

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

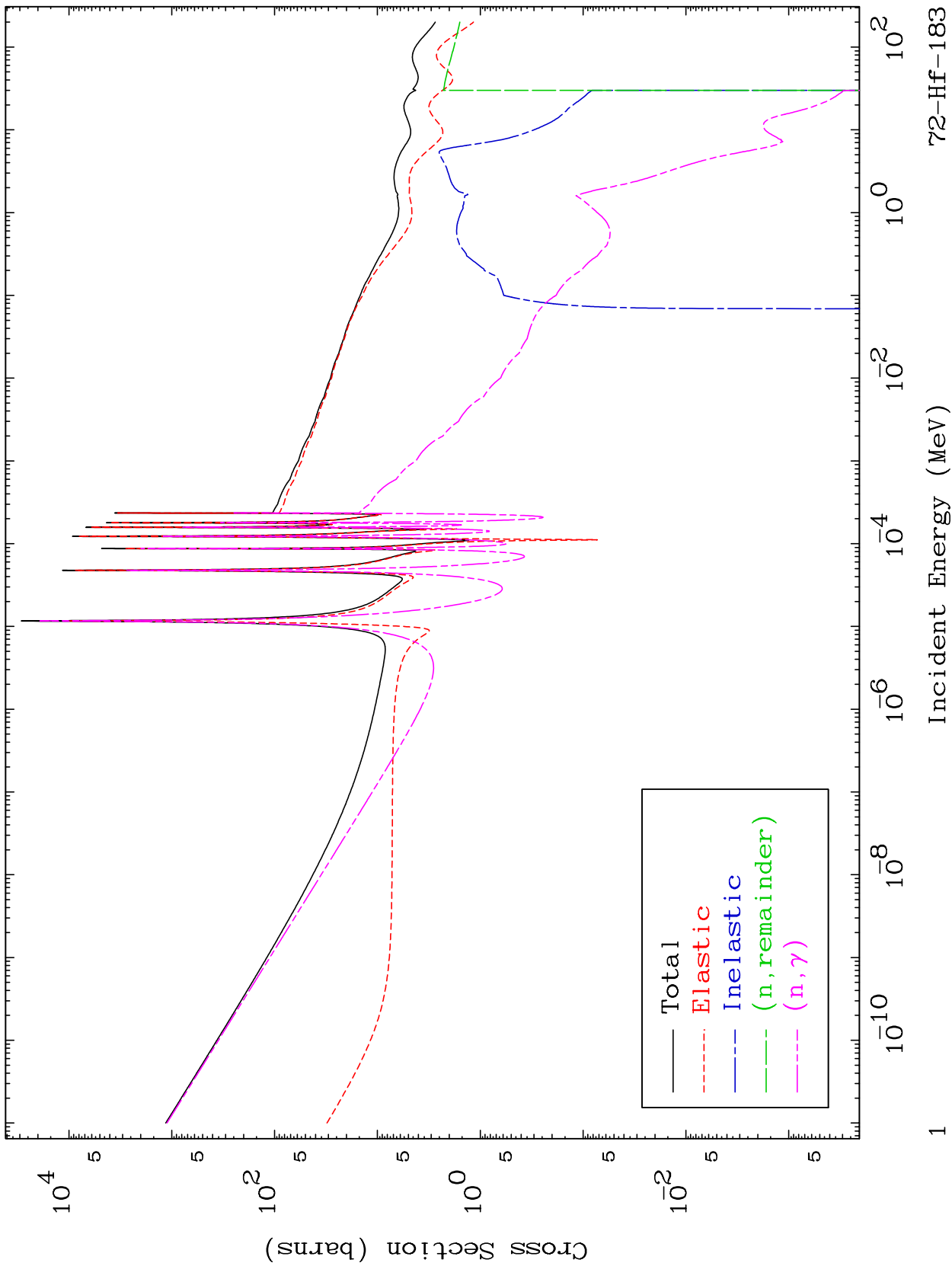
Press Mouse Button to Start

MAT 7252

Major

293 Kelvin Cross Sections

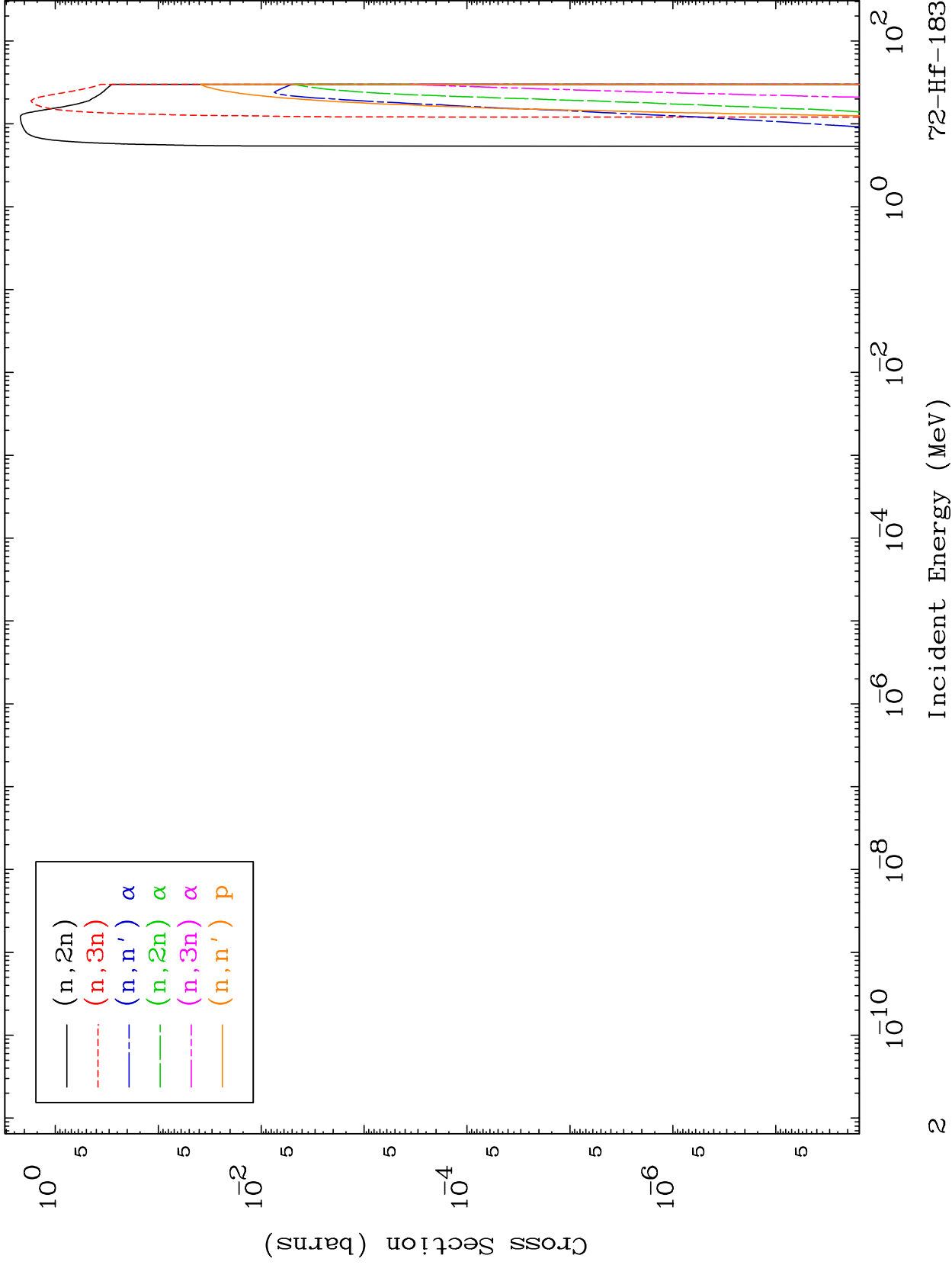
72-Hf-183

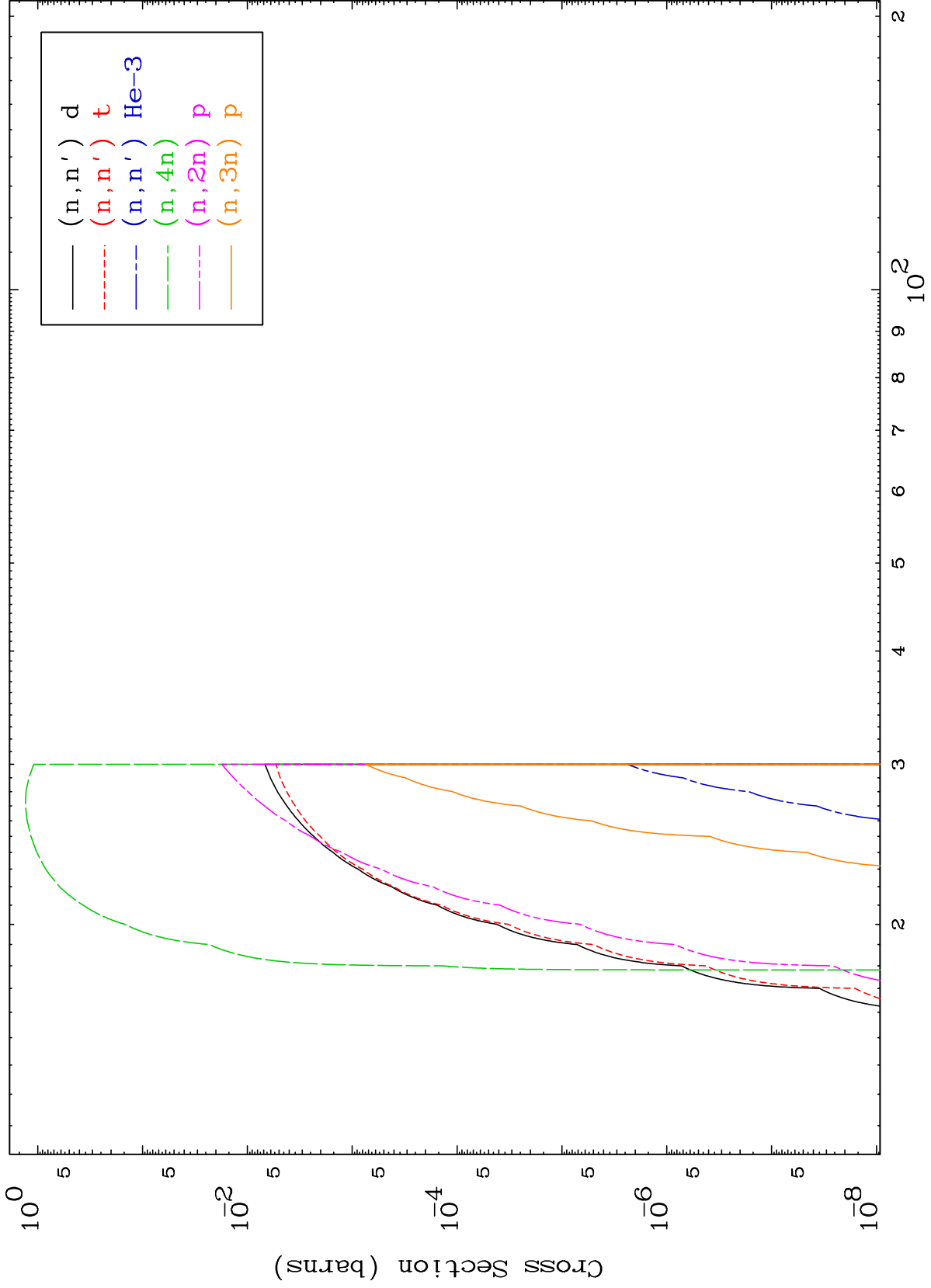


MAT 7252

Neutron Production
293 Kelvin Cross Sections

72-Hf-183

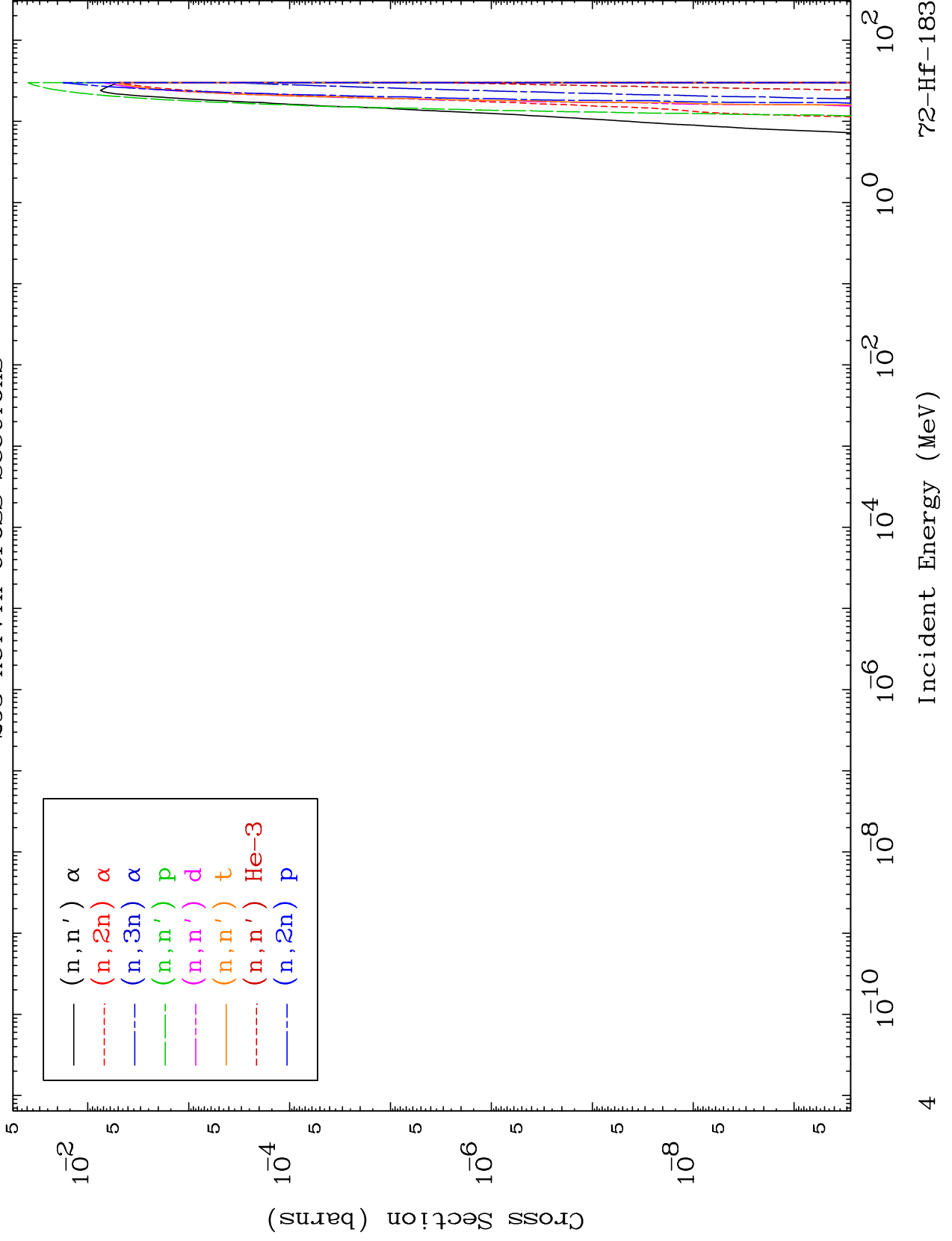




MAT 7252

Charged Particle
293 Kelvin Cross Sections

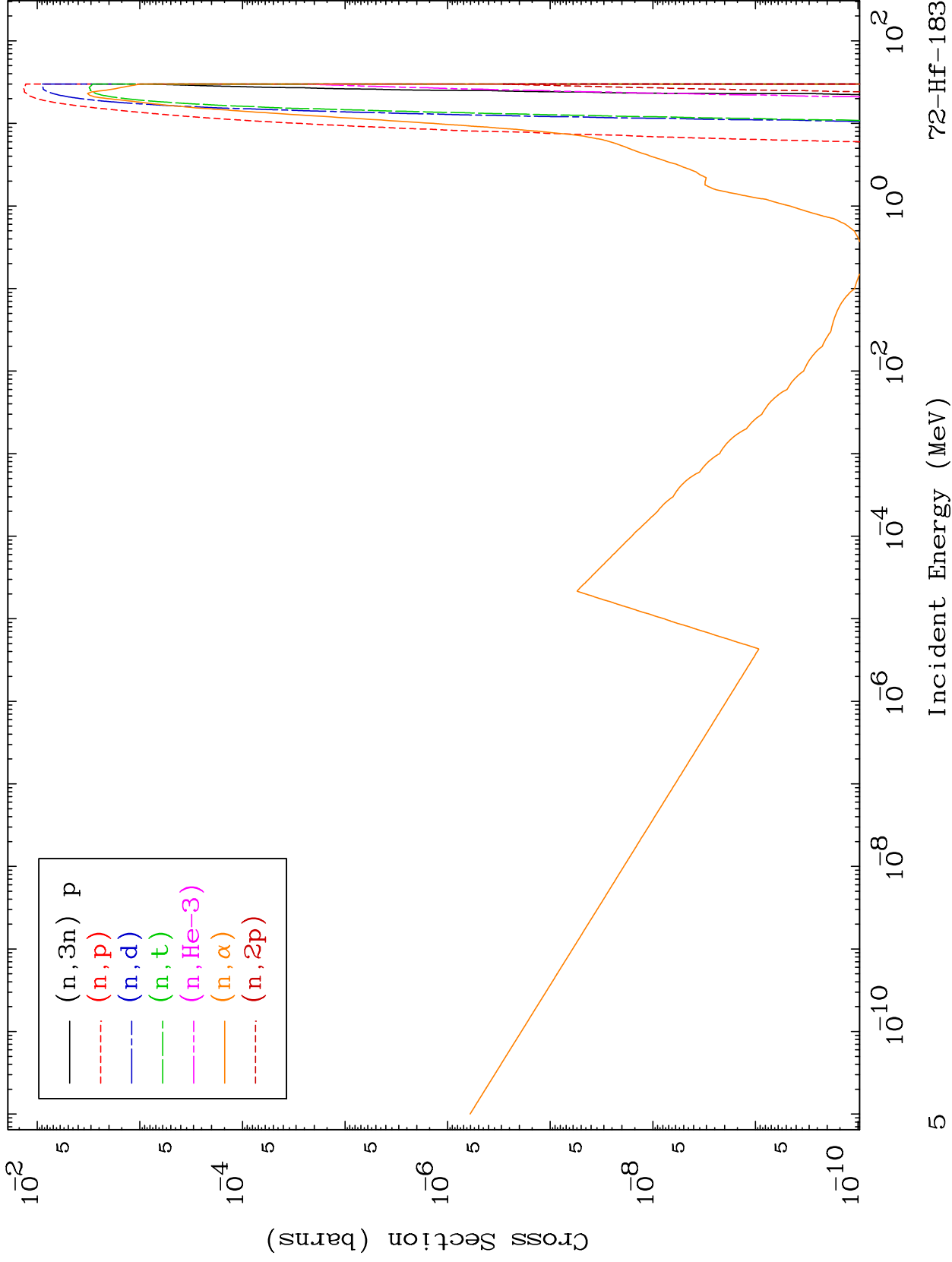
72-Hf-183

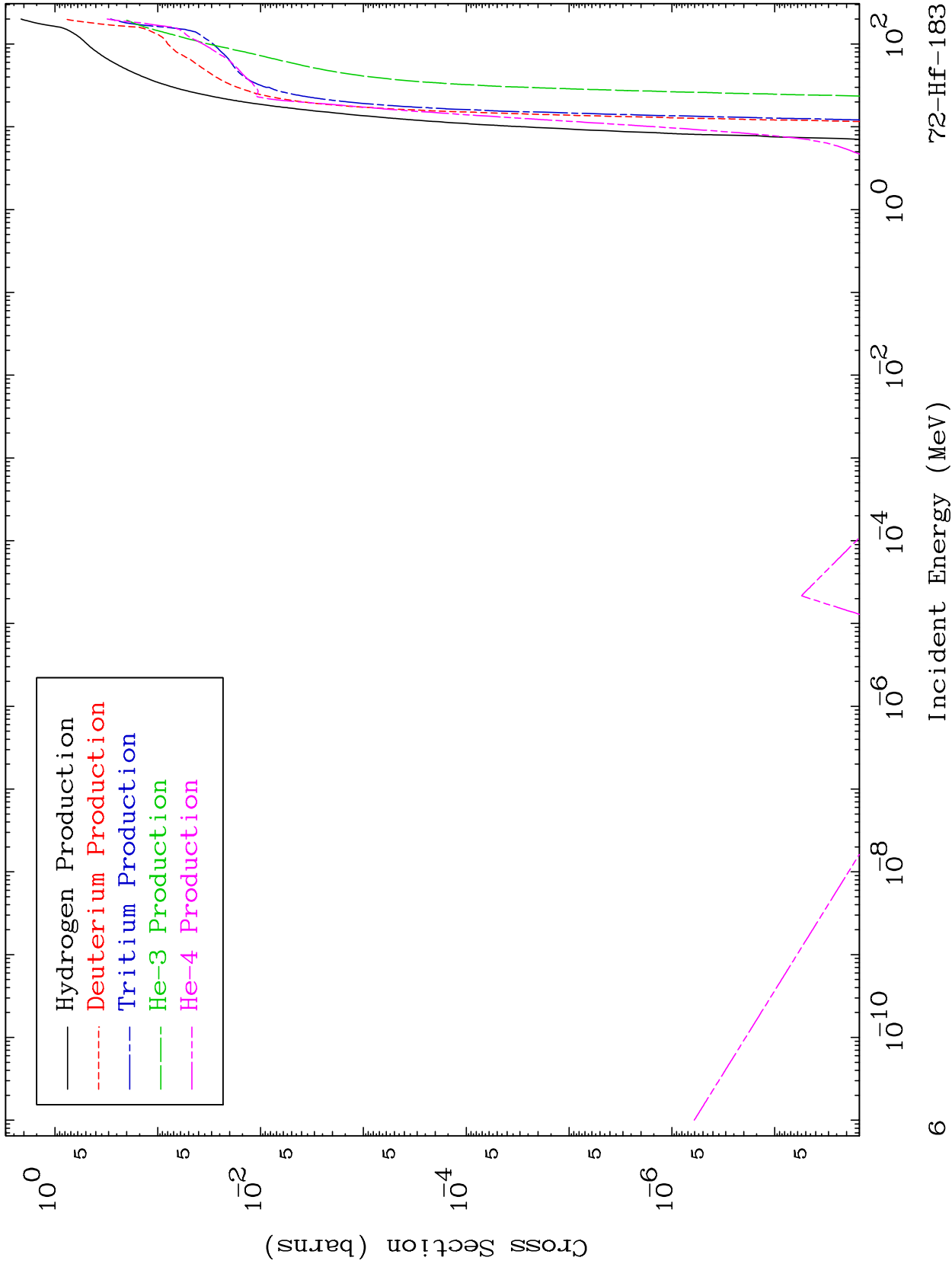


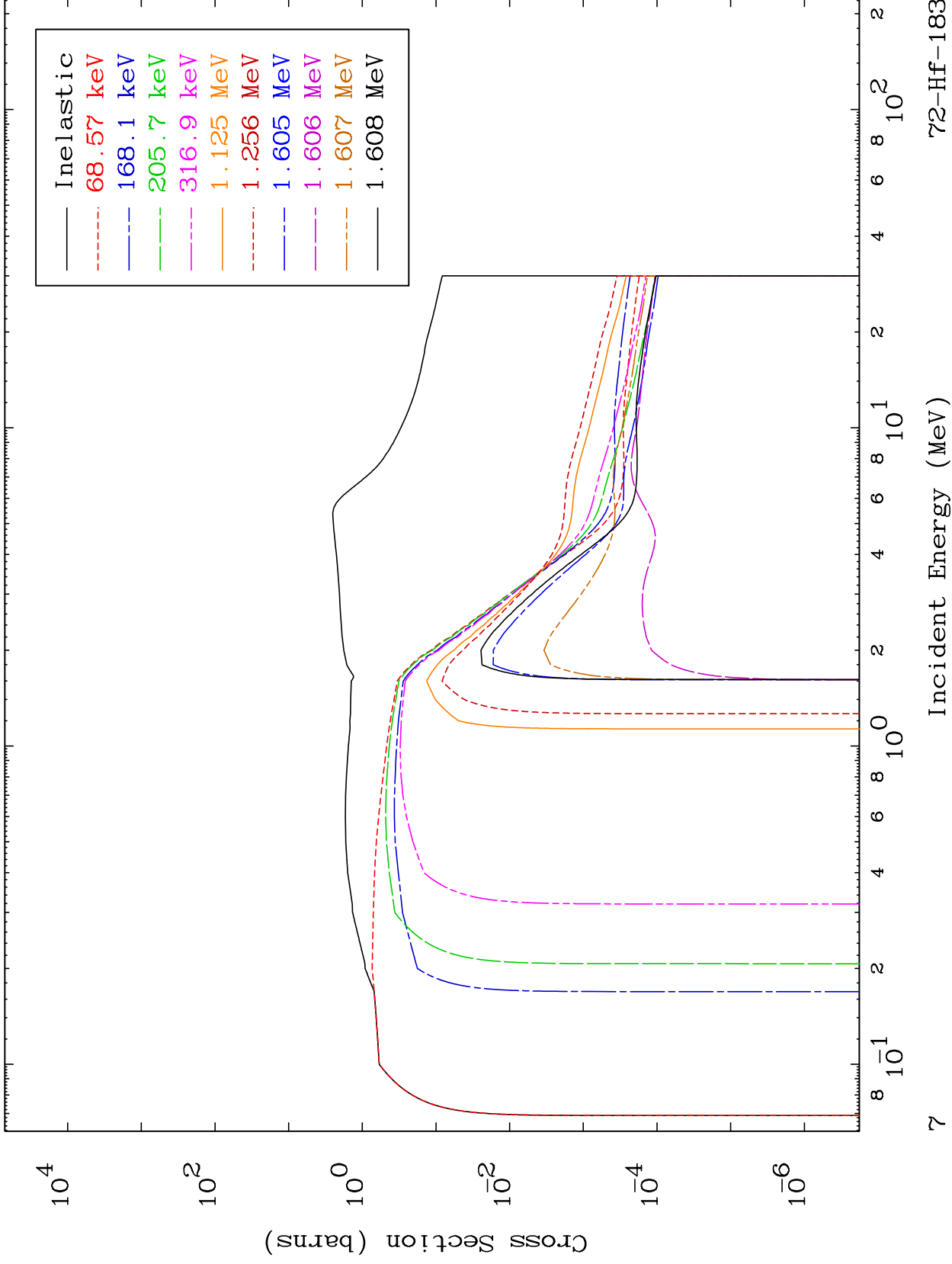
MAT 7252

Charged Particle
293 Kelvin Cross Sections

72-Hf-183



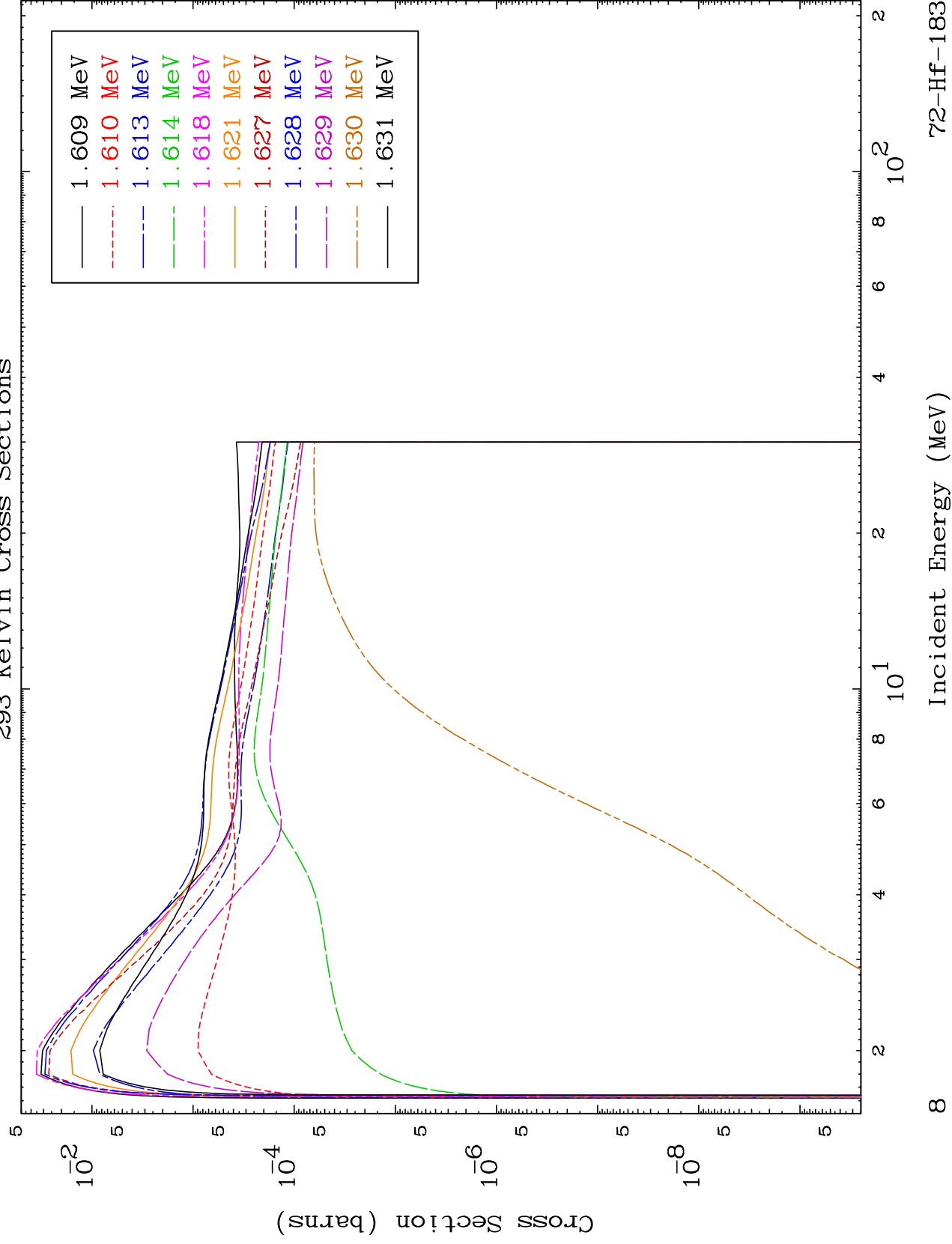




MAT 7252

(n,n') Level
293 Kelvin Cross Sections

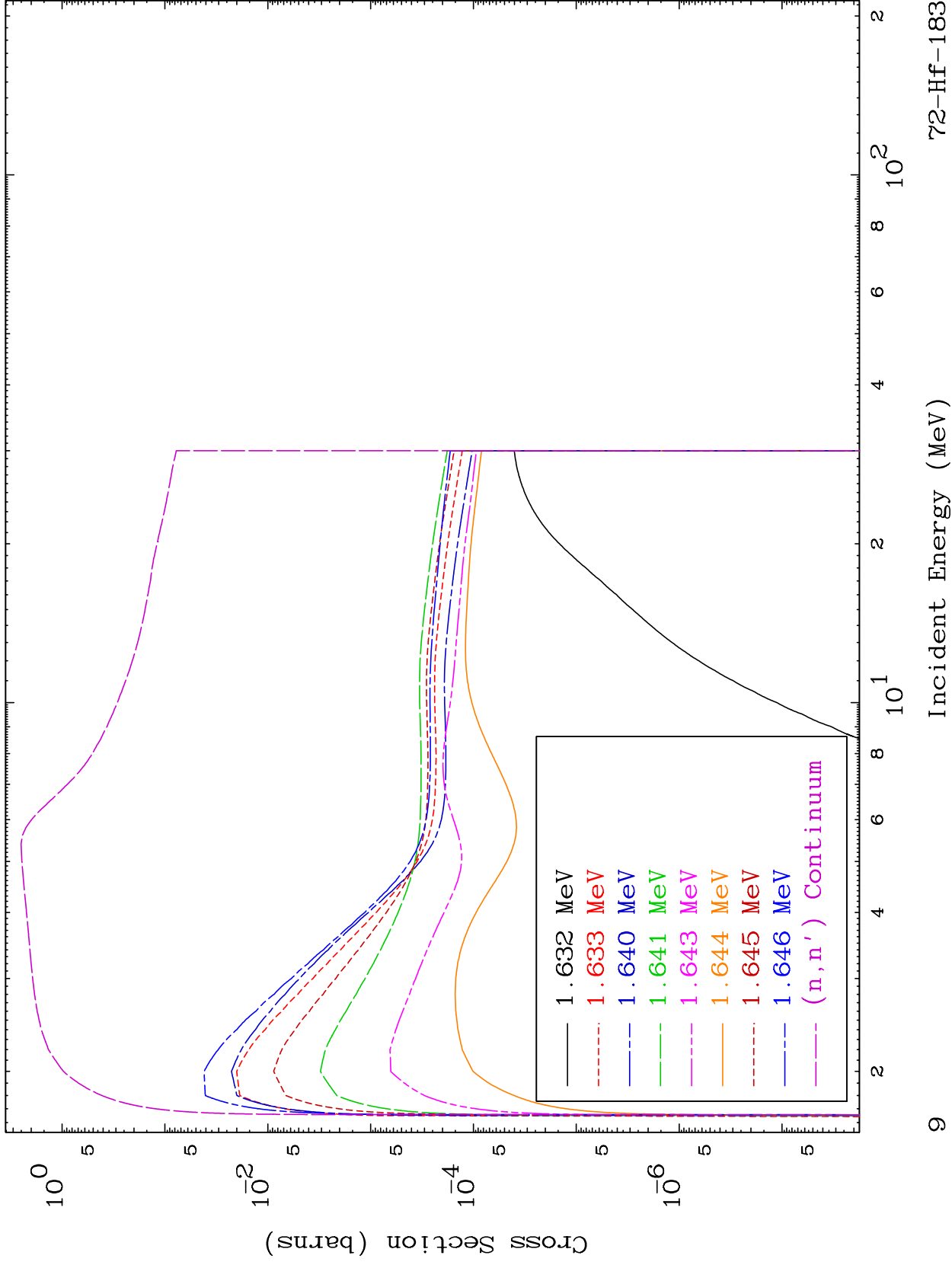
72-Hf-183



72-Hf-183

Incident Energy (MeV)

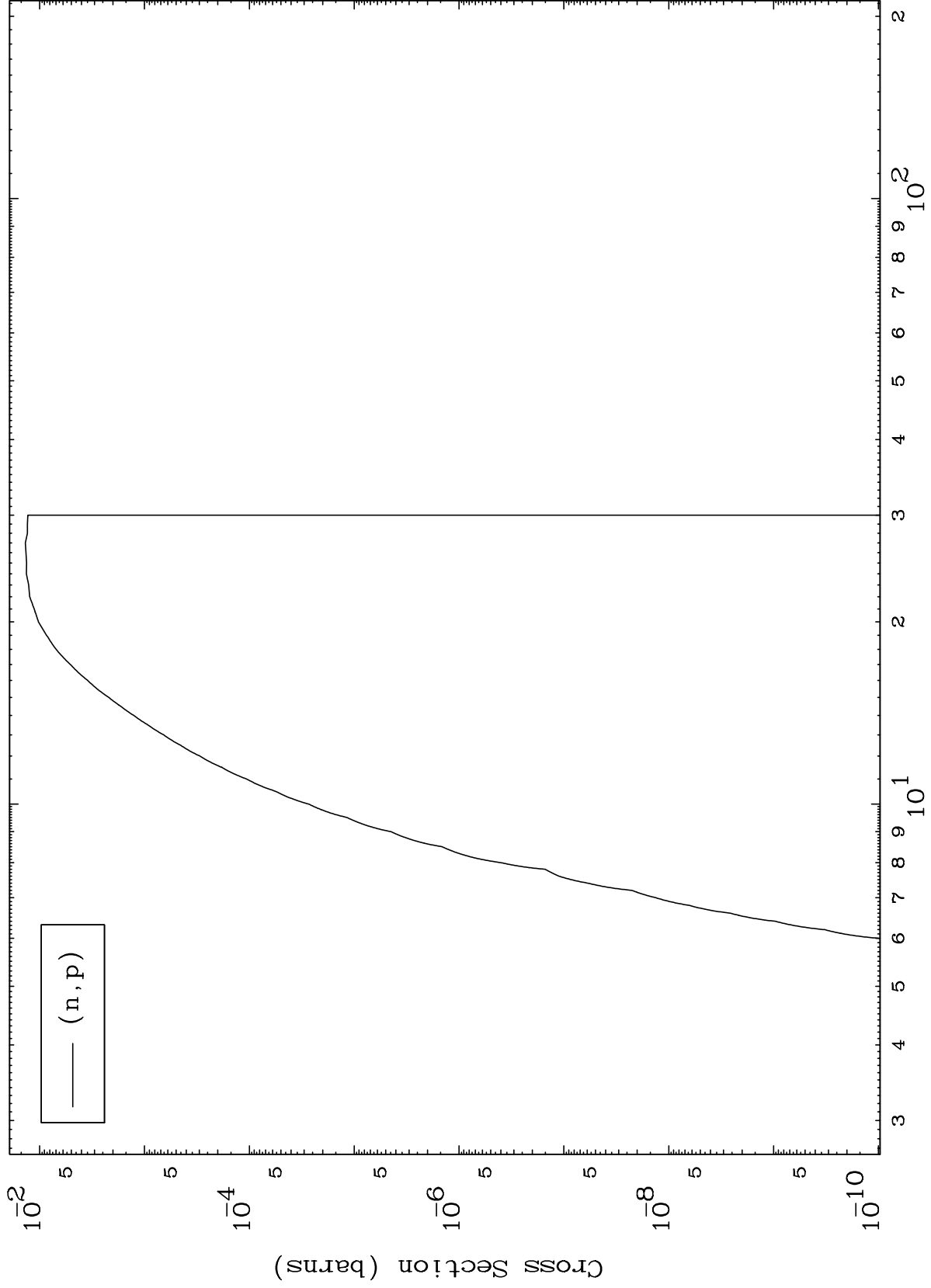
8



MAT 7252

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-183



10

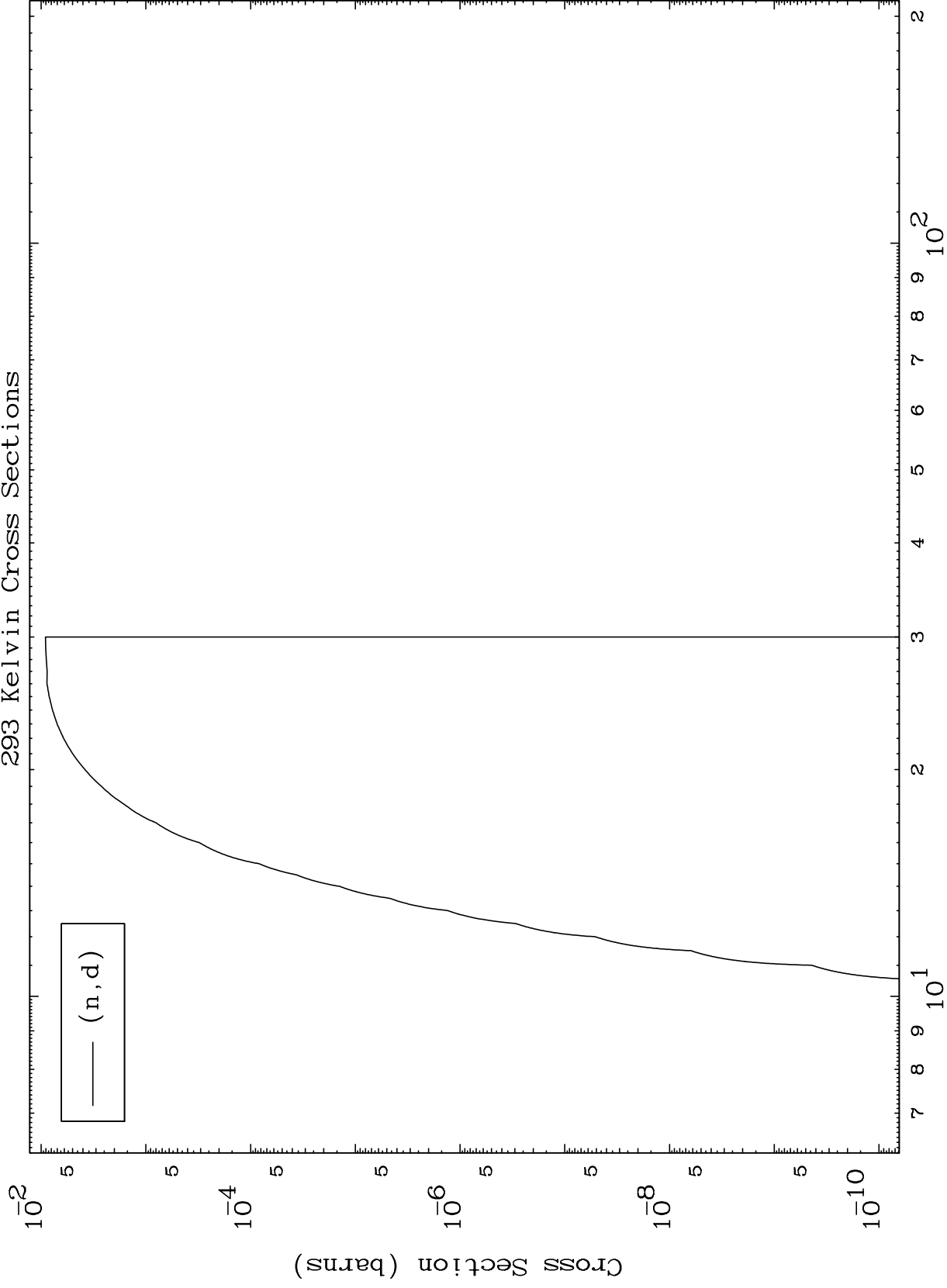
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-183



11

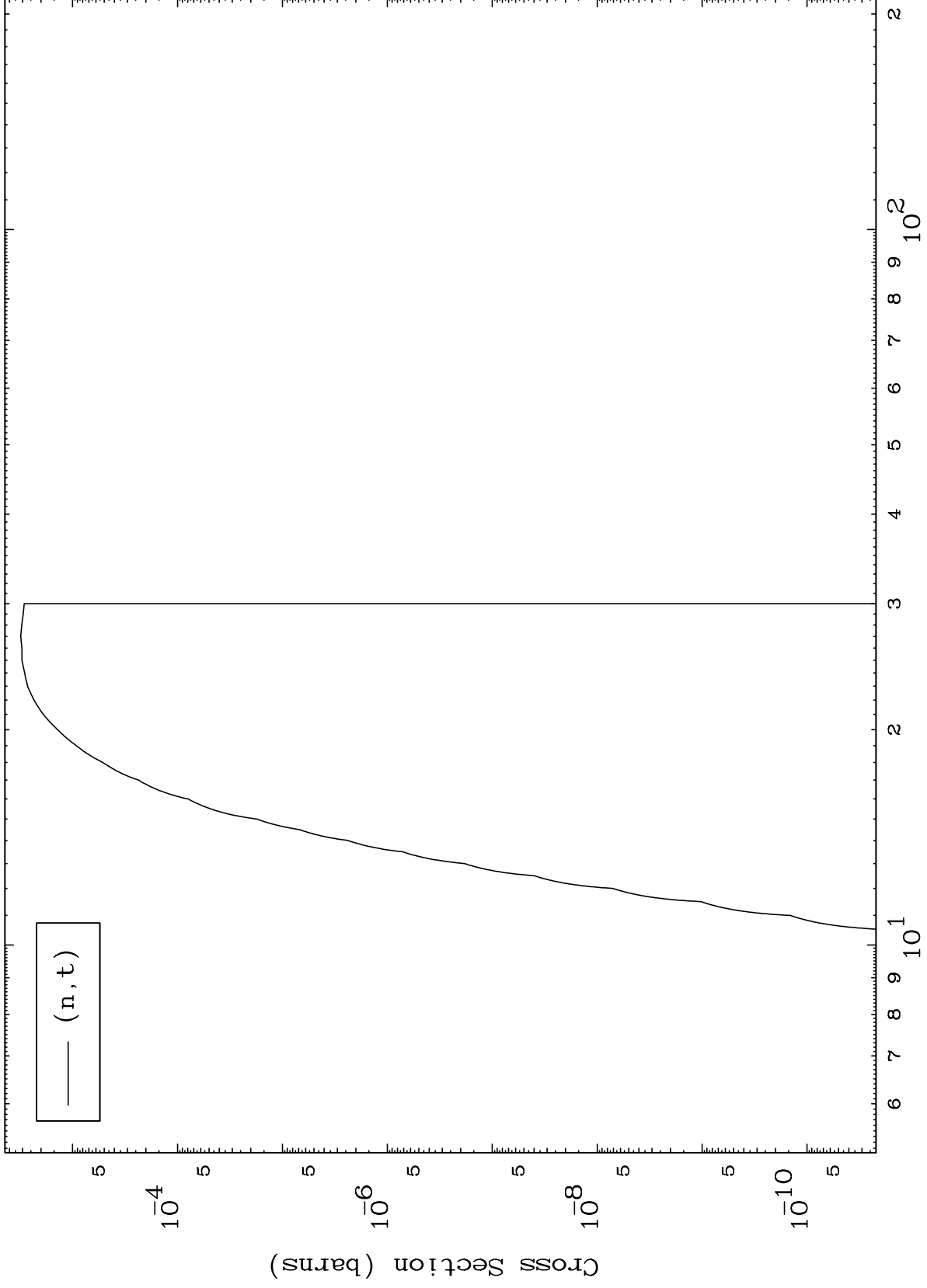
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-183



12

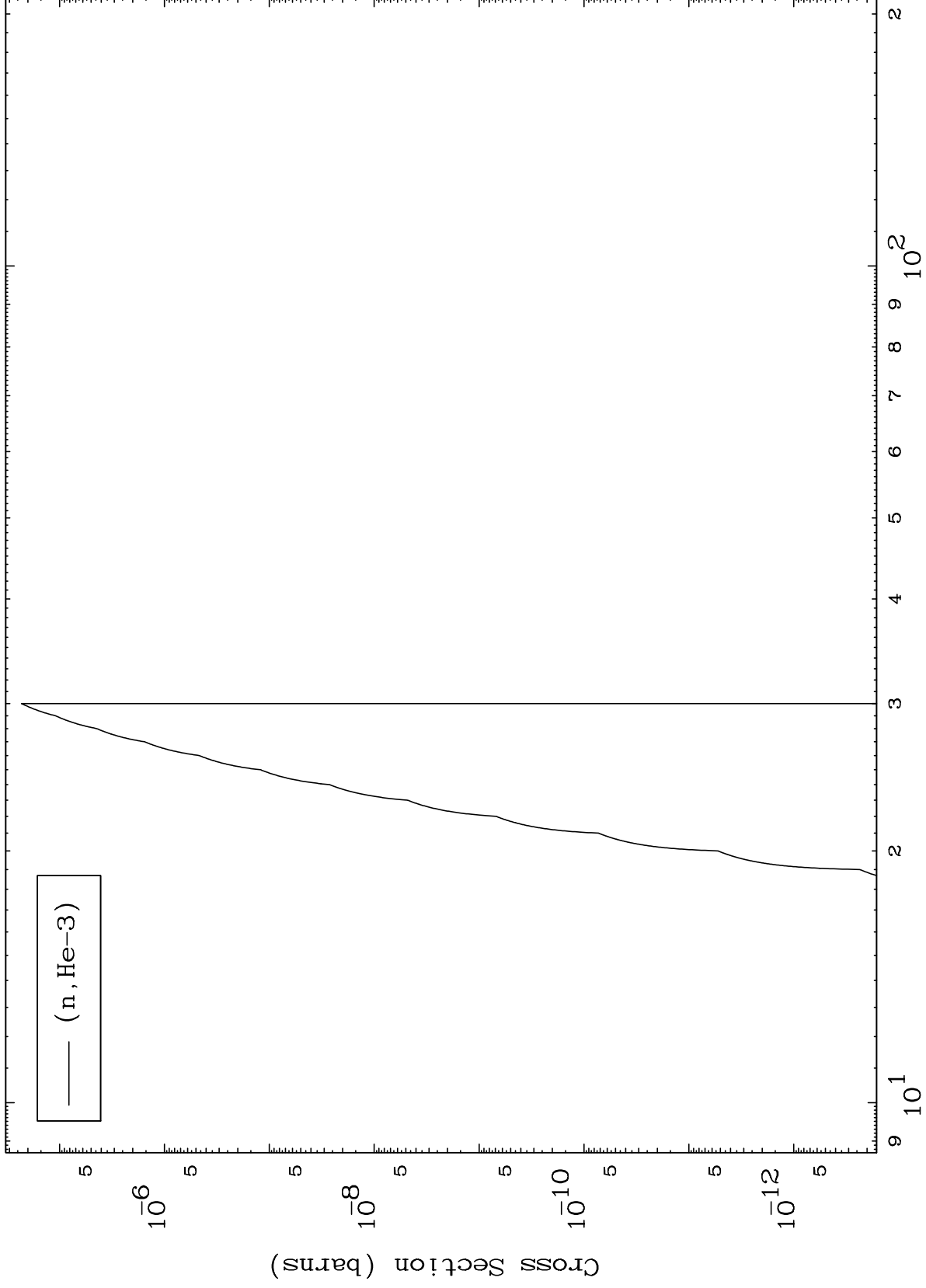
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-183



13

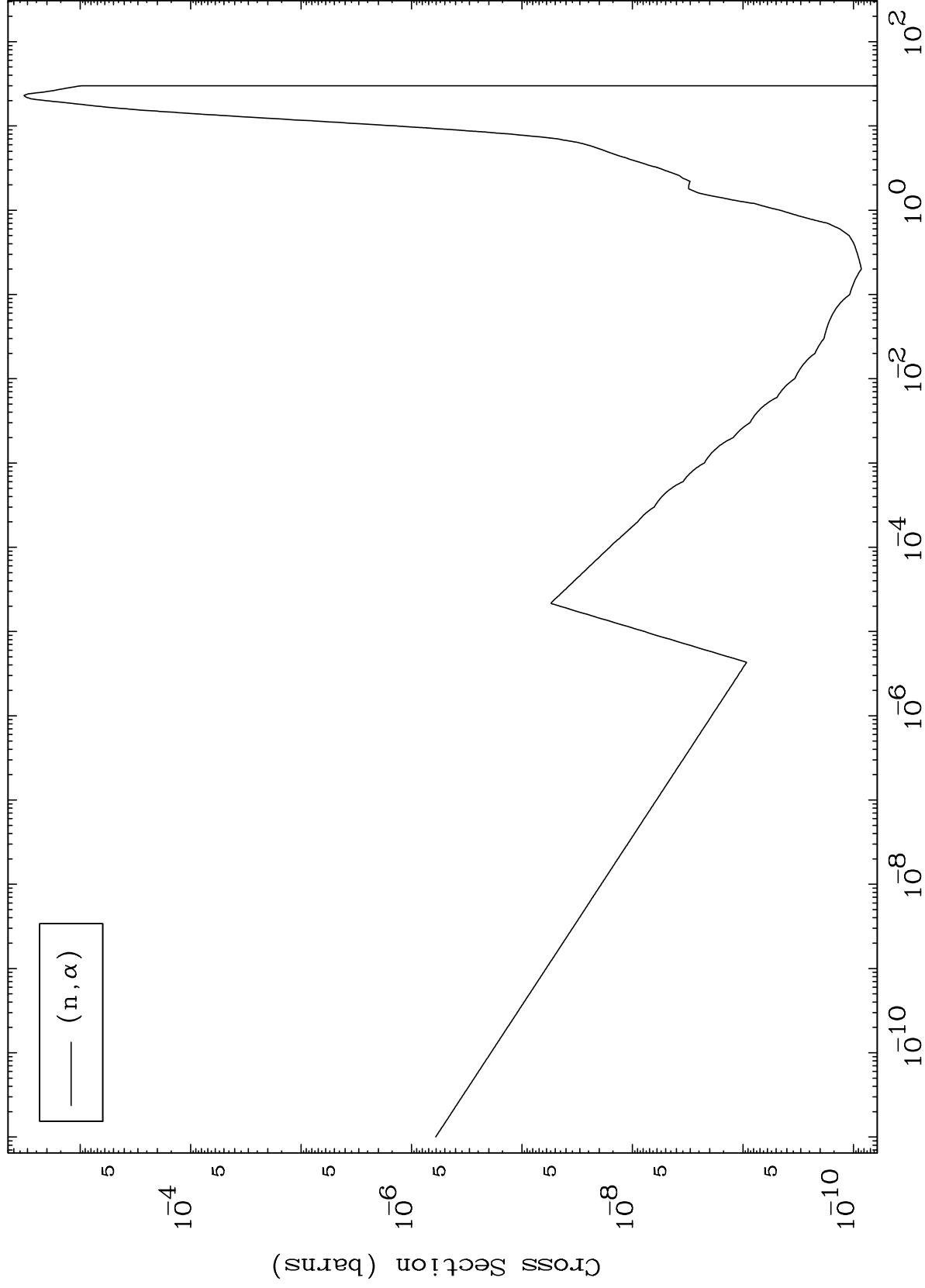
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n, α) Levels
293 Kelvin Cross Sections

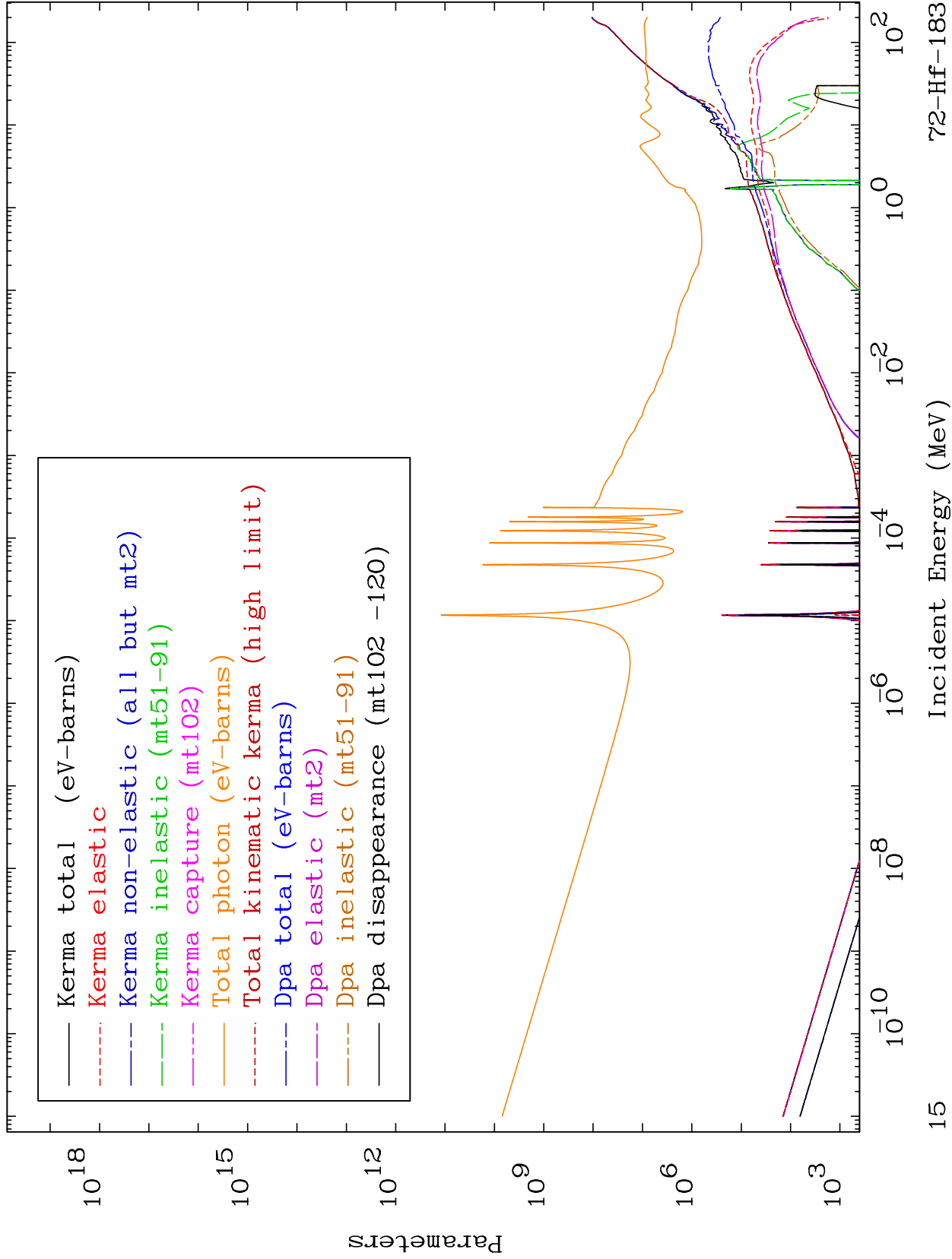
72-Hf-183



14

Incident Energy (MeV)

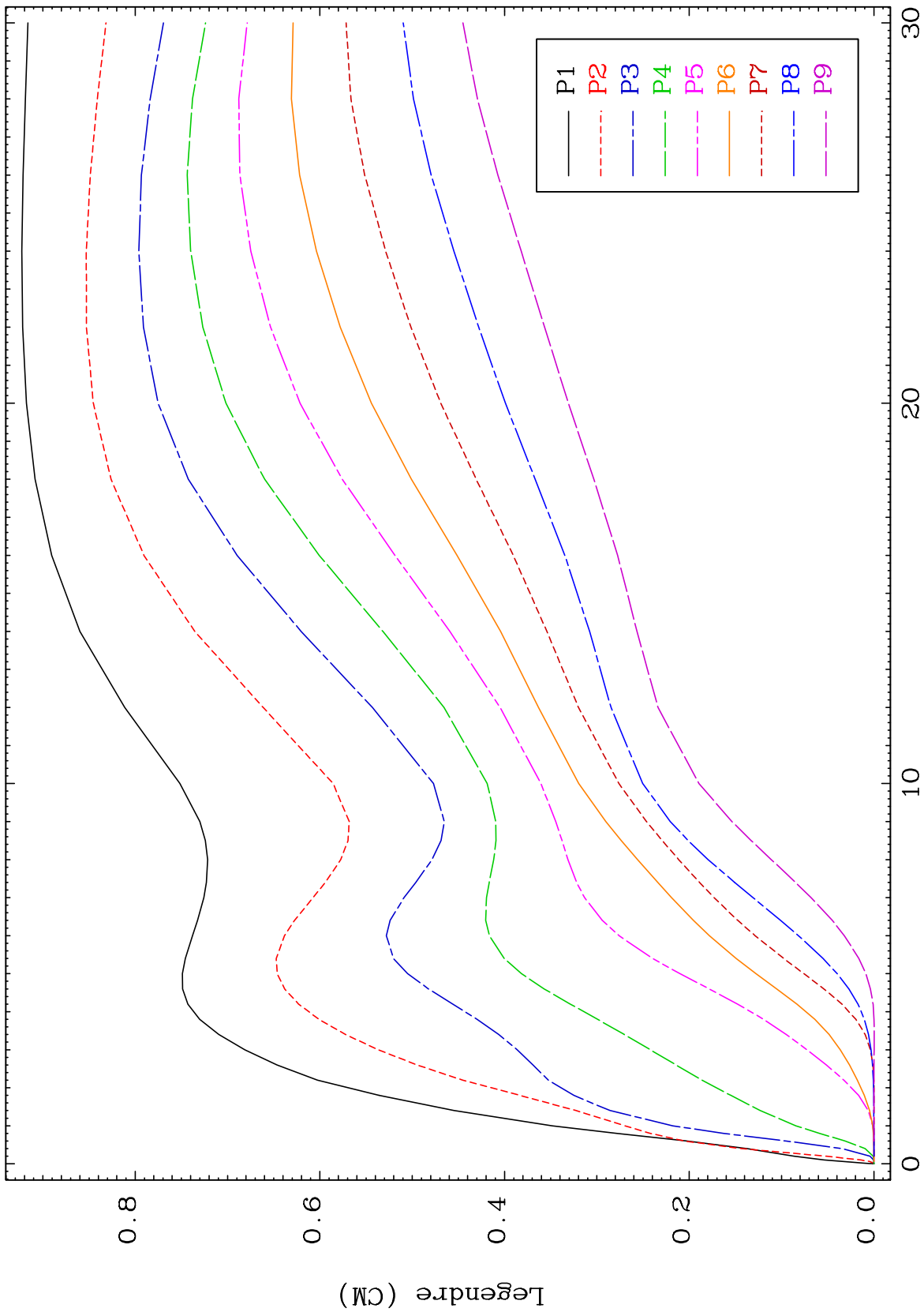
72-Hf-183



MAT 7252

72-Hf-183

Elastic Legendre Coefficients



16

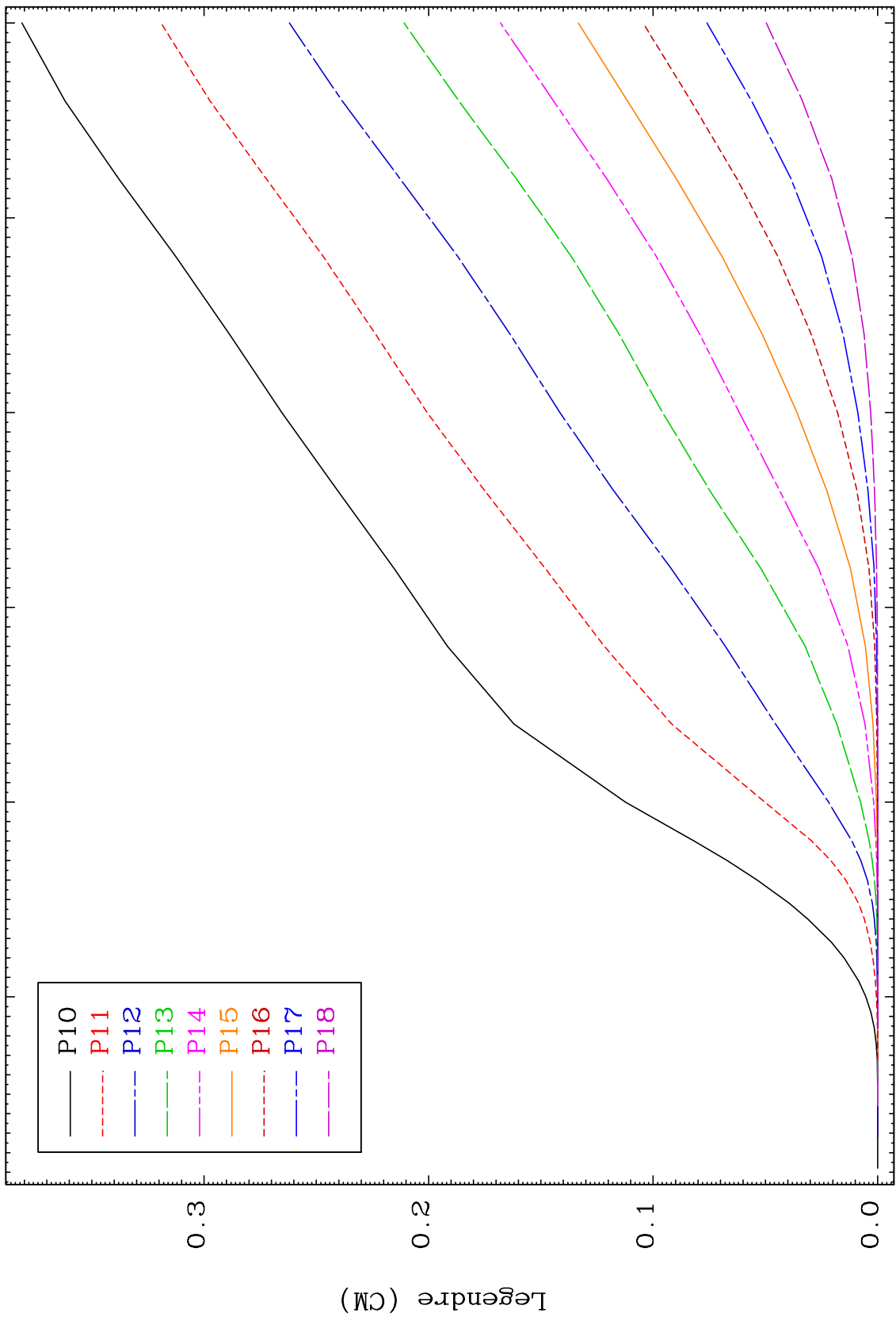
Incident Energy (MeV)

72-Hf-183

MAT 7252

Elastic Legendre Coefficients

72-Hf-183



17

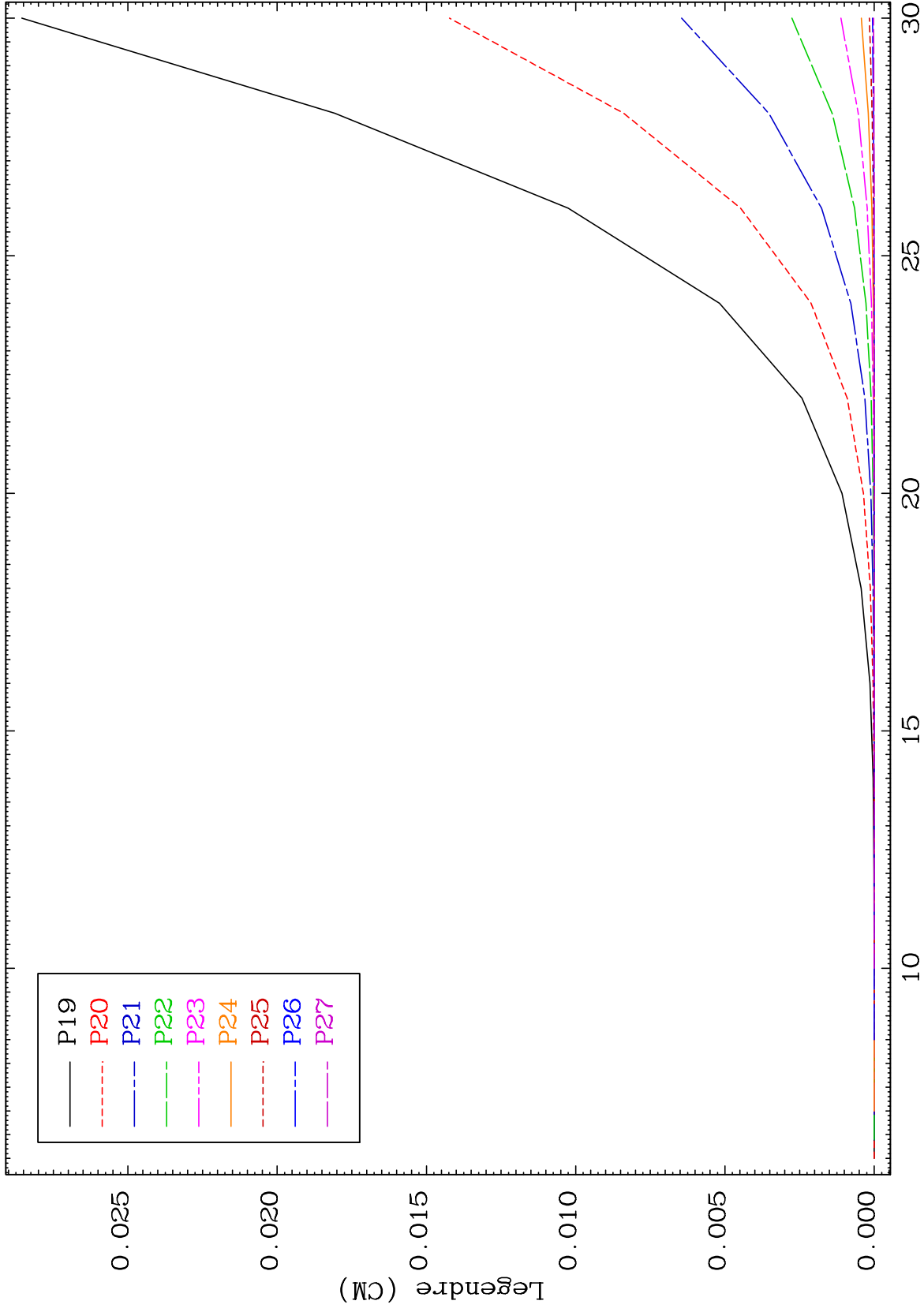
72-Hf-183

Incident Energy (MeV)

MAT 7252

Elastic Legendre Coefficients

72-Hf-183



18

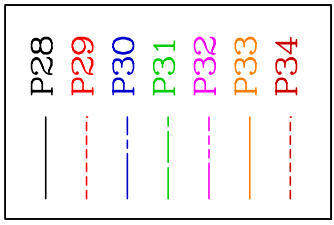
Incident Energy (MeV)

72-Hf-183

MAT 7252

Elastic Legendre Coefficients

72-Hf-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

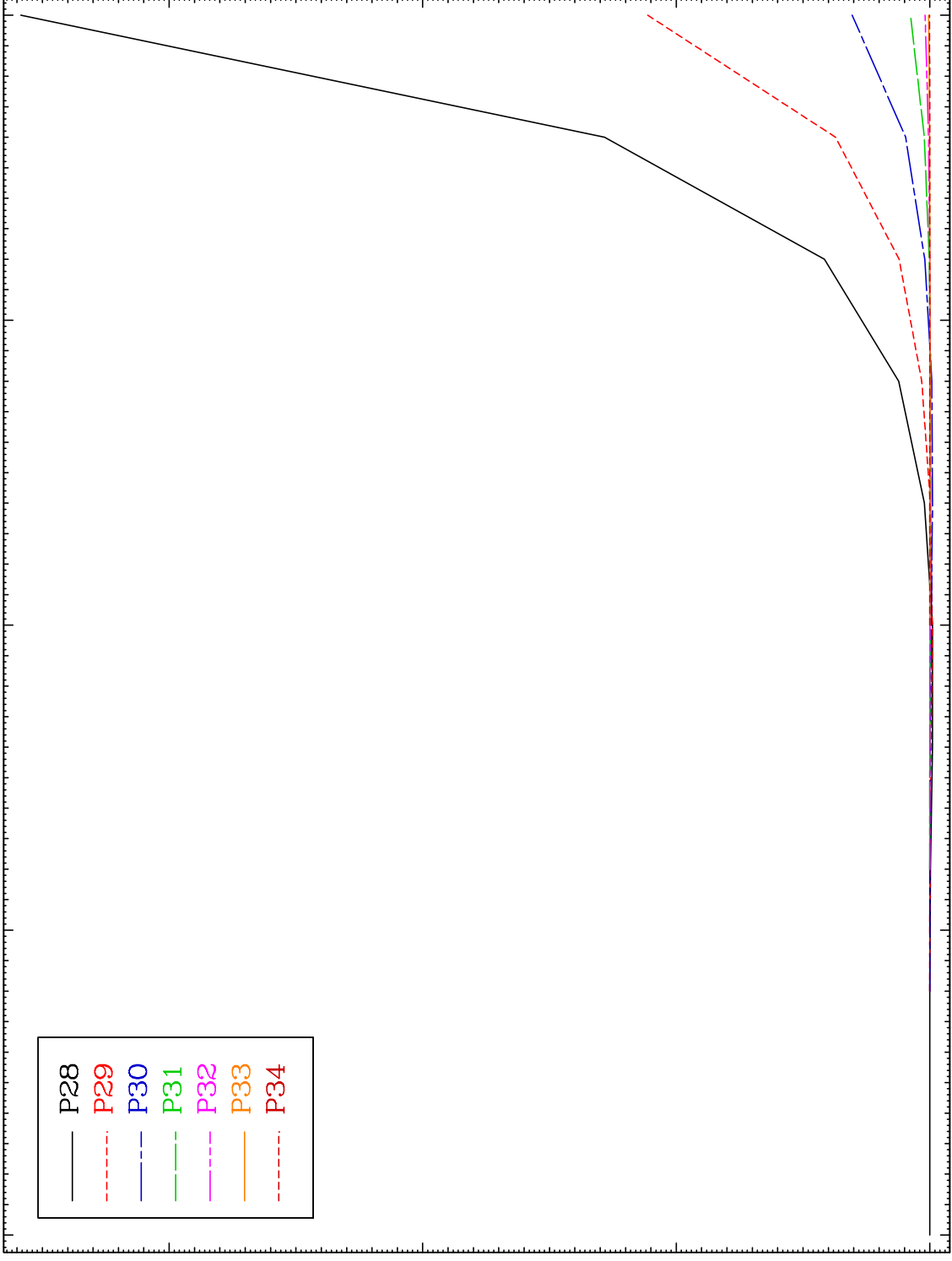
25

30

19

Incident Energy (MeV)

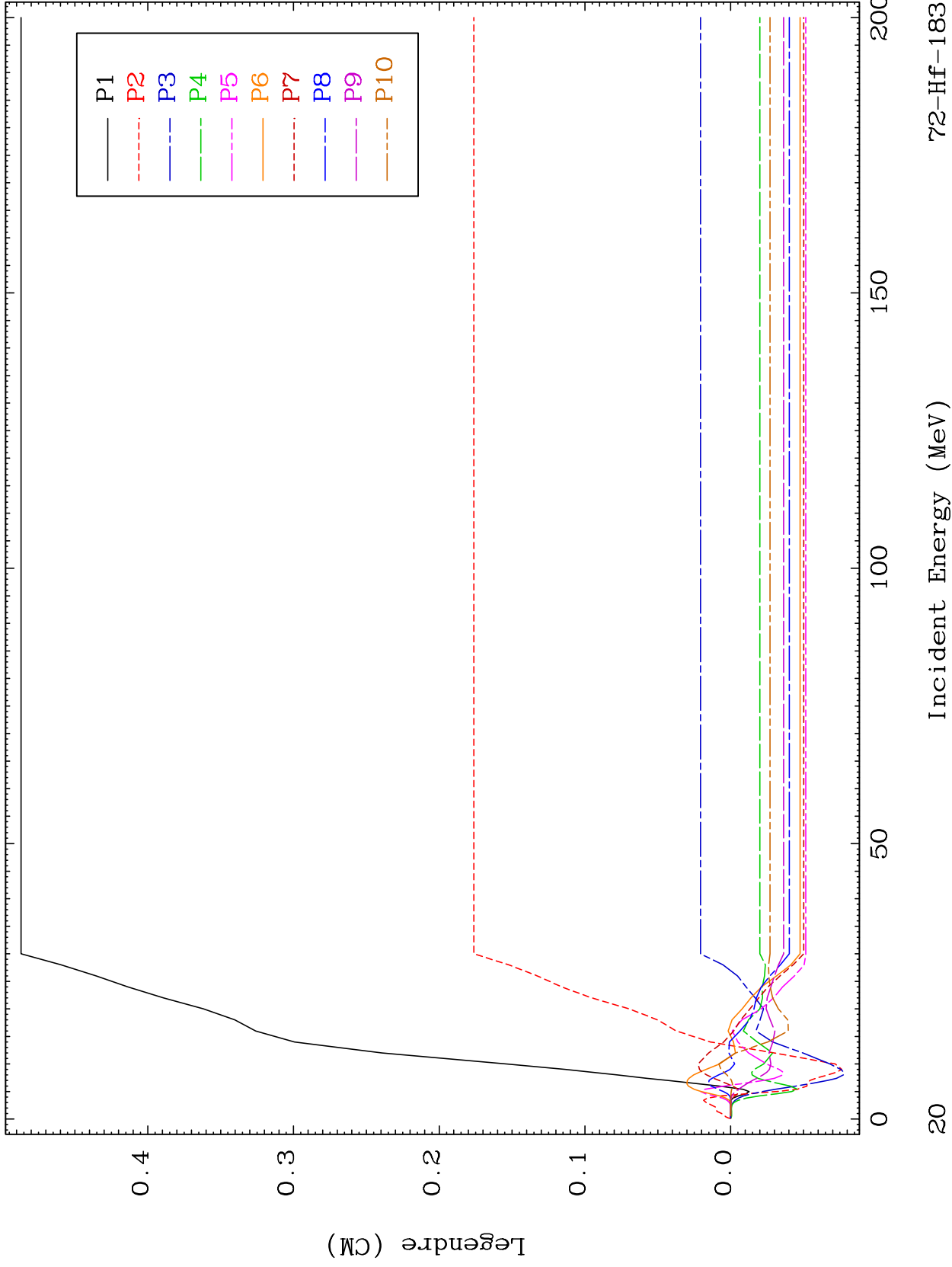
72-Hf-183



MAT 7252

68.57 keV (n,n') Level
Legendre Coefficients

72-Hf-183

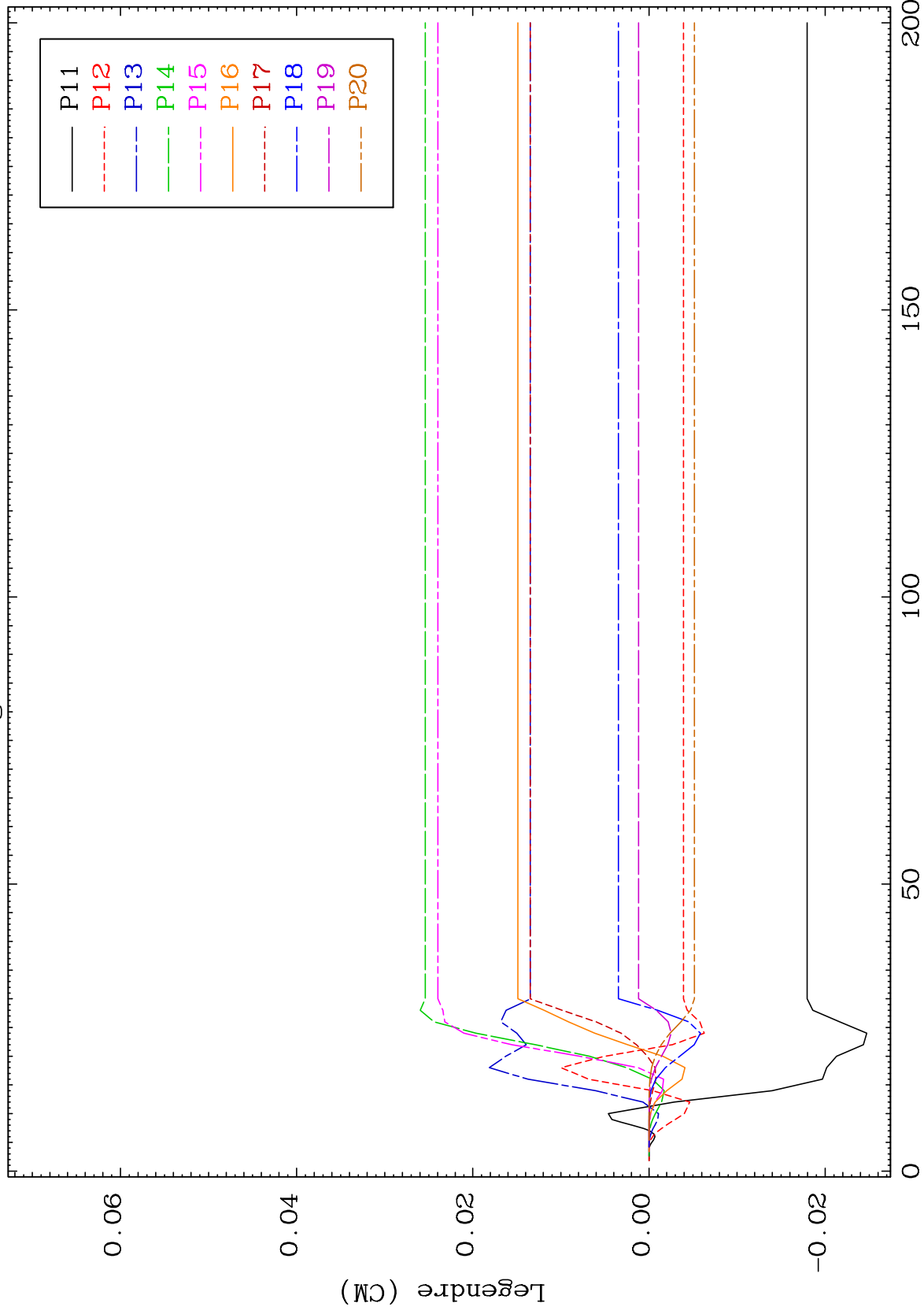


72-Hf-183

MAT 7252

68.57 keV (n,n') Level
Legendre Coefficients

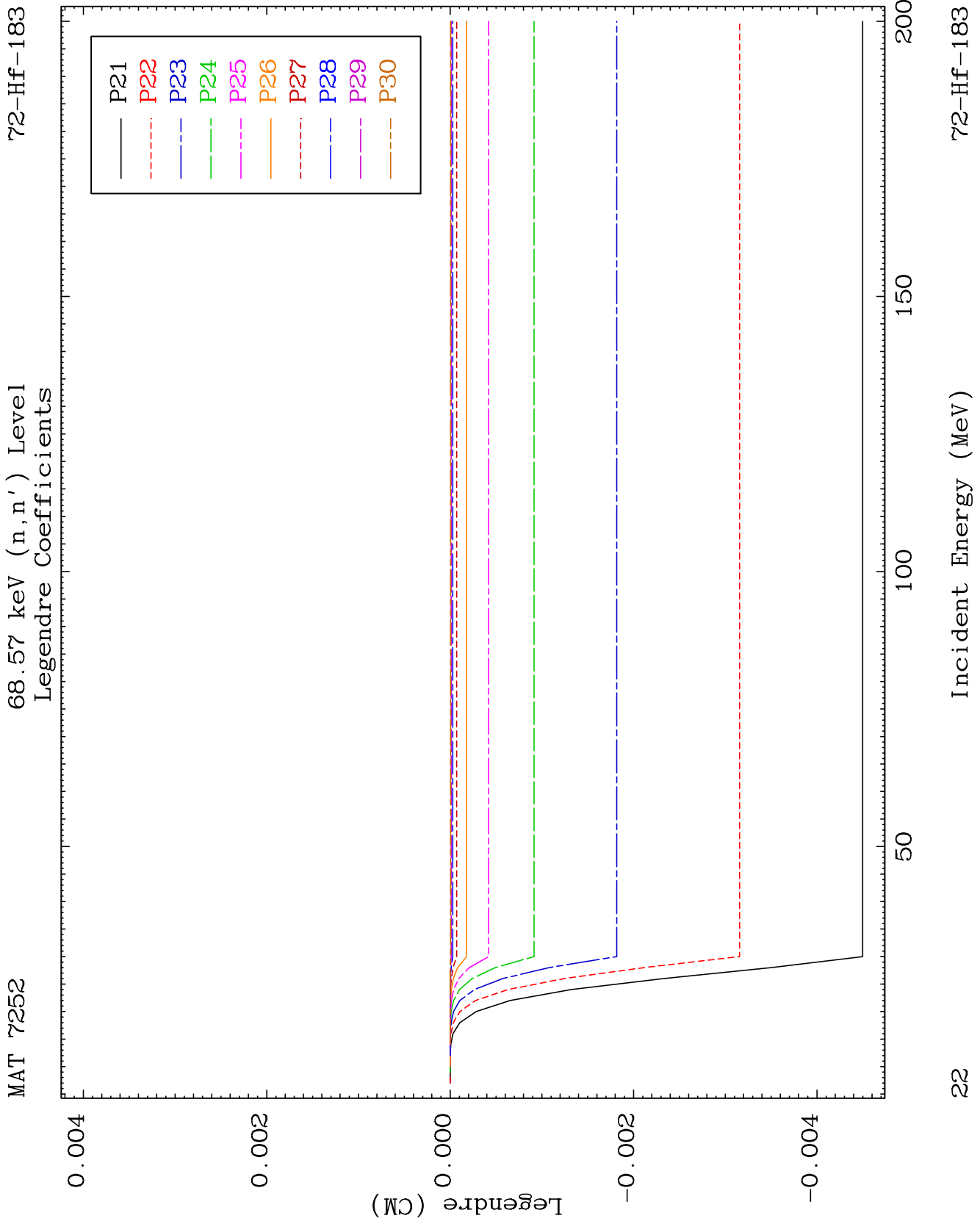
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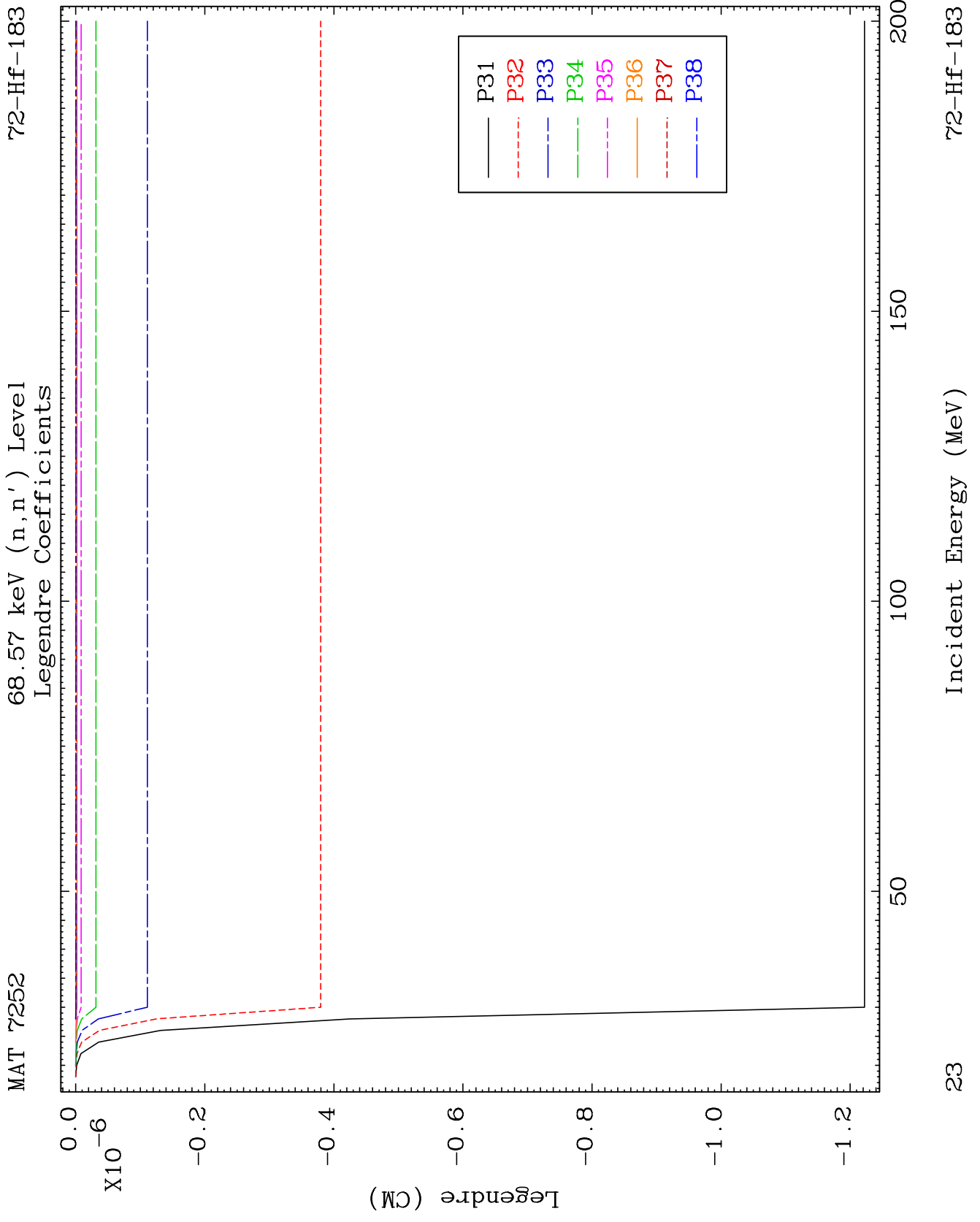


21

Incident Energy (MeV)

72-Hf-183

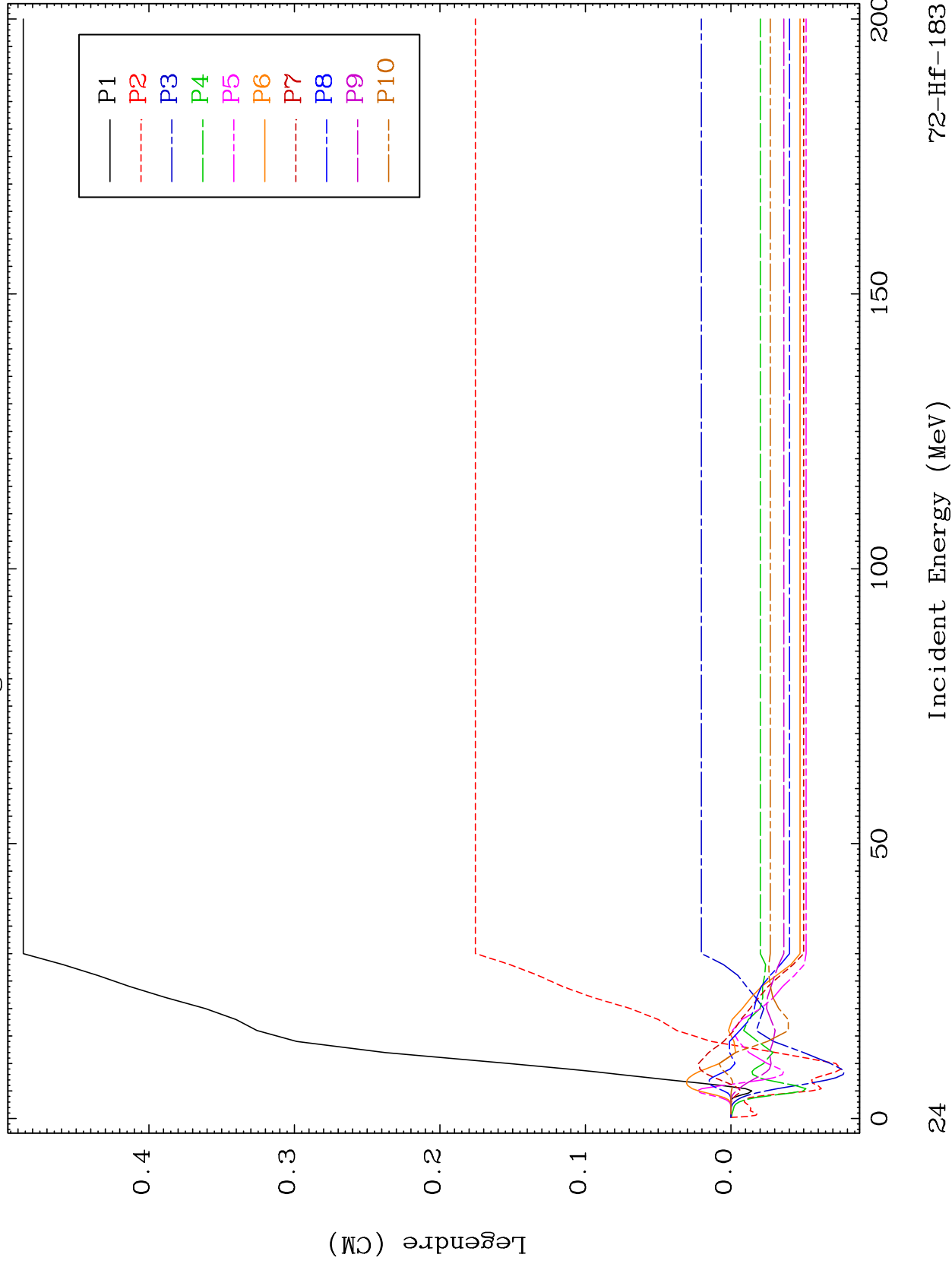




MAT 7252

168.1 keV (n,n') Level
Legendre Coefficients

72-Hf-183



24

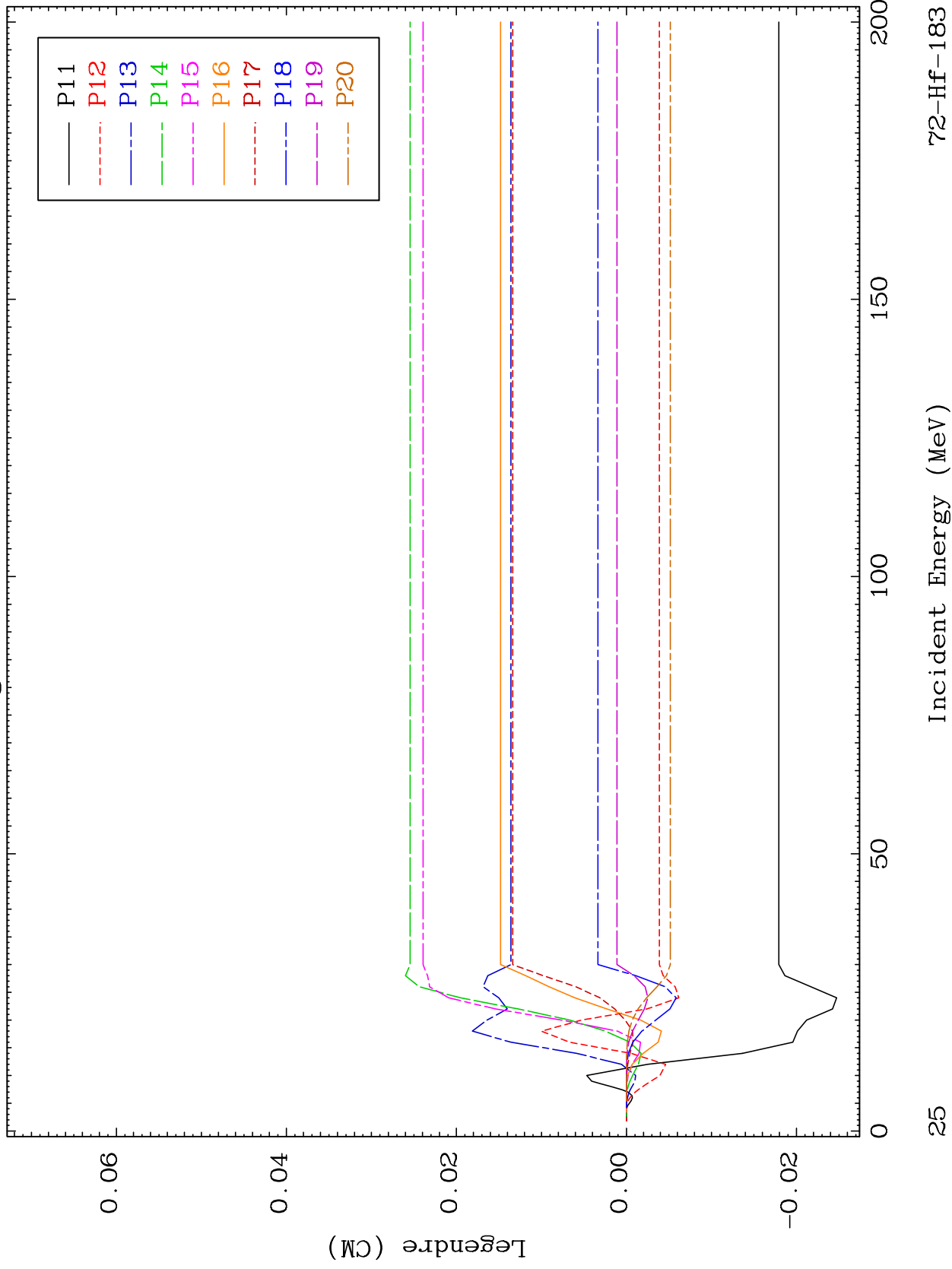
Incident Energy (MeV)

72-Hf-183

MAT 7252

168.1 keV (n,n') Level
Legendre Coefficients

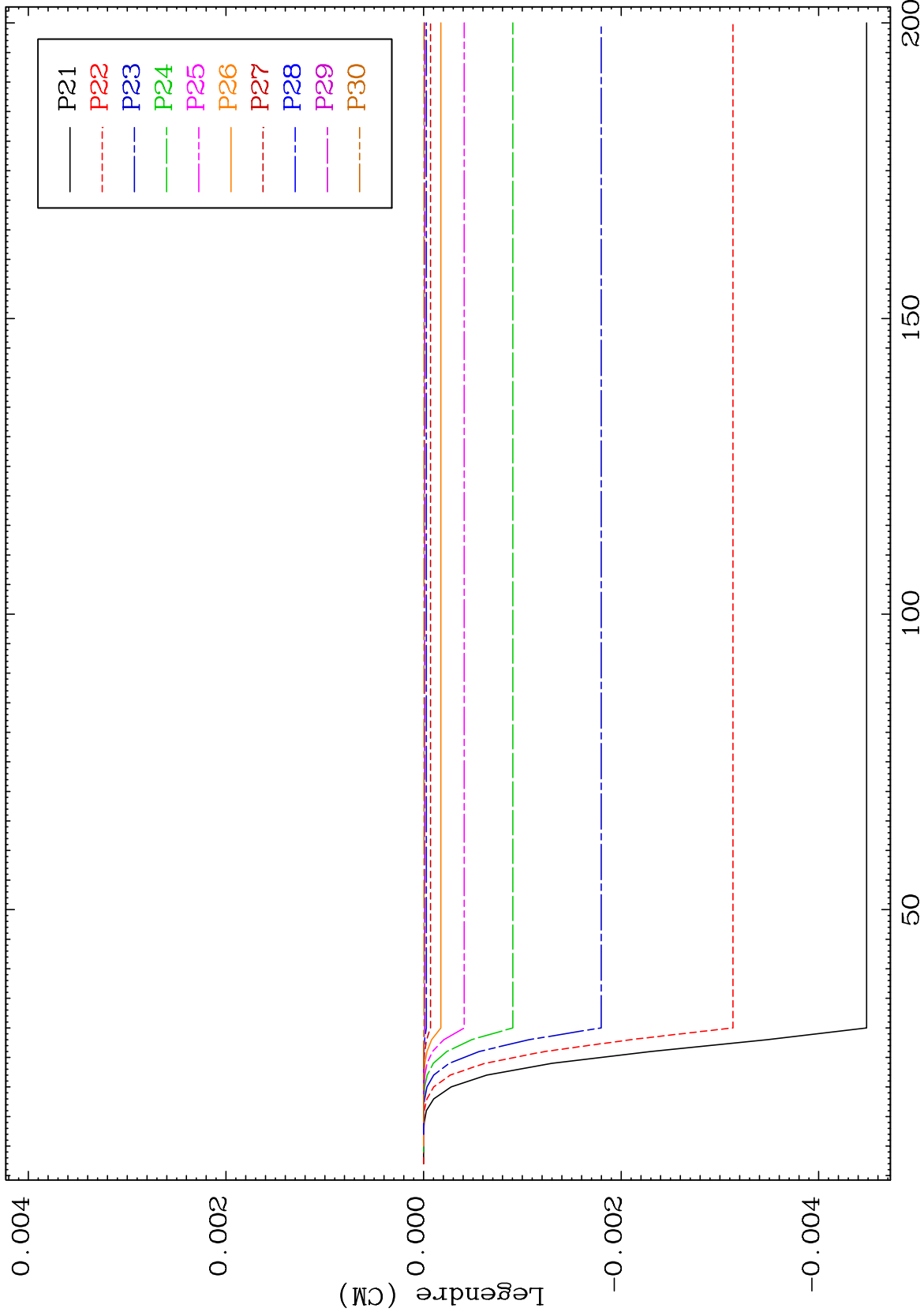
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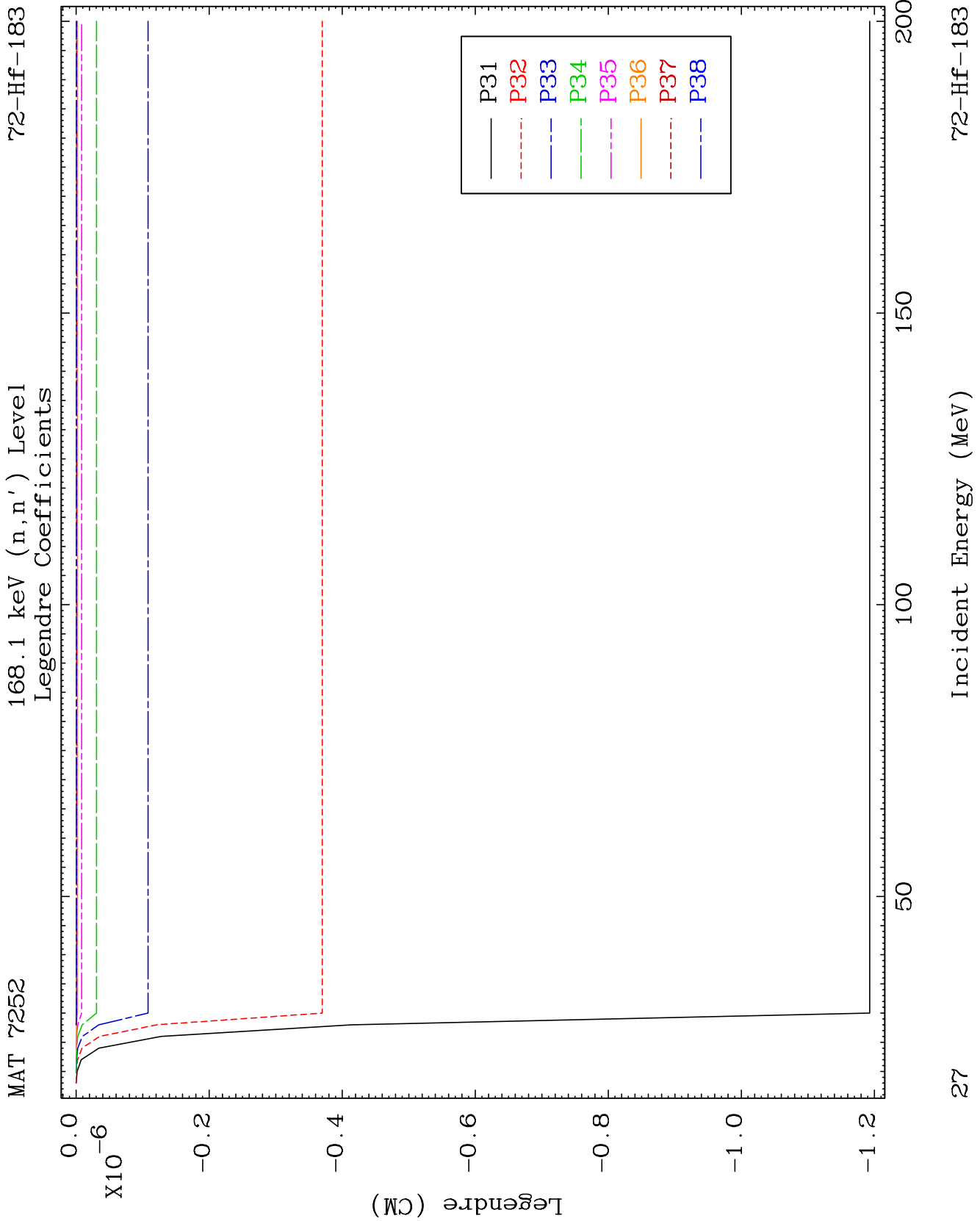


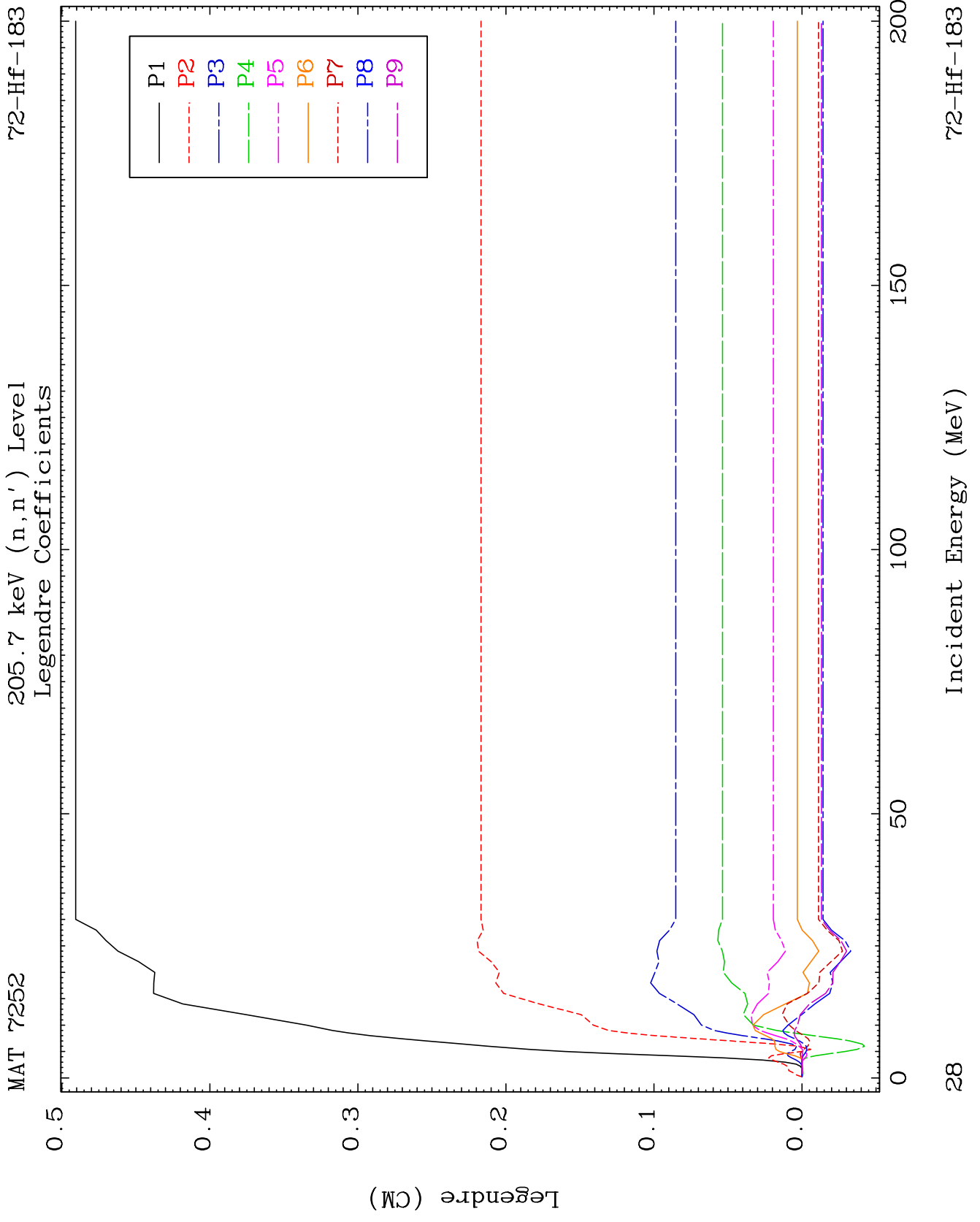
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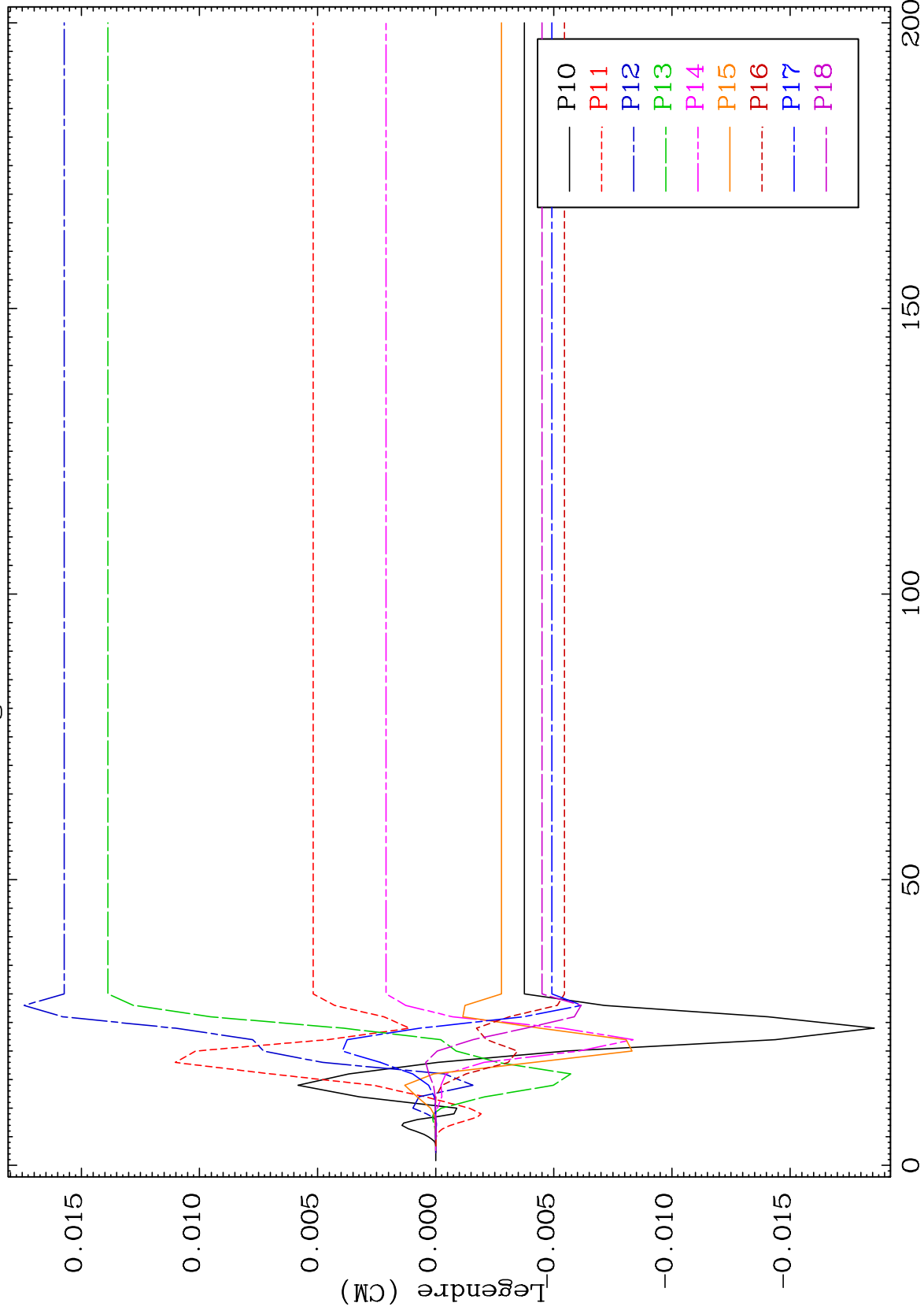
Incident Energy (MeV)

25





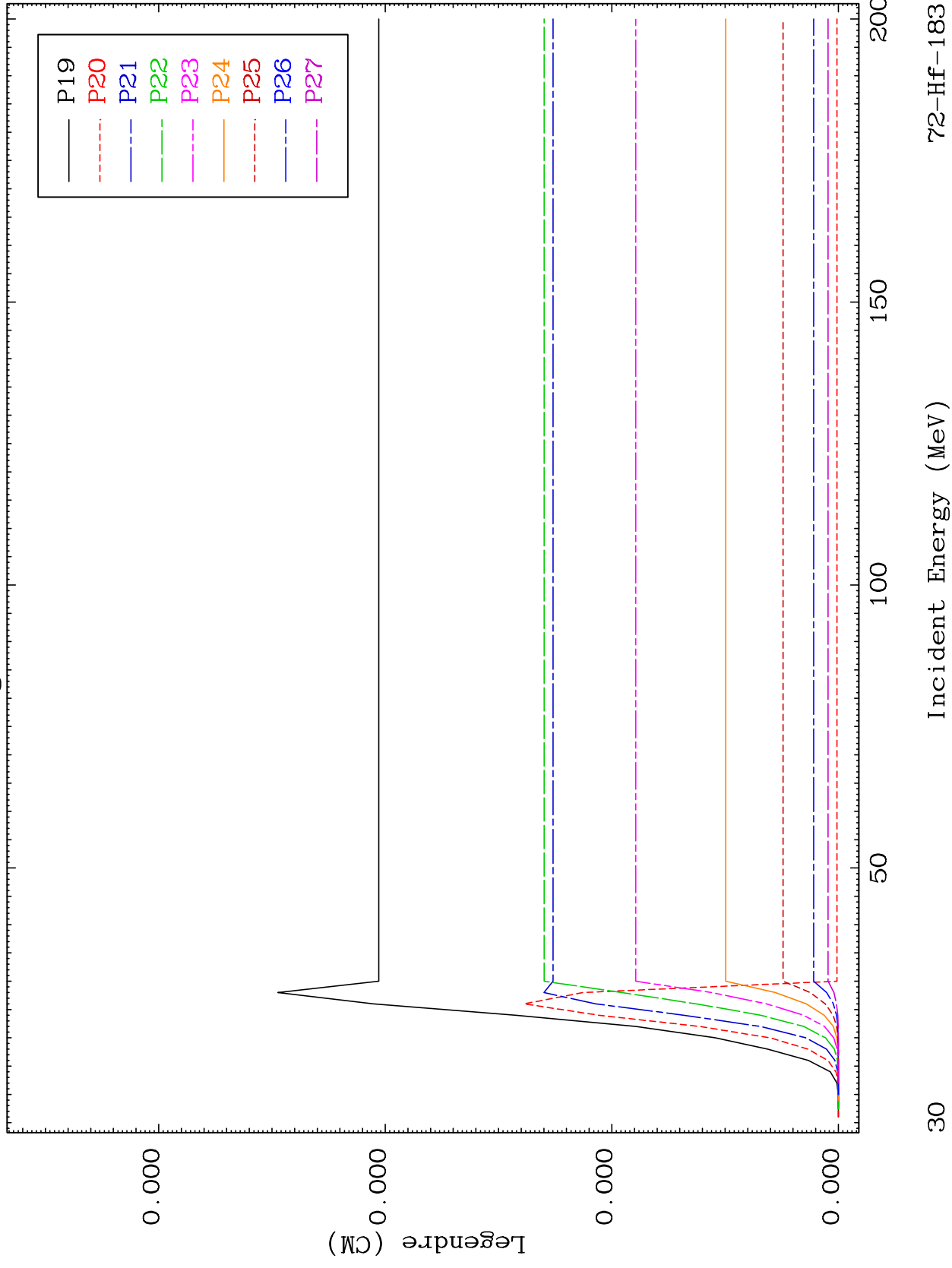




MAT 7252

205.7 keV (n,n') Level
Legendre Coefficients

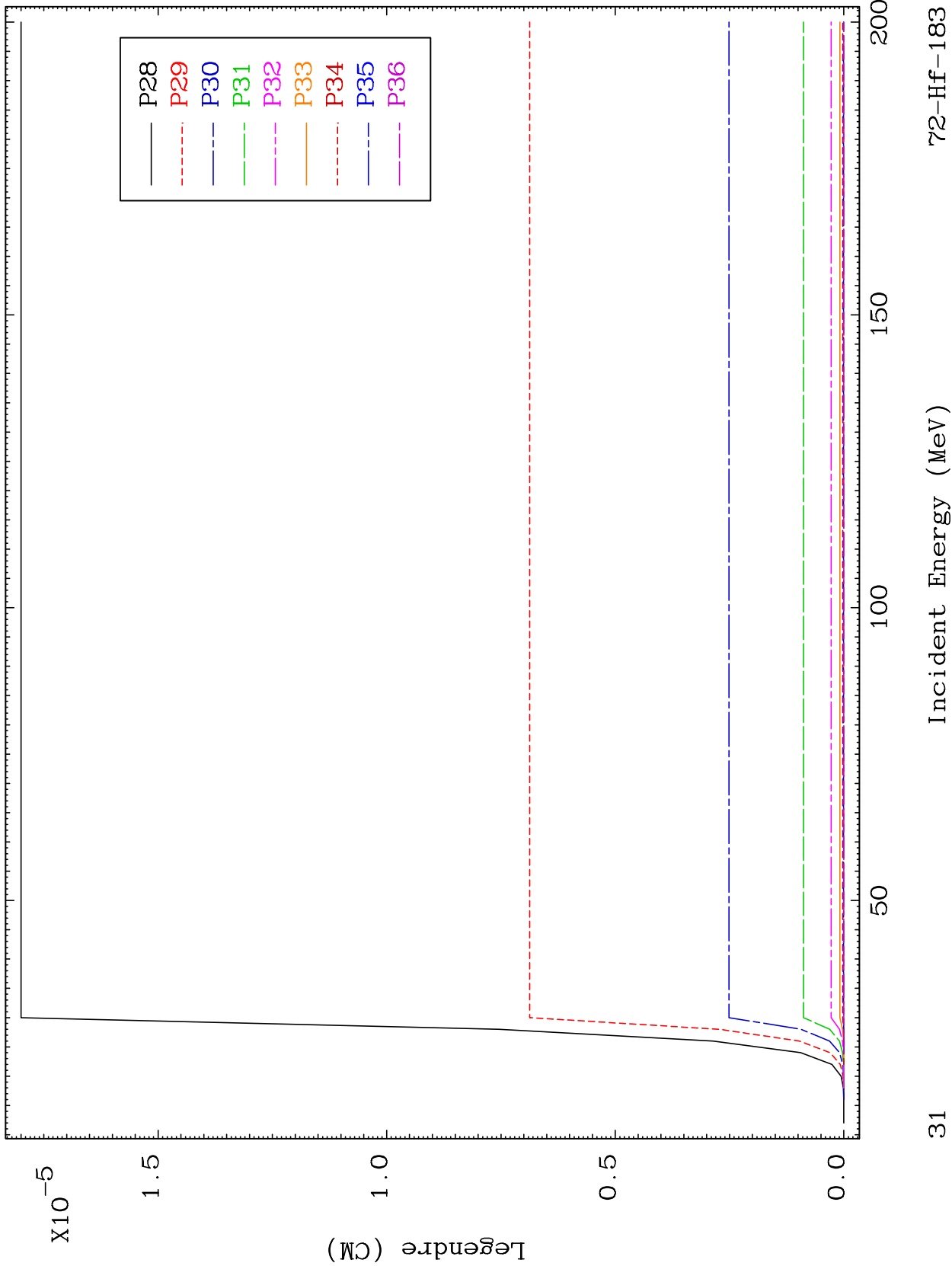
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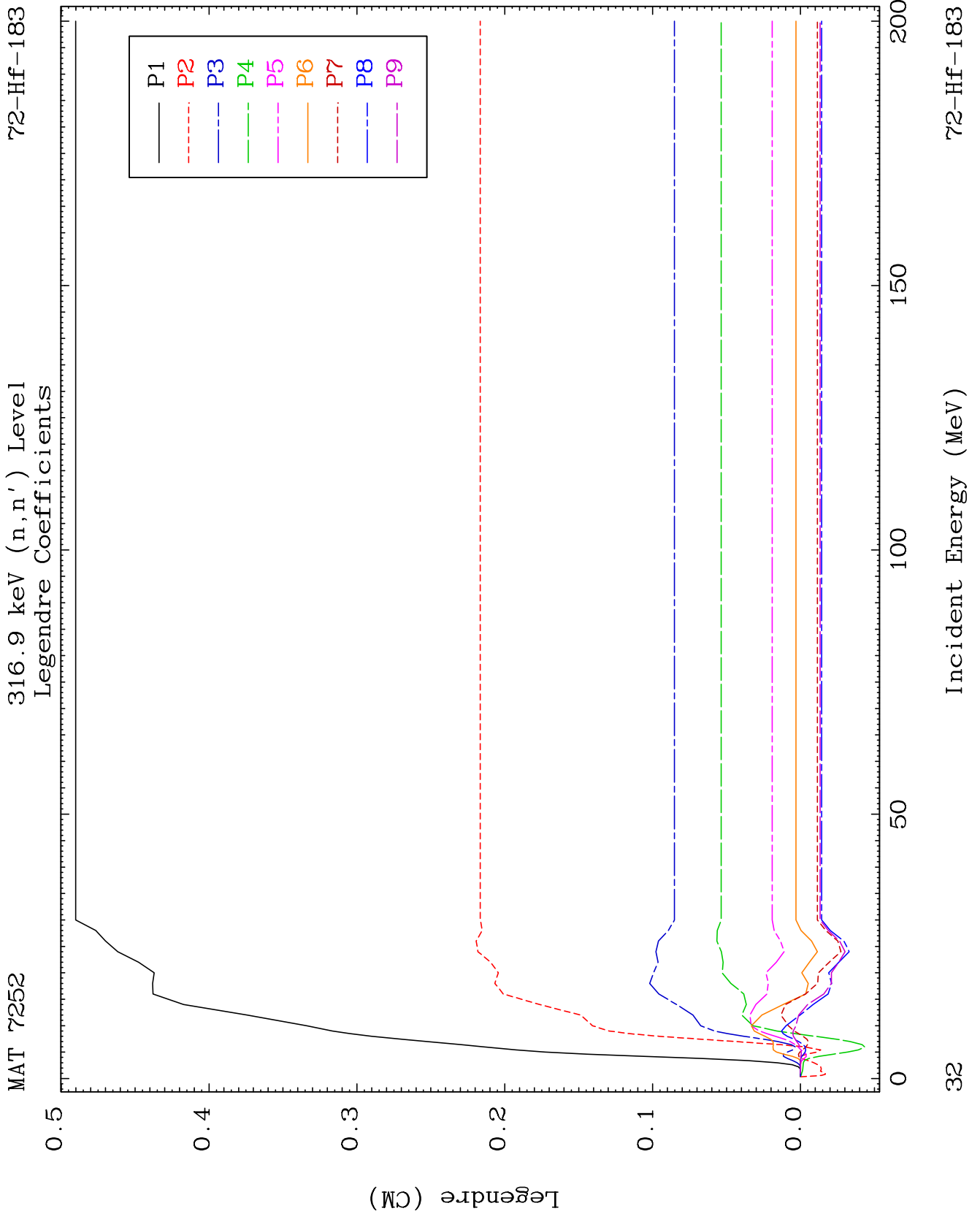


30

Incident Energy (MeV)

72-Hf-183

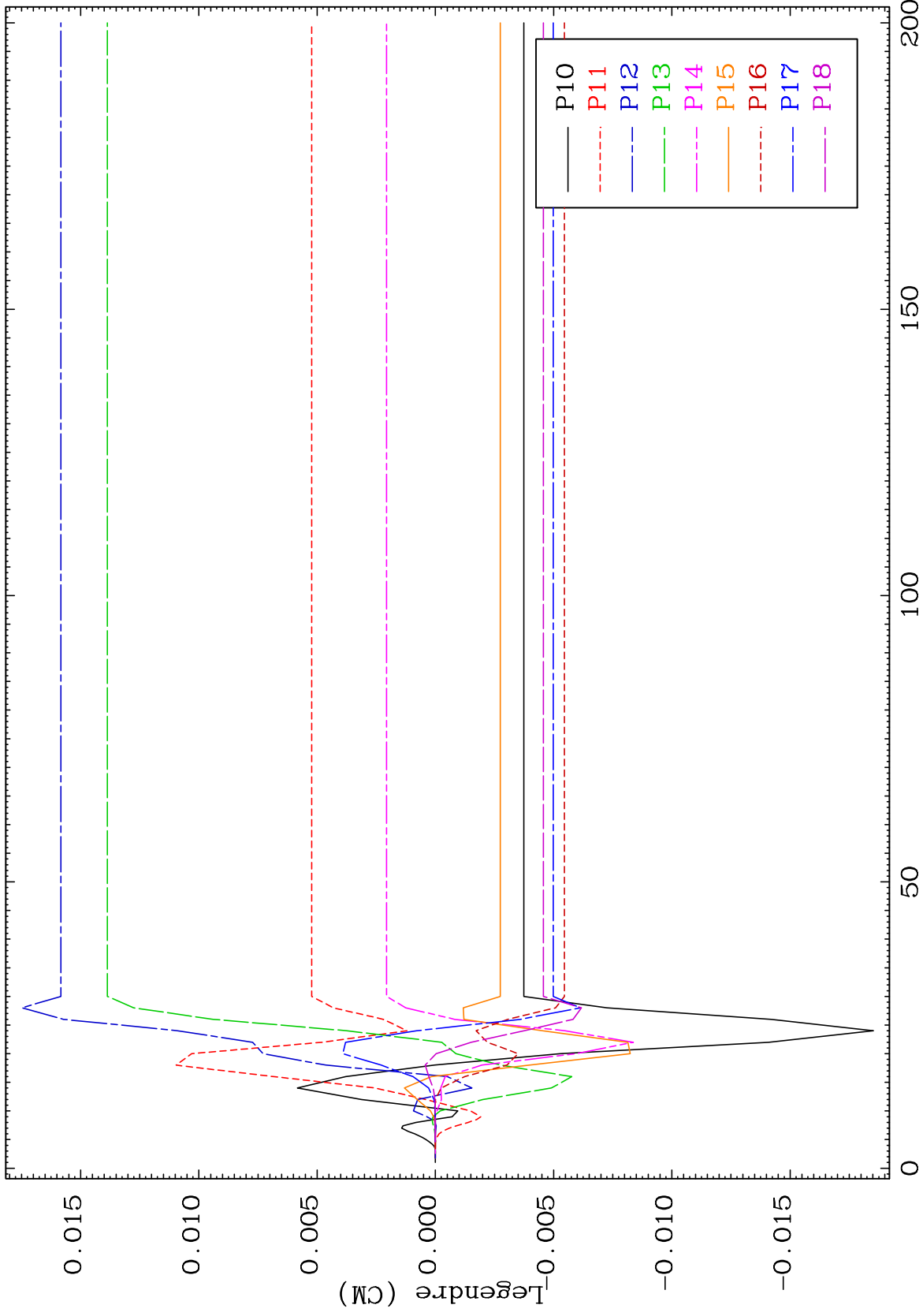




MAT 7252

316.9 keV (n,n') Level
Legendre Coefficients

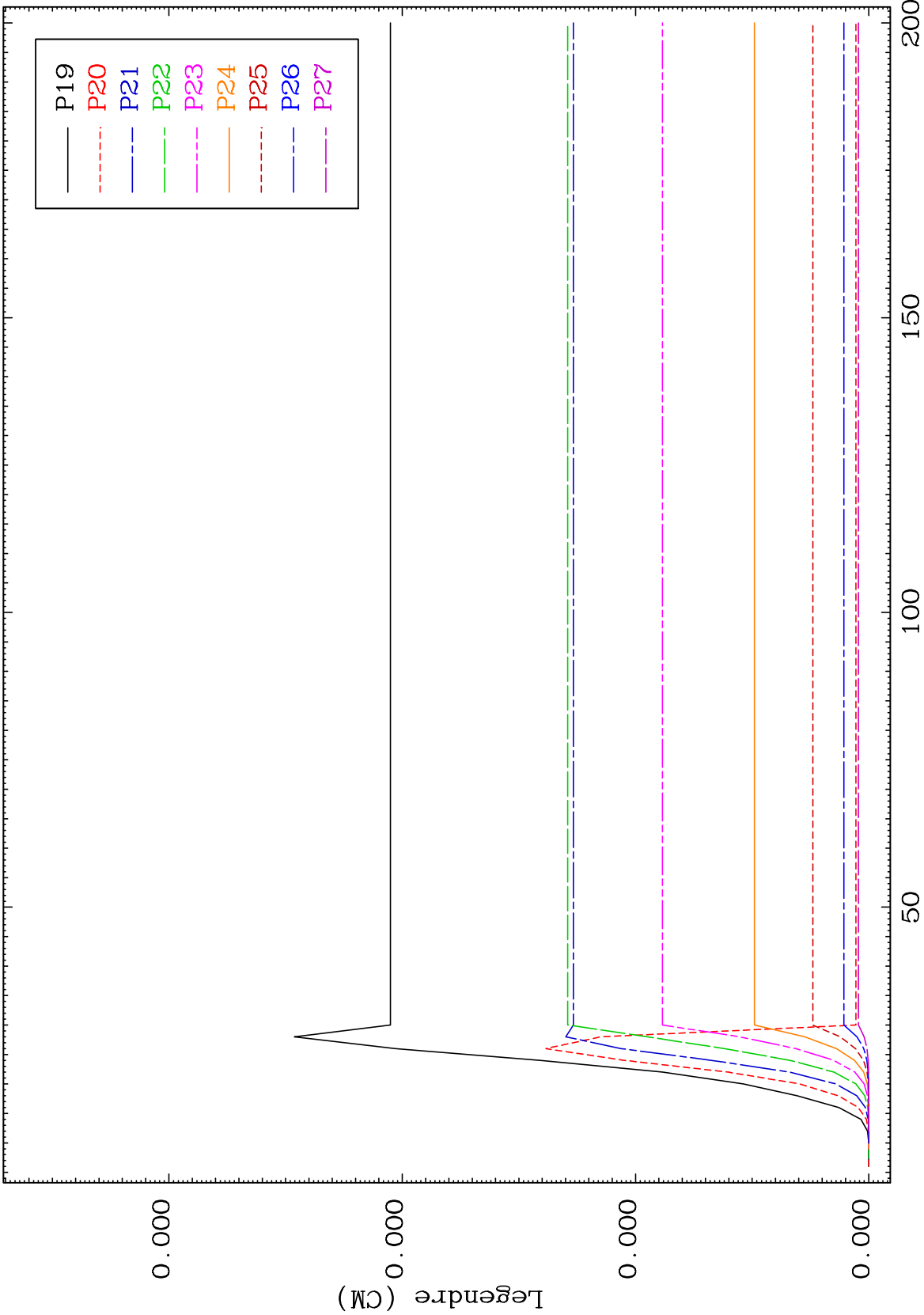
72-Hf-183



MAT 7252

316.9 keV (n,n') Level
Legendre Coefficients

72-Hf-183



34

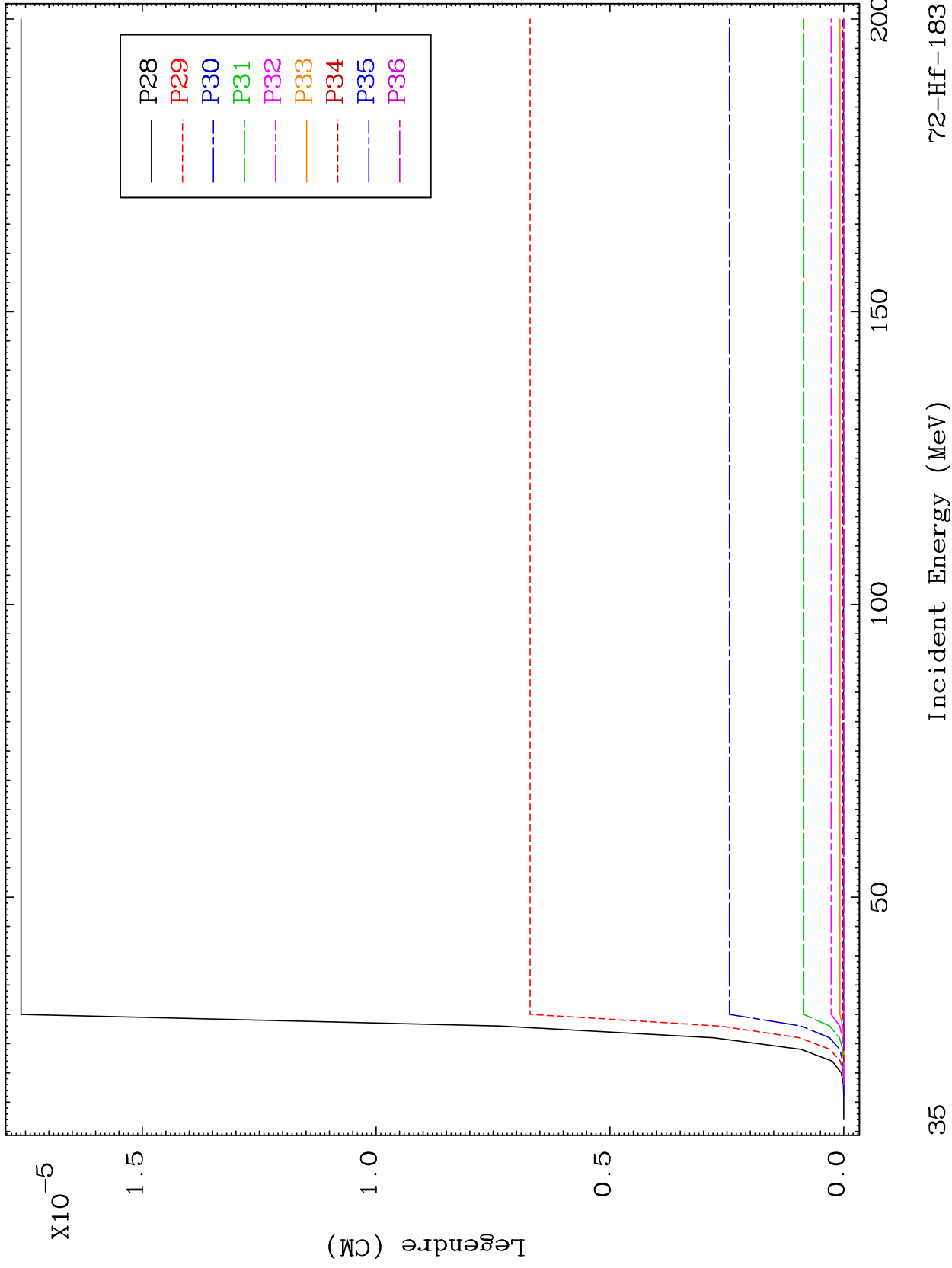
Incident Energy (MeV)

72-Hf-183

MAT 7252

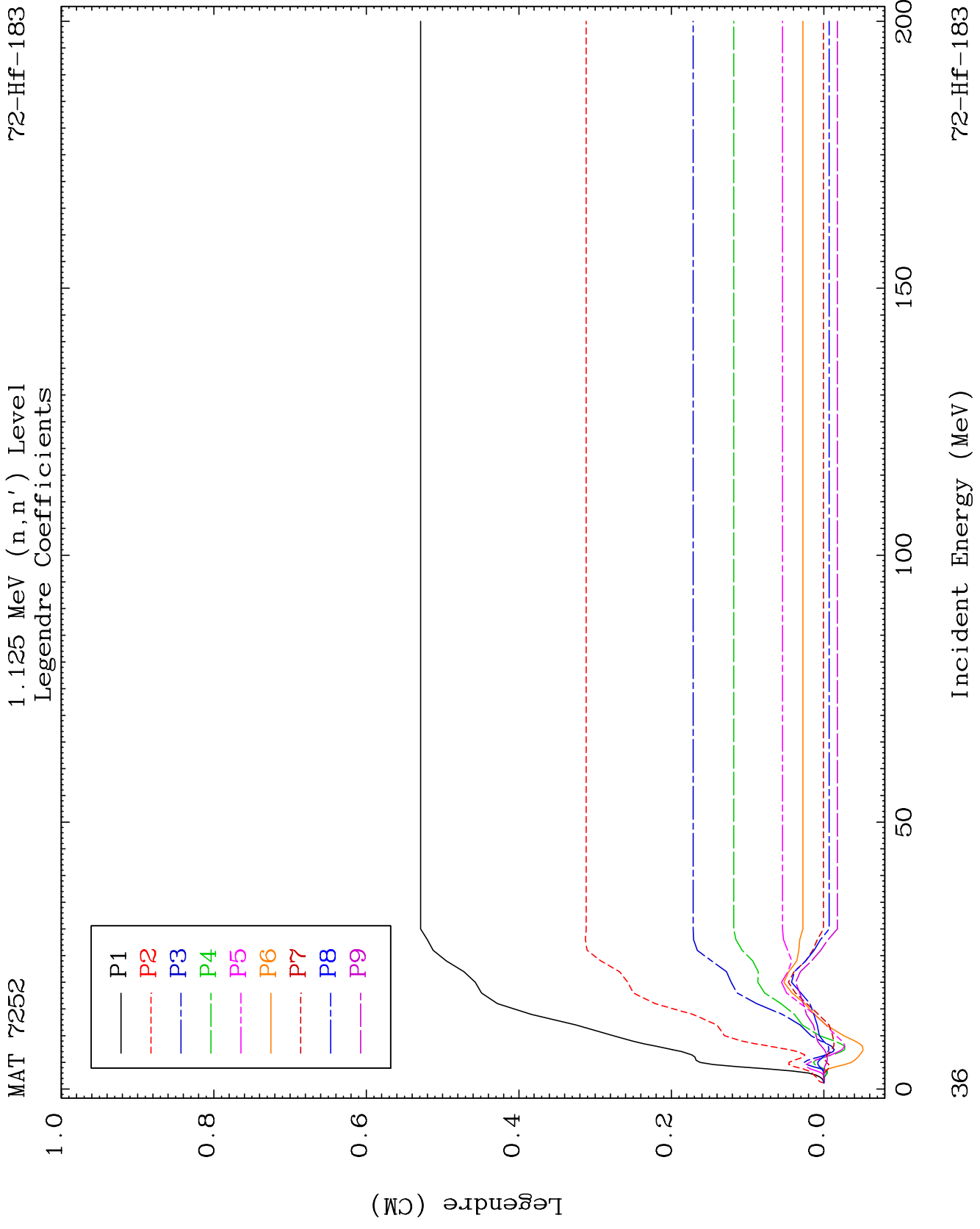
316.9 keV (n,n') Level
Legendre Coefficients

72-Hf-183



35

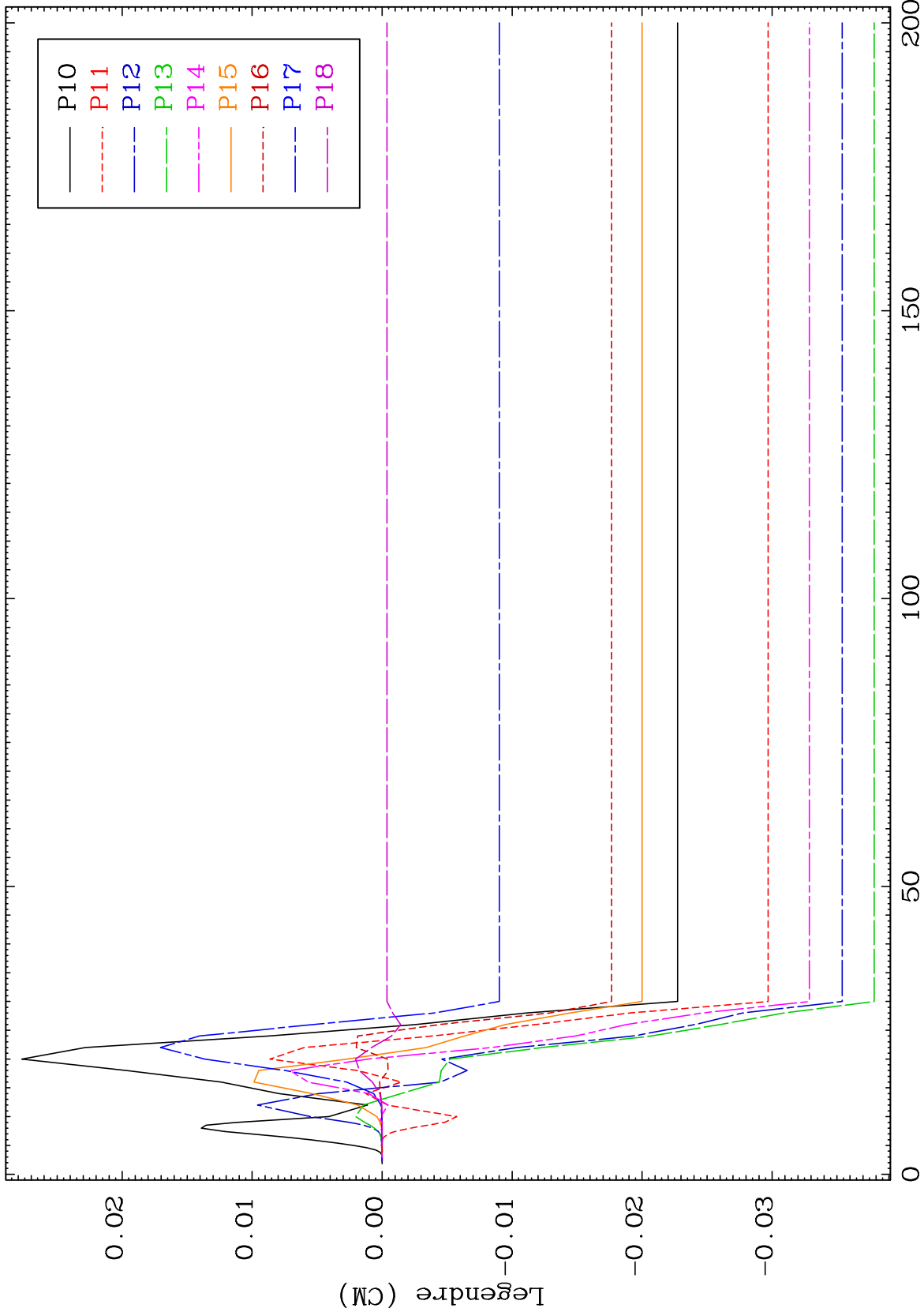
72-Hf-183



MAT 7252

1.125 MeV (n,n') Level
Legendre Coefficients

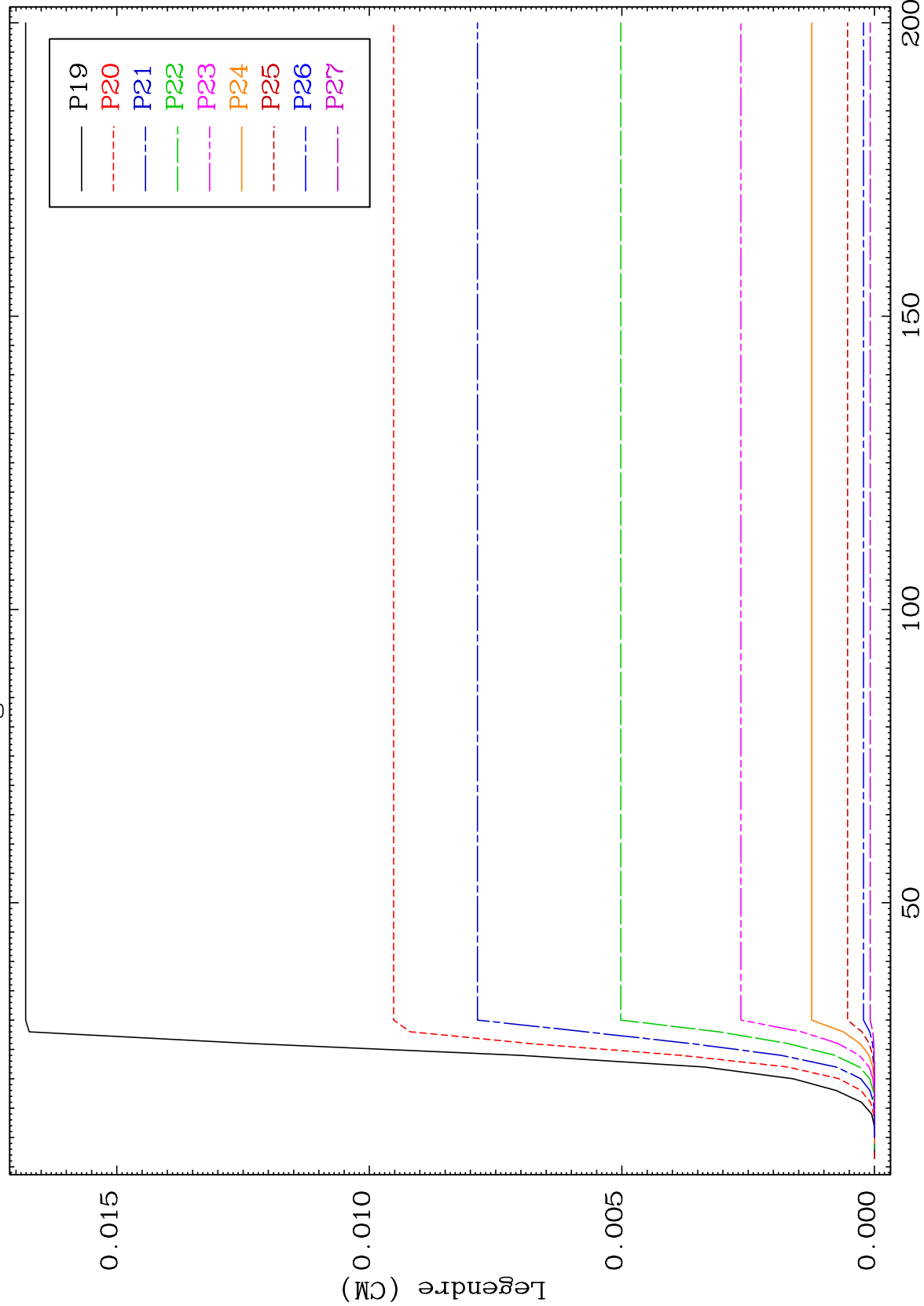
72-Hf-183



37

Incident Energy (MeV)

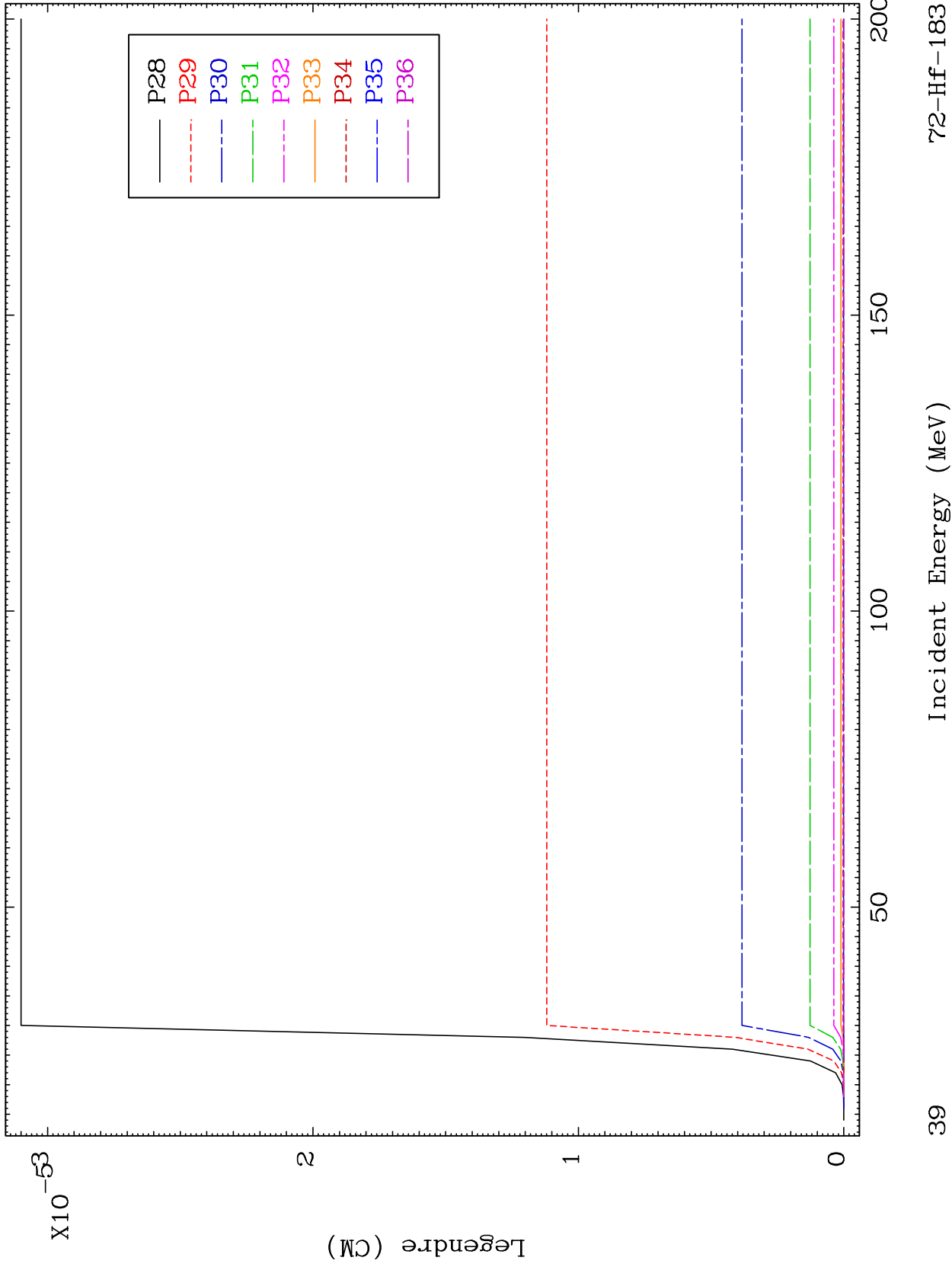
72-Hf-183



MAT 7252

1.125 MeV (n,n') Level
Legendre Coefficients

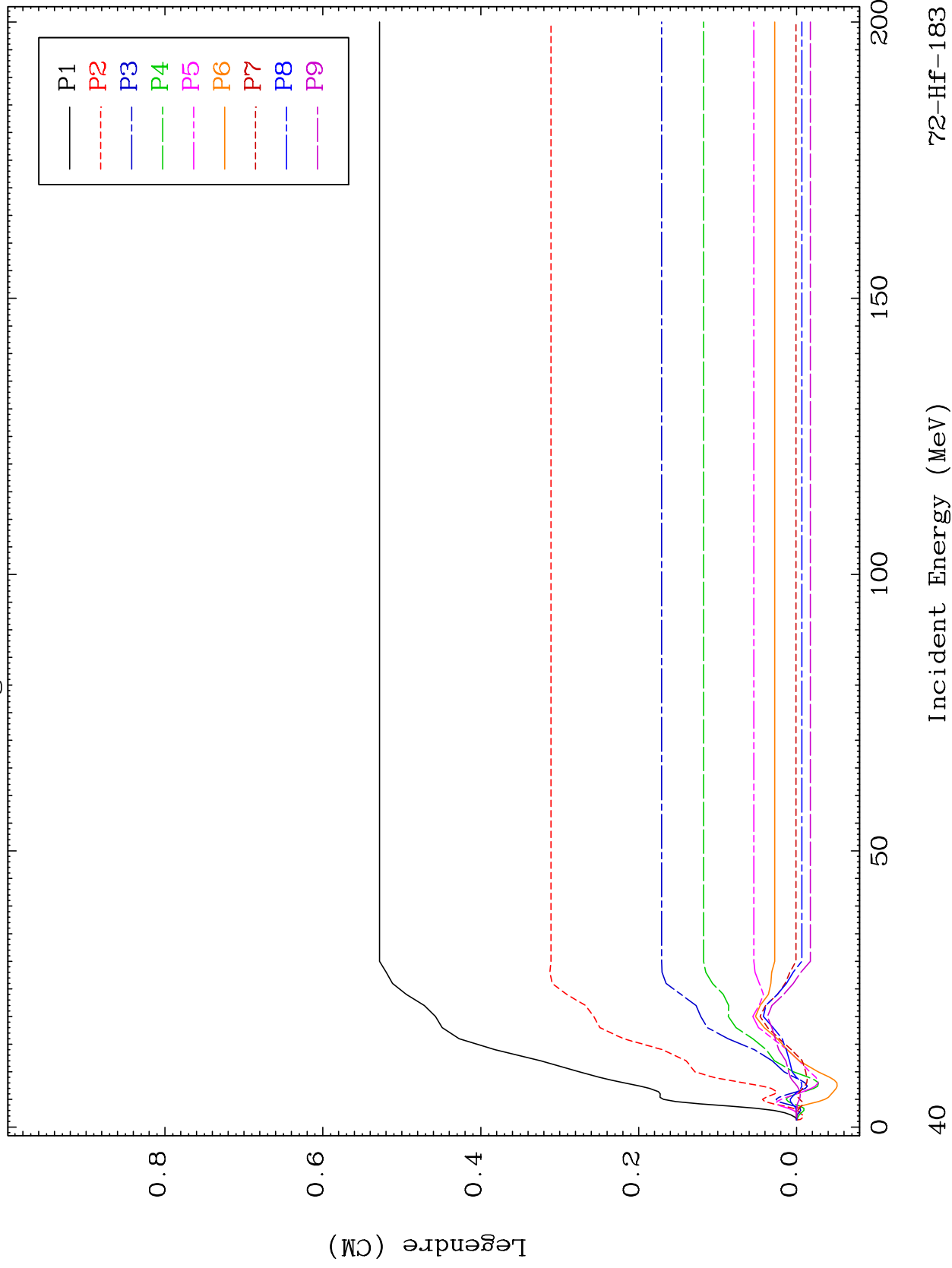
72-Hf-183



MAT 7252

1.256 MeV (n,n') Level
Legendre Coefficients

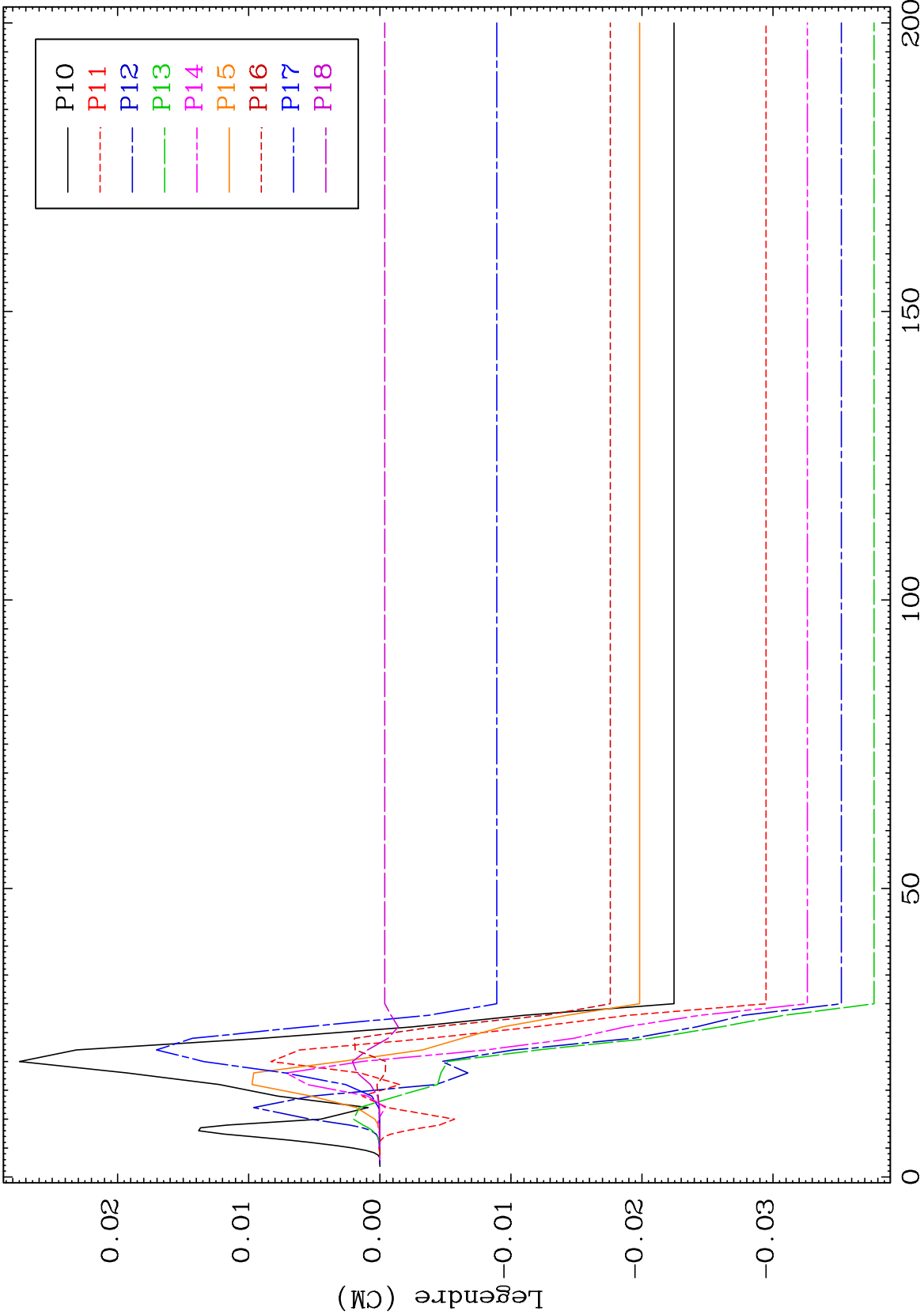
72-Hf-183



72-Hf-183

Incident Energy (MeV)

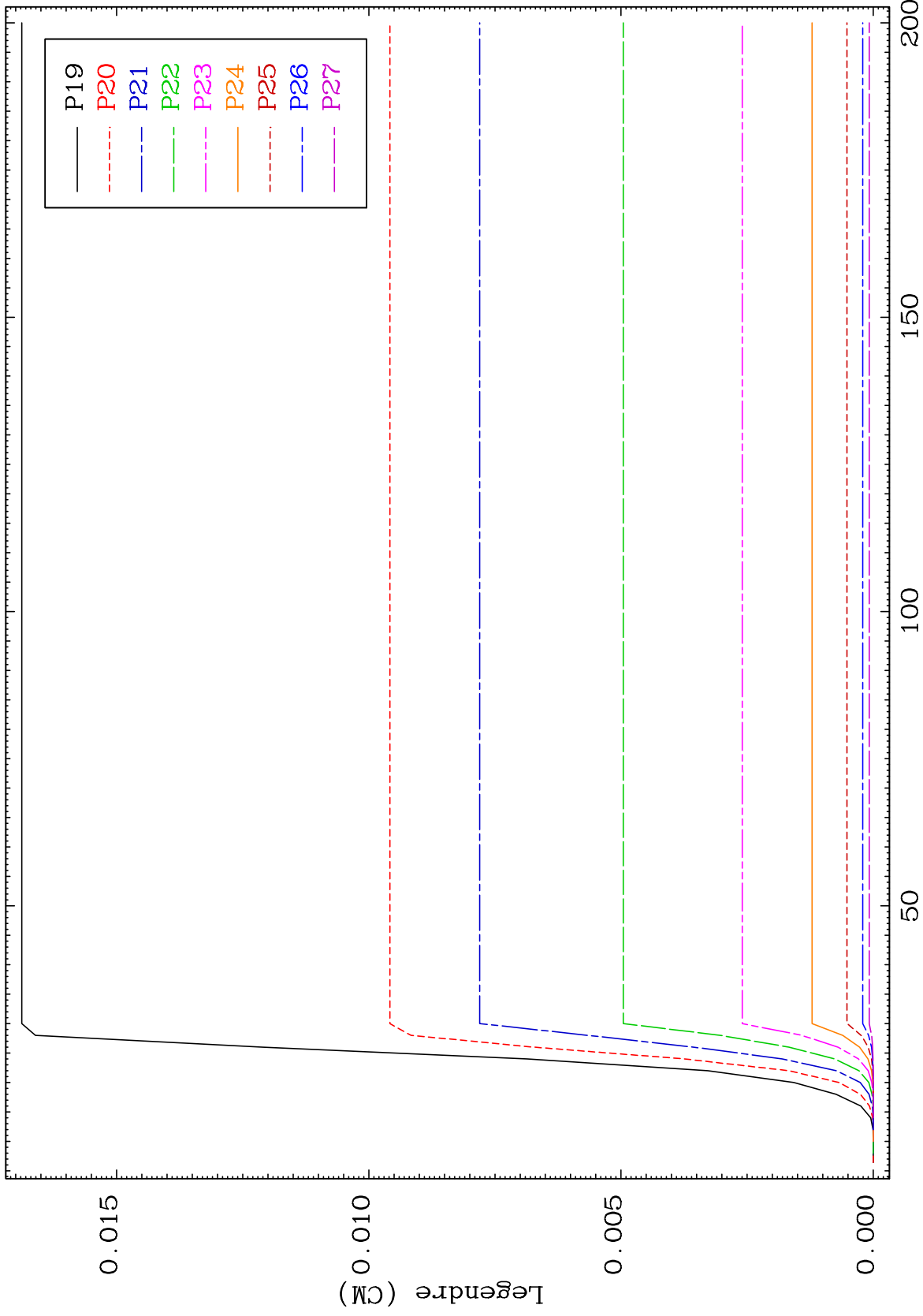
40



MAT 7252

1.256 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



42

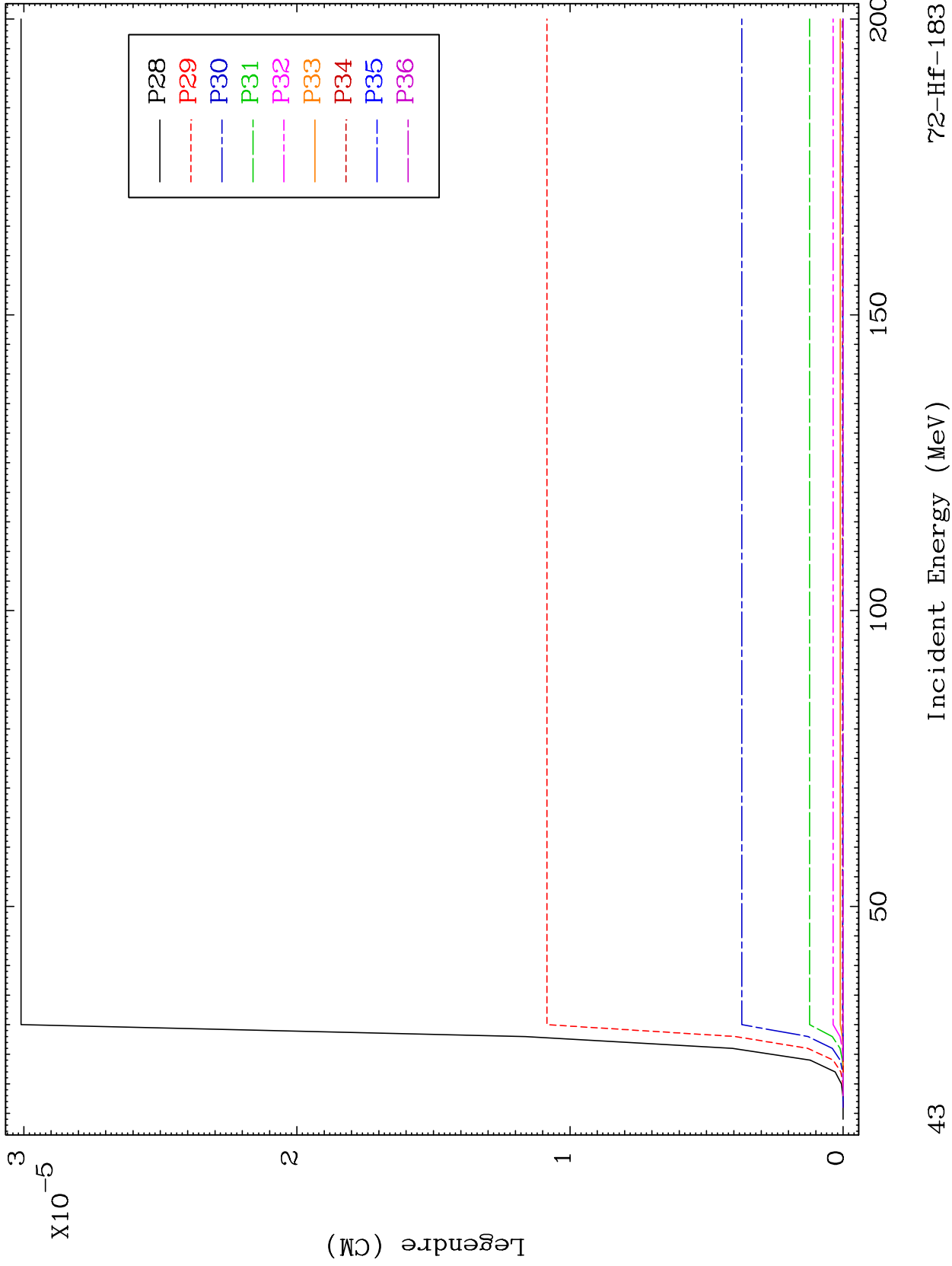
Incident Energy (MeV)

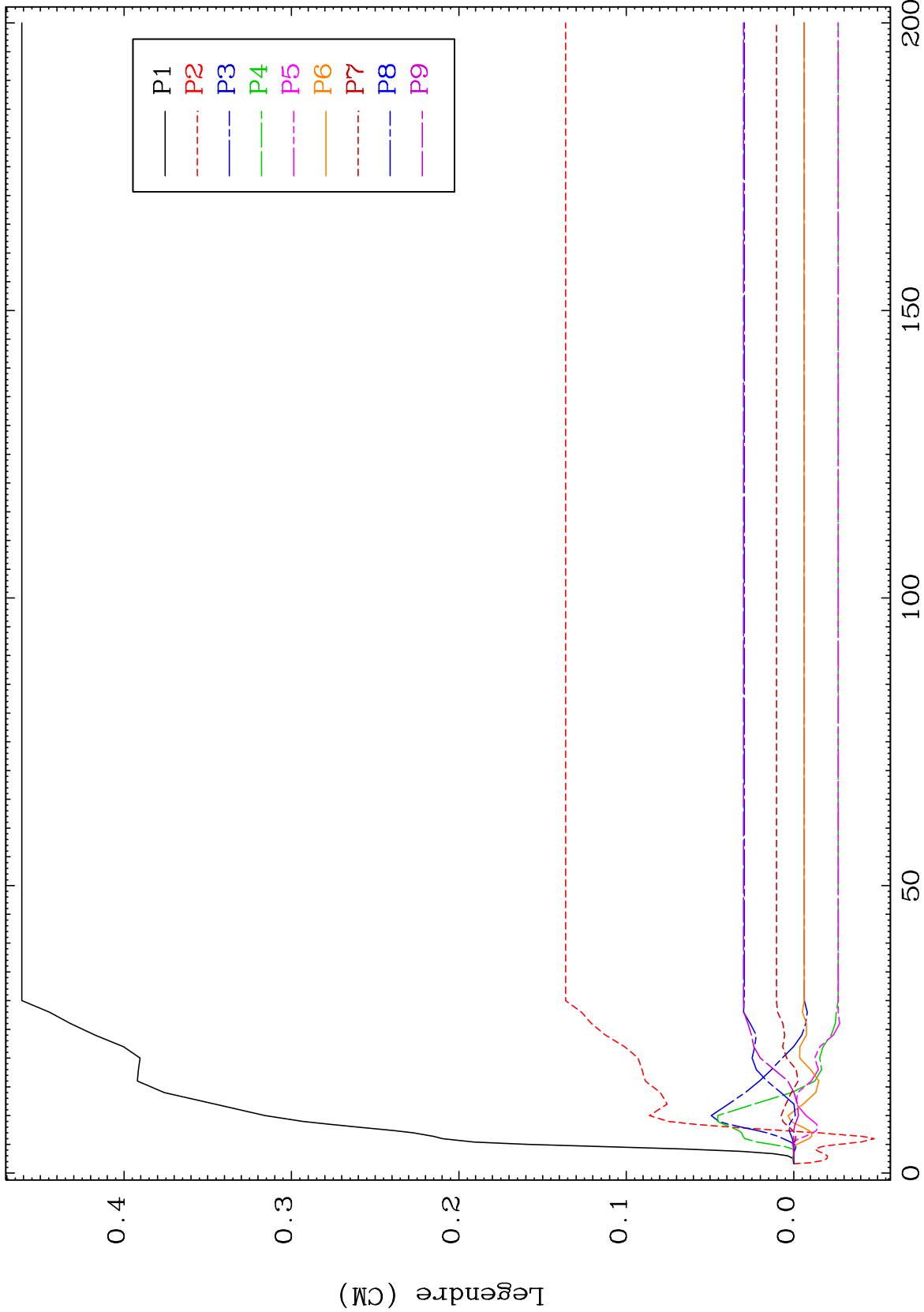
72-Hf-183

MAT 7252

1.256 MeV (n,n') Level
Legendre Coefficients

72-Hf-183

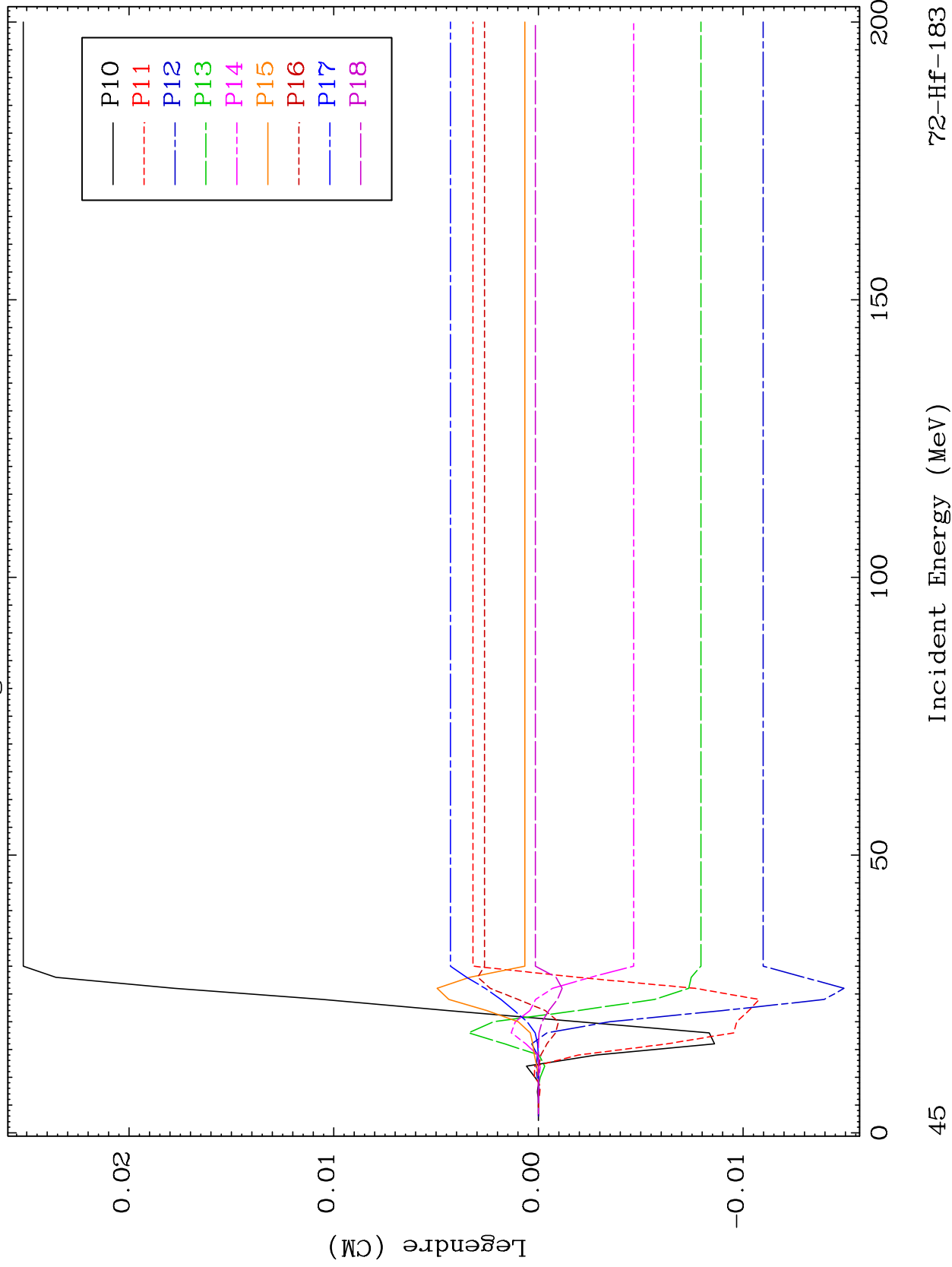




MAT 7252

1.605 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

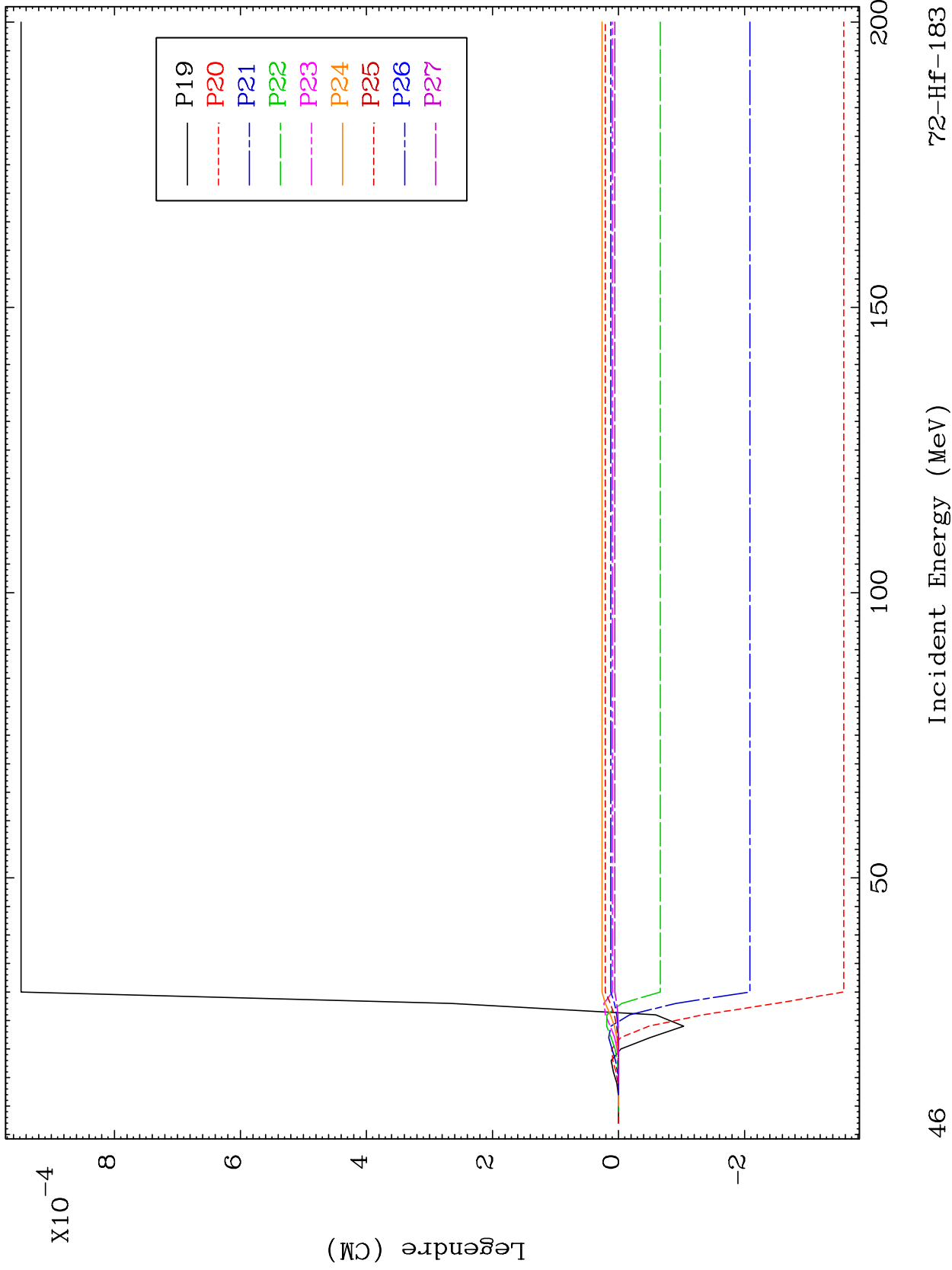
Incident Energy (MeV)

45

MAT 7252

1.605 MeV (n,n') Level
Legendre Coefficients

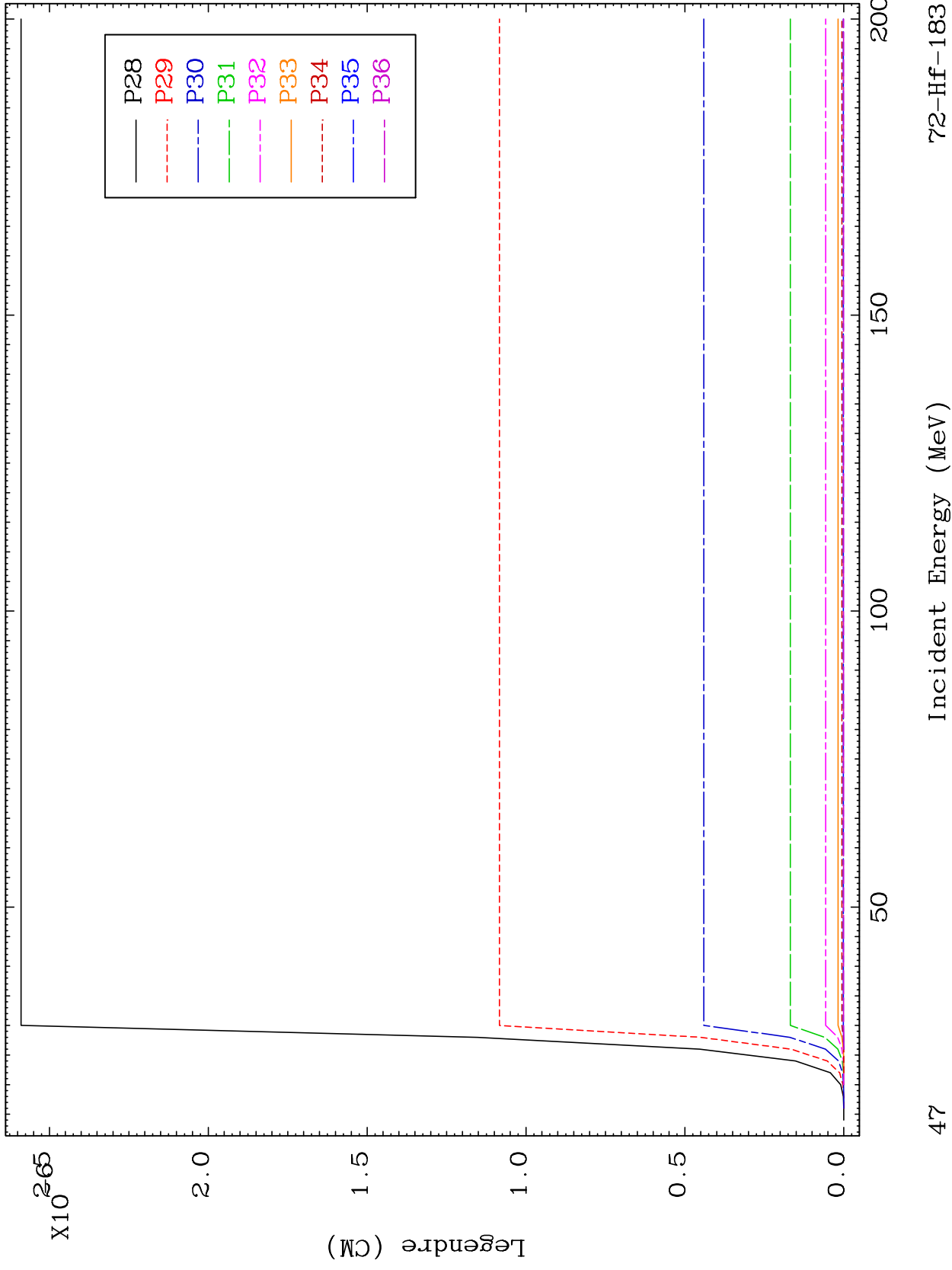
72-Hf-183



MAT 7252

1.605 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



47

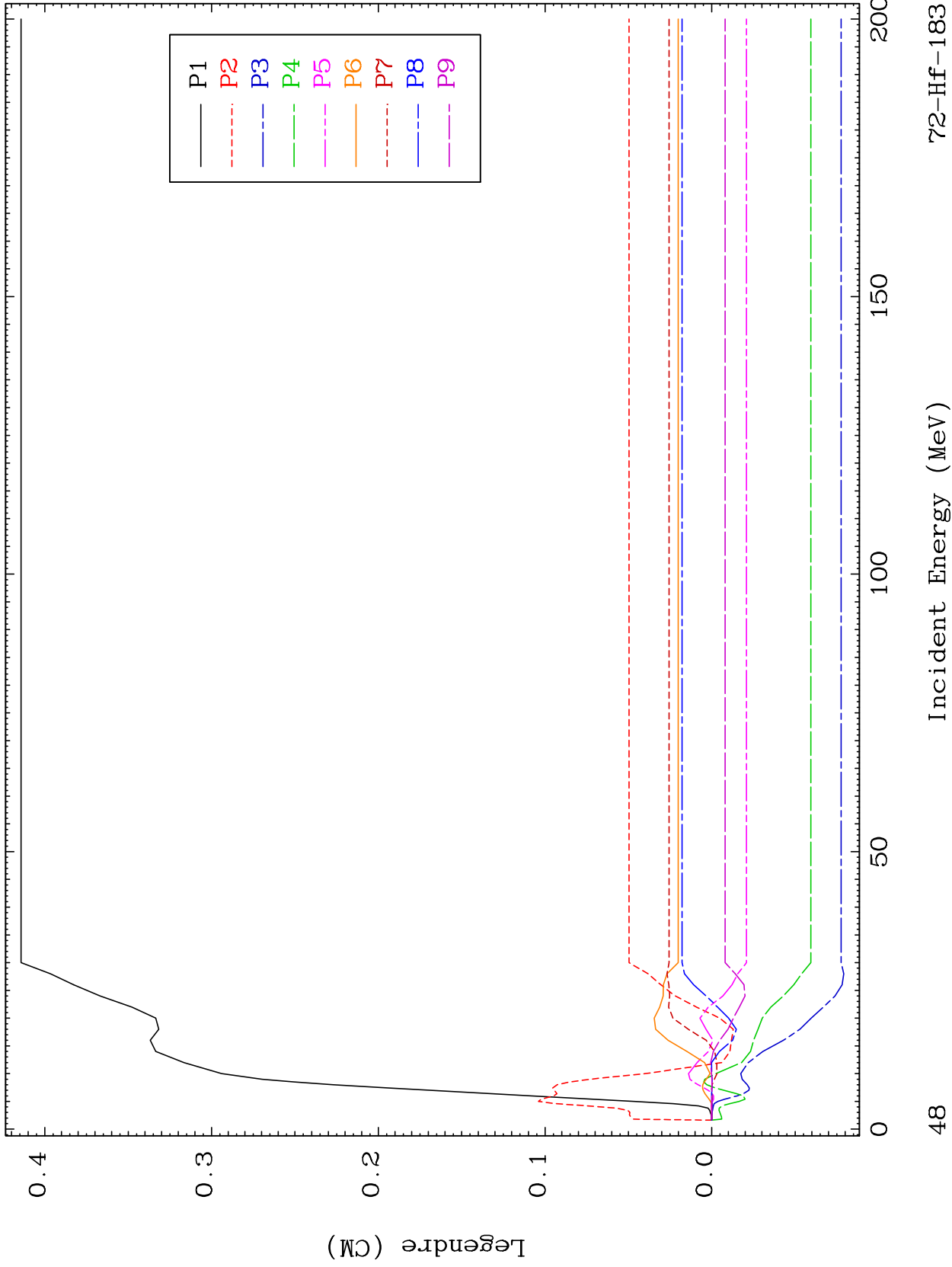
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.606 MeV (n,n') Level
Legendre Coefficients

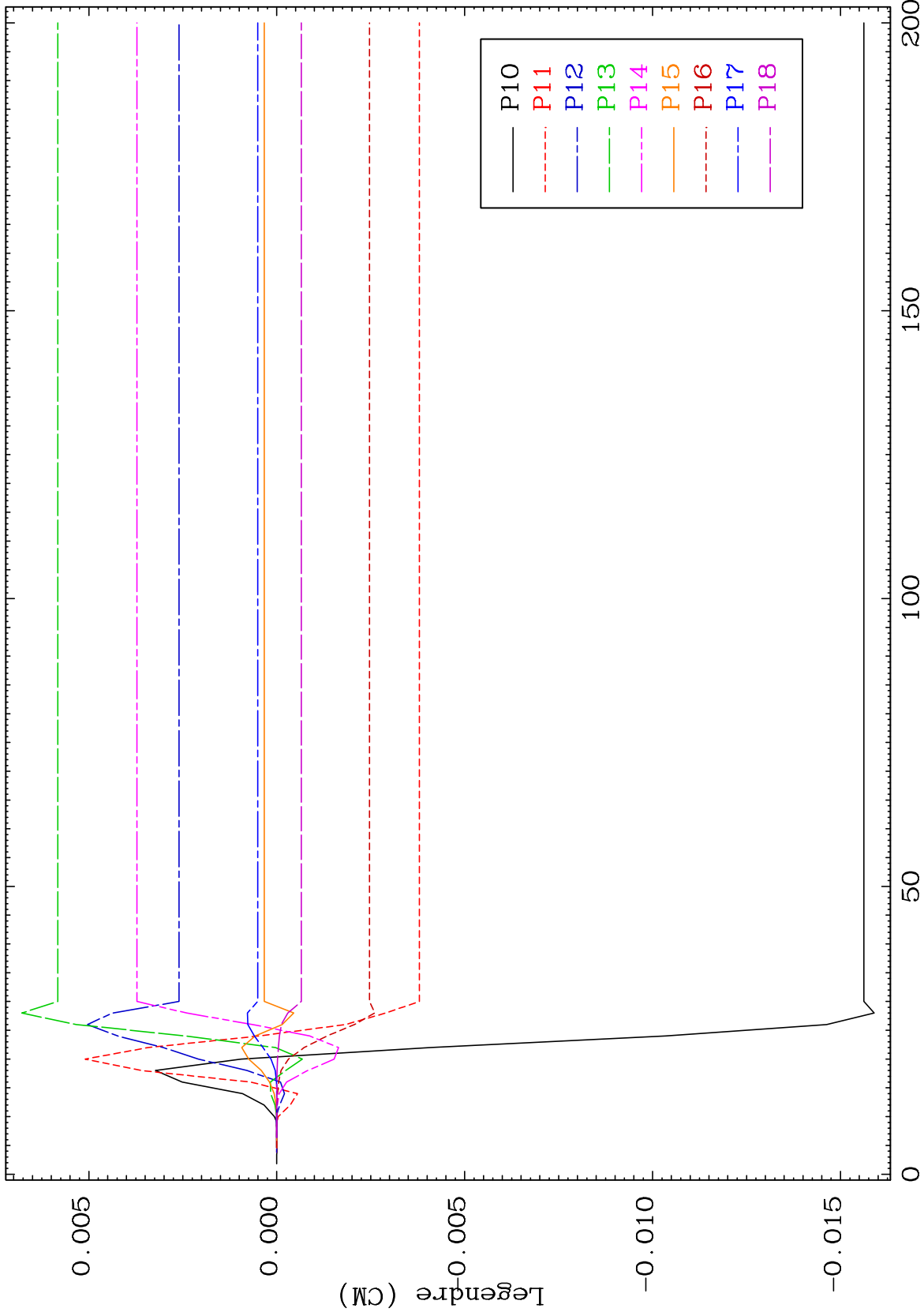
72-Hf-183



72-Hf-183

Incident Energy (MeV)

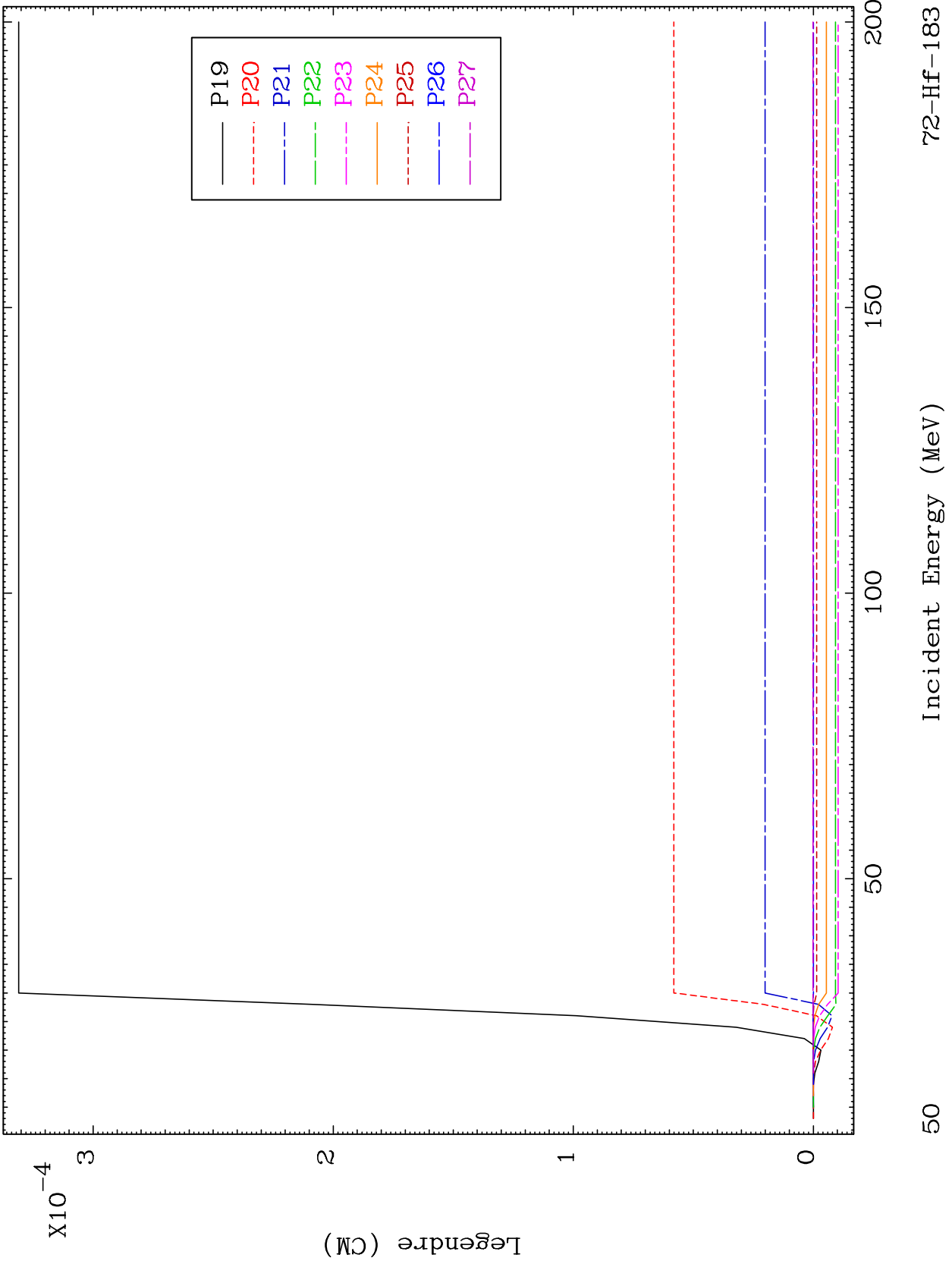
48



MAT 7252

1.606 MeV (n,n') Level
Legendre Coefficients

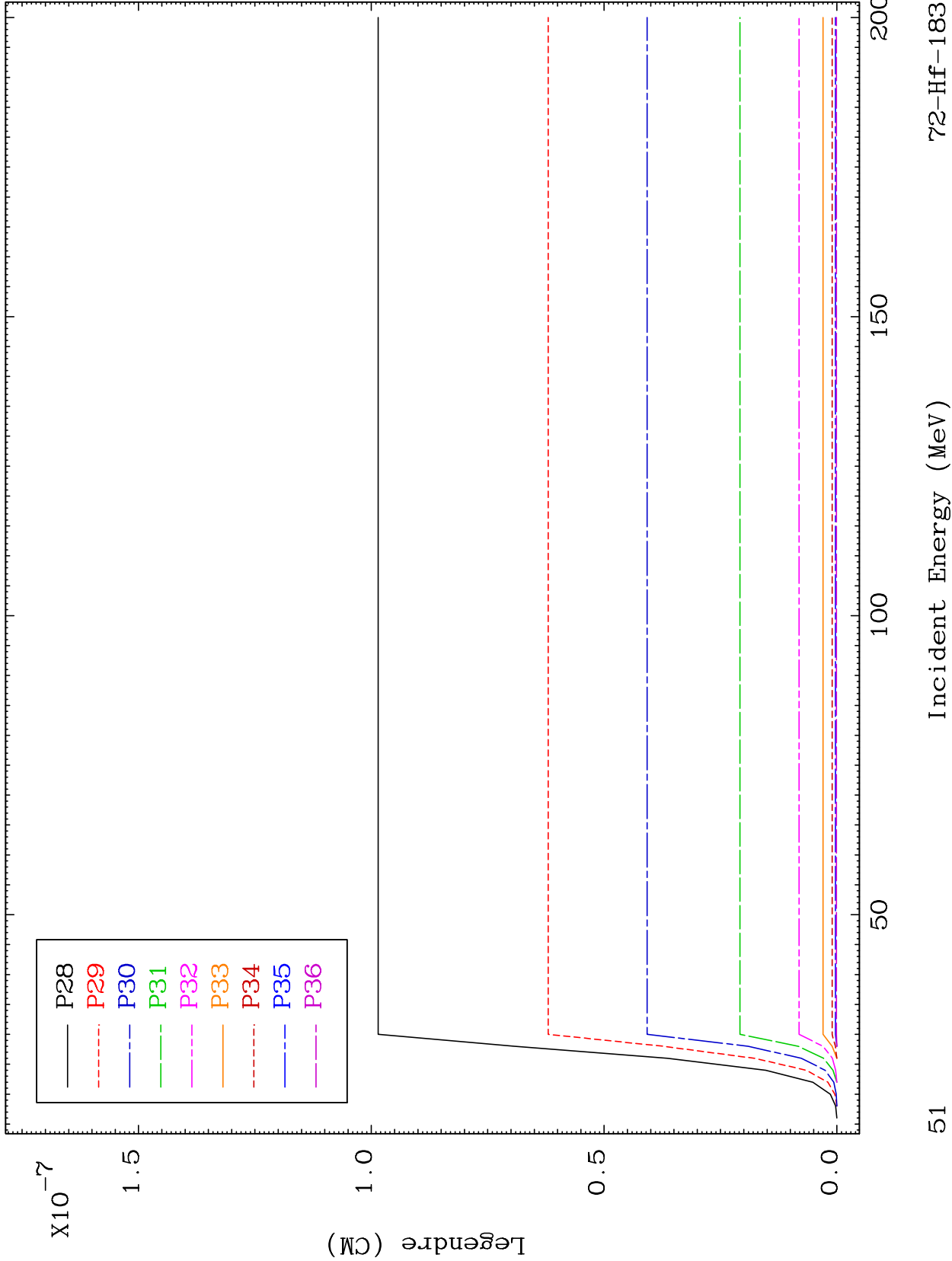
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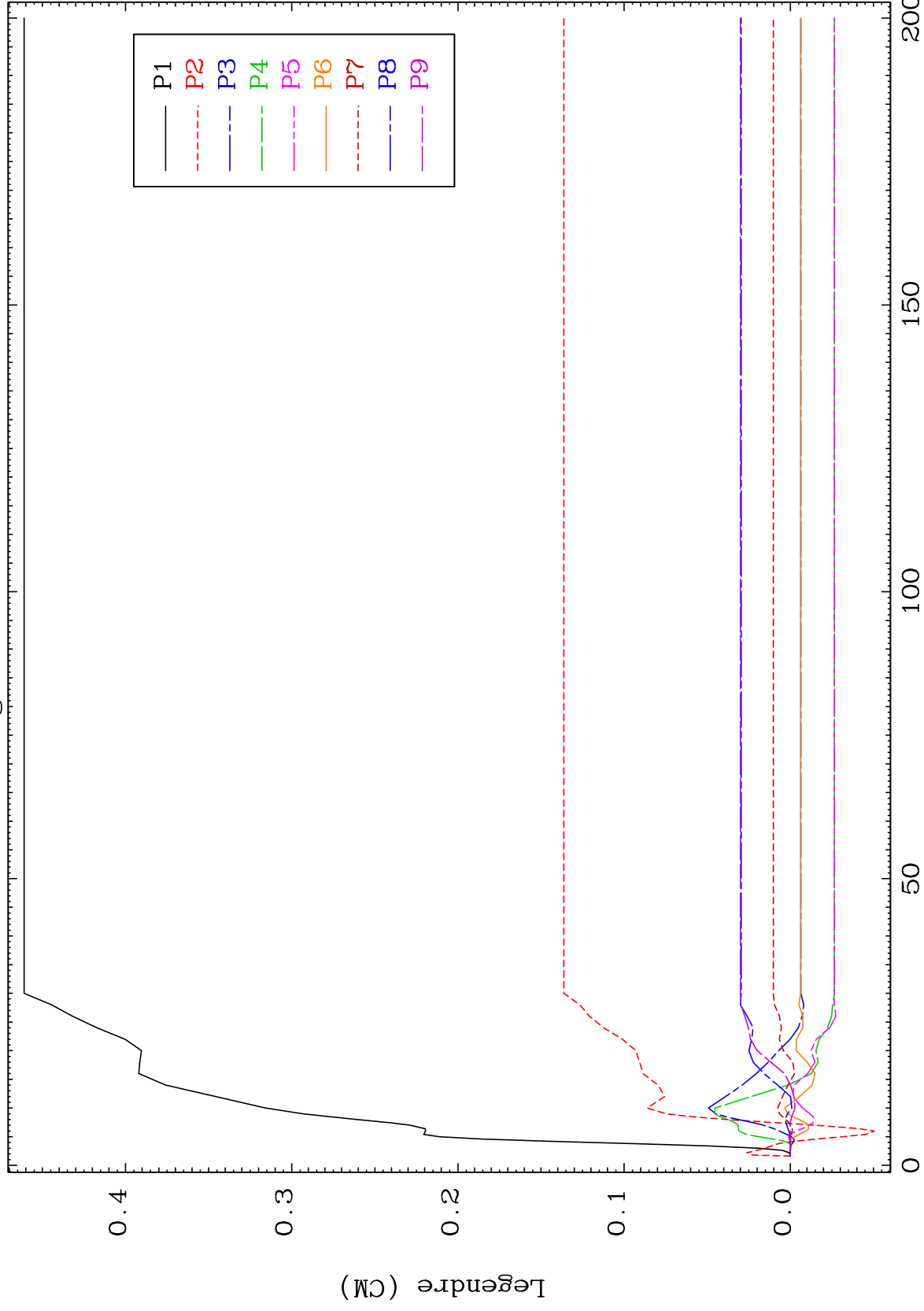


50

Incident Energy (MeV)

72-Hf-183

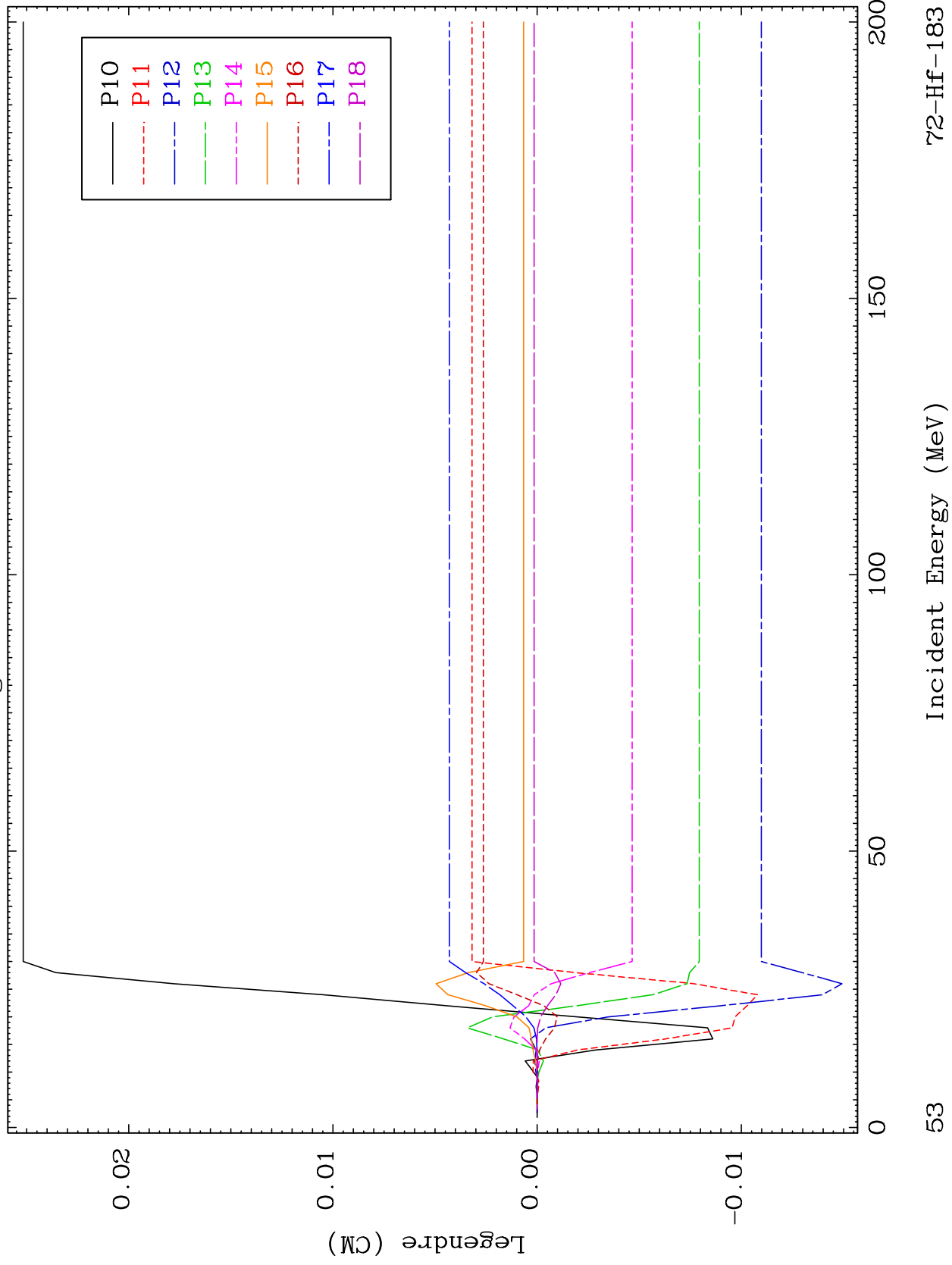




MAT 7252

1.607 MeV (n,n') Level
Legendre Coefficients

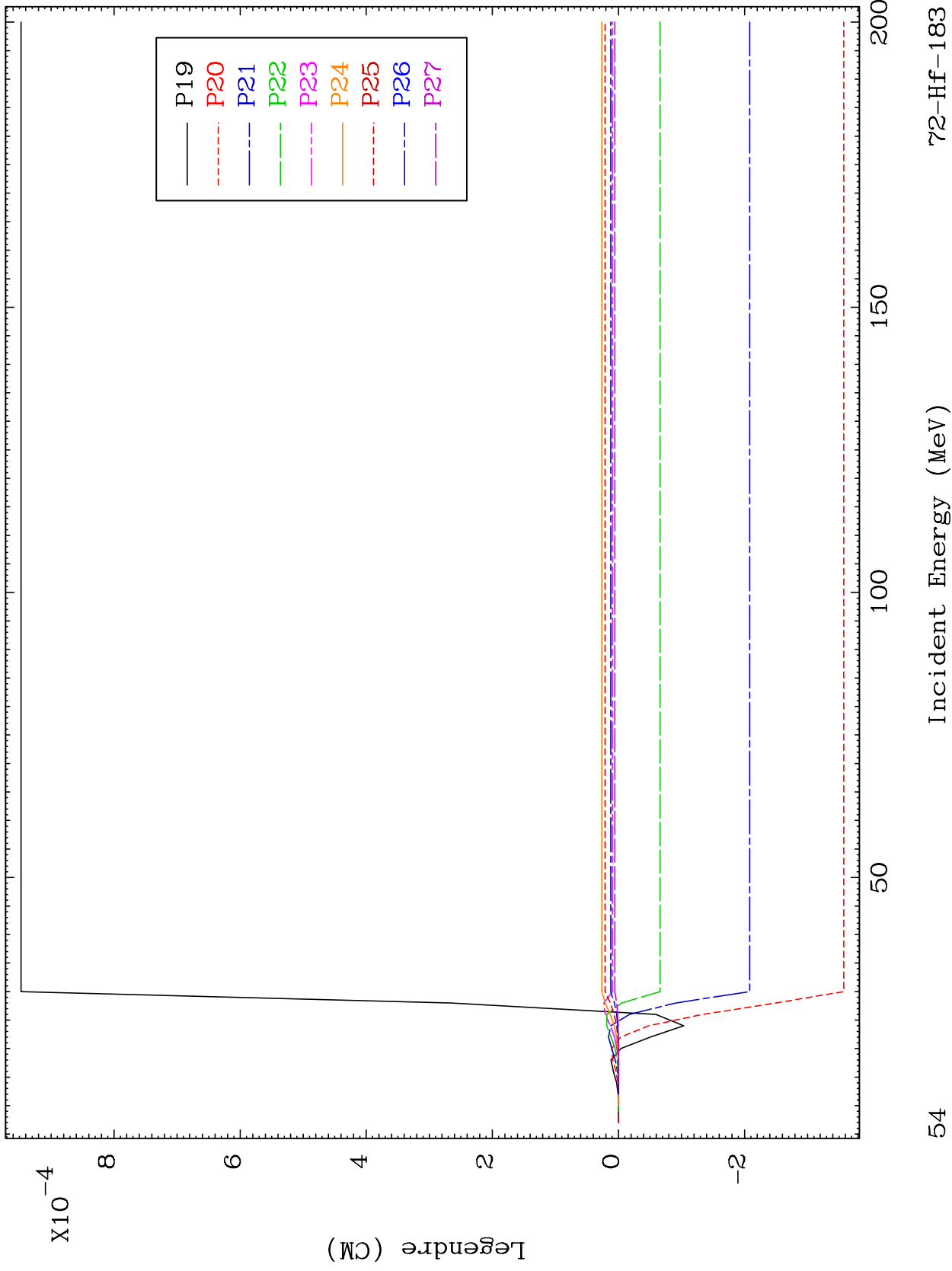
72-Hf-183



53

Incident Energy (MeV)

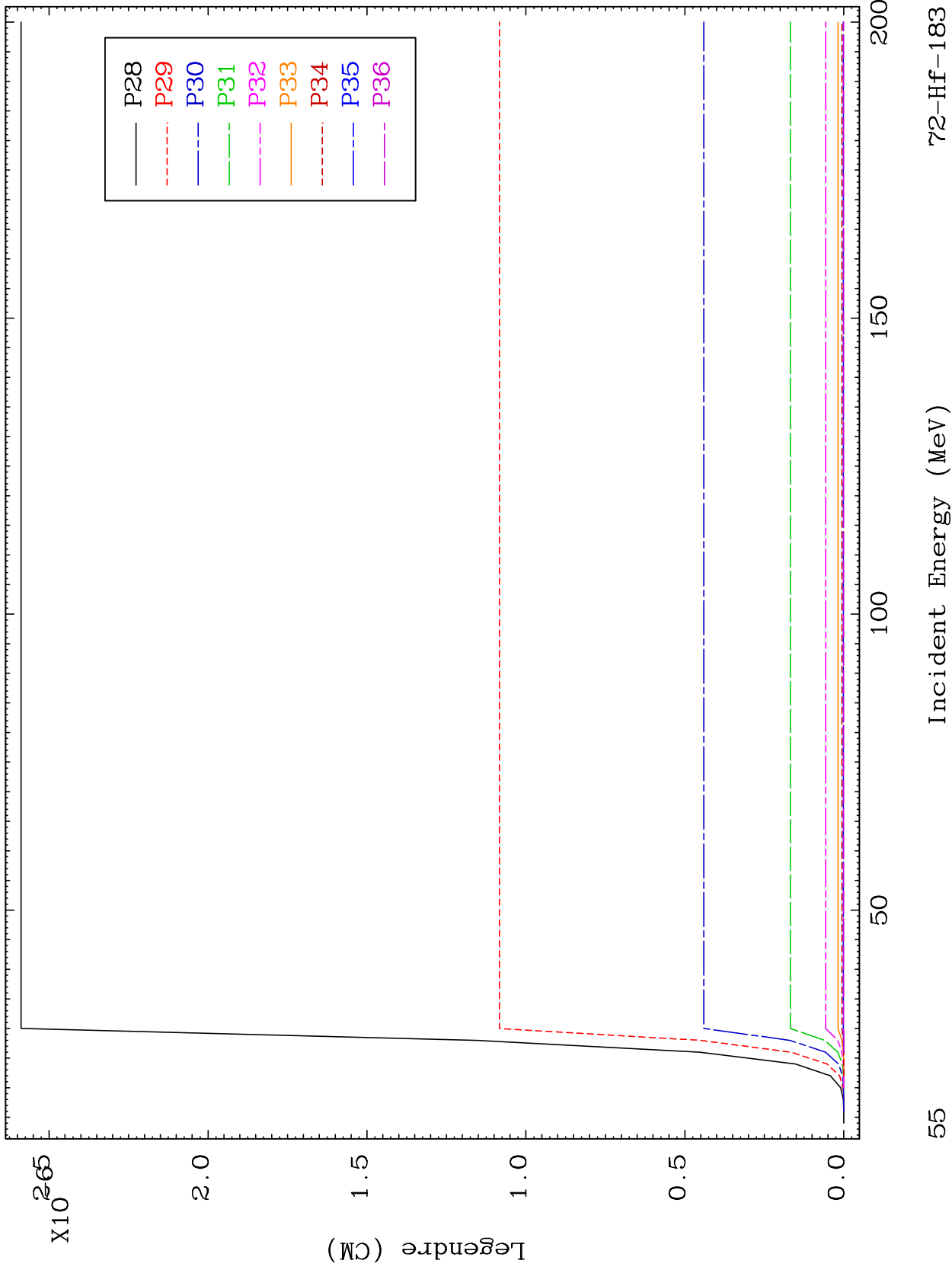
72-Hf-183



MAT 7252

1.607 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



55

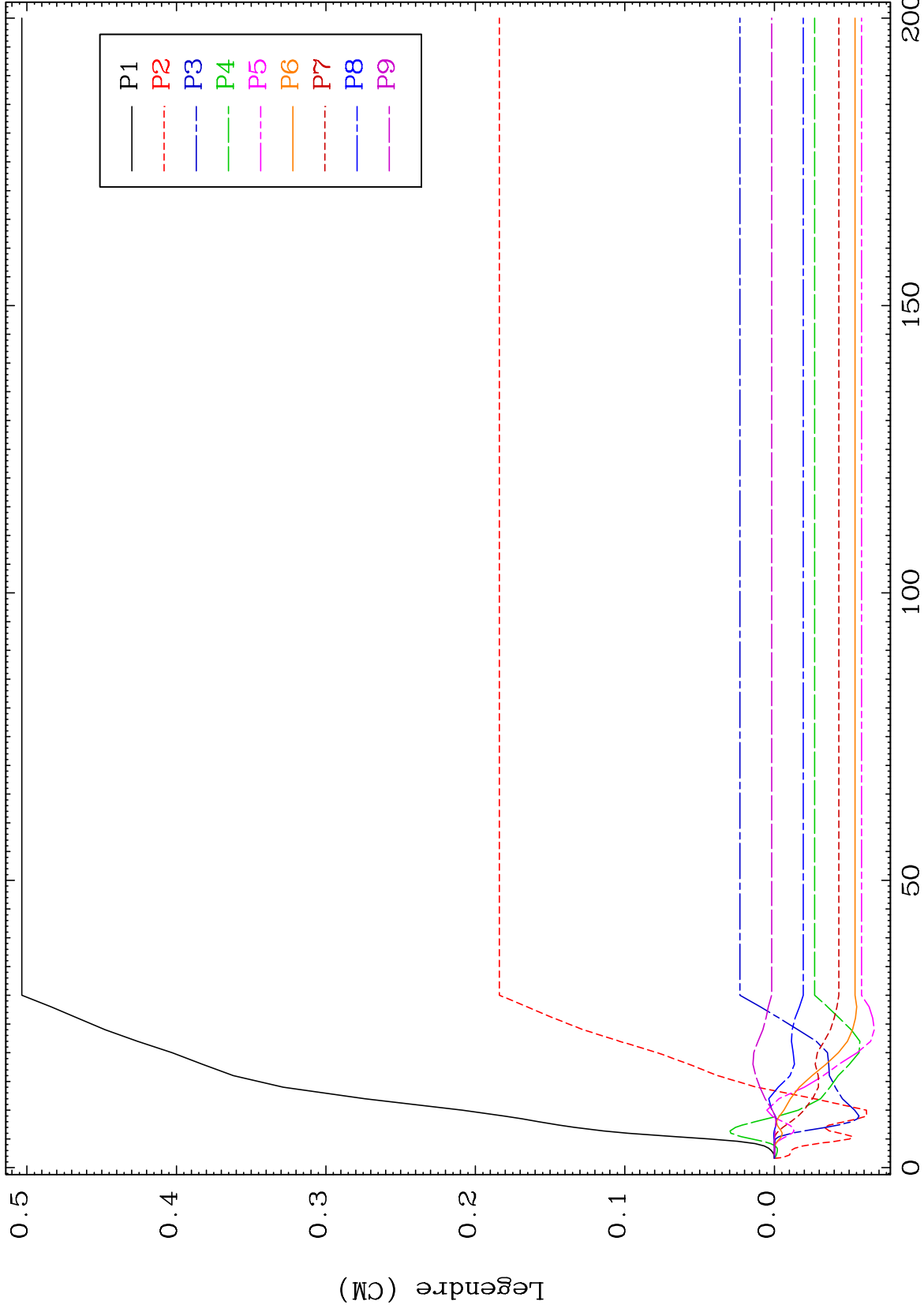
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.608 MeV (n,n') Level
Legendre Coefficients

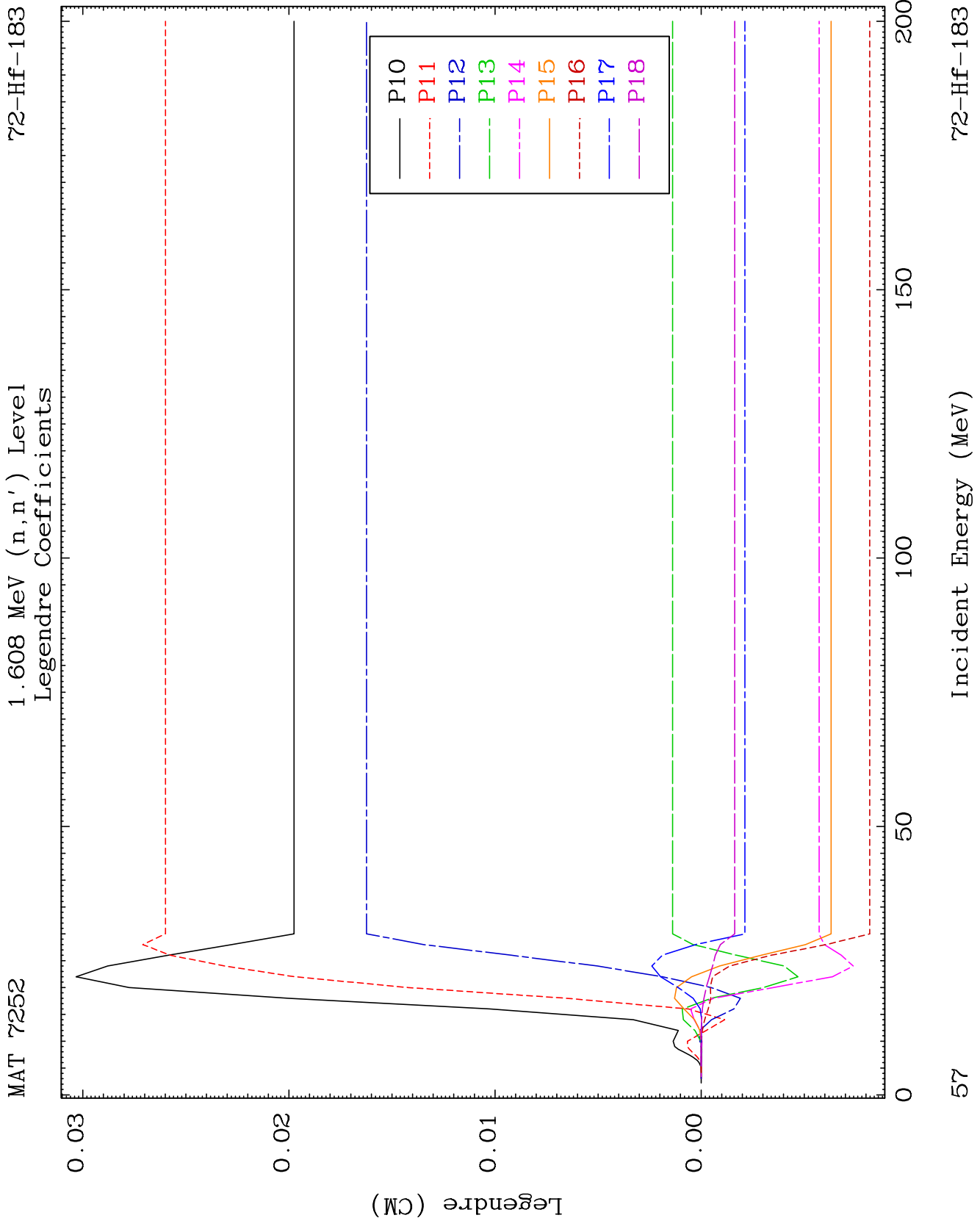
72-Hf-183



56

Incident Energy (MeV)

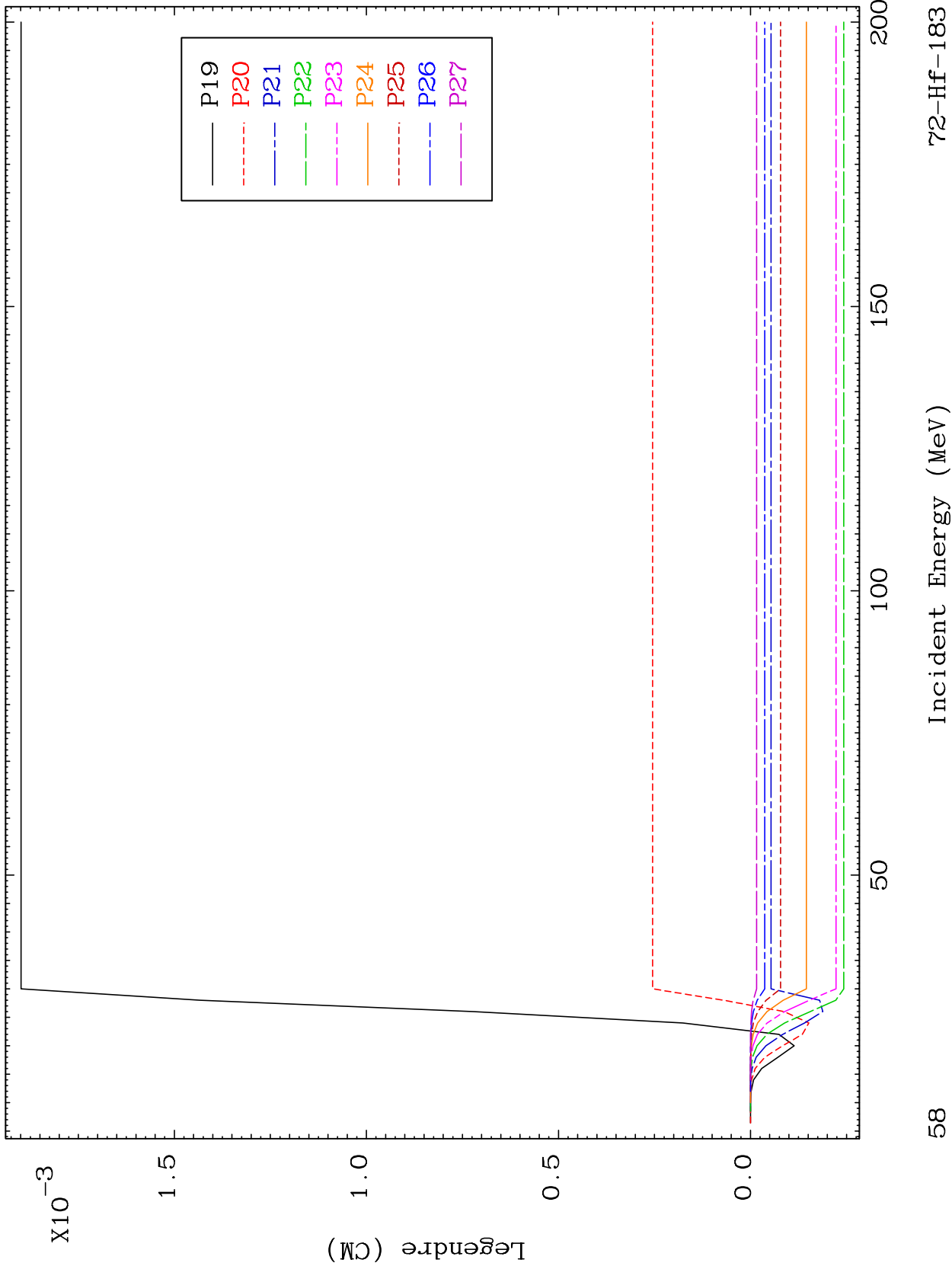
72-Hf-183



MAT 7252

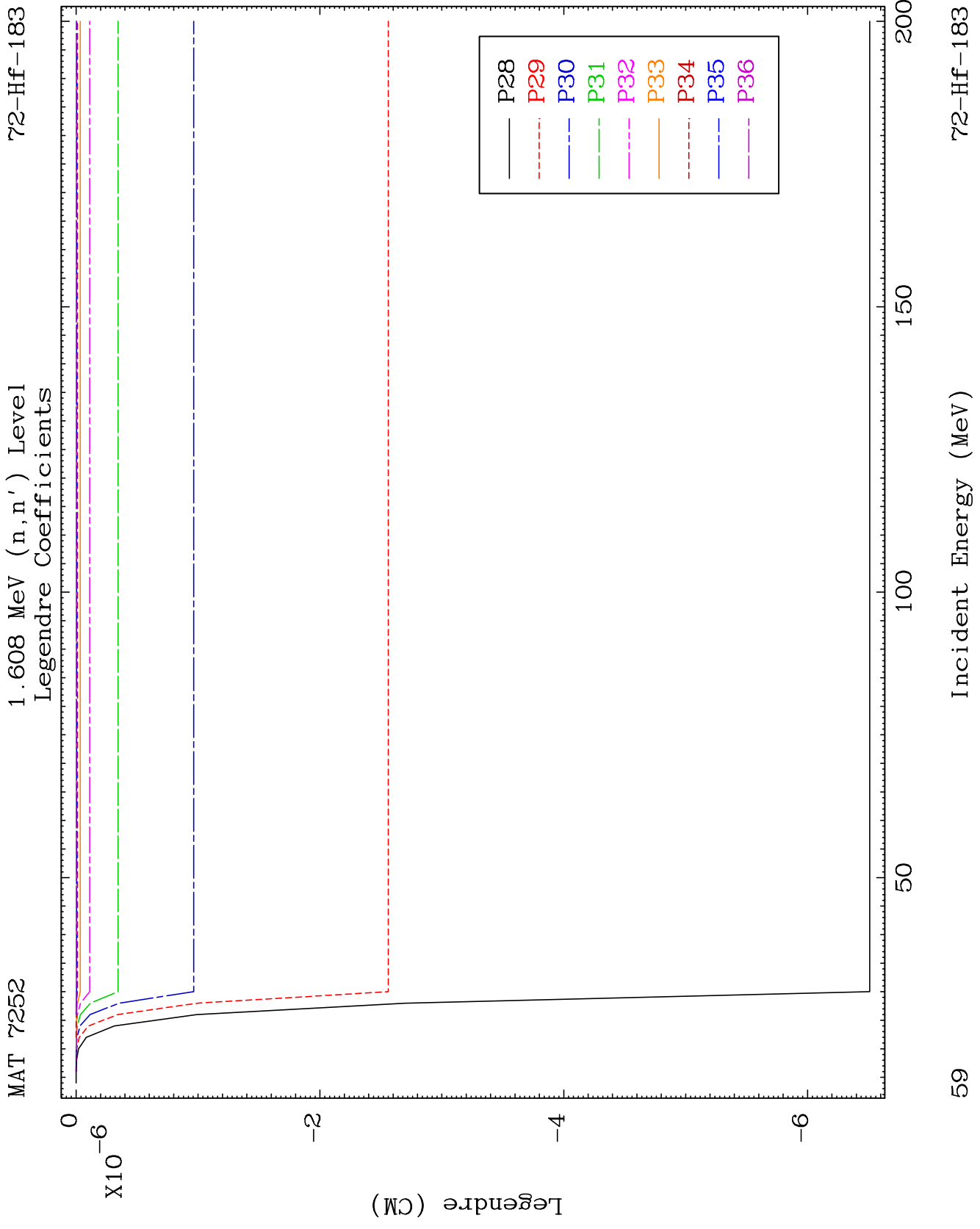
1.608 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



58

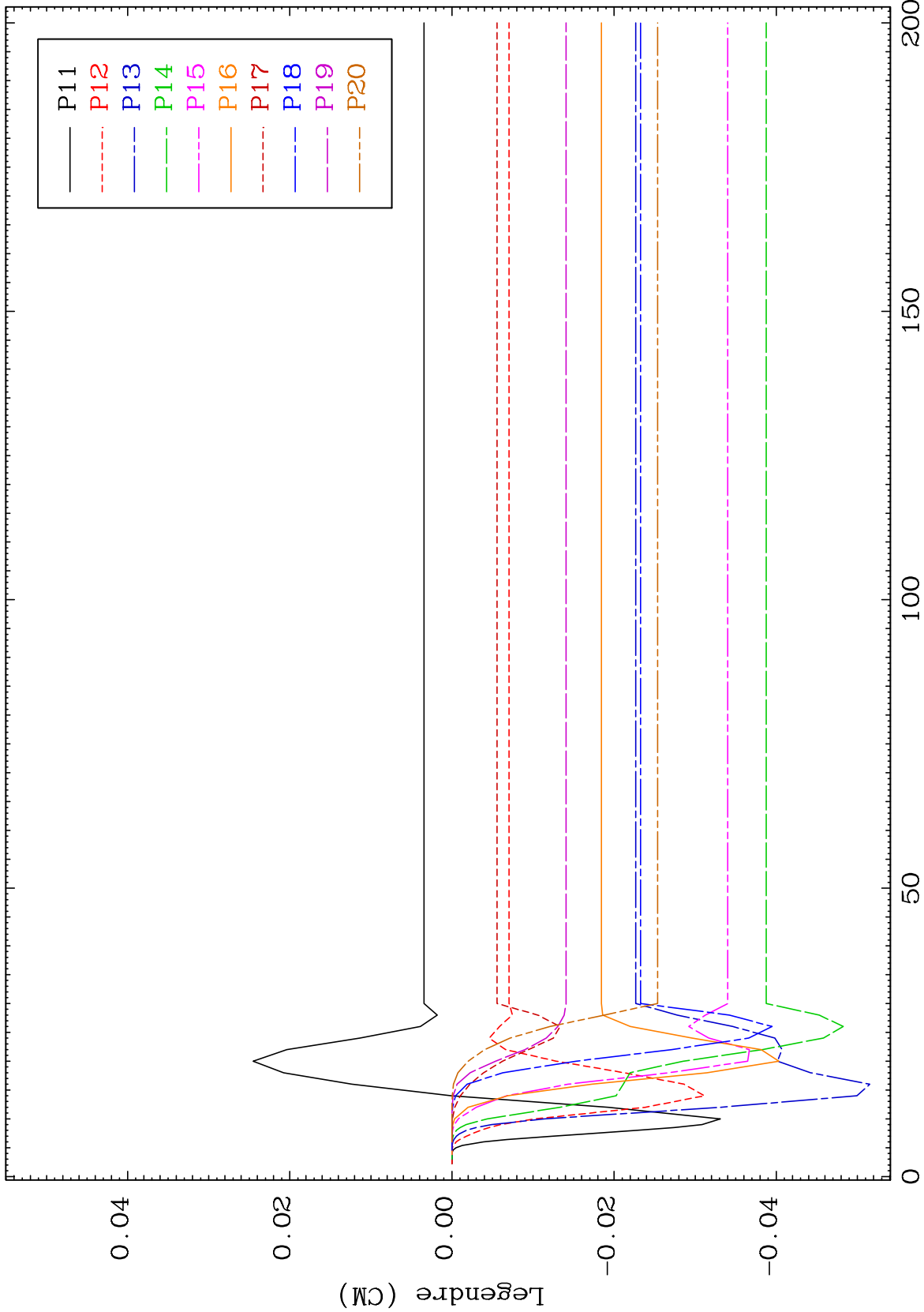
72-Hf-183



MAT 7252

1.609 MeV (n,n') Level Legendre Coefficients

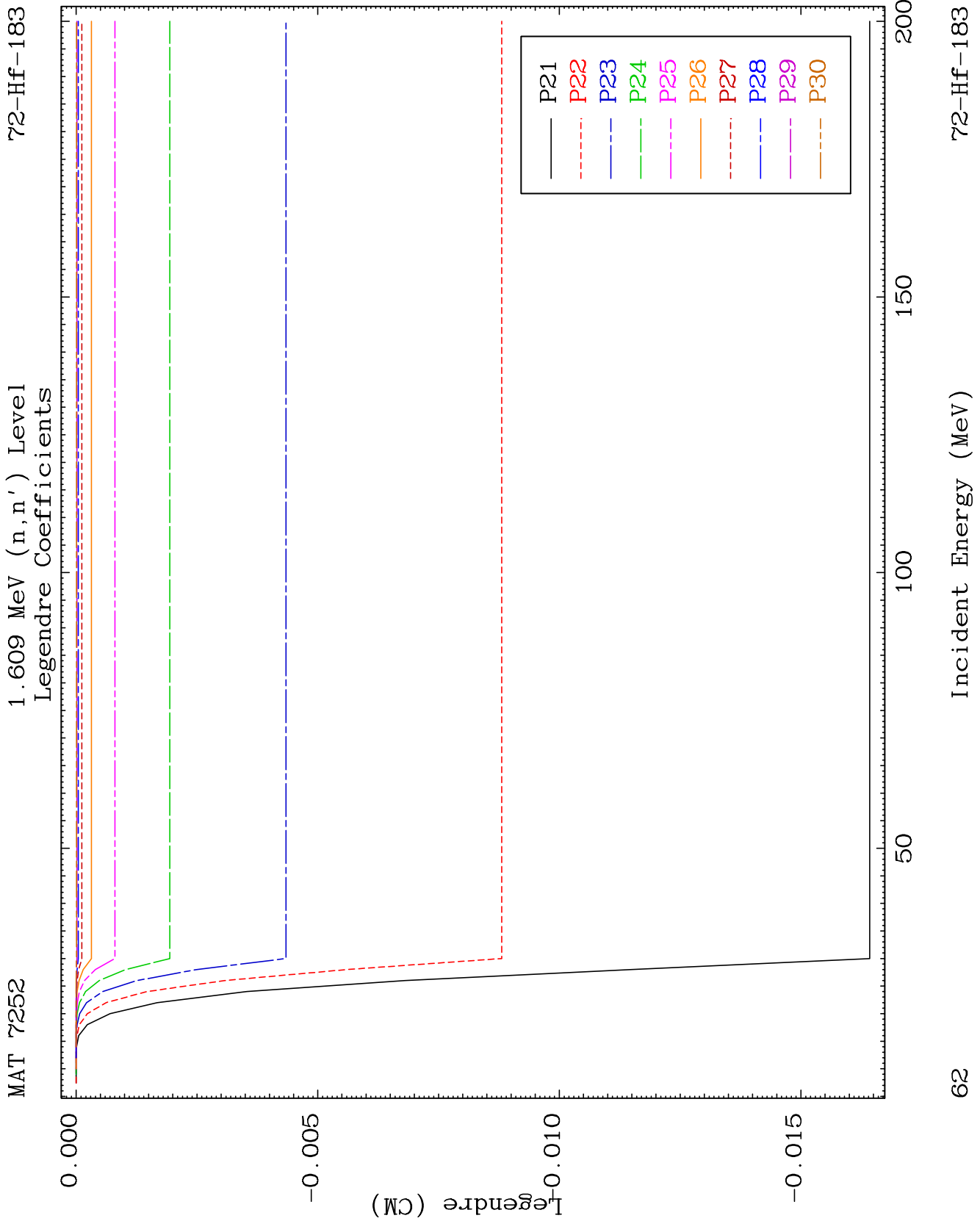
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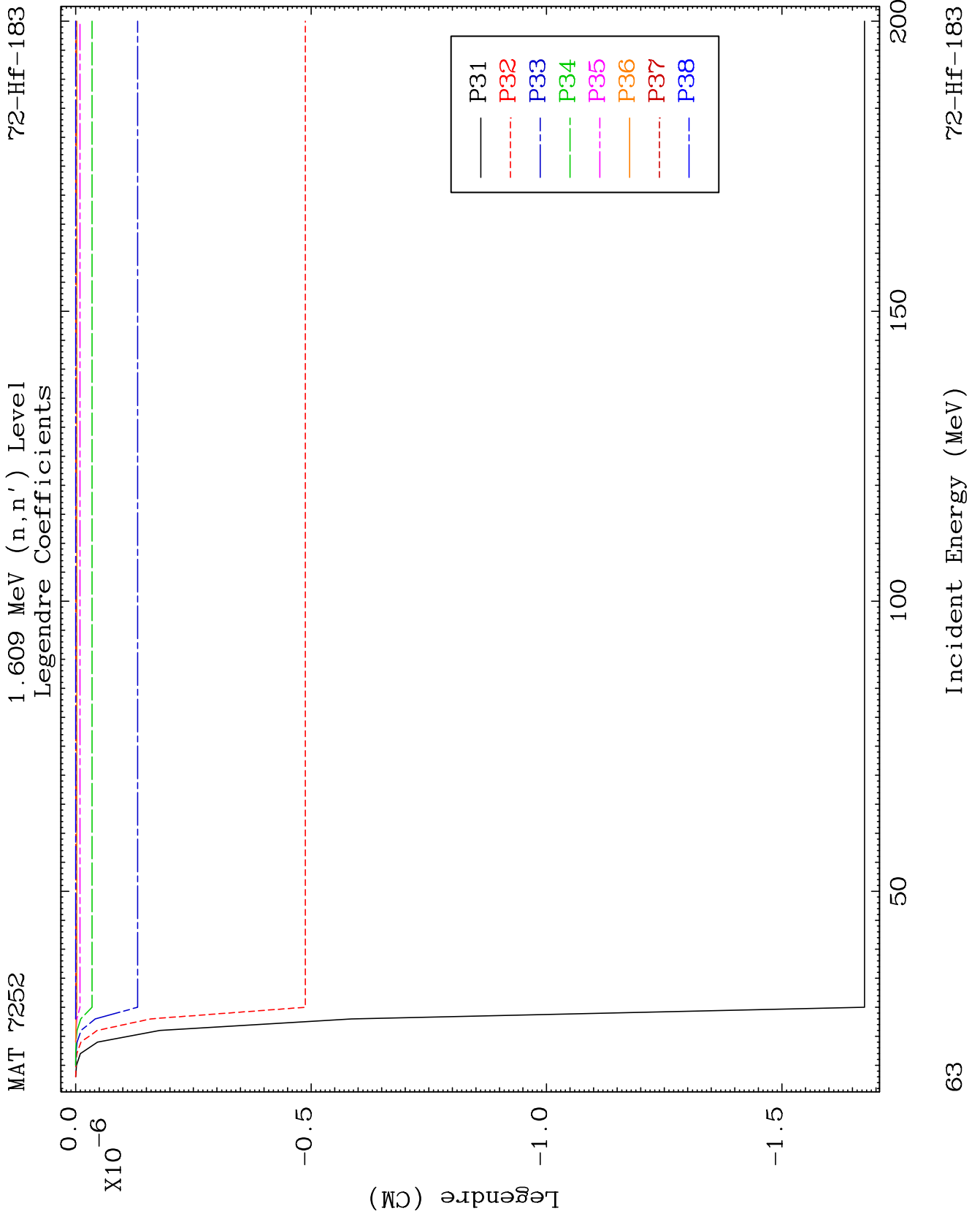


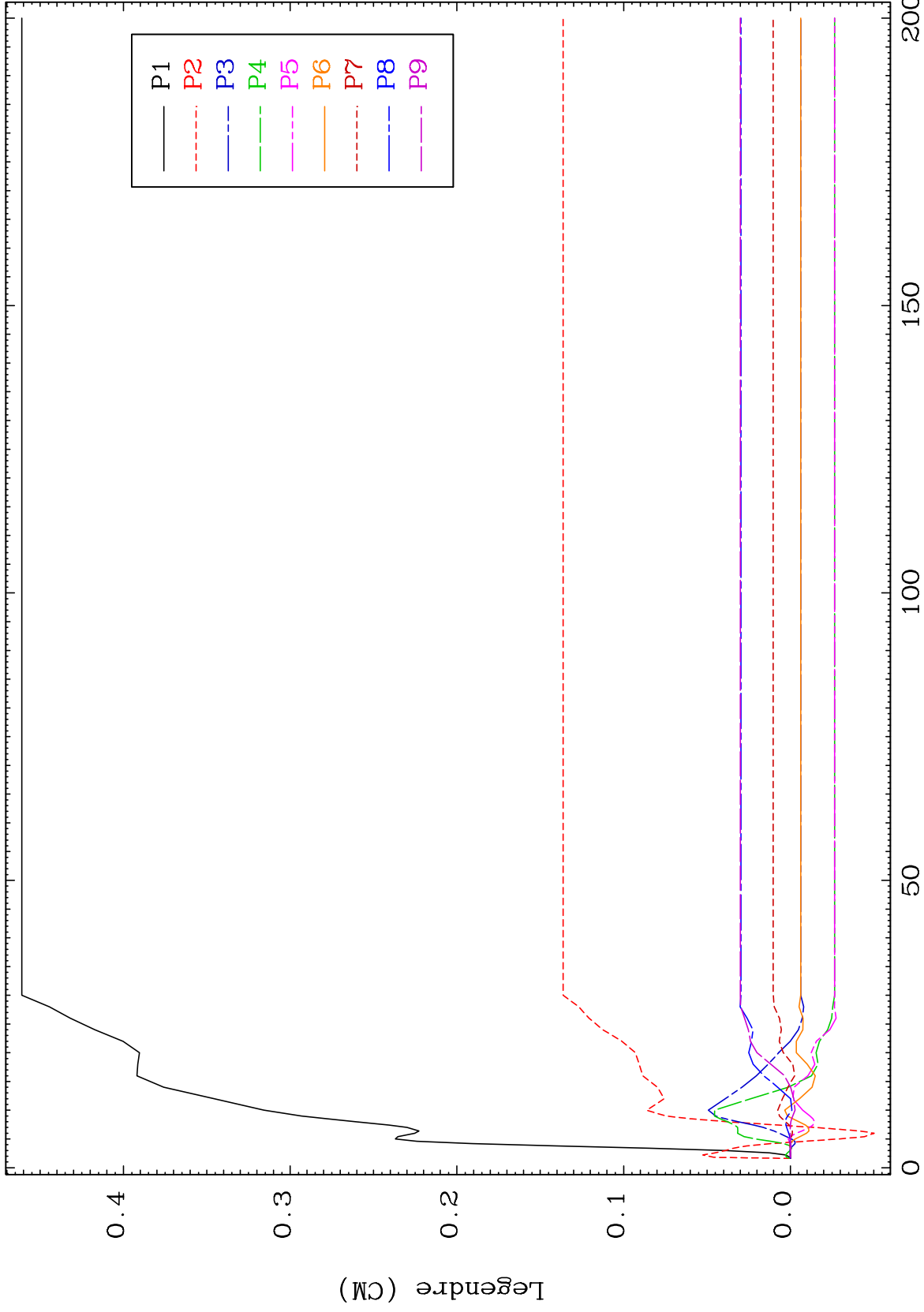
61

Incident Energy (MeV)

72-Hf-183



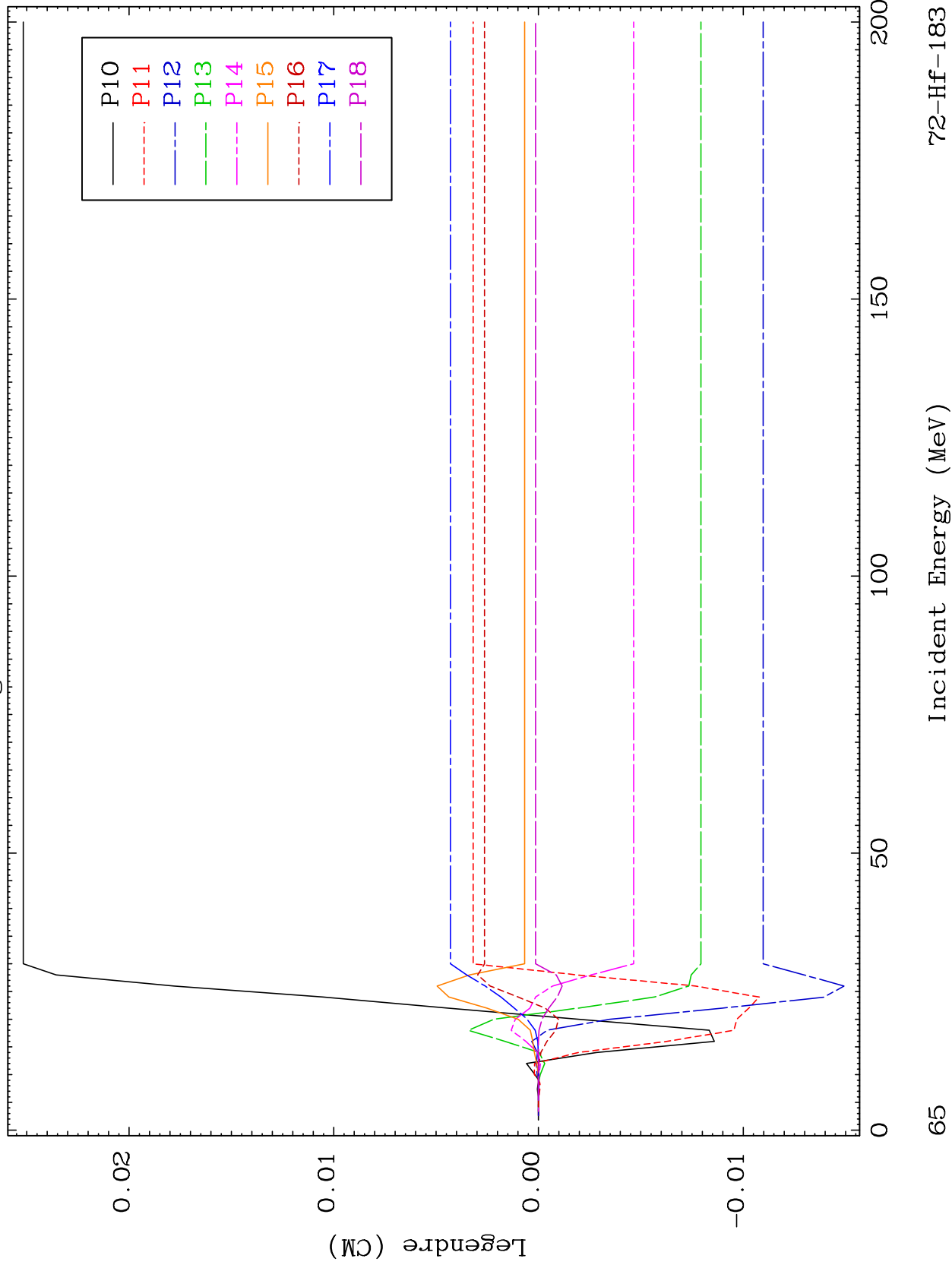




MAT 7252

1.610 MeV (n,n') Level
Legendre Coefficients

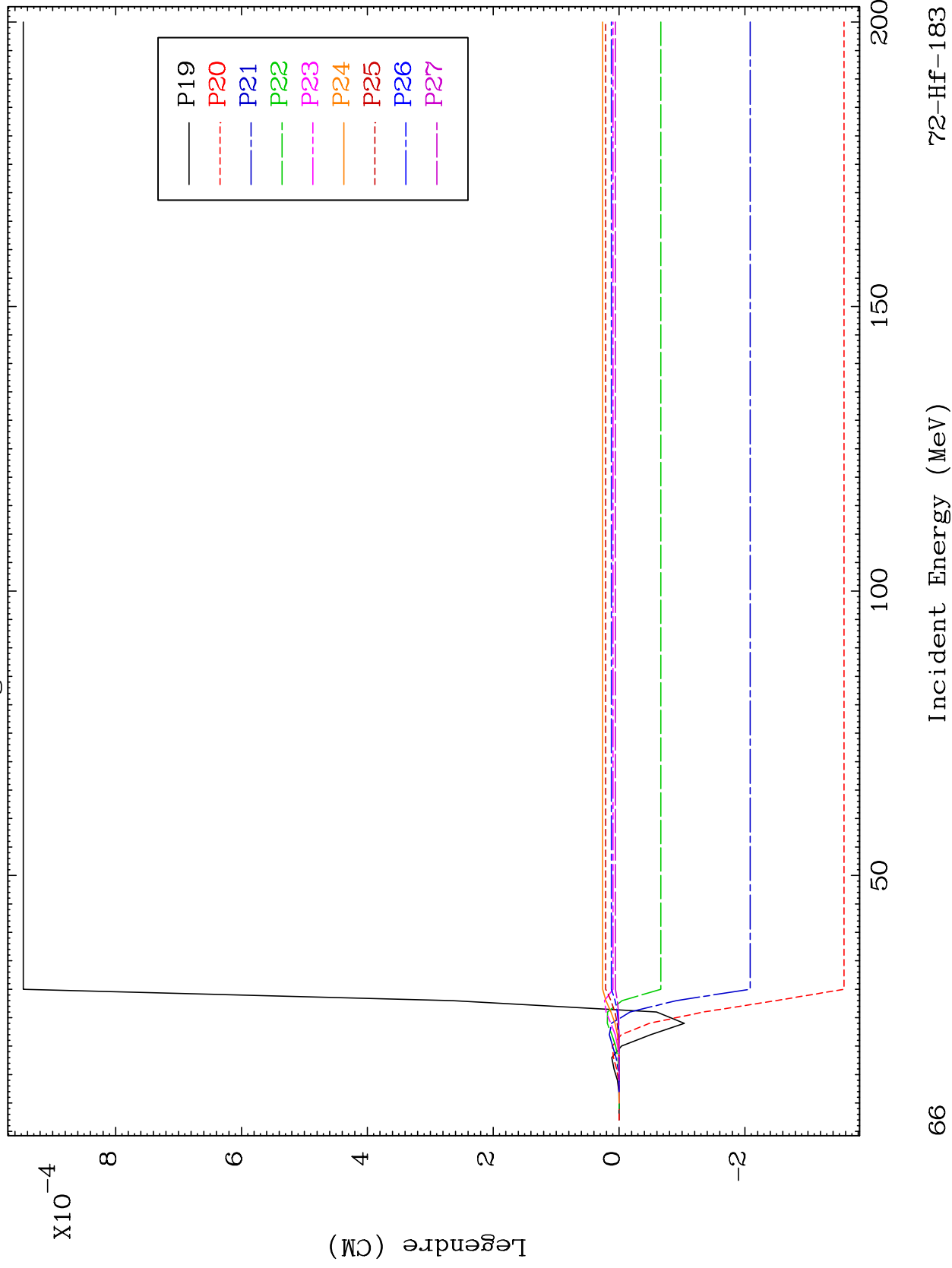
72-Hf-183



72-Hf-183

Incident Energy (MeV)

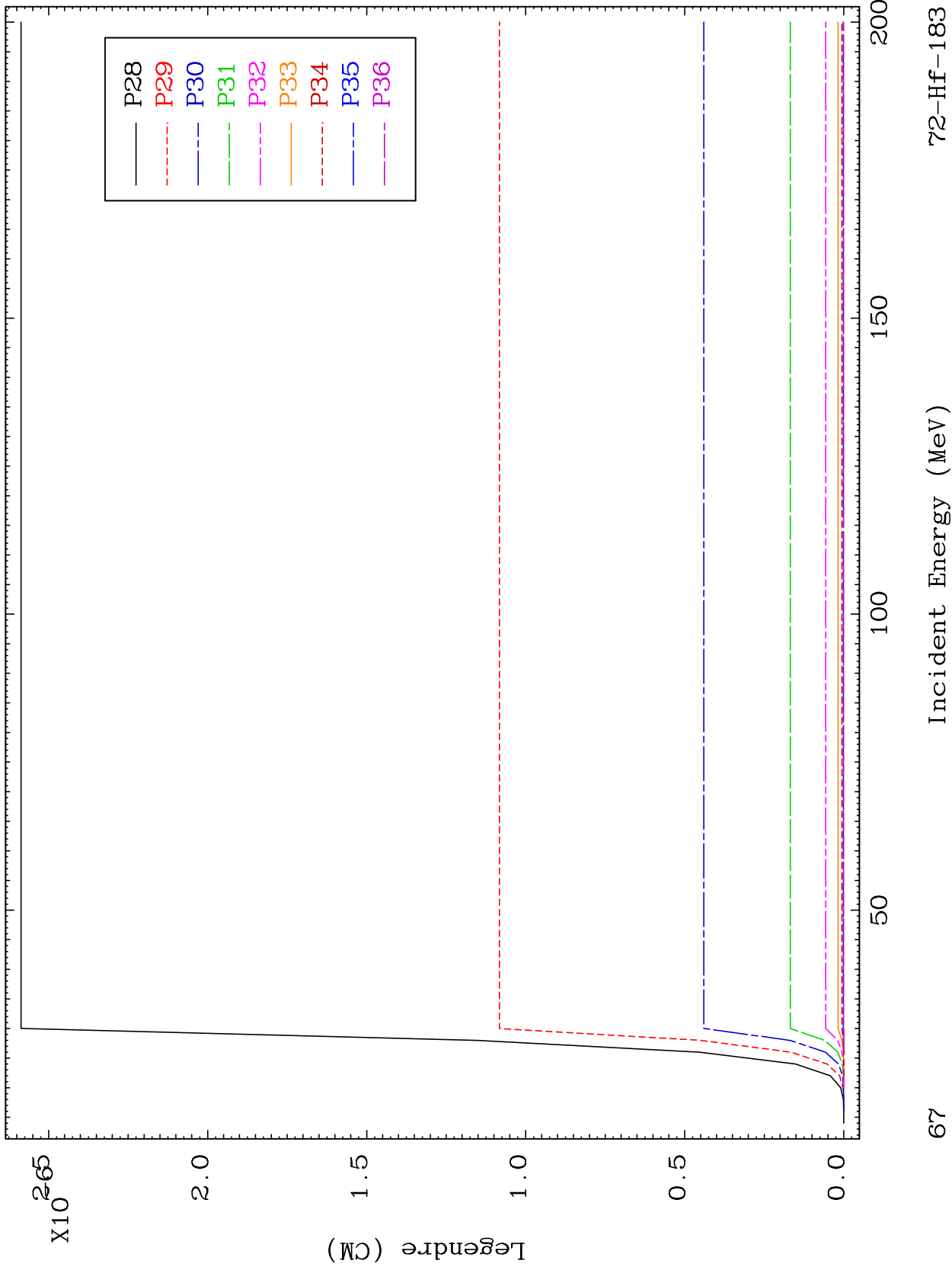
65

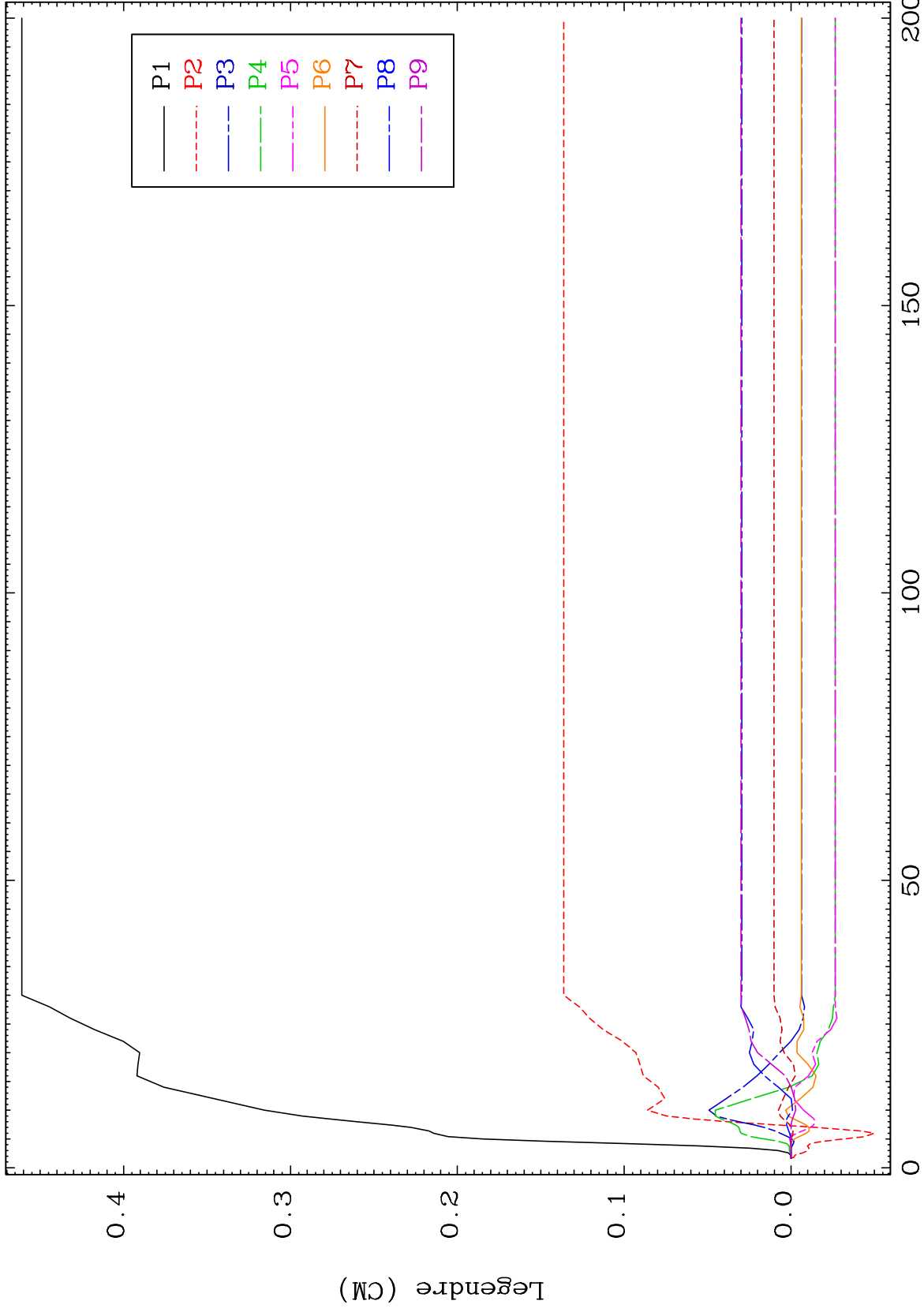


MAT 7252

1.610 MeV (n,n') Level
Legendre Coefficients

72-Hf-183

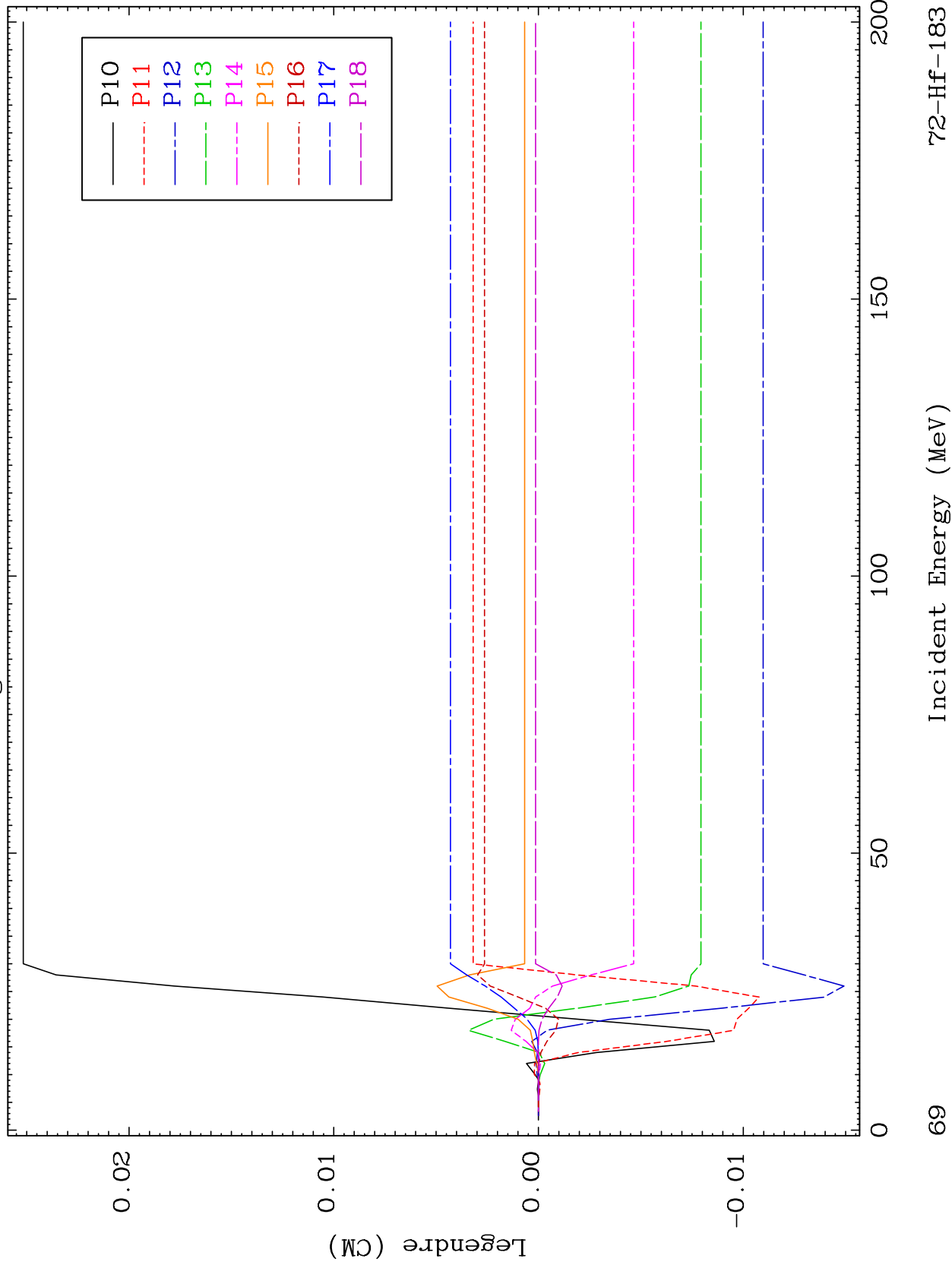




MAT 7252

1.613 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

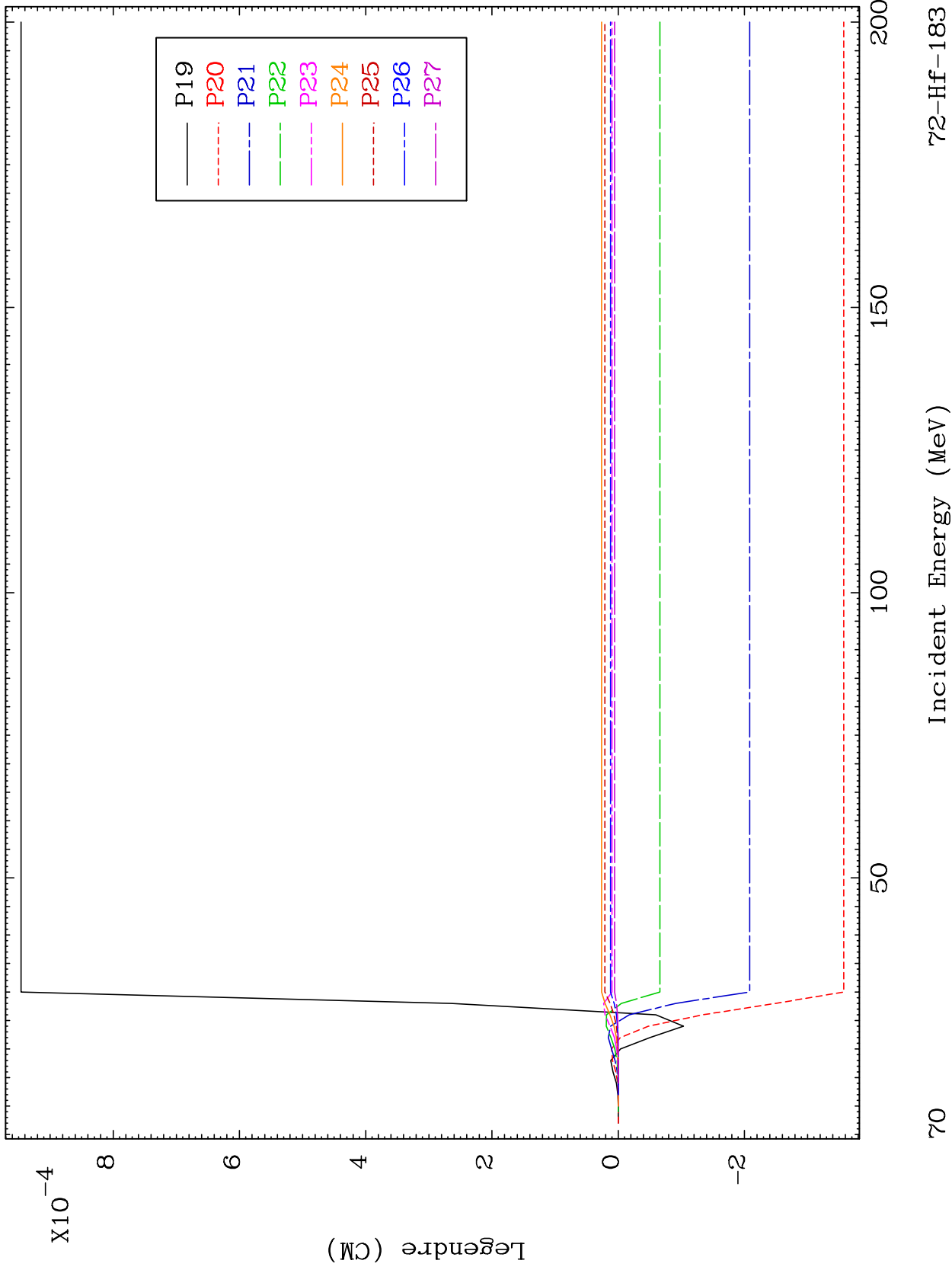
Incident Energy (MeV)

69

MAT 7252

1.613 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



70

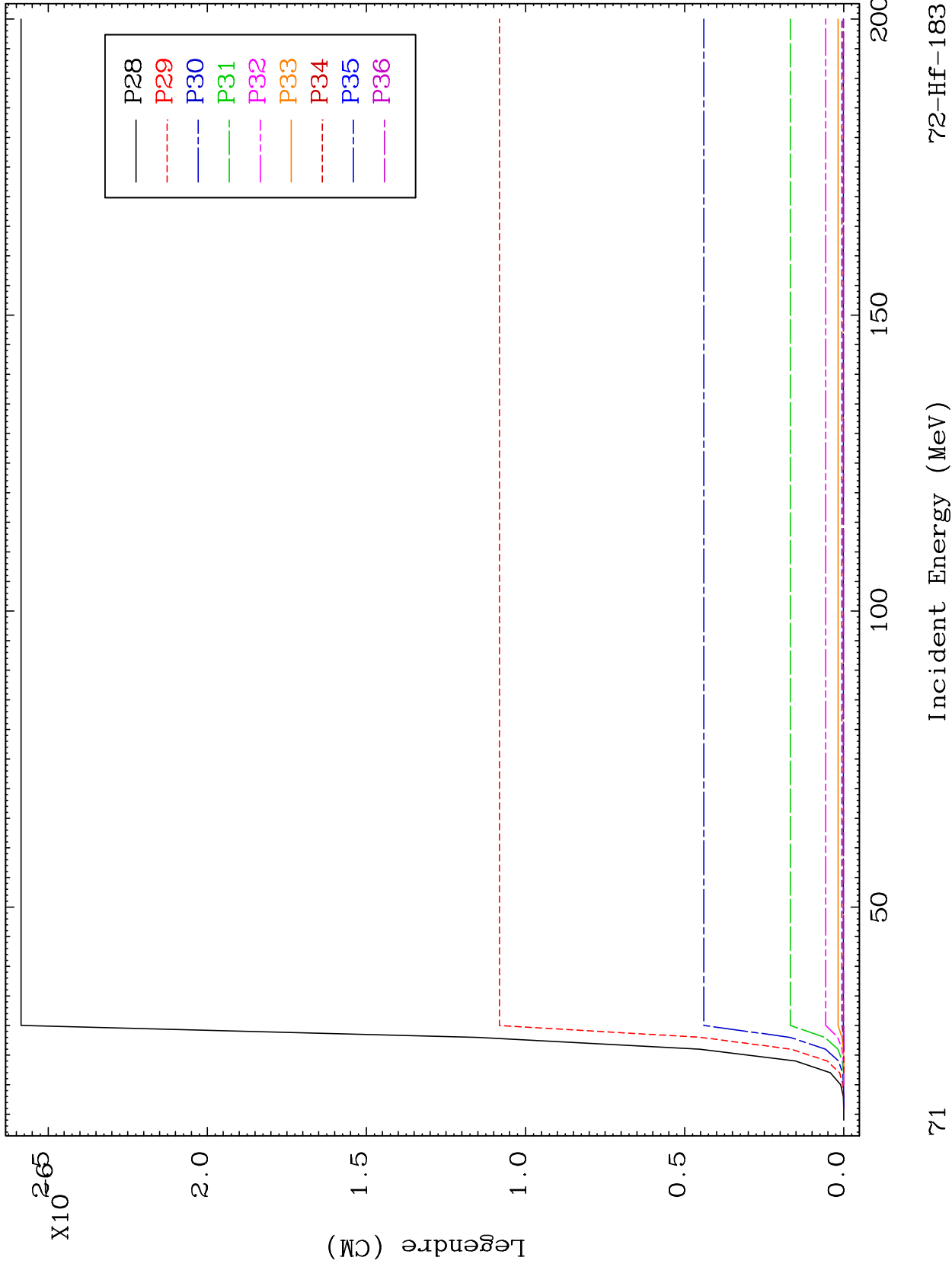
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.613 MeV (n,n') Level
Legendre Coefficients

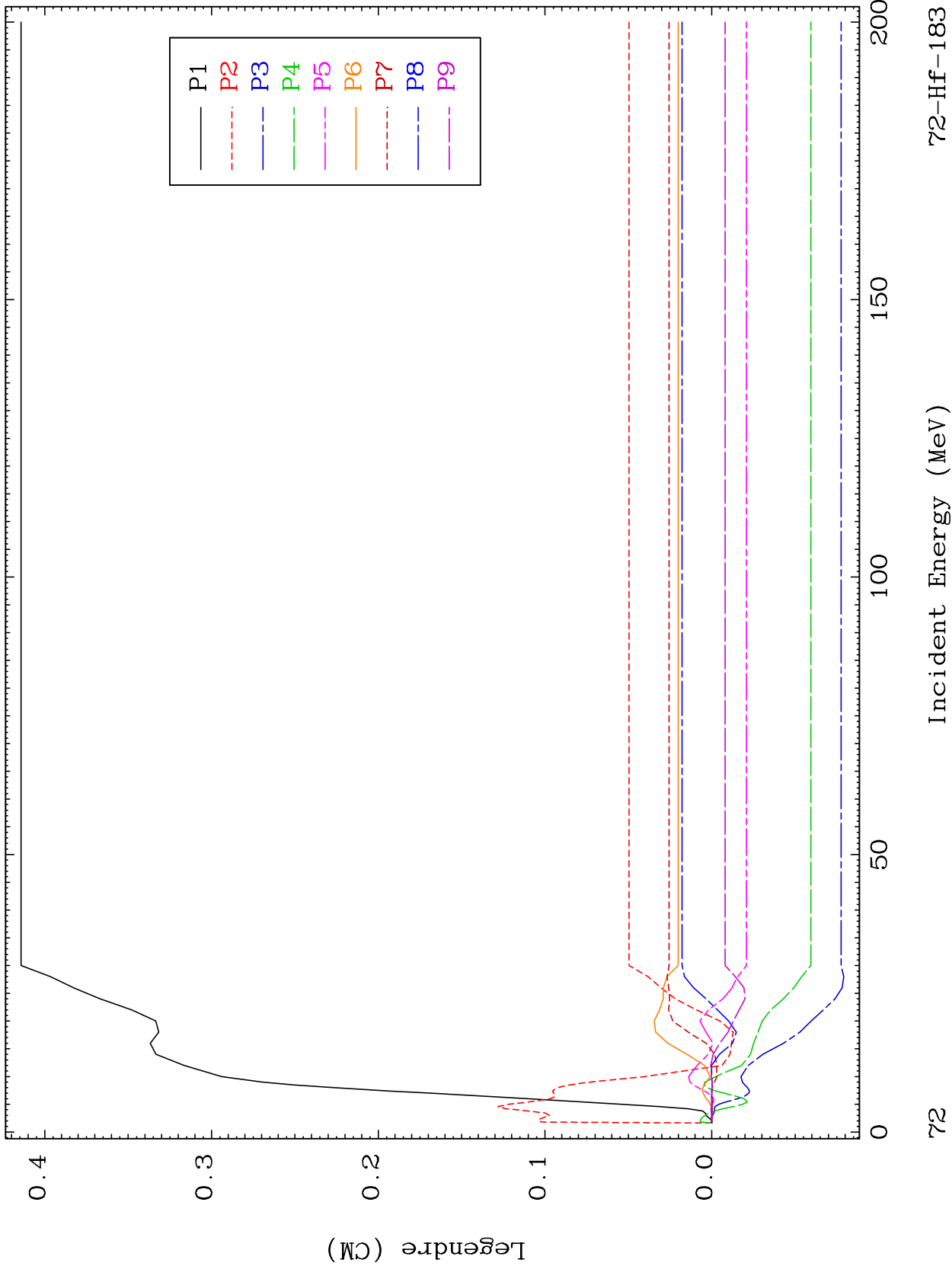
72-Hf-183

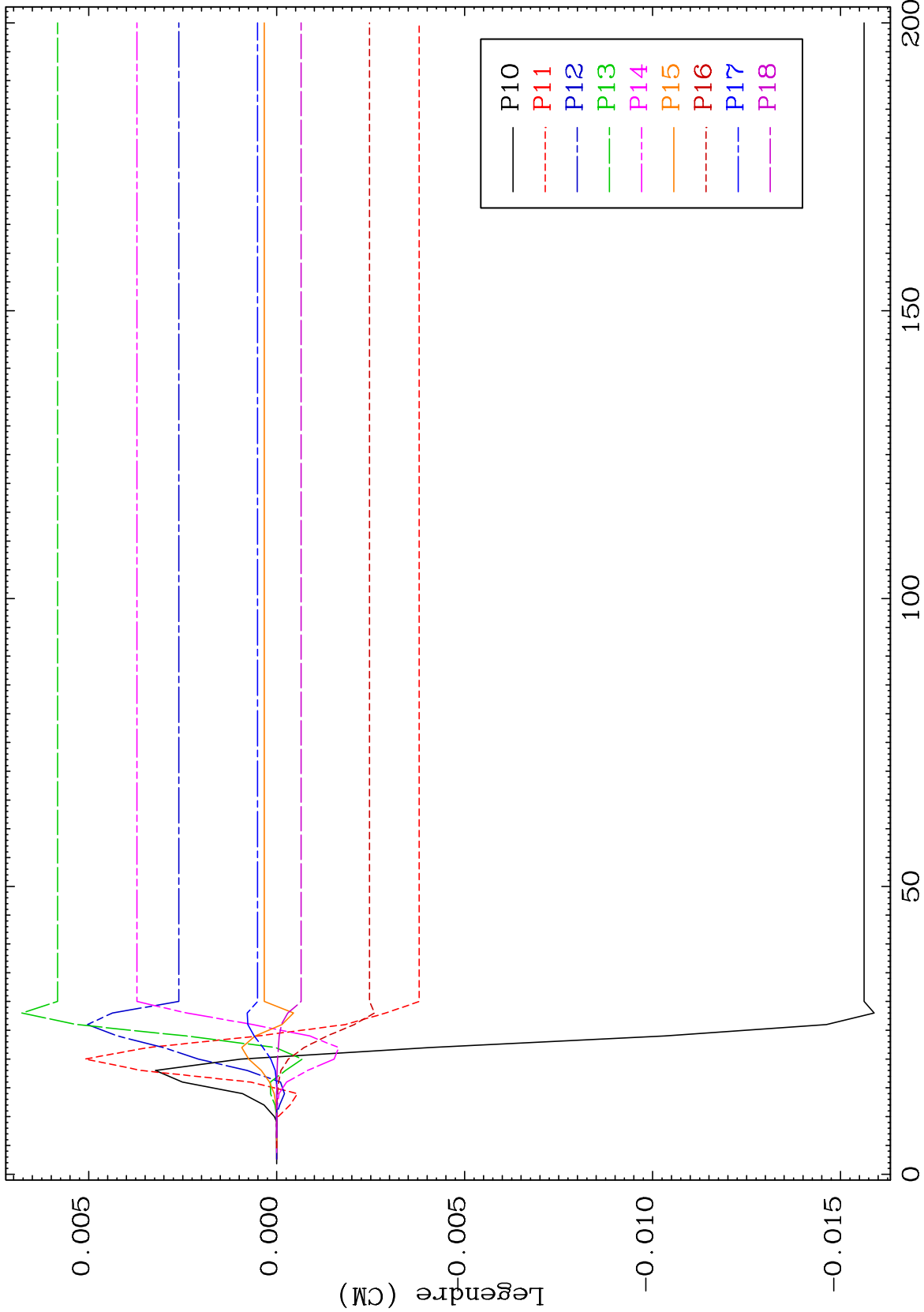


71

Incident Energy (MeV)

72-Hf-183

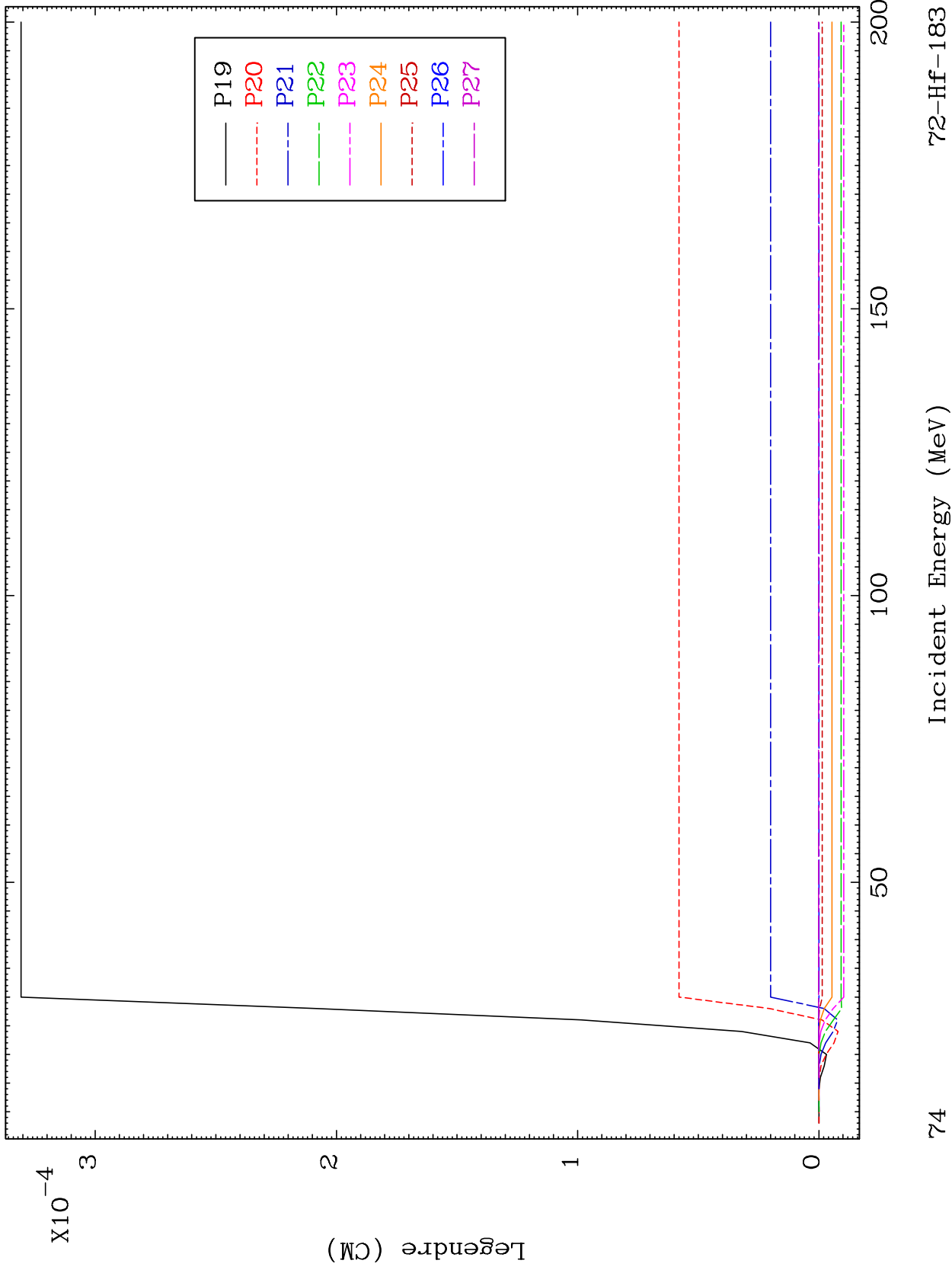




MAT 7252

1.614 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



74

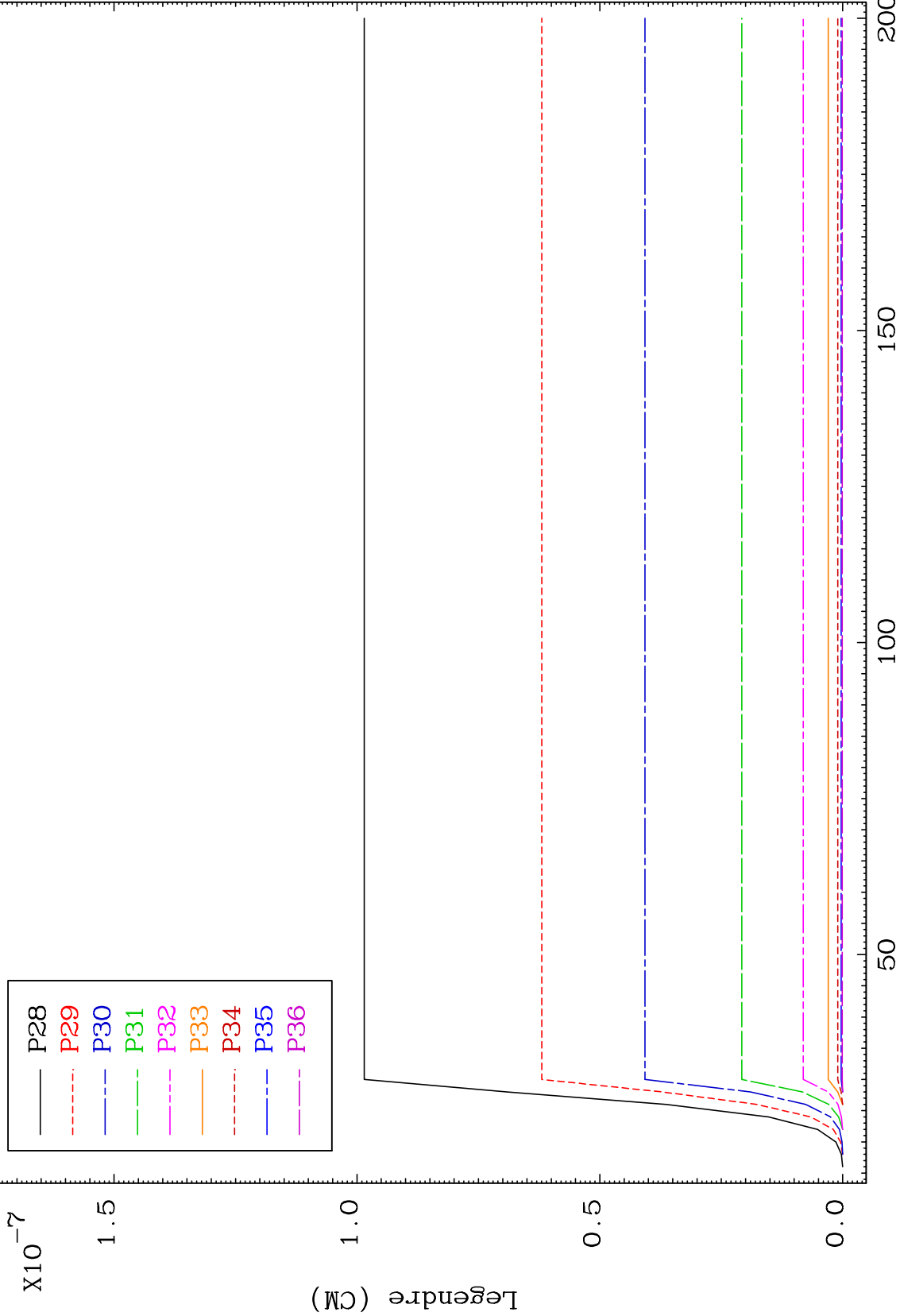
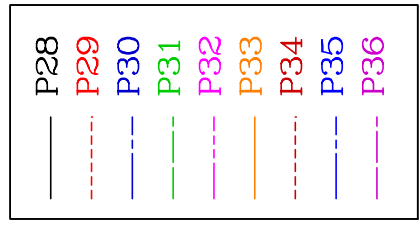
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.614 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



75

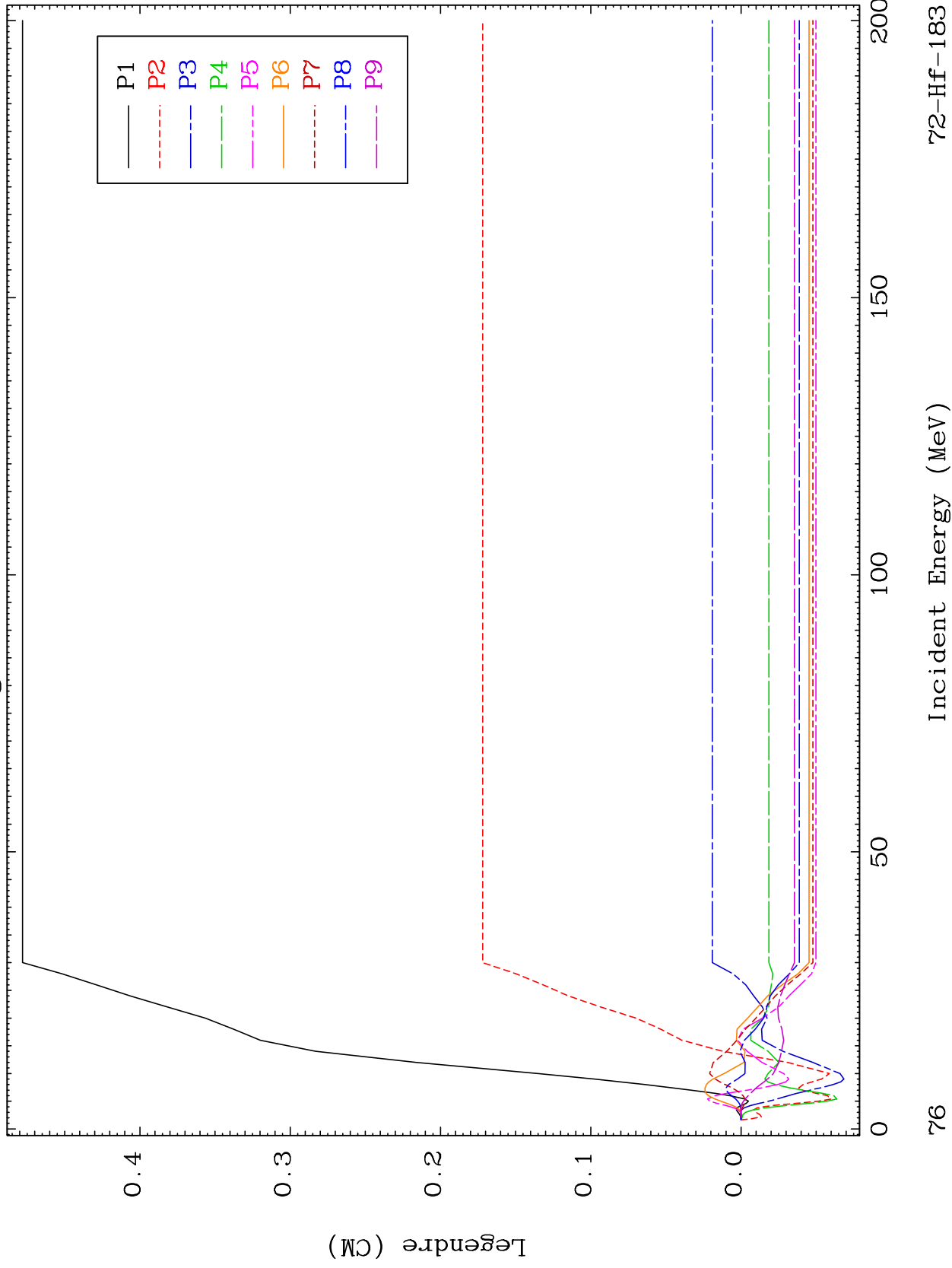
Incident Energy (MeV)

72-Hf-183

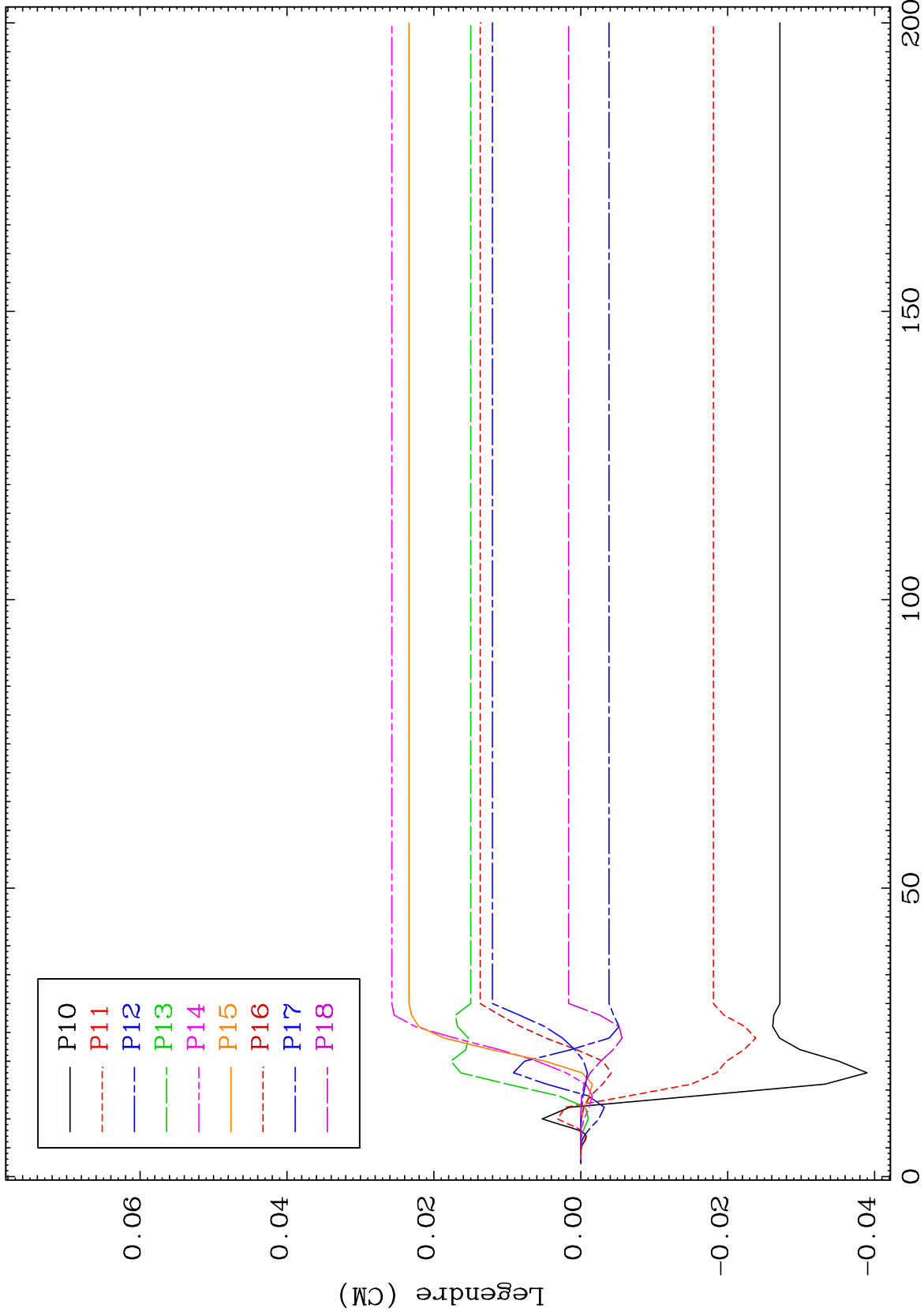
MAT 7252

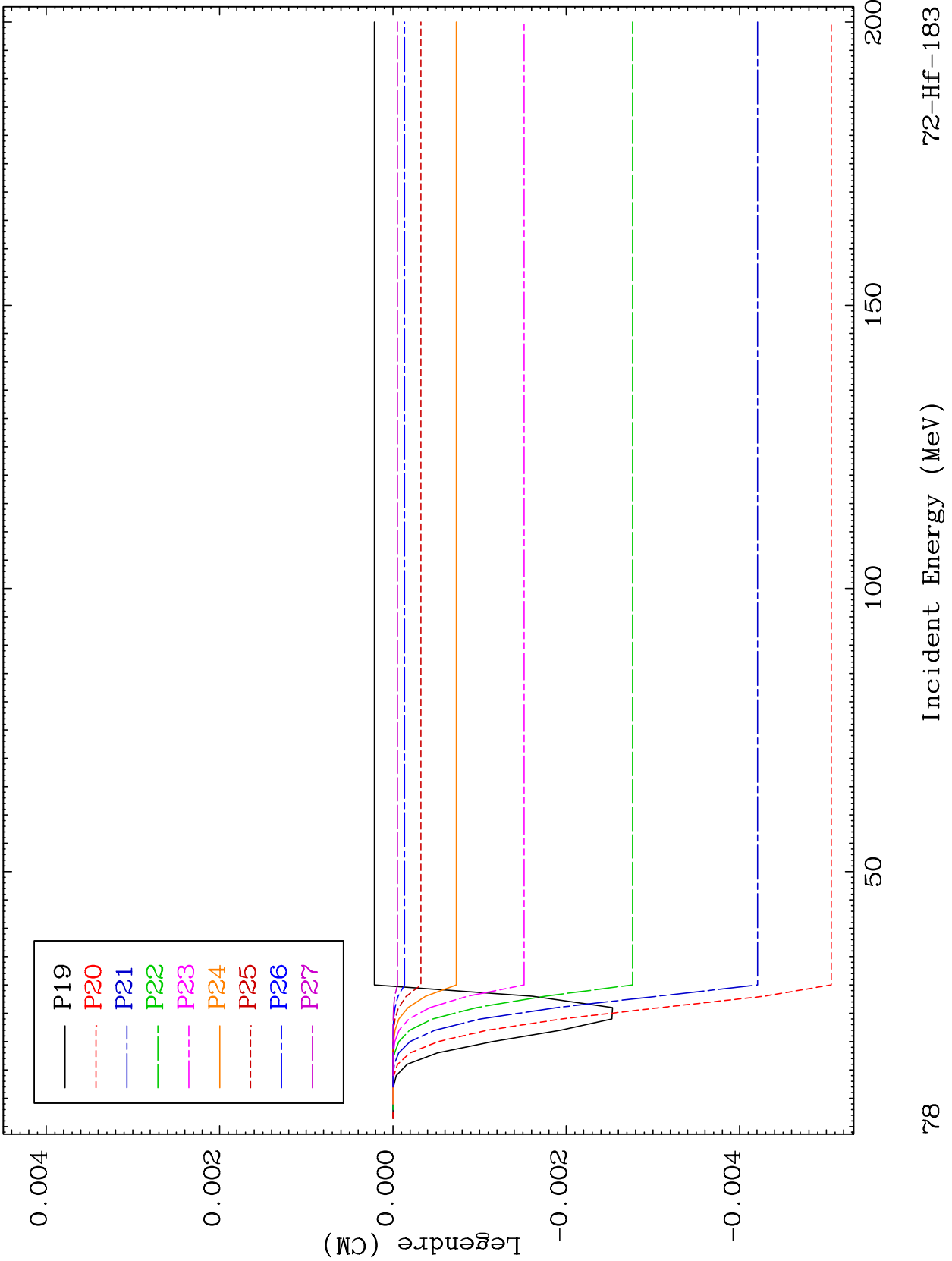
1.618 MeV (n,n') Level
Legendre Coefficients

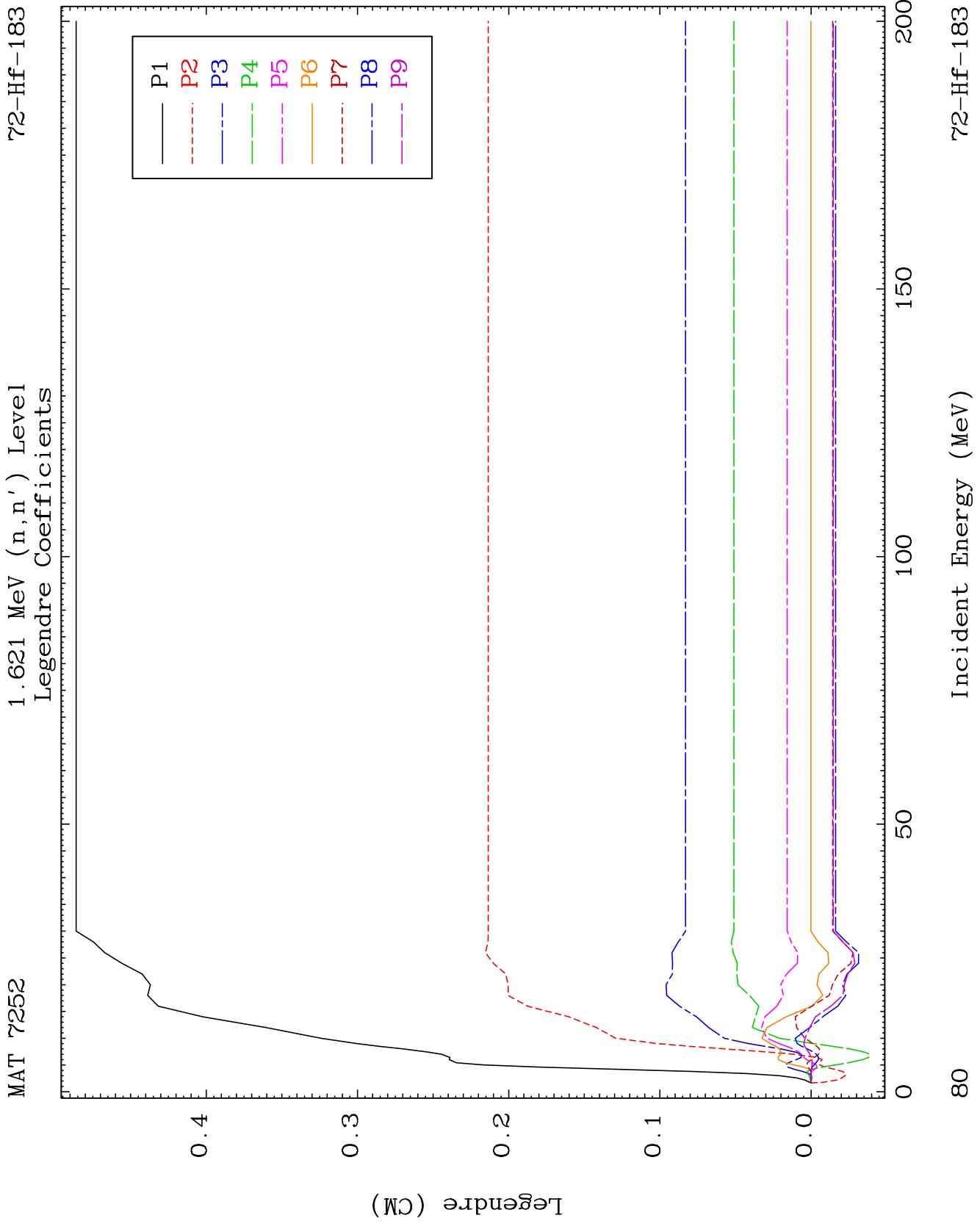
72-Hf-183



76



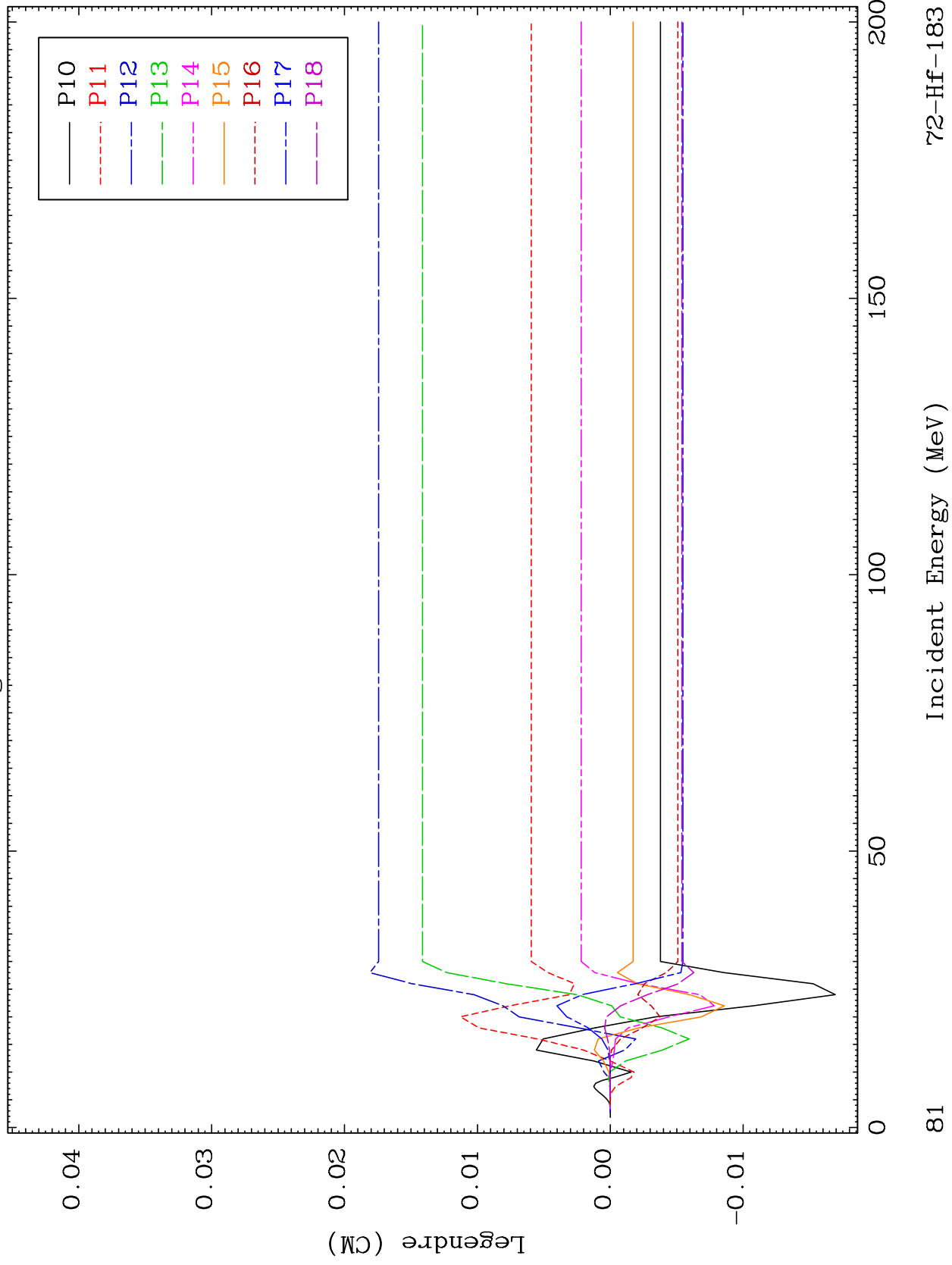




MAT 7252

1.621 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



81

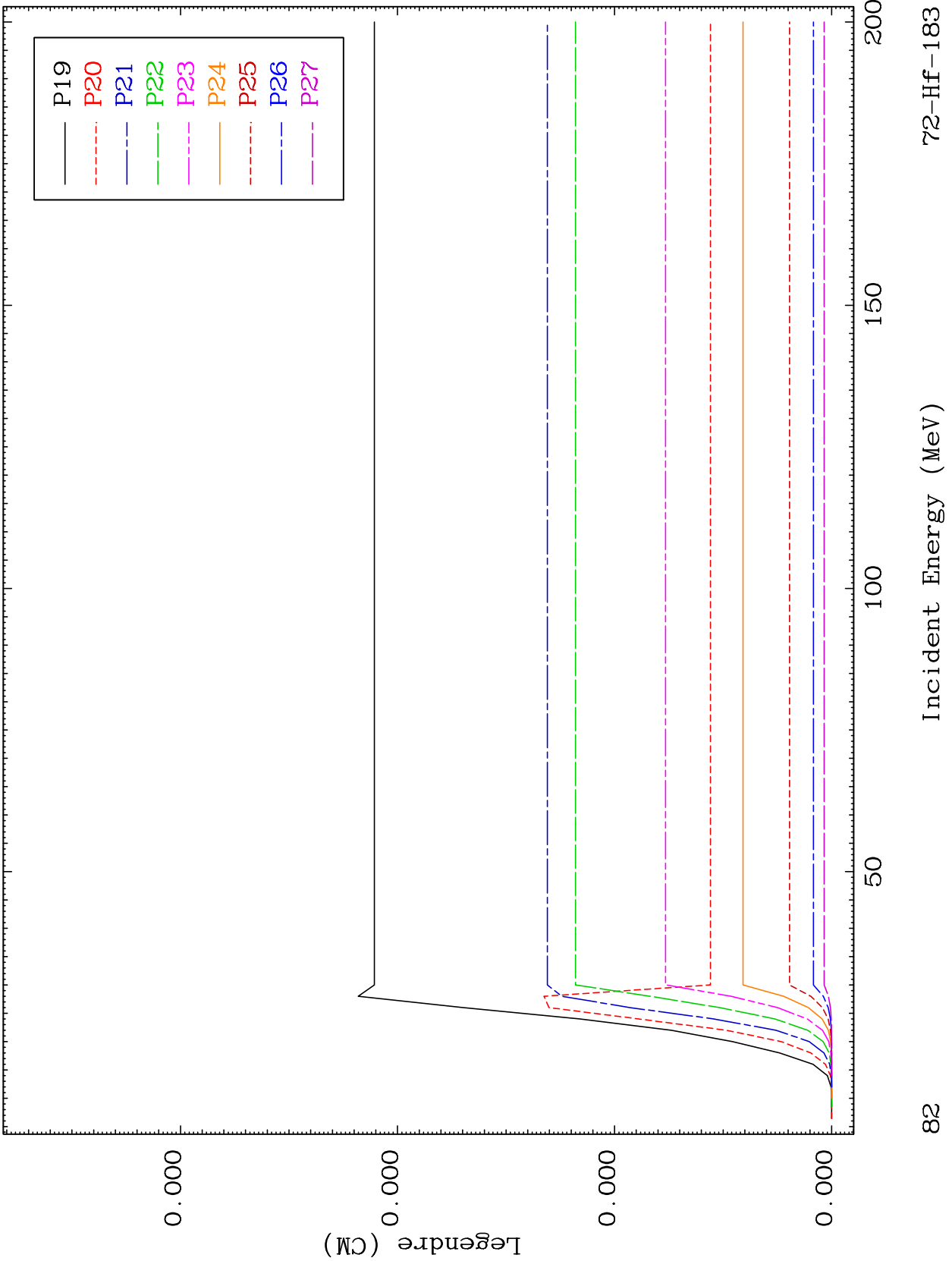
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.621 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



82

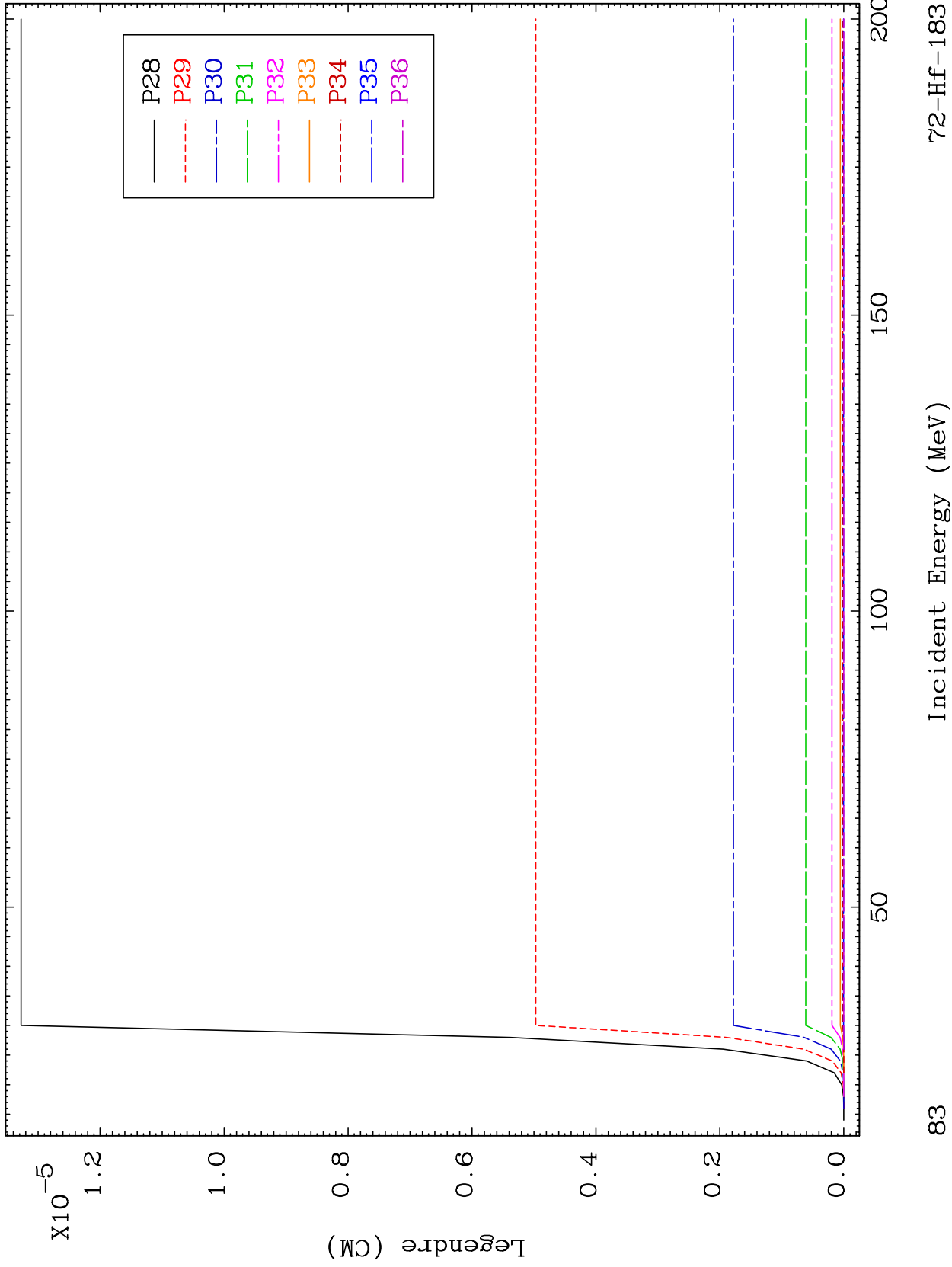
Incident Energy (MeV)

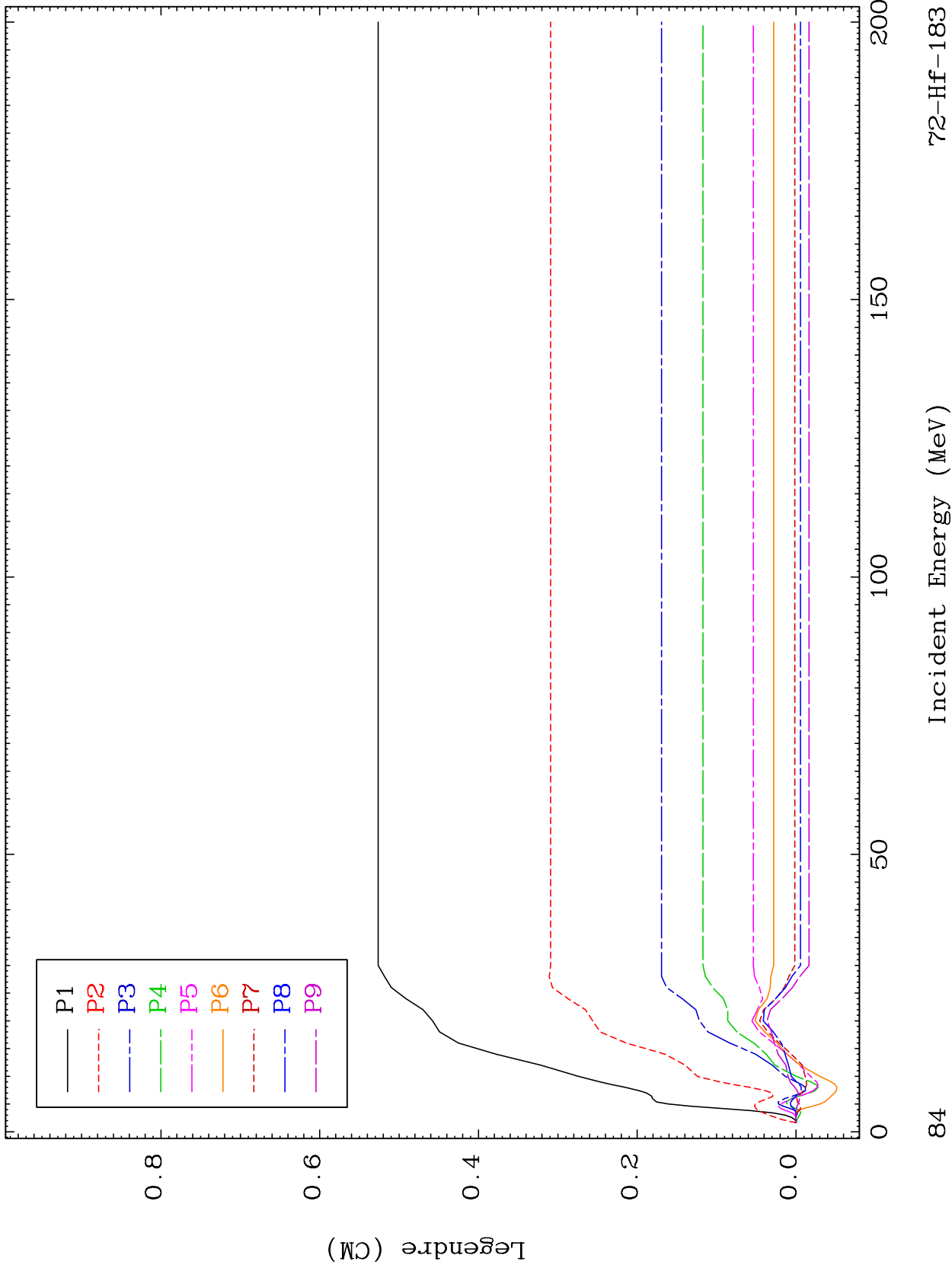
72-Hf-183

MAT 7252

1.621 MeV (n,n') Level
Legendre Coefficients

72-Hf-183

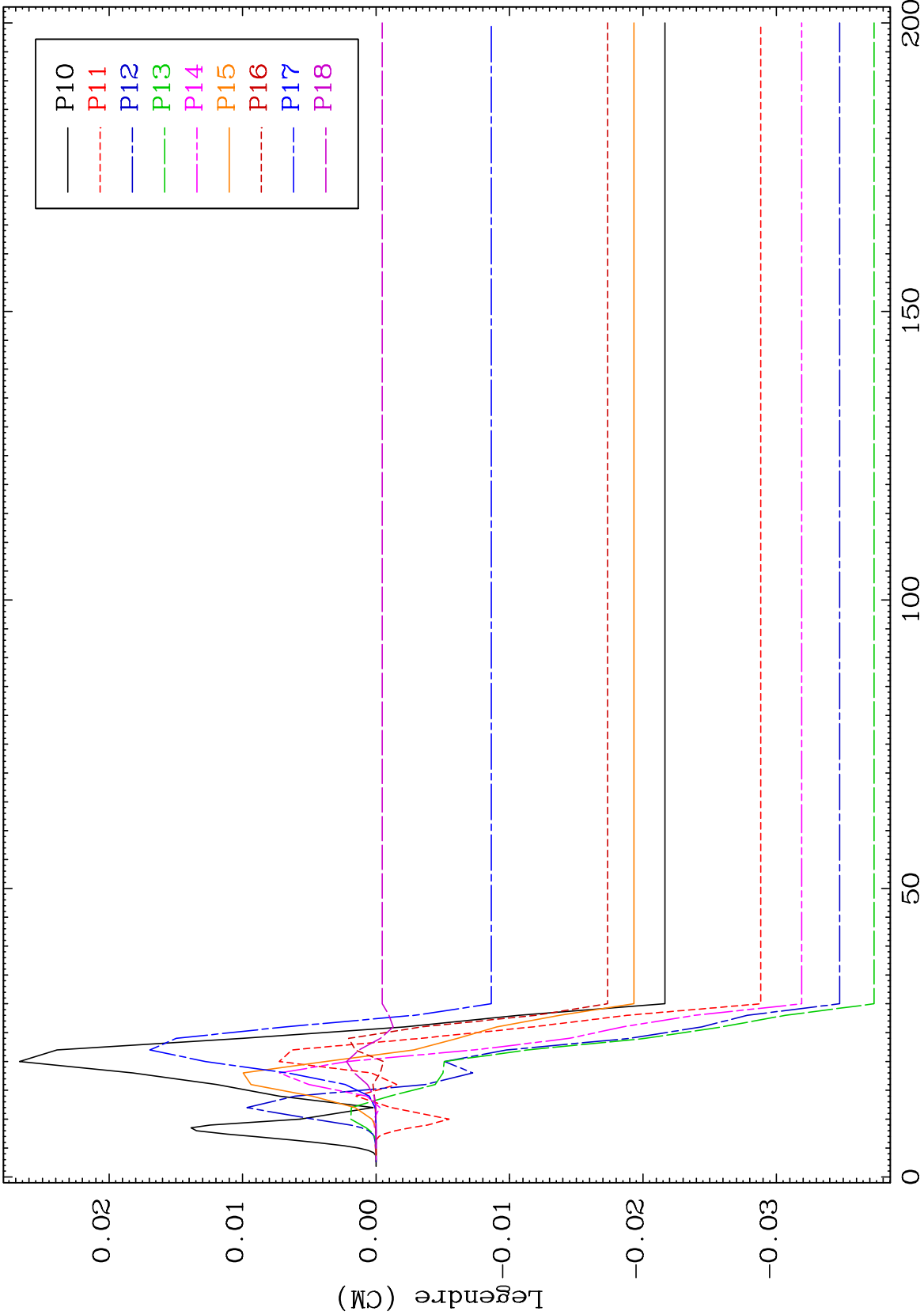




MAT 7252

1.627 MeV (n,n') Level
Legendre Coefficients

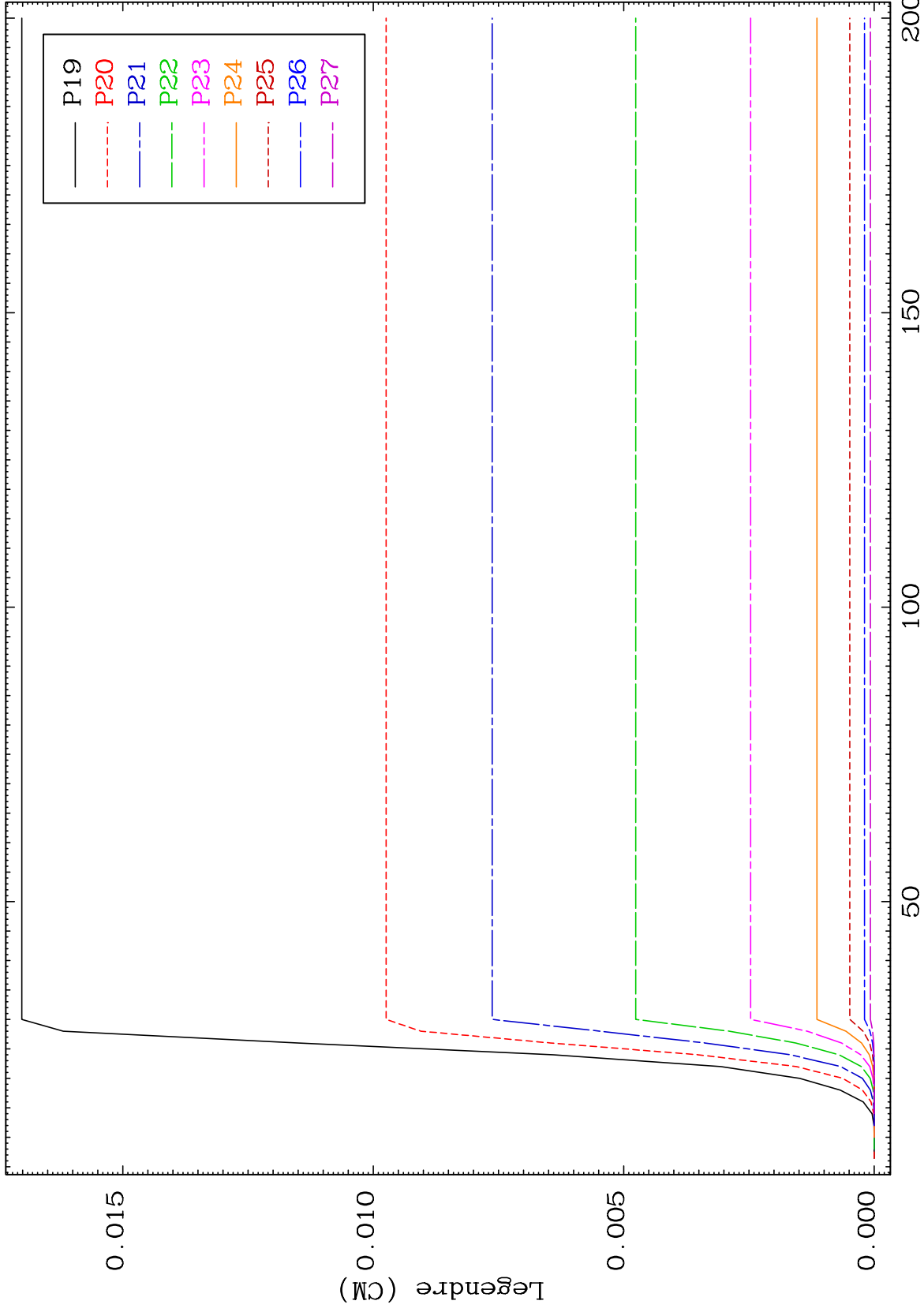
72-Hf-183

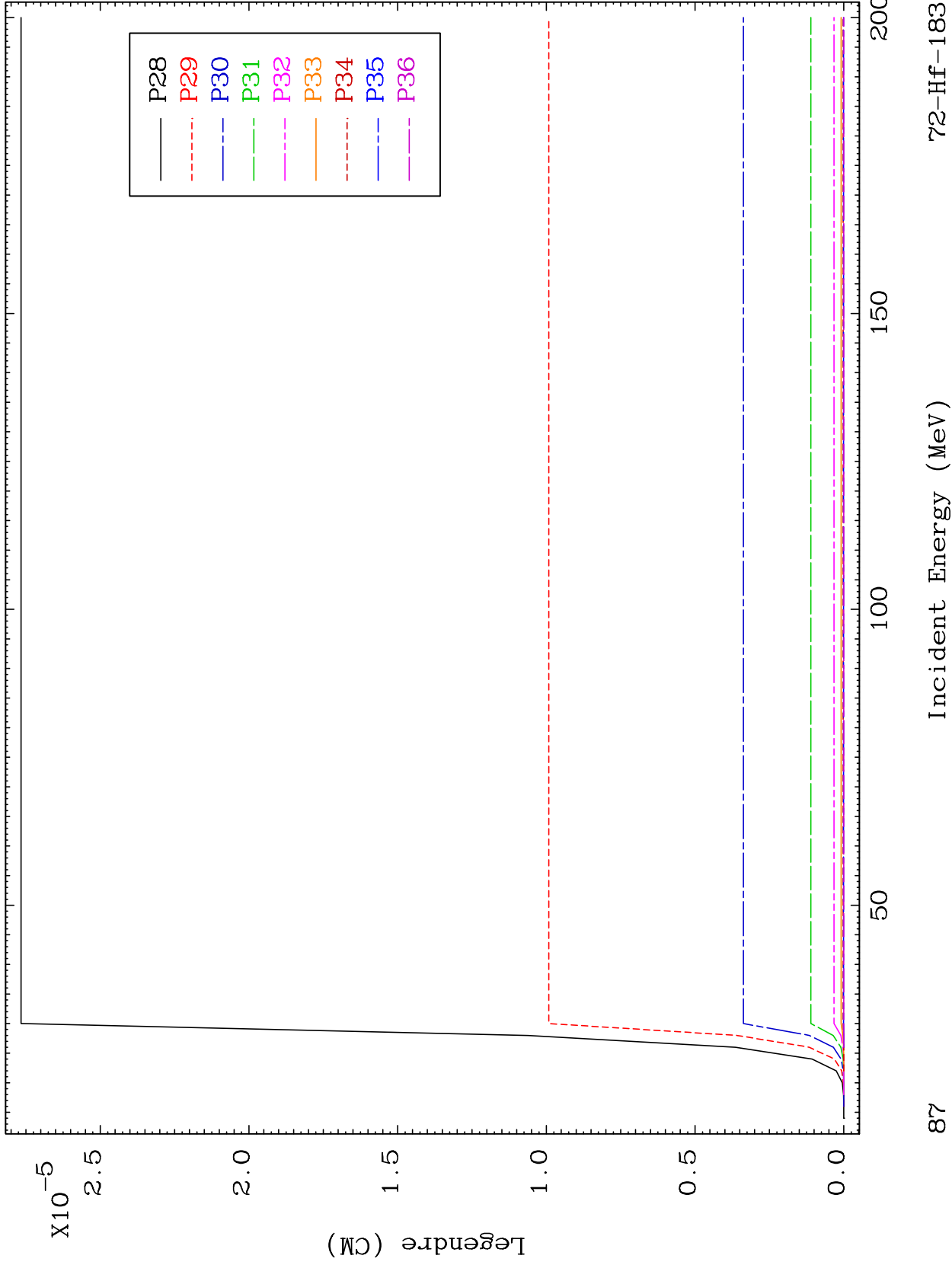


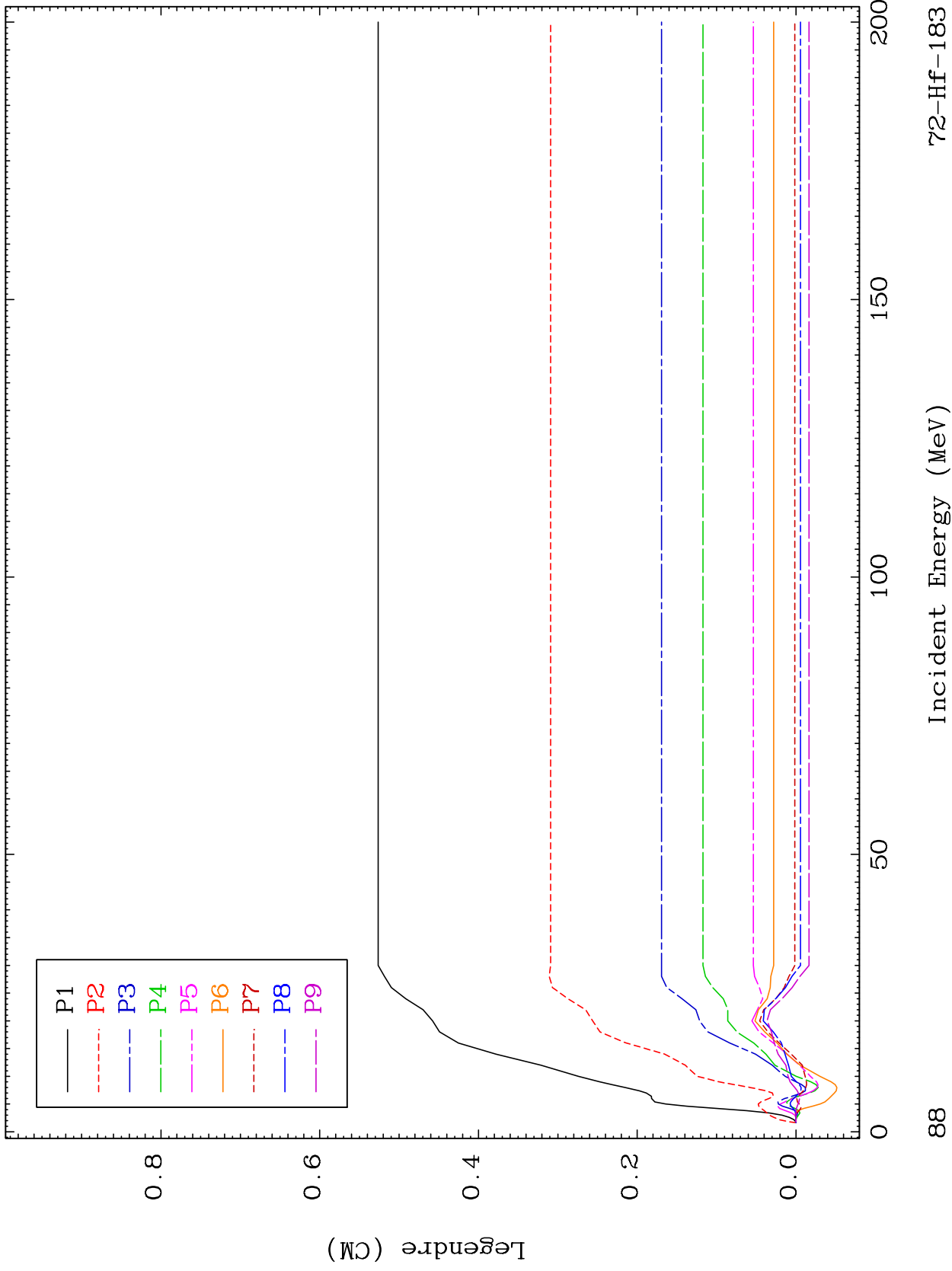
85

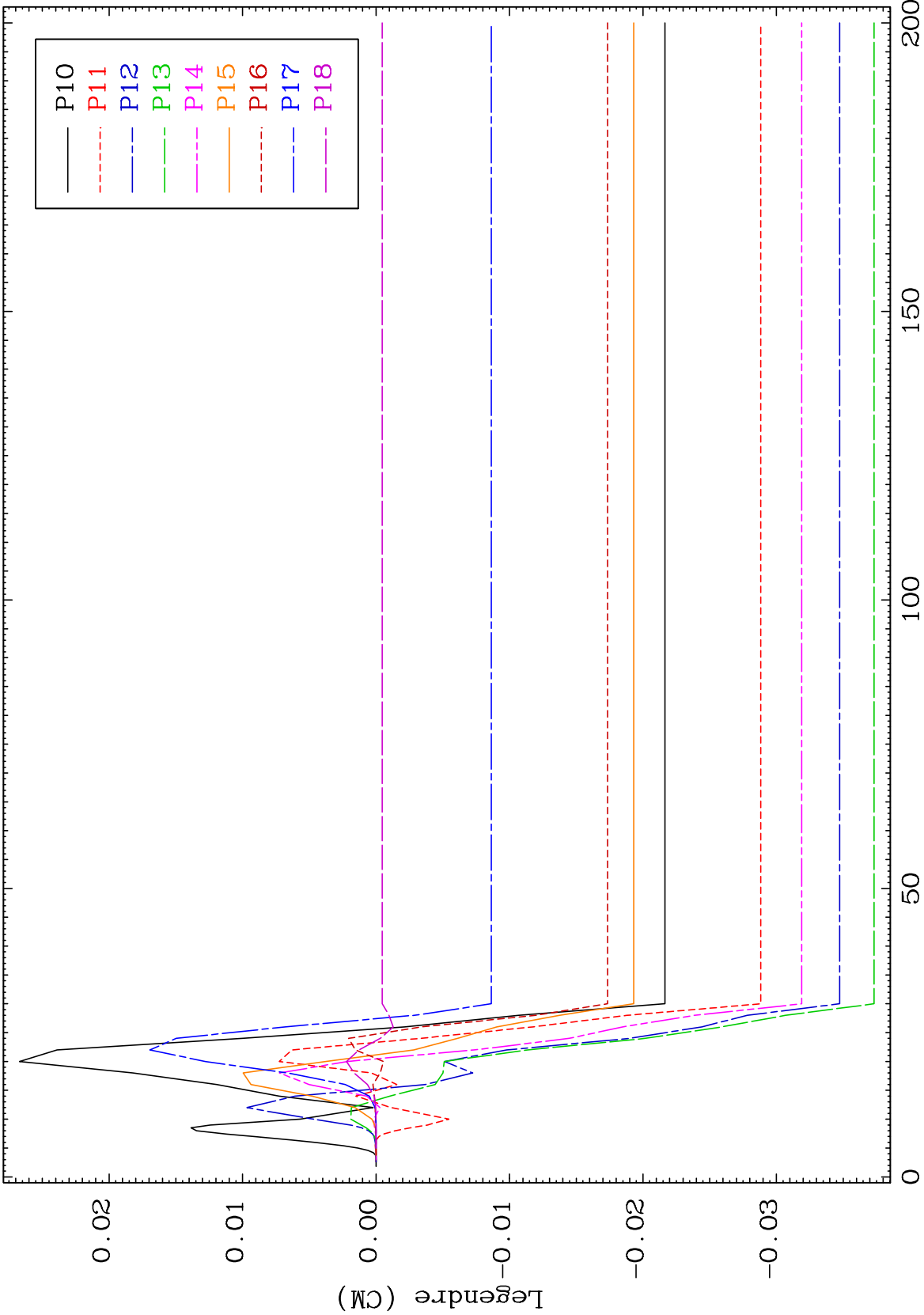
Incident Energy (MeV)

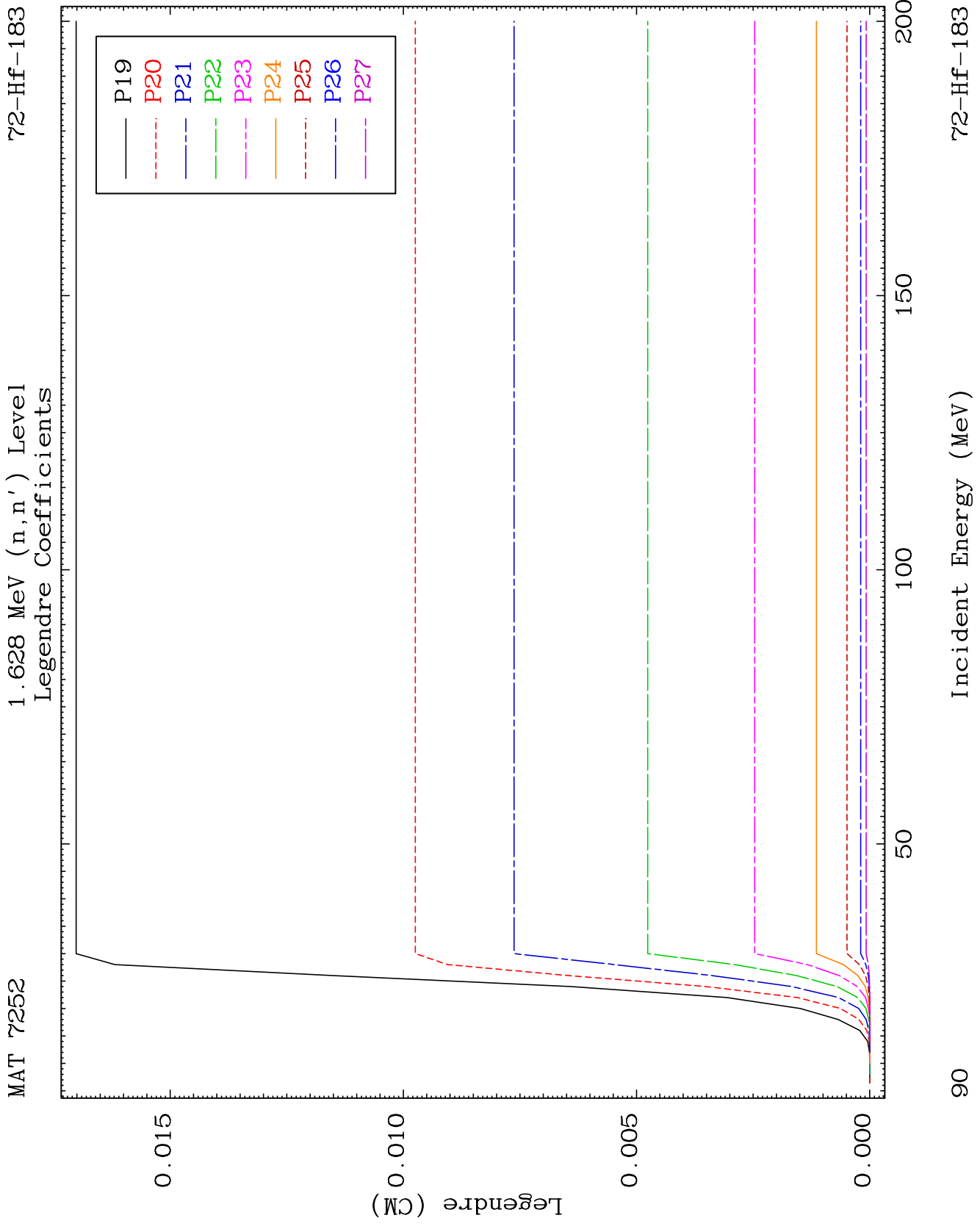
72-Hf-183

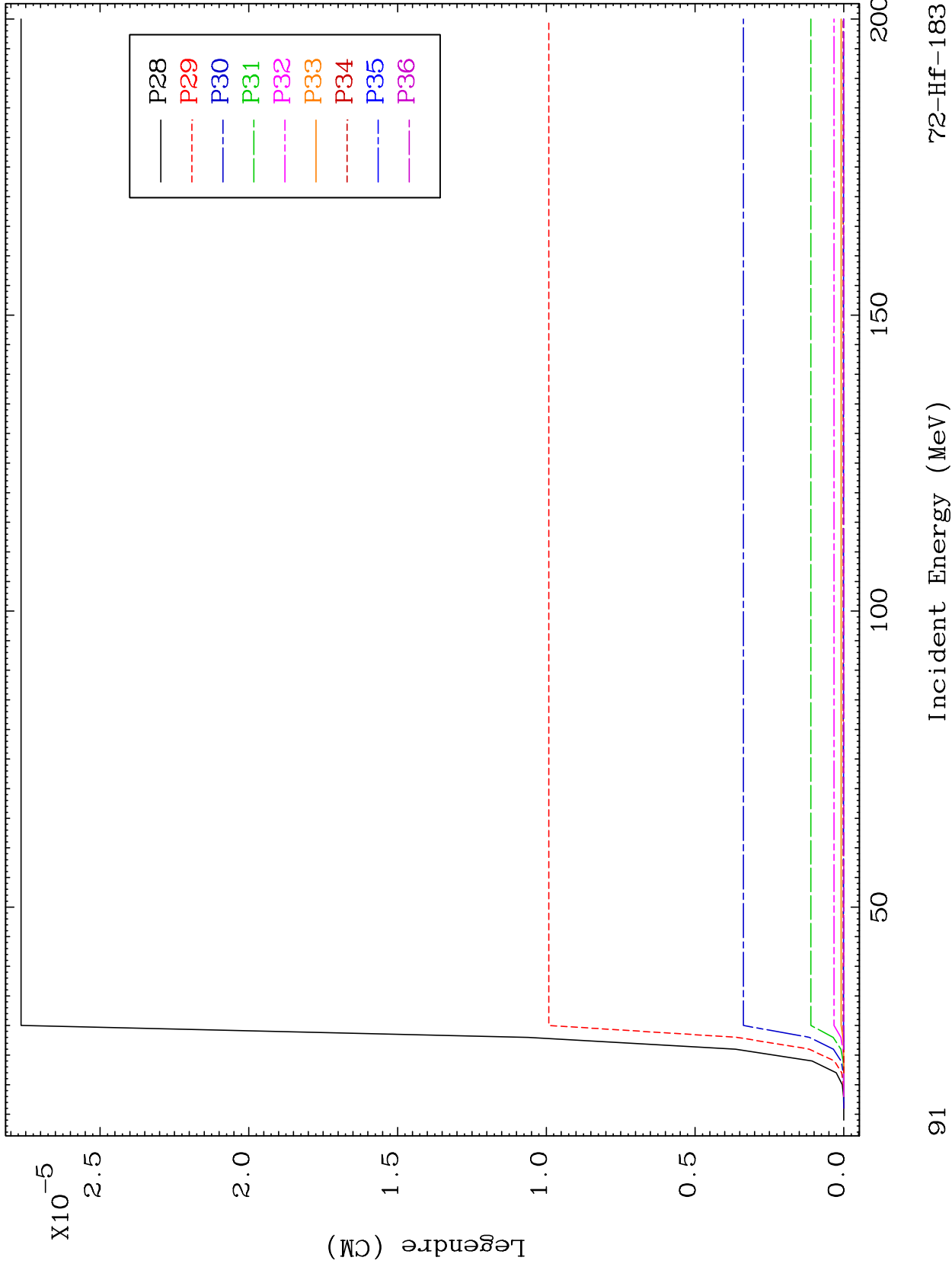


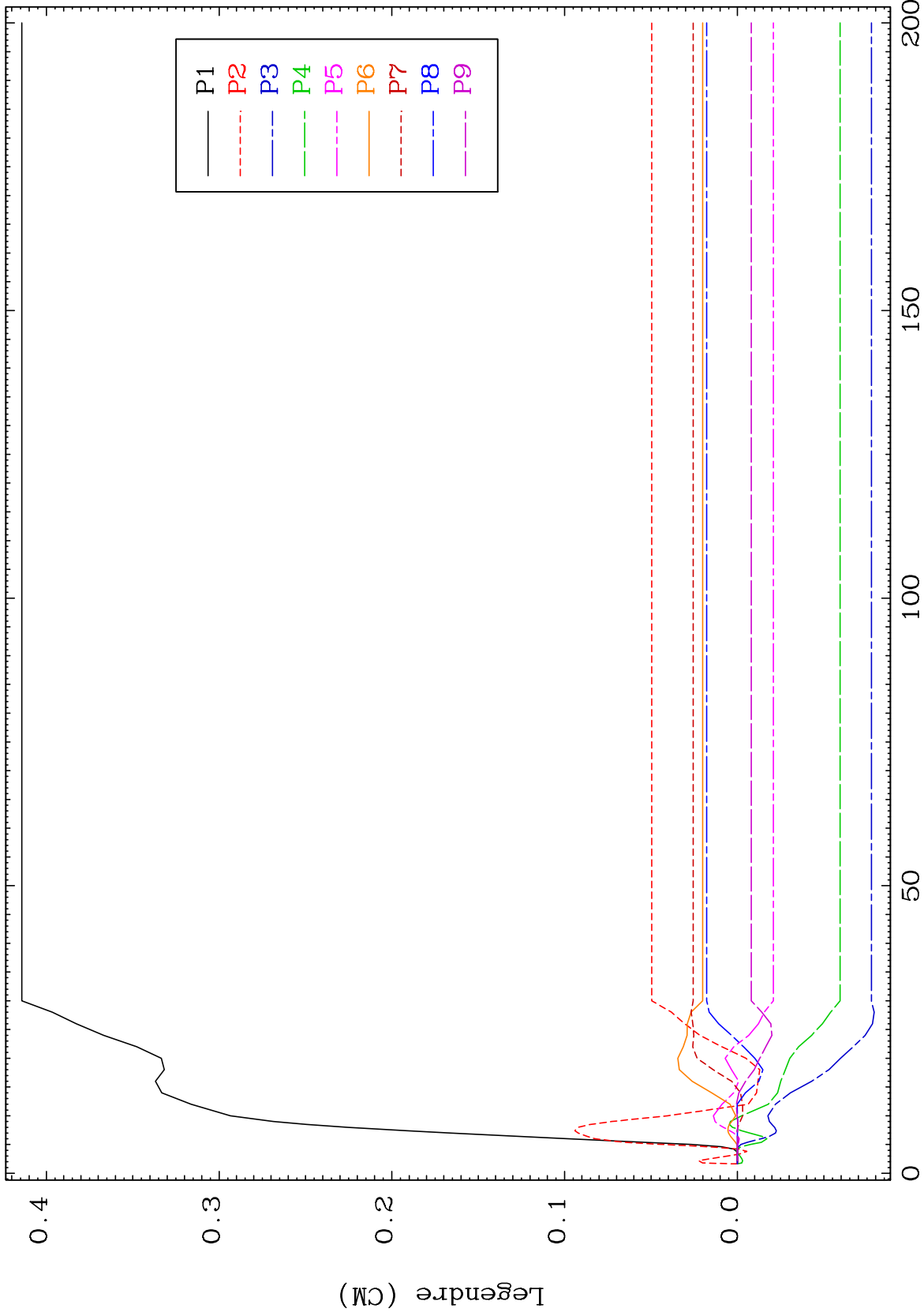


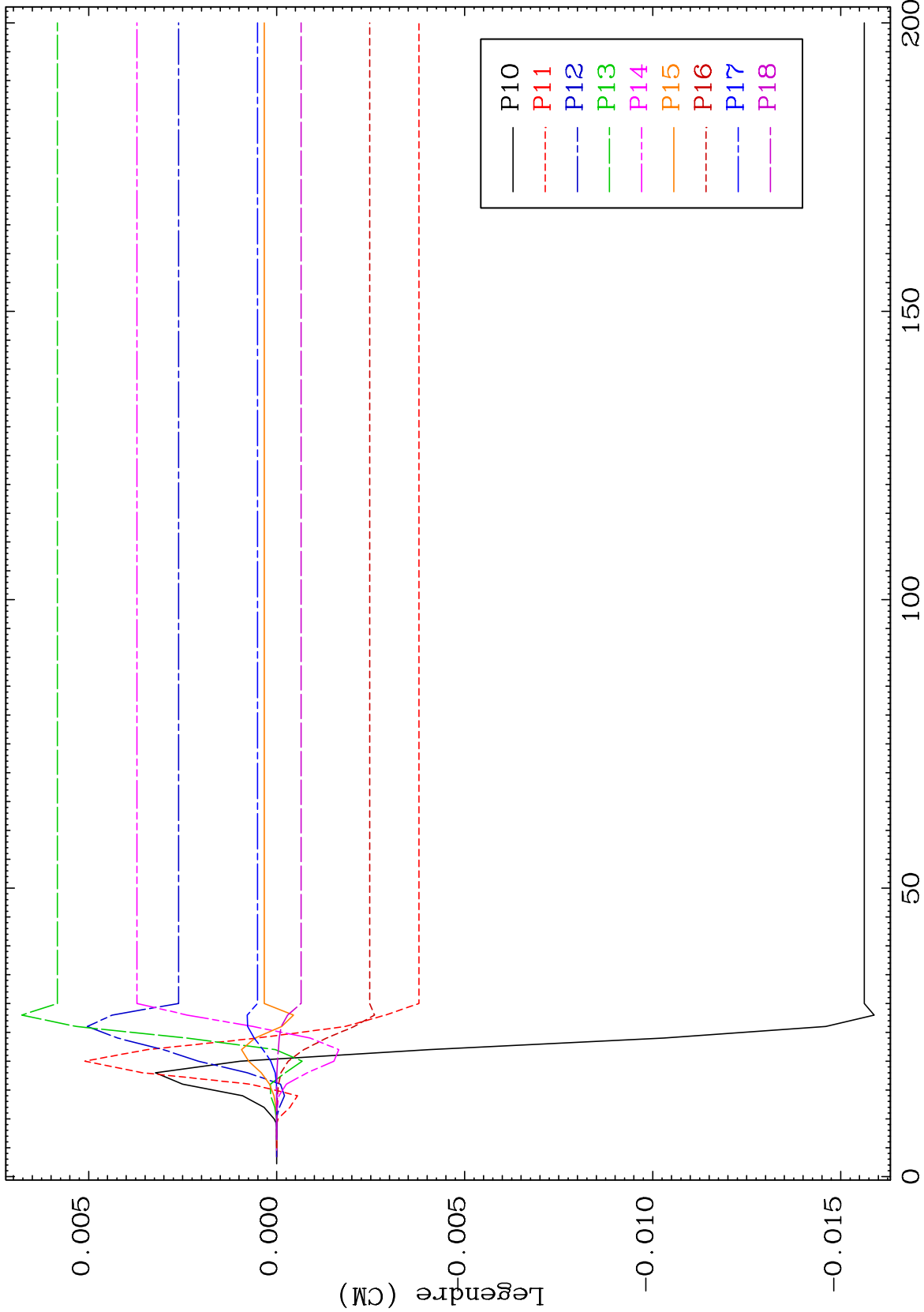








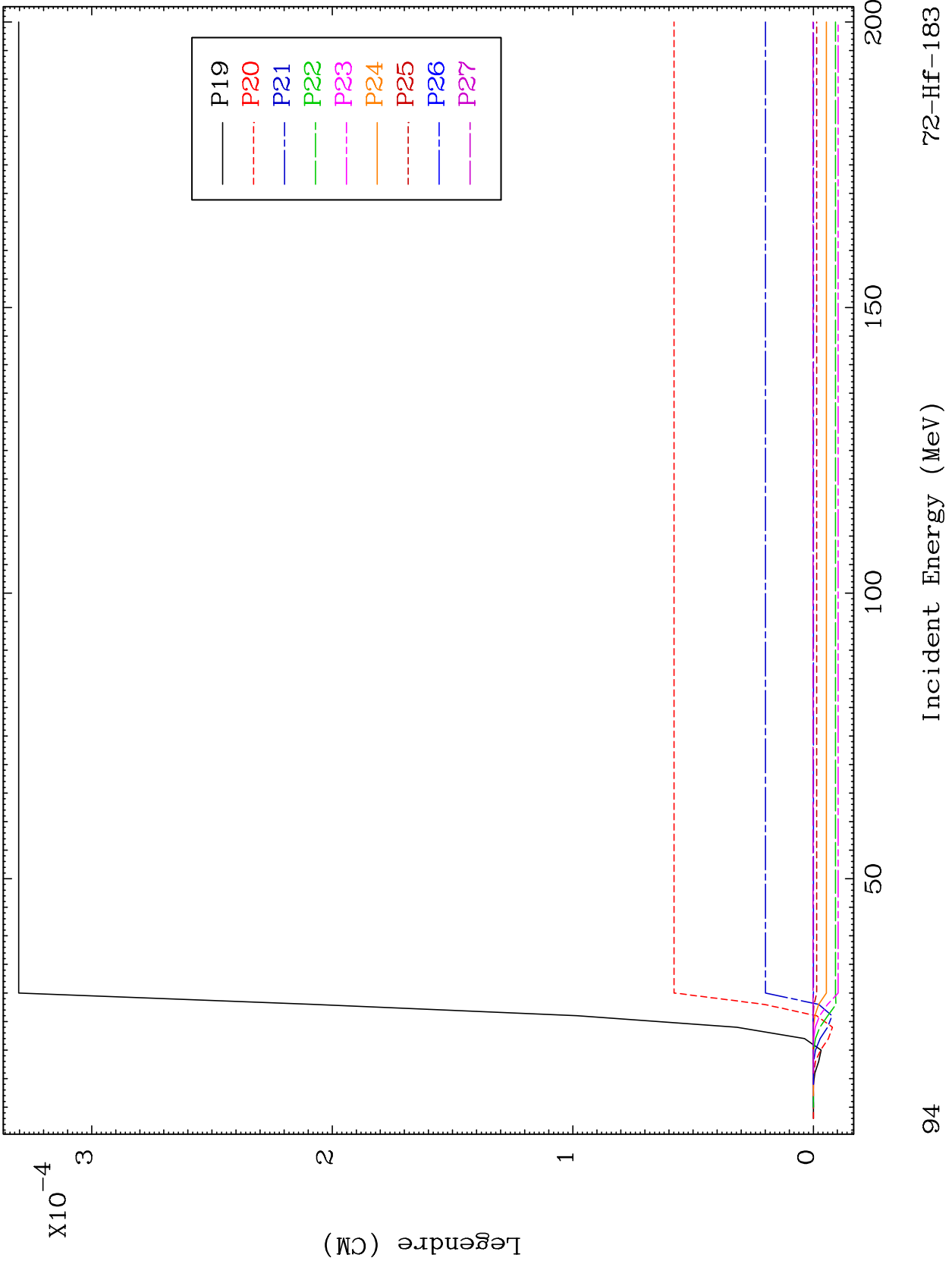




MAT 7252

1.629 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



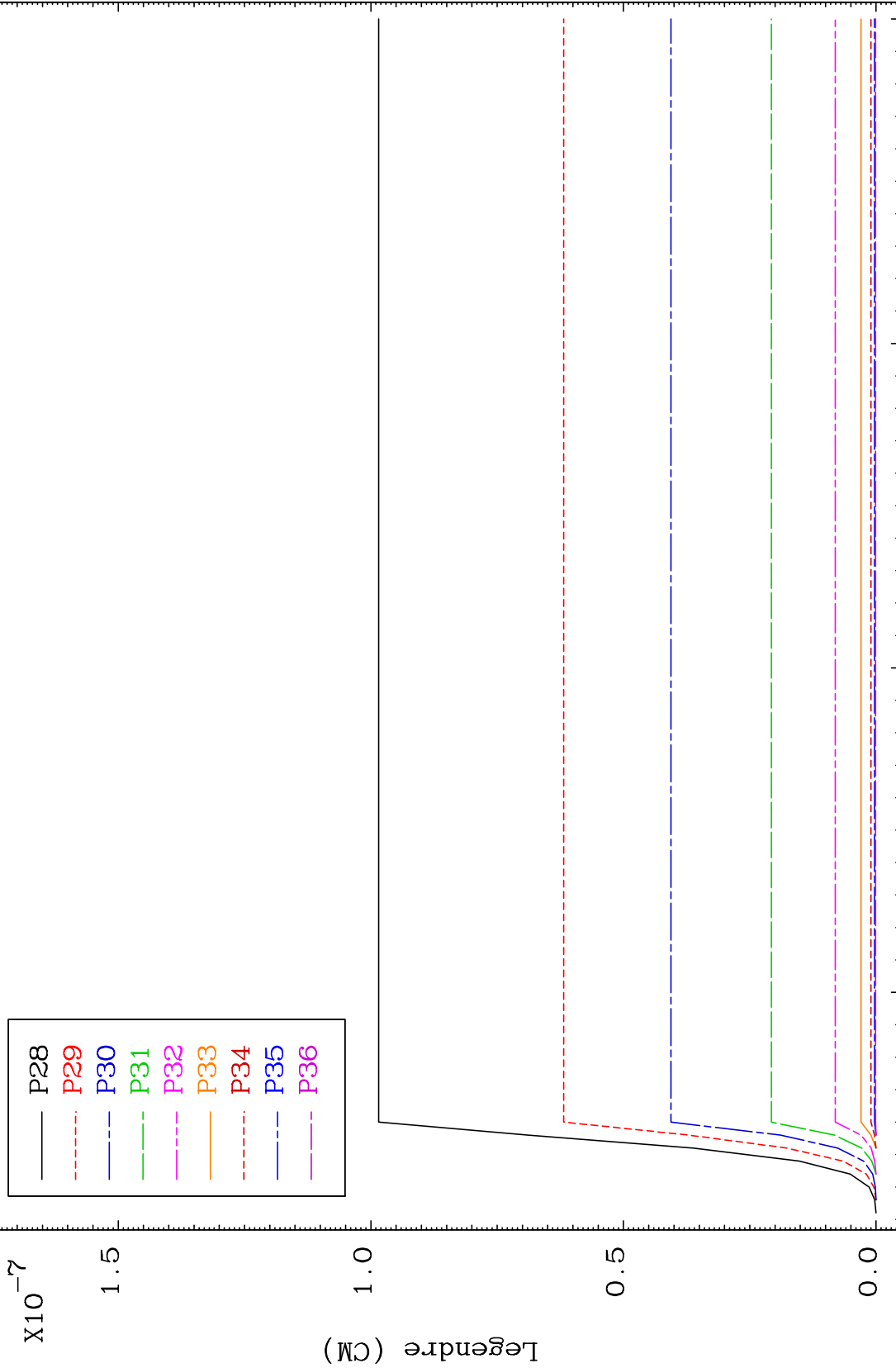
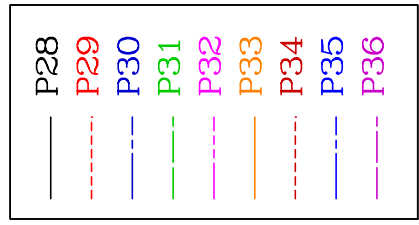
94

72-Hf-183

MAT 7252

1.629 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



95

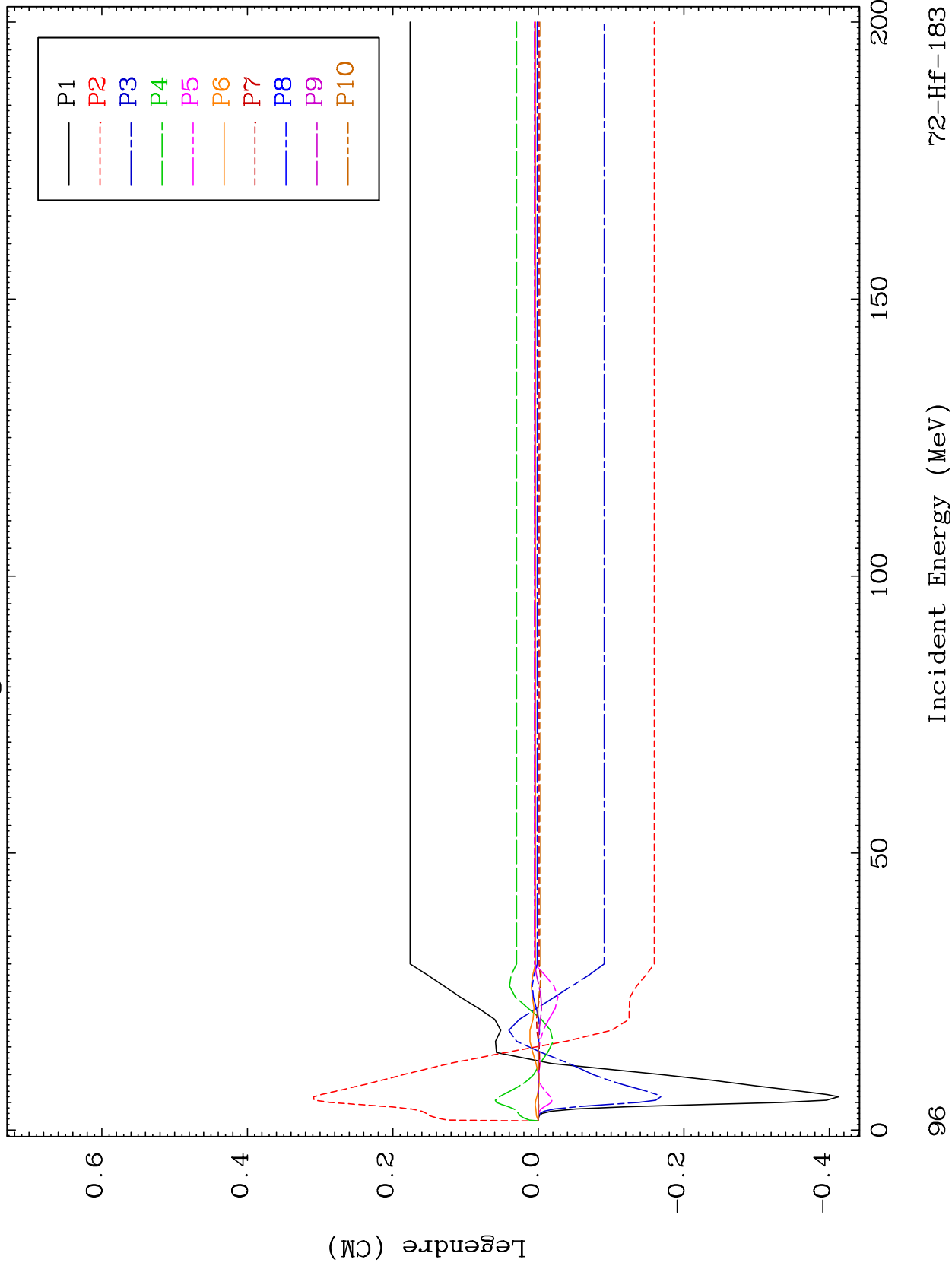
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.630 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

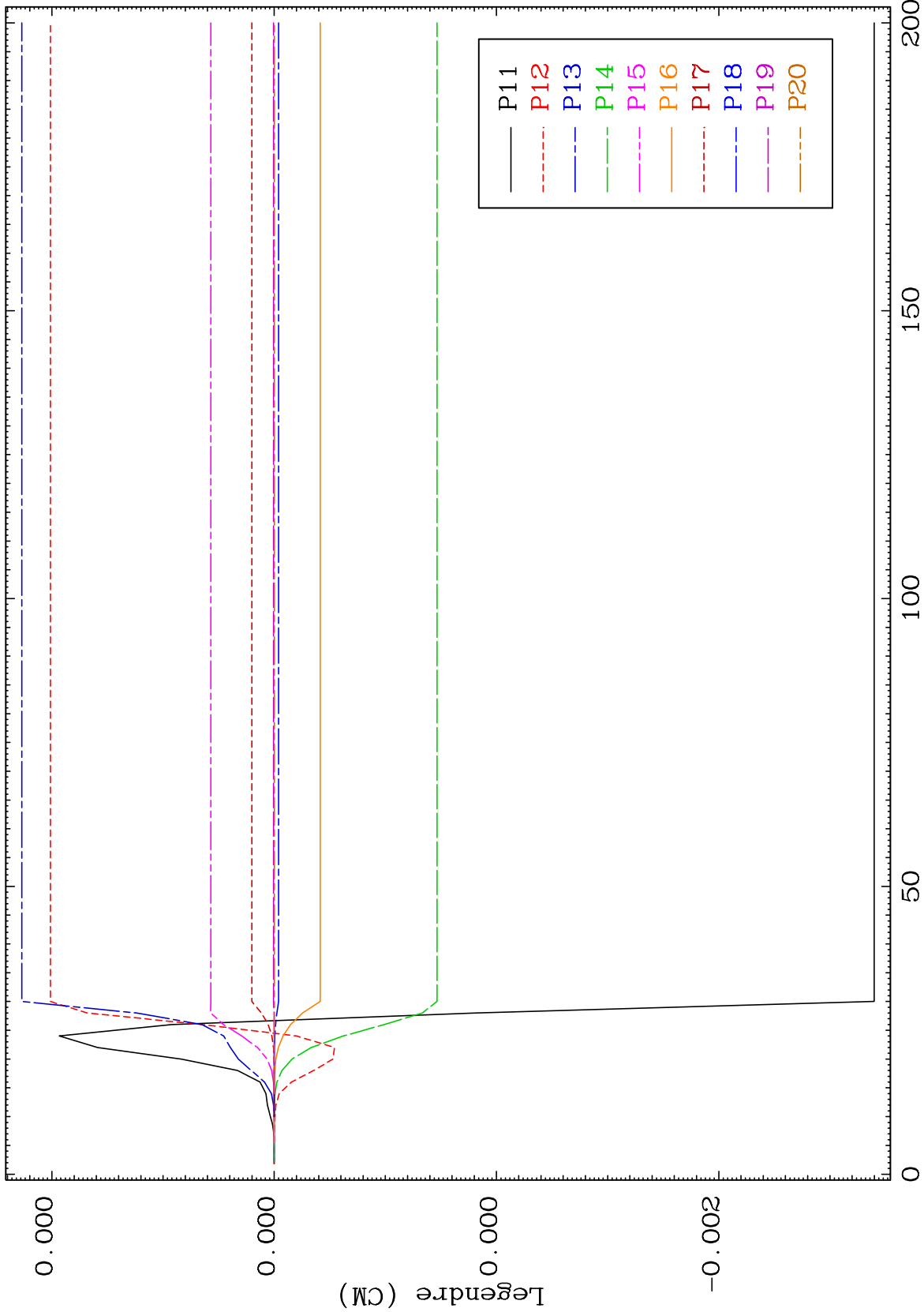
Incident Energy (MeV)

96

MAT 7252

1.630 MeV (n,n') Level
Legendre Coefficients

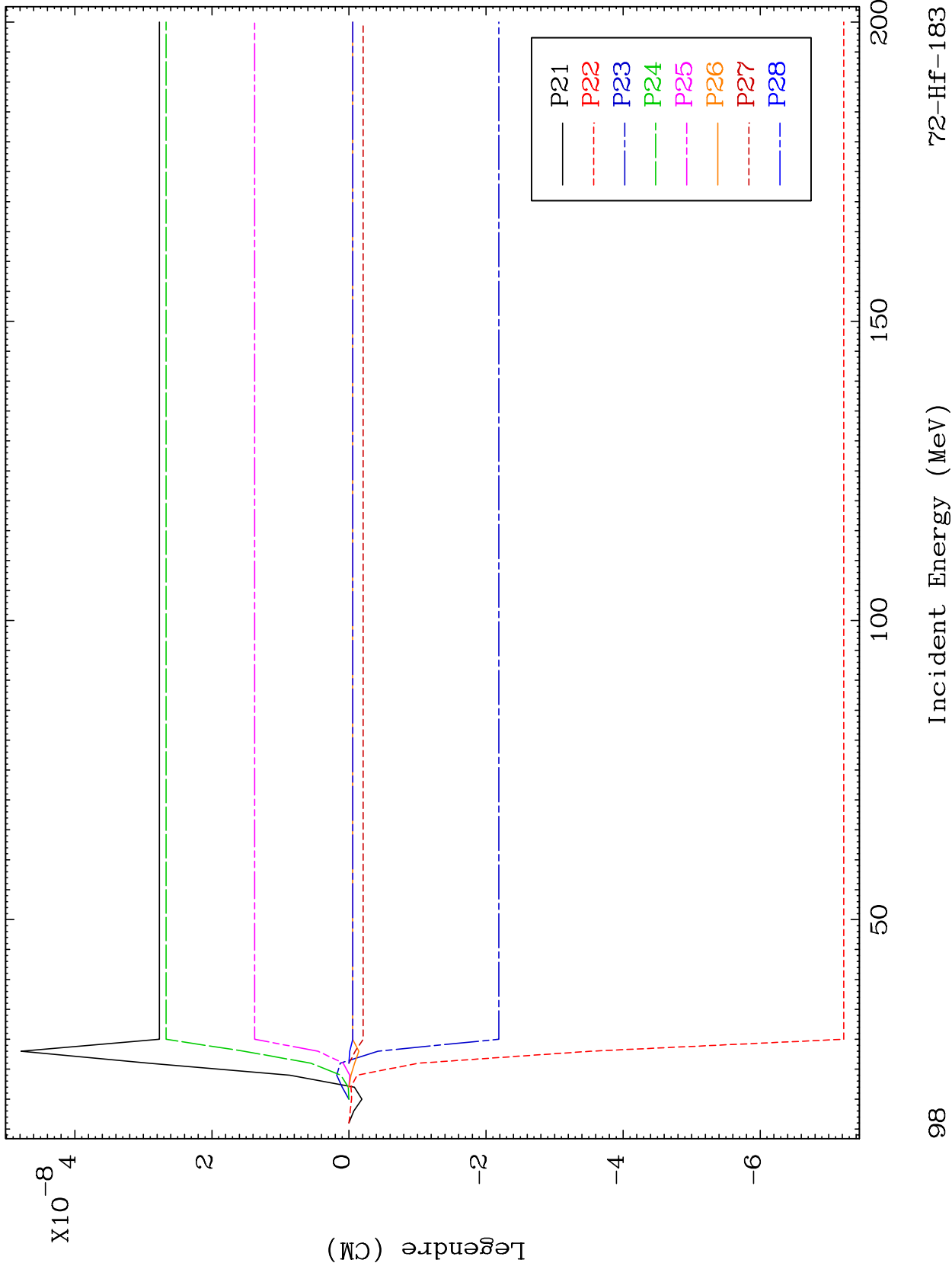
72-Hf-183



97

Incident Energy (MeV)

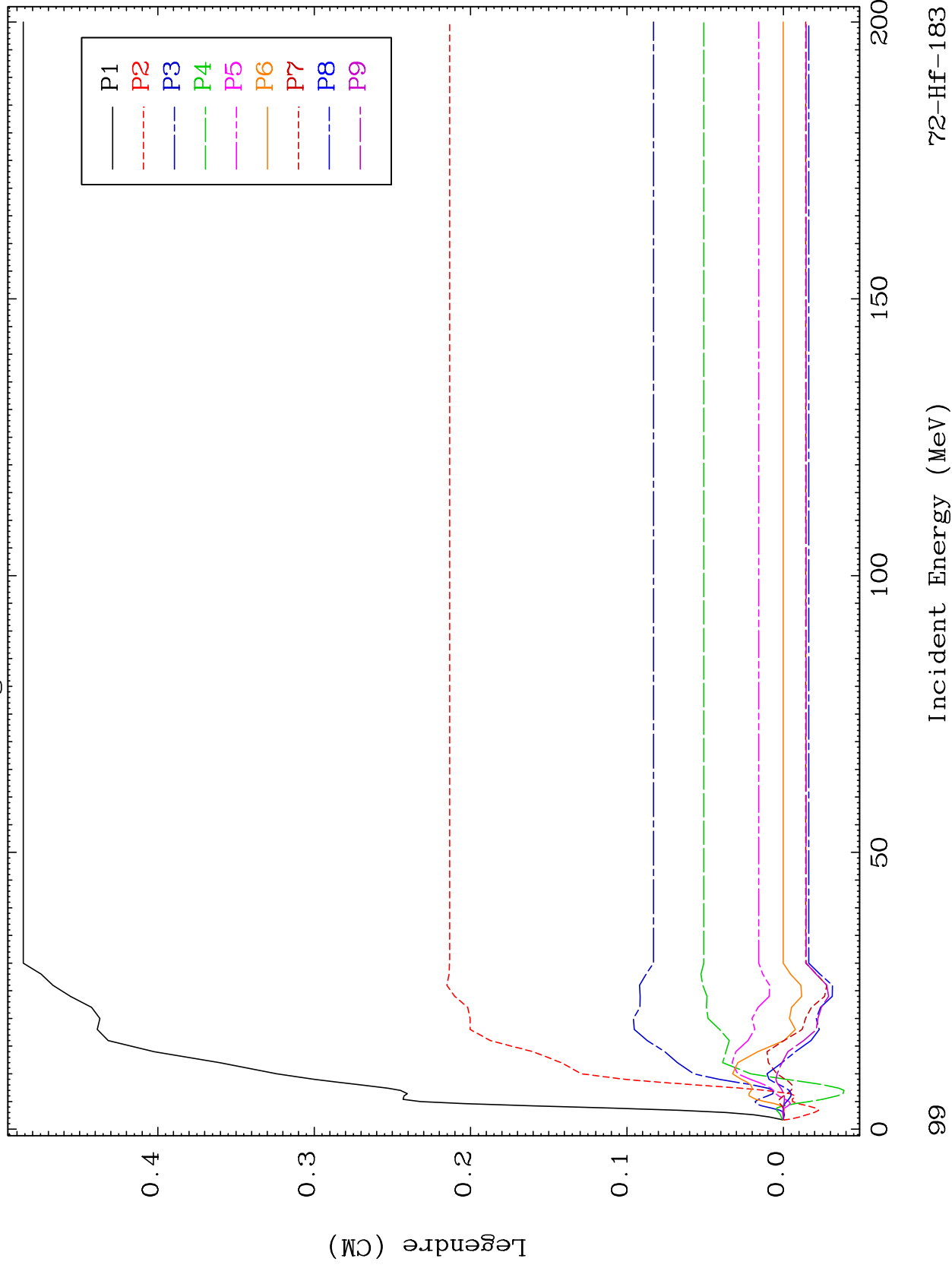
72-Hf-183



MAT 7252

1.631 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



99

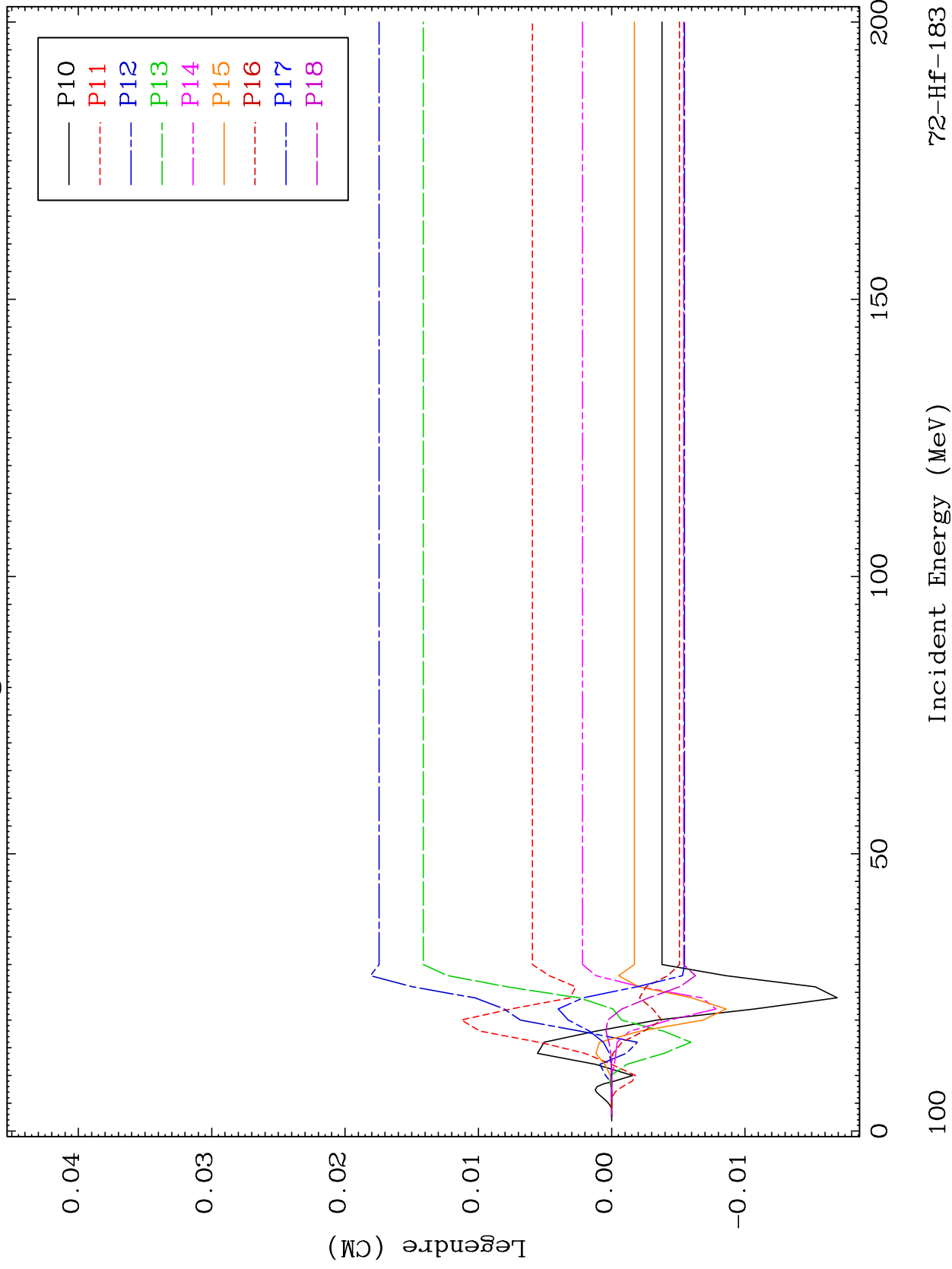
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.631 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

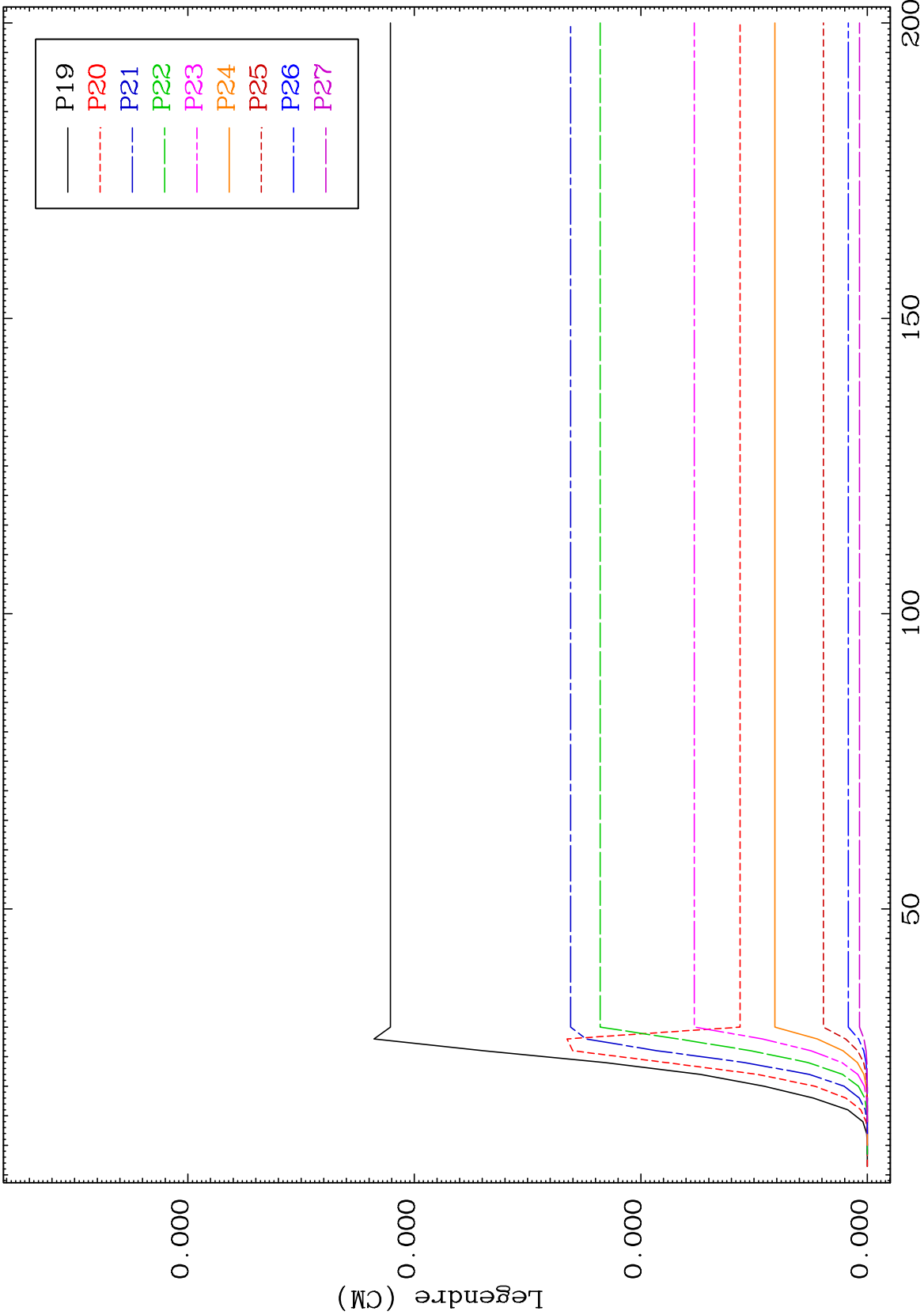
Incident Energy (MeV)

100

MAT 7252

1.631 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



101

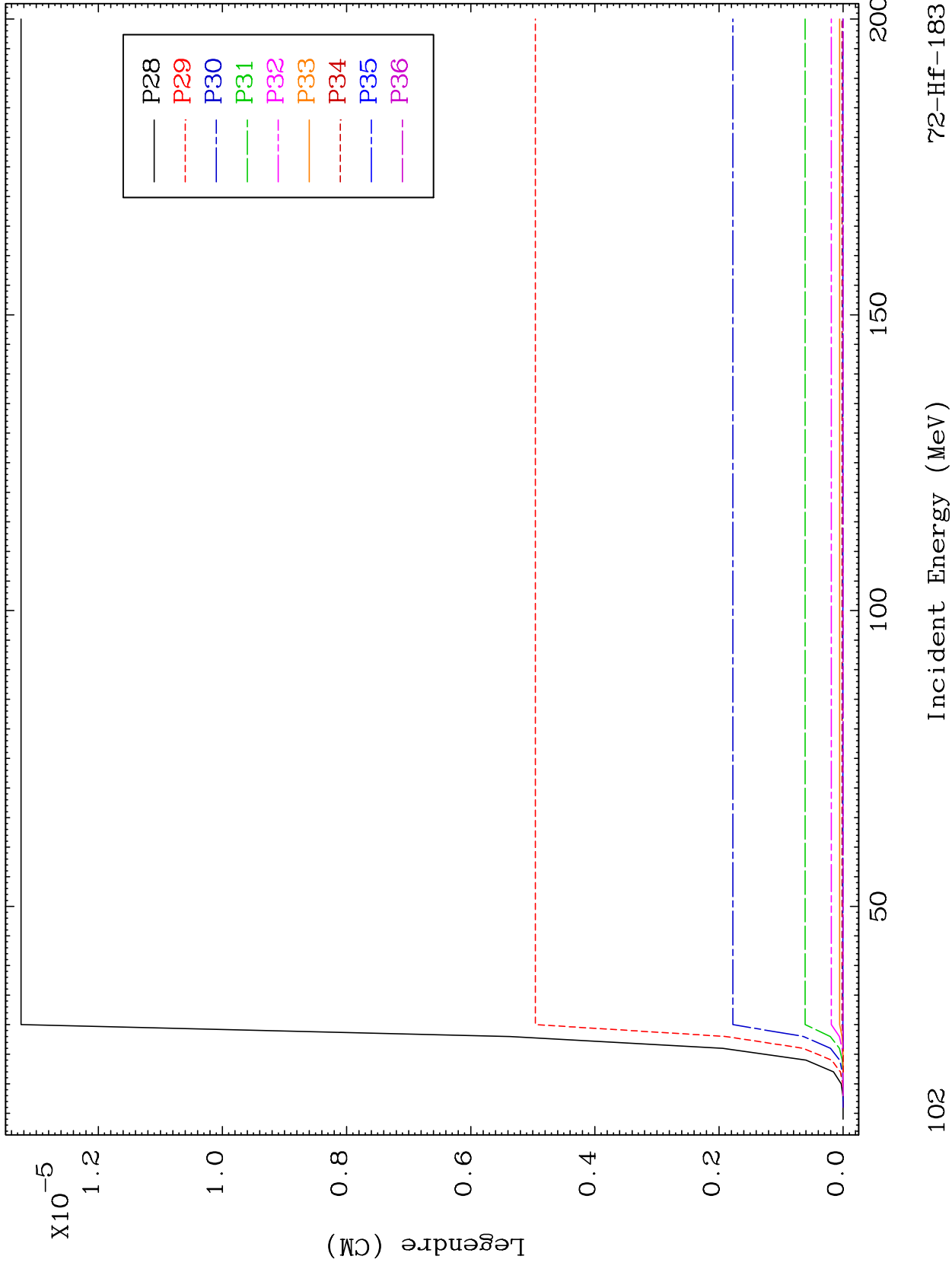
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.631 MeV (n,n') Level
Legendre Coefficients

72-Hf-183

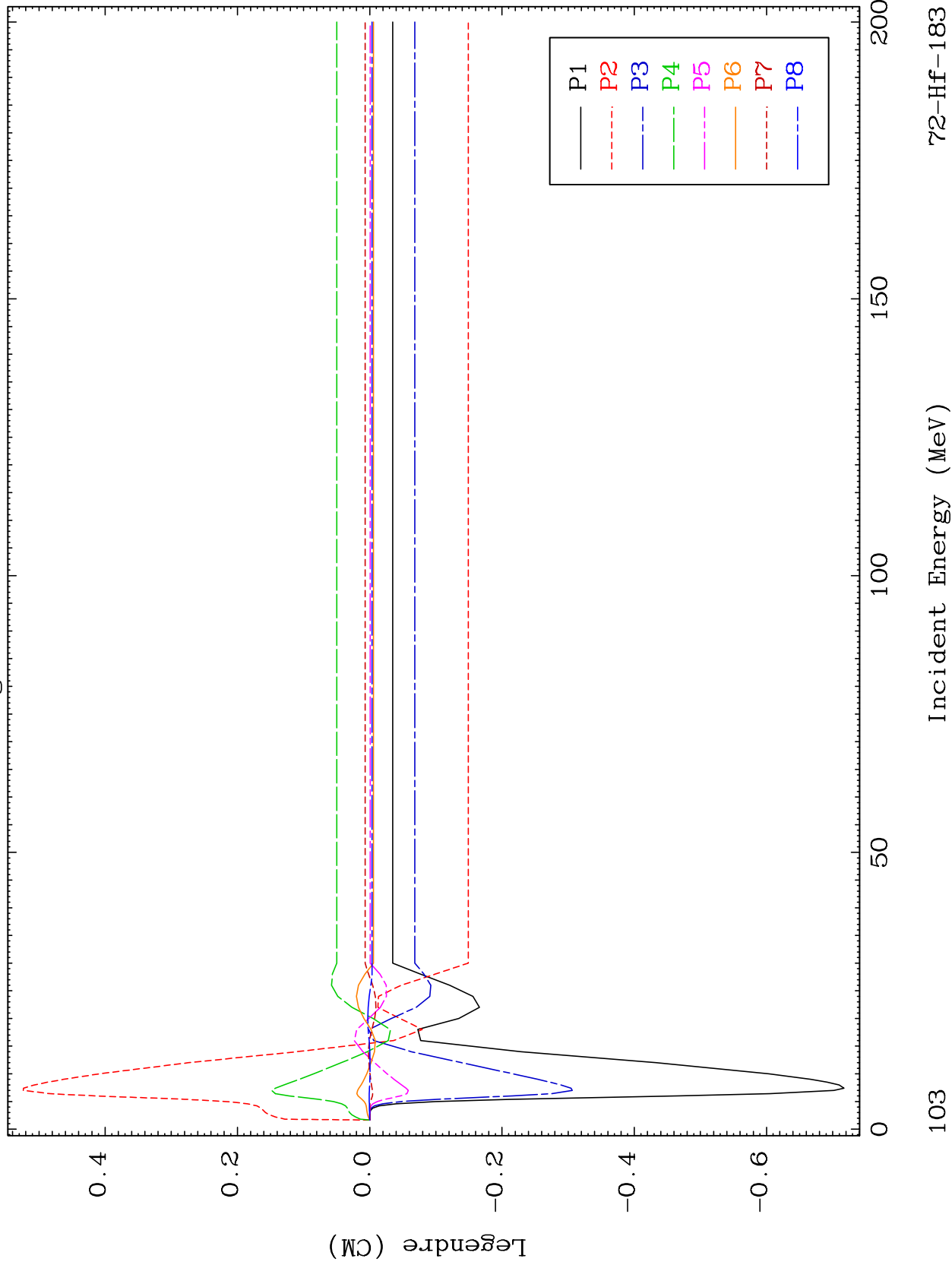


102

MAT 7252

1.632 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

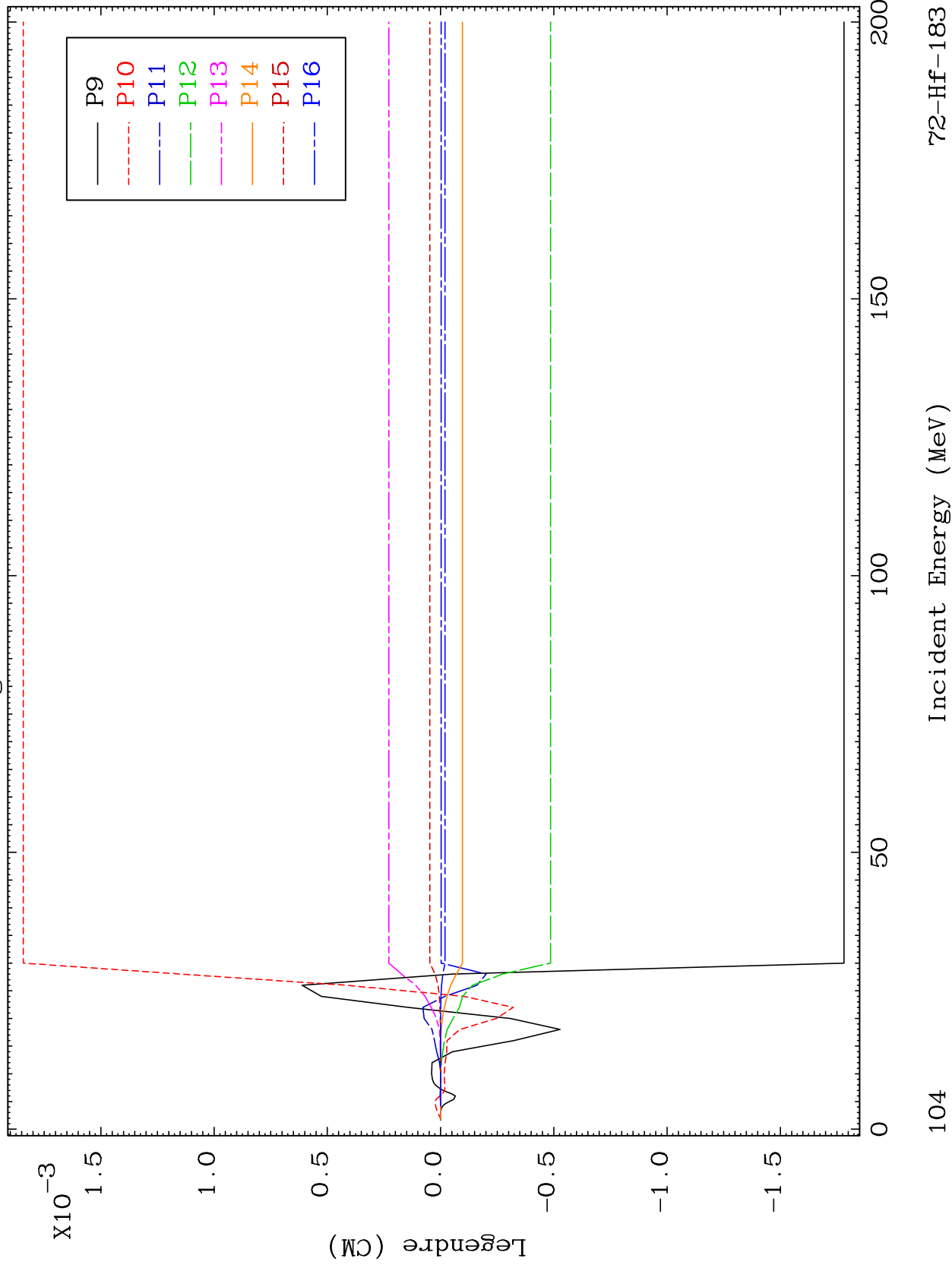
Incident Energy (MeV)

103

MAT 7252

1.632 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



104

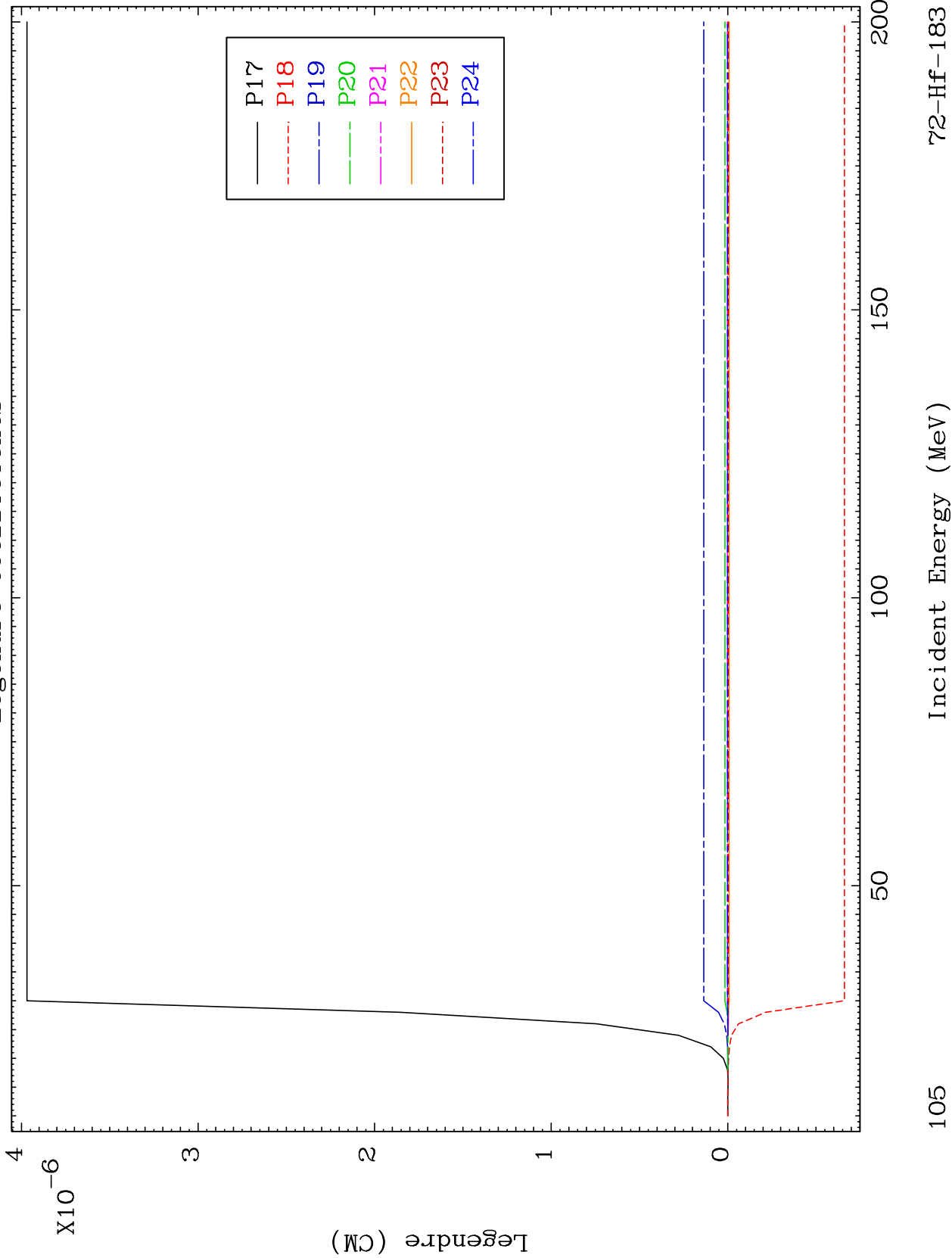
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.632 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



105

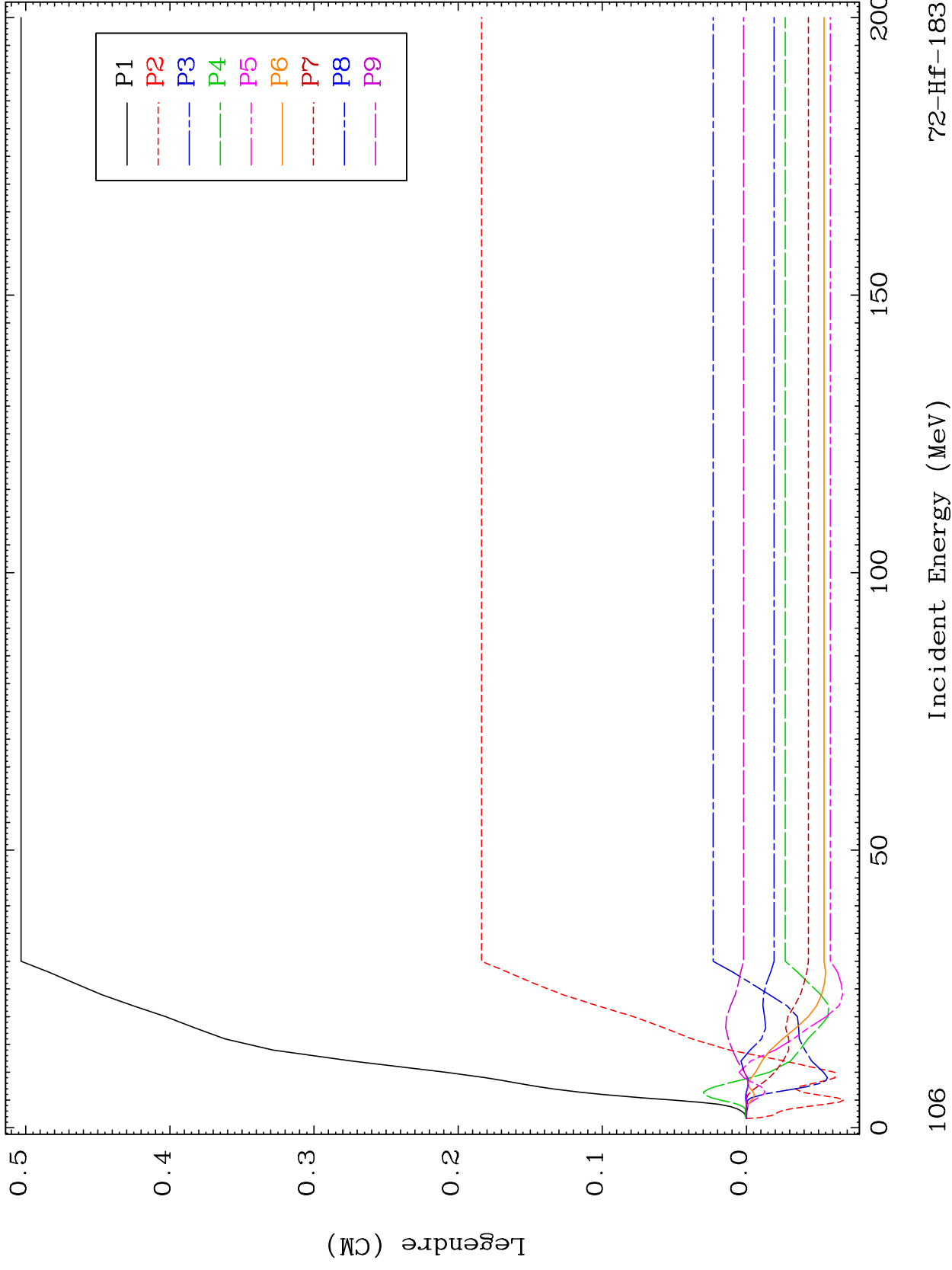
Incident Energy (MeV)

72-Hf-183

MAT 7252

1.633 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



72-Hf-183

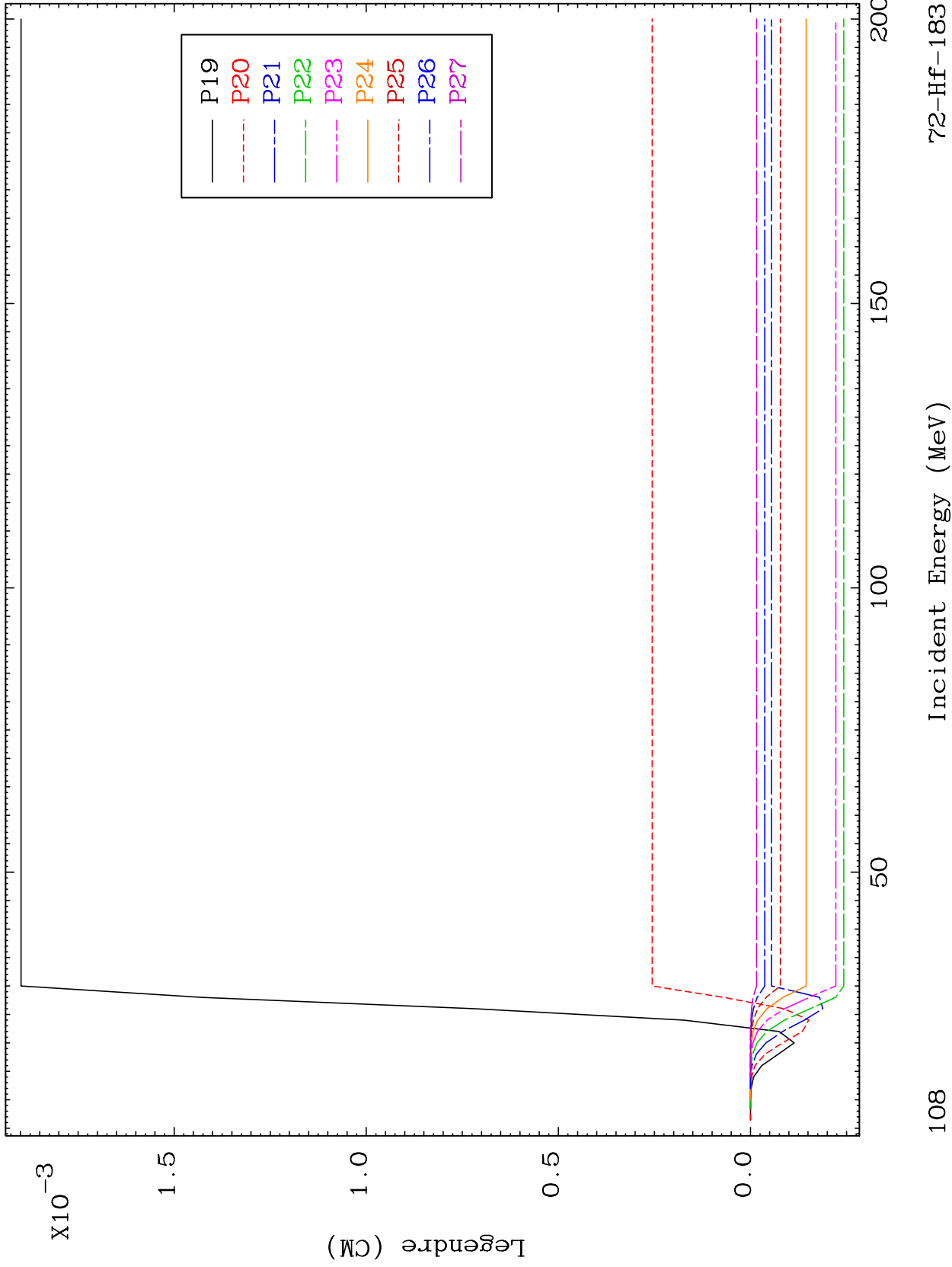
Incident Energy (MeV)

106

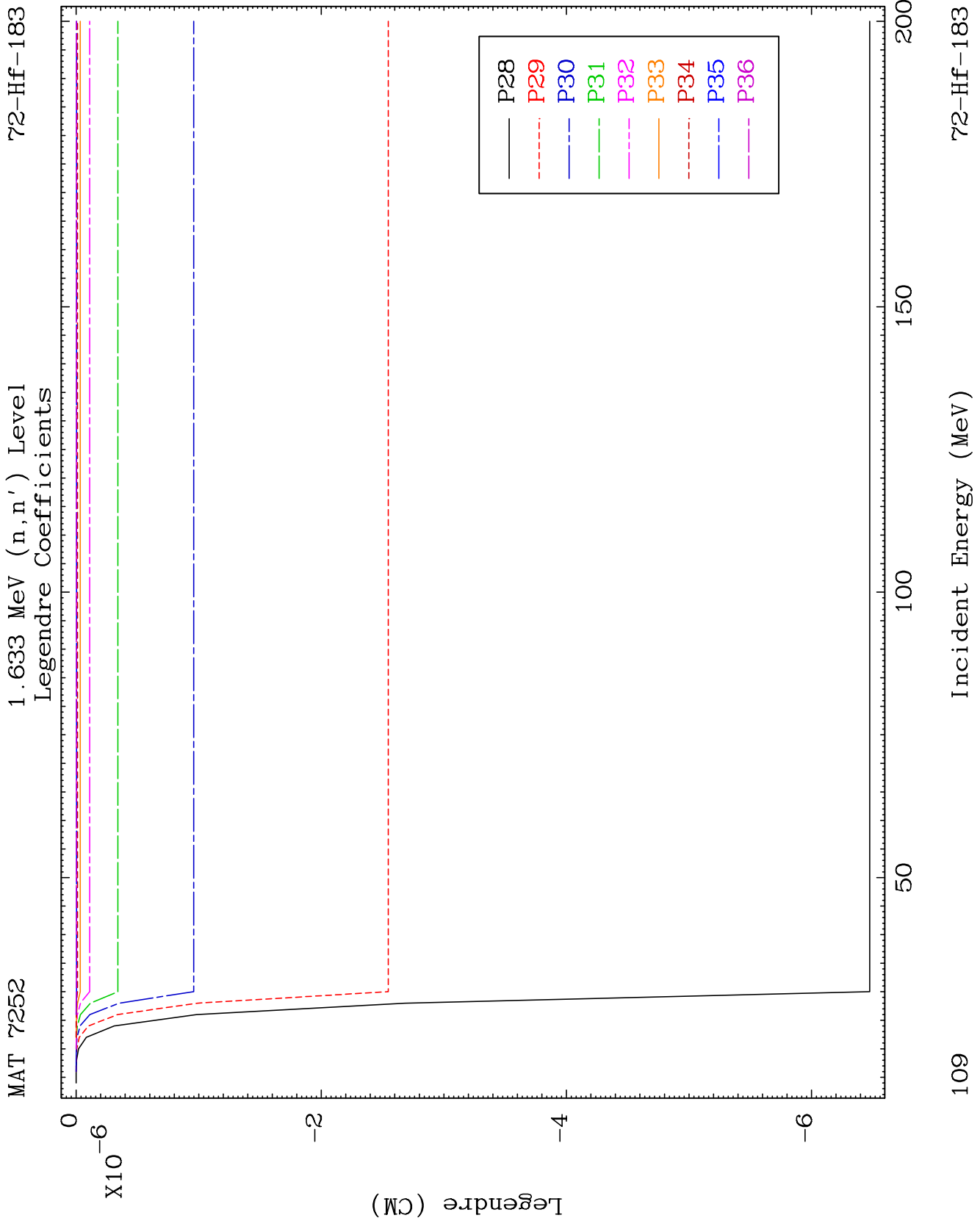
MAT 7252

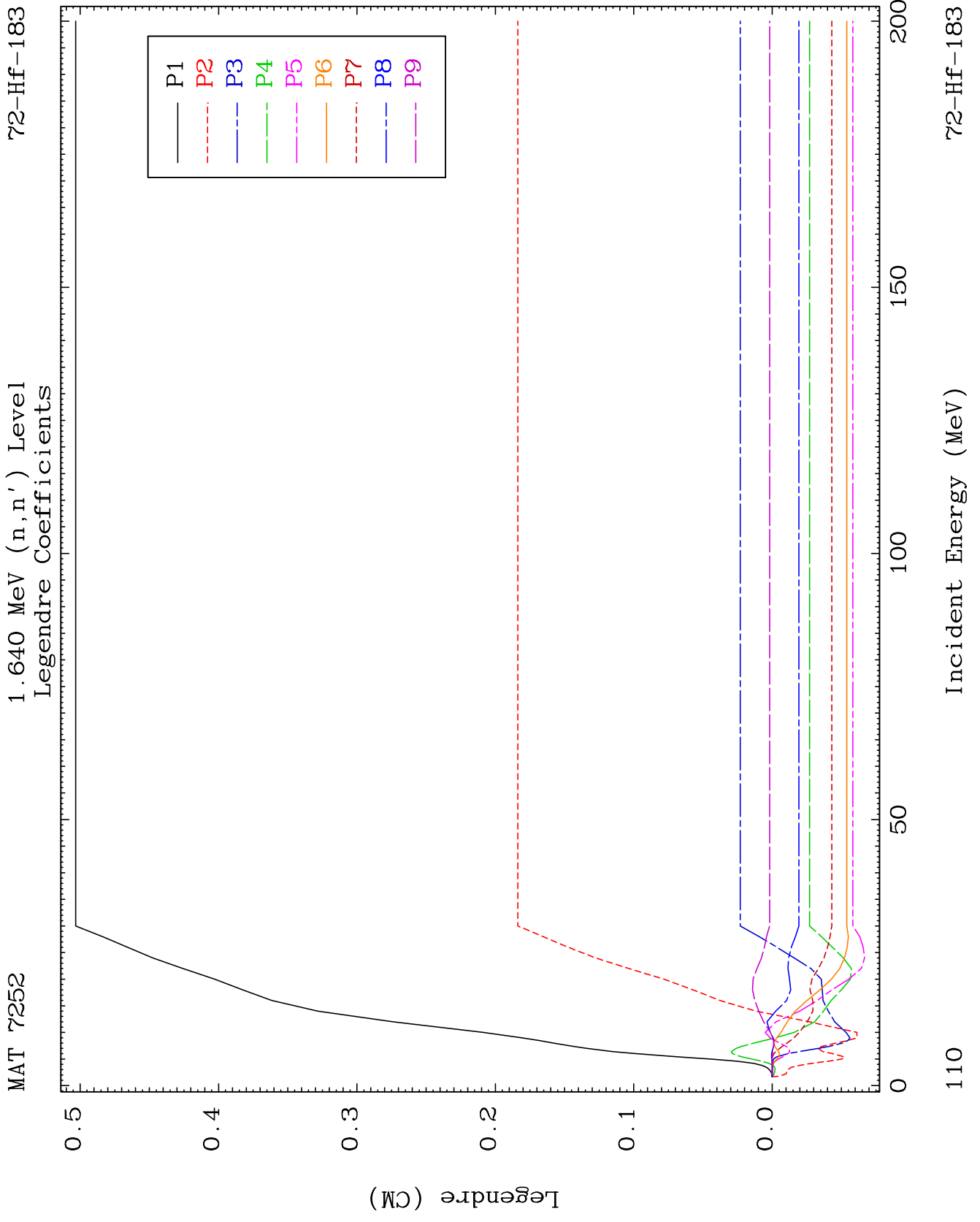
1.633 MeV (n,n') Level
Legendre Coefficients

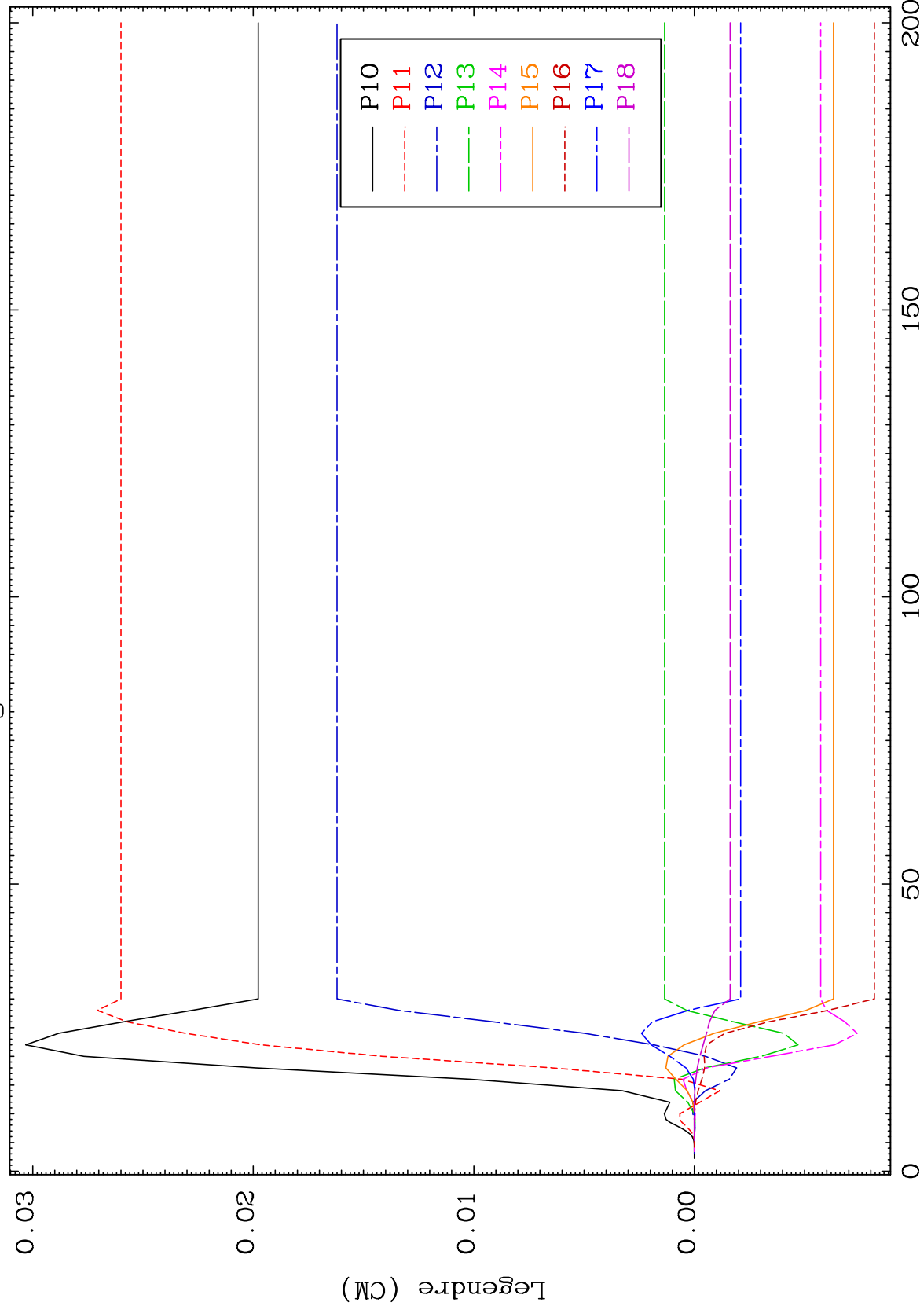
72-Hf-183



108



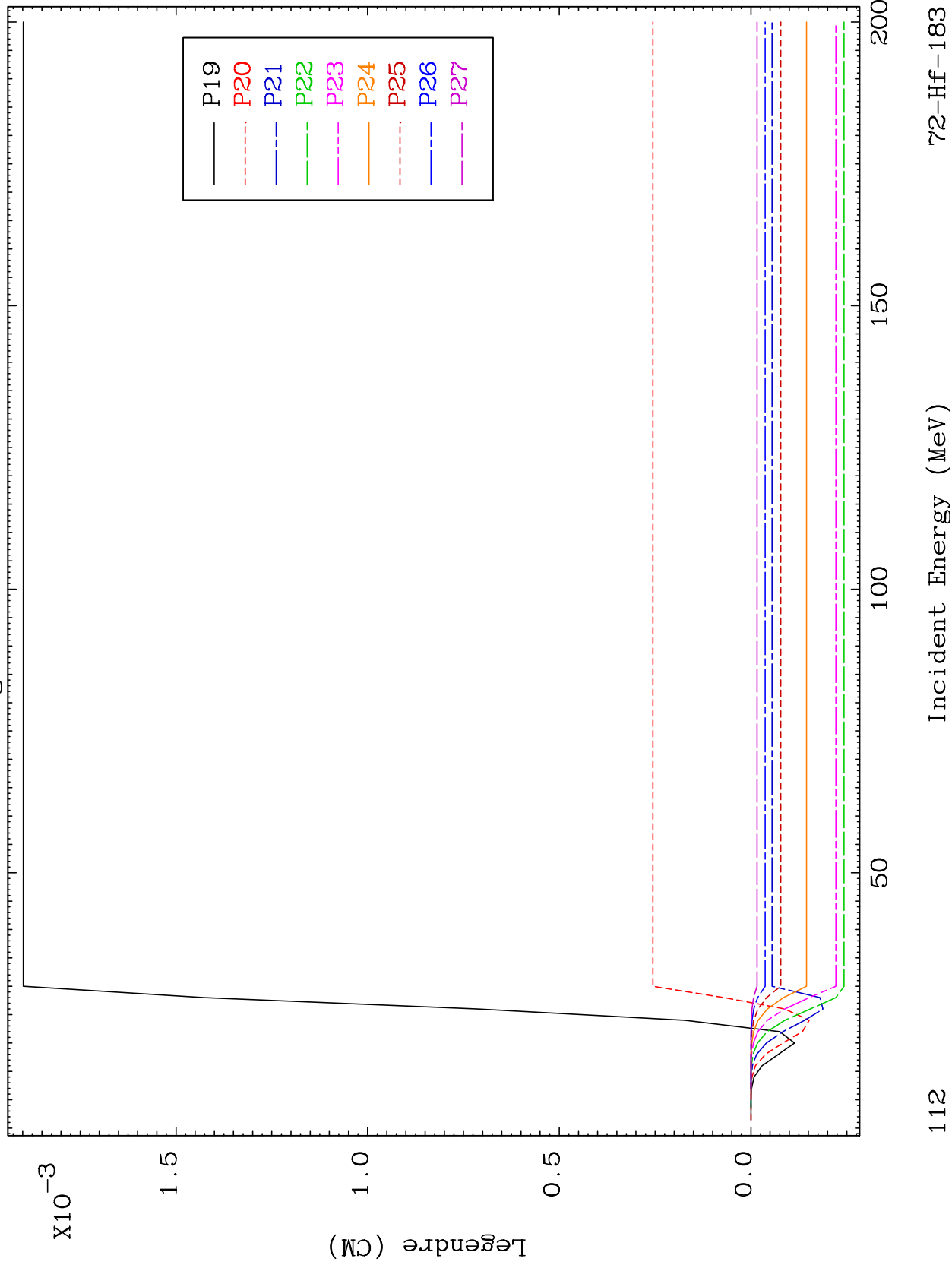




MAT 7252

1.640 MeV (n,n') Level
Legendre Coefficients

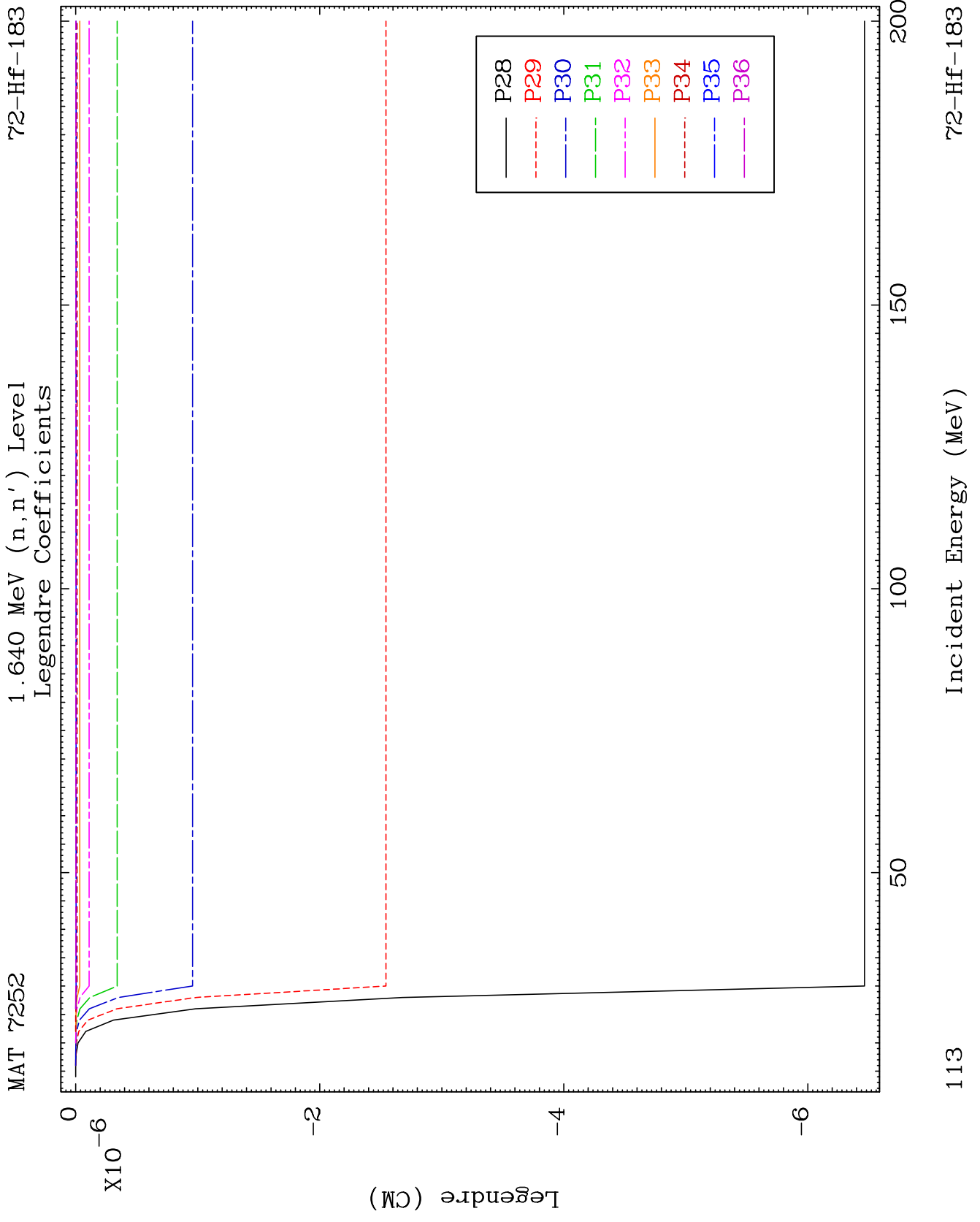
72-Hf-183



112

Incident Energy (MeV)

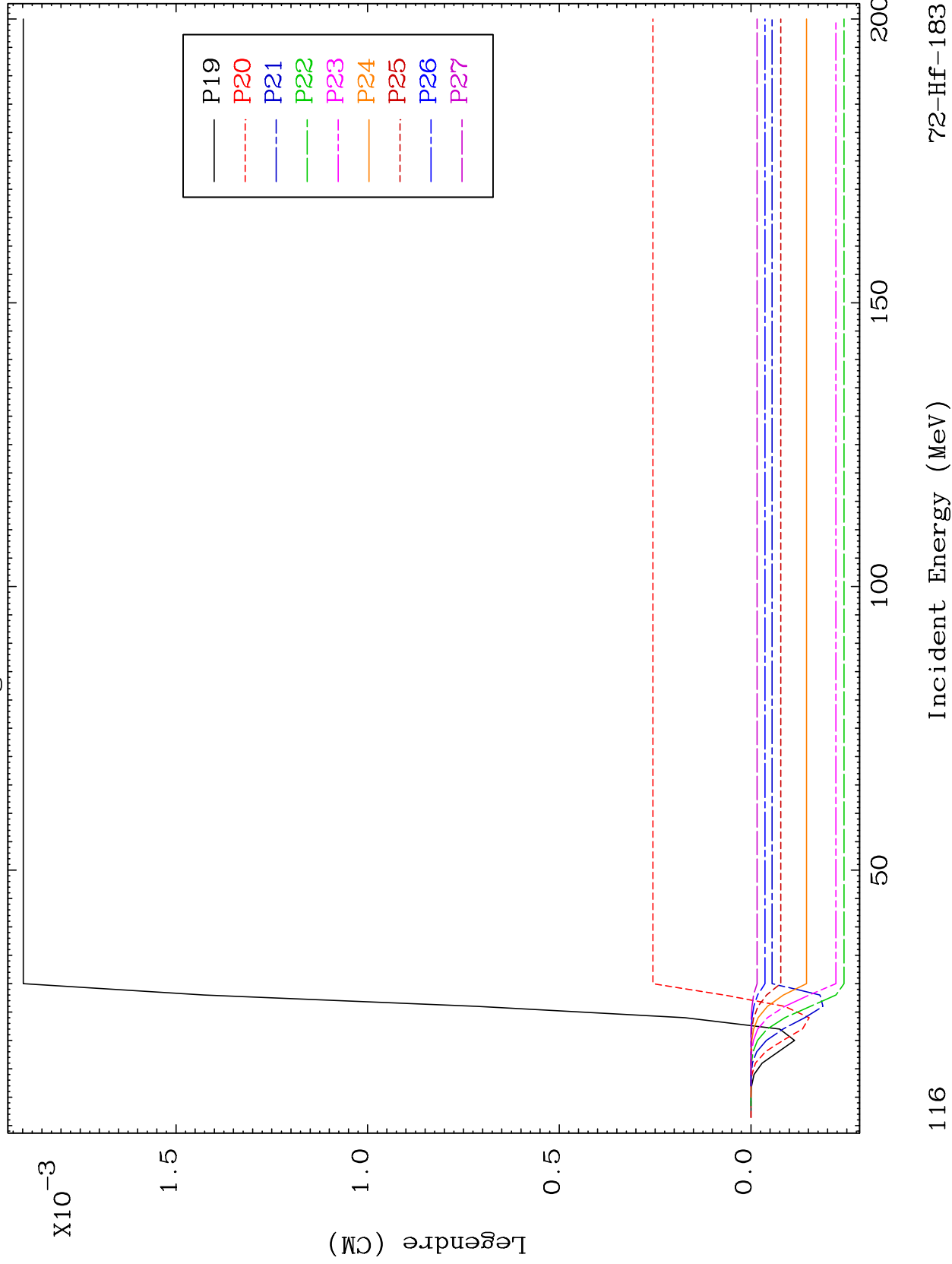
72-Hf-183



MAT 7252

1.641 MeV (n, n') Level
Legendre Coefficients

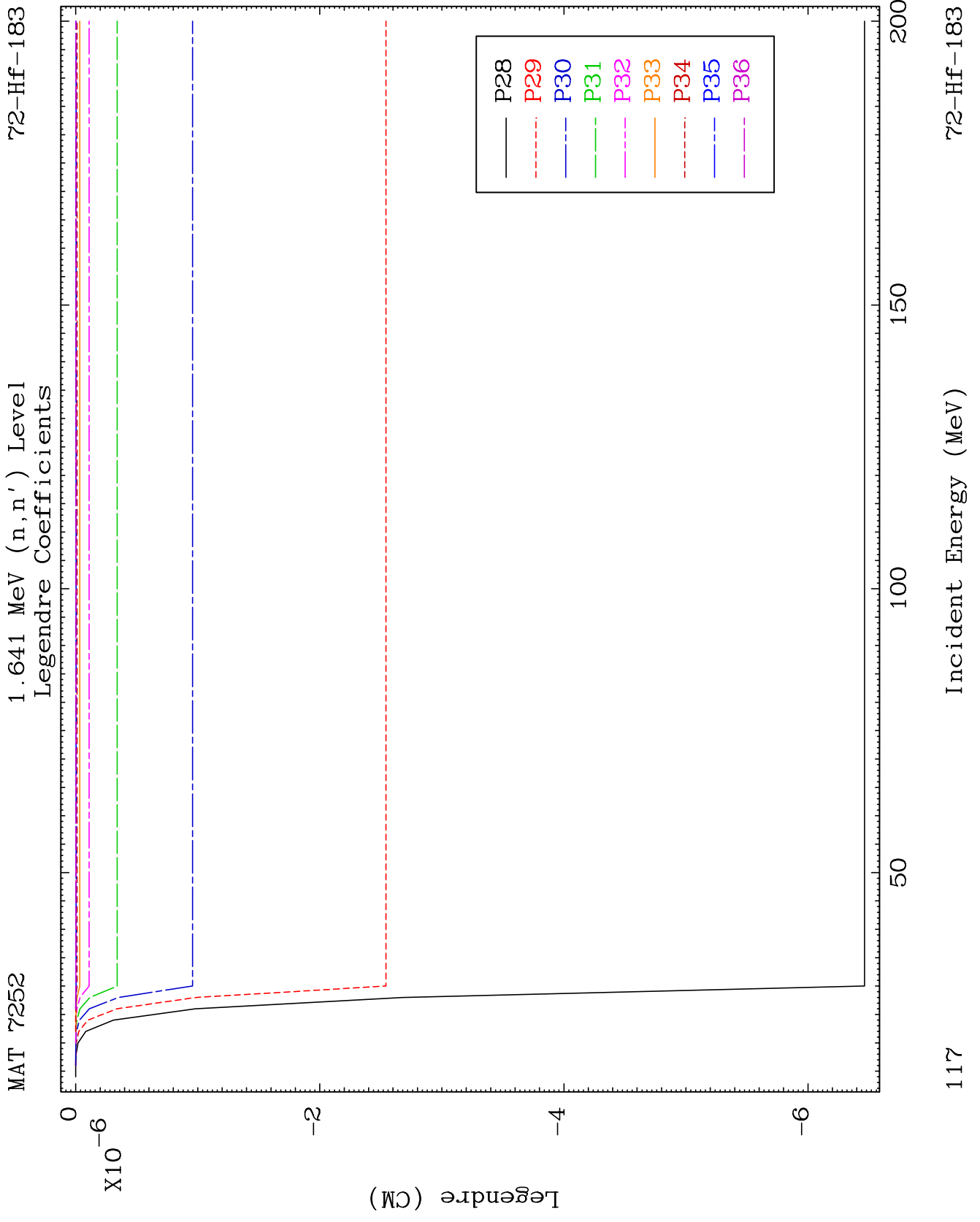
72-Hf-183

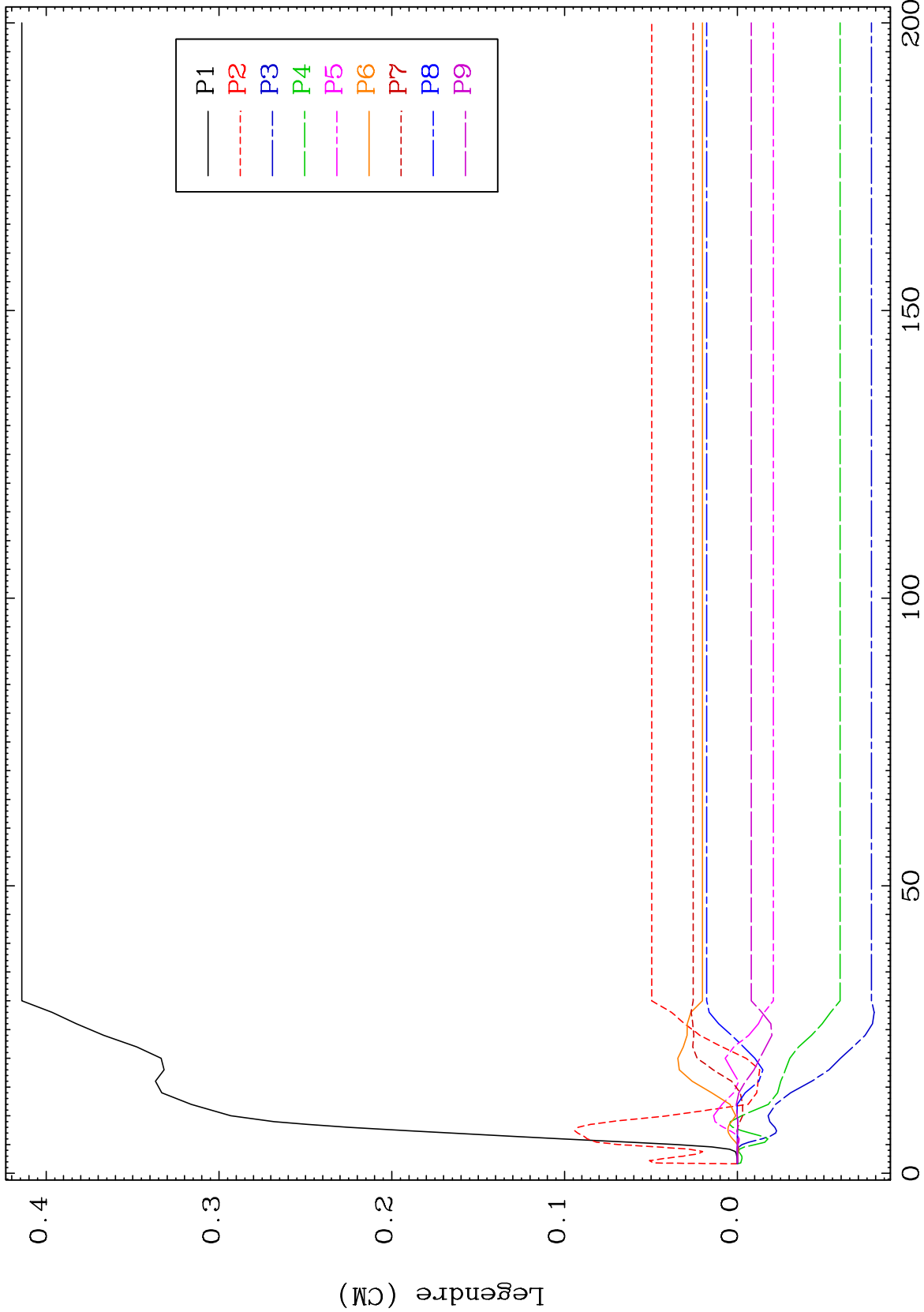


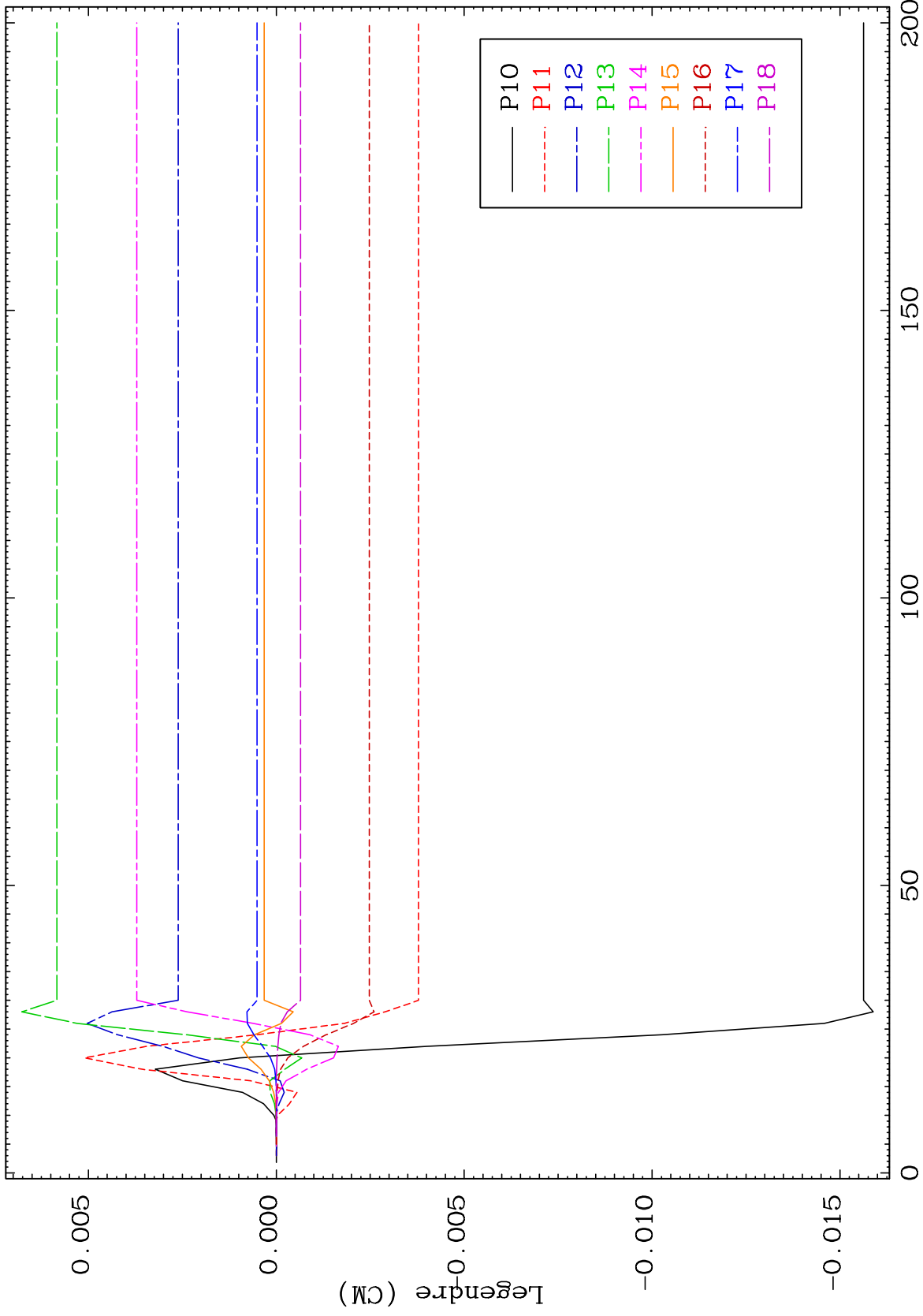
116

Incident Energy (MeV)

72-Hf-183



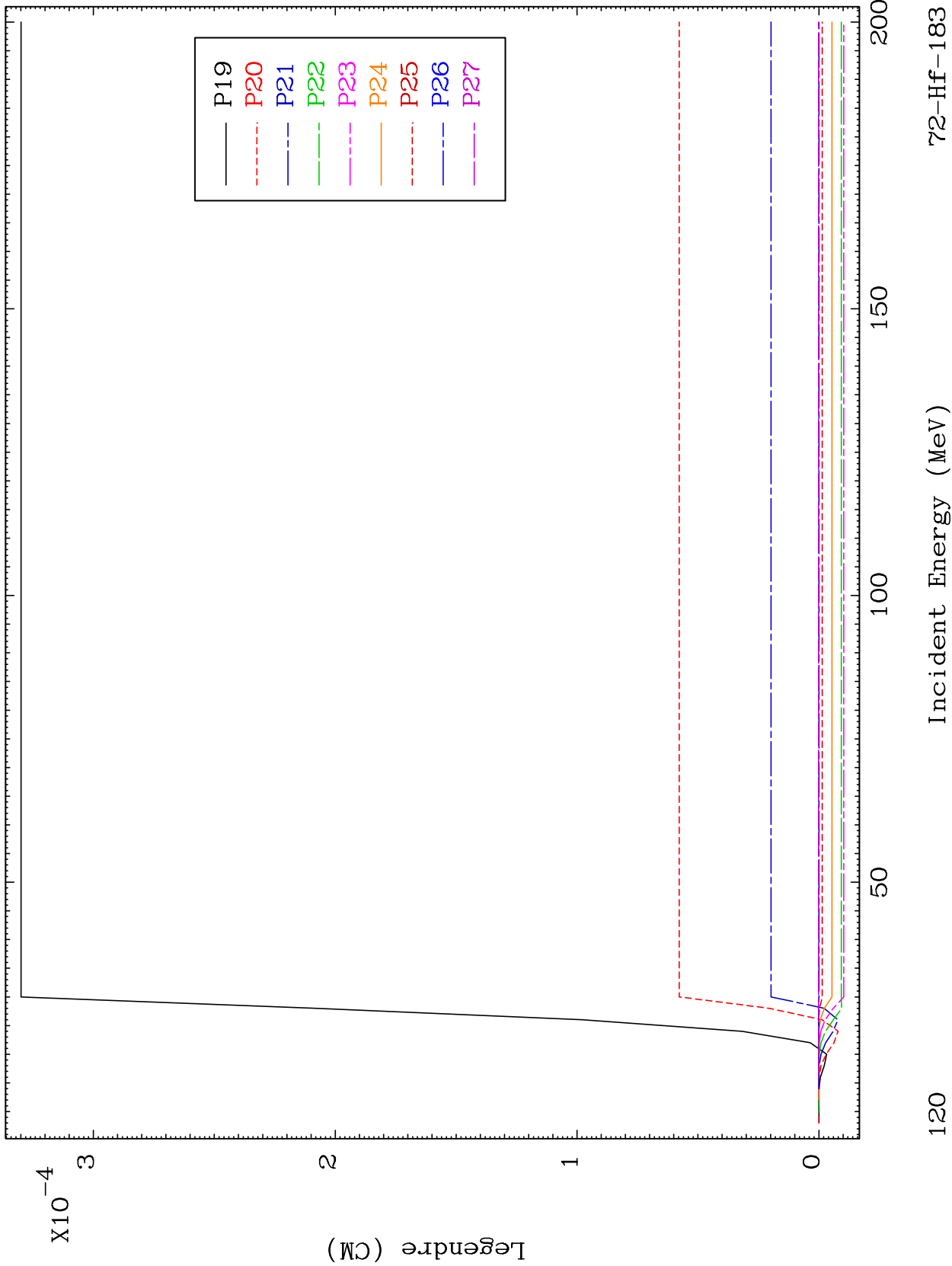




MAT 7252

1.643 MeV (n,n') Level
Legendre Coefficients

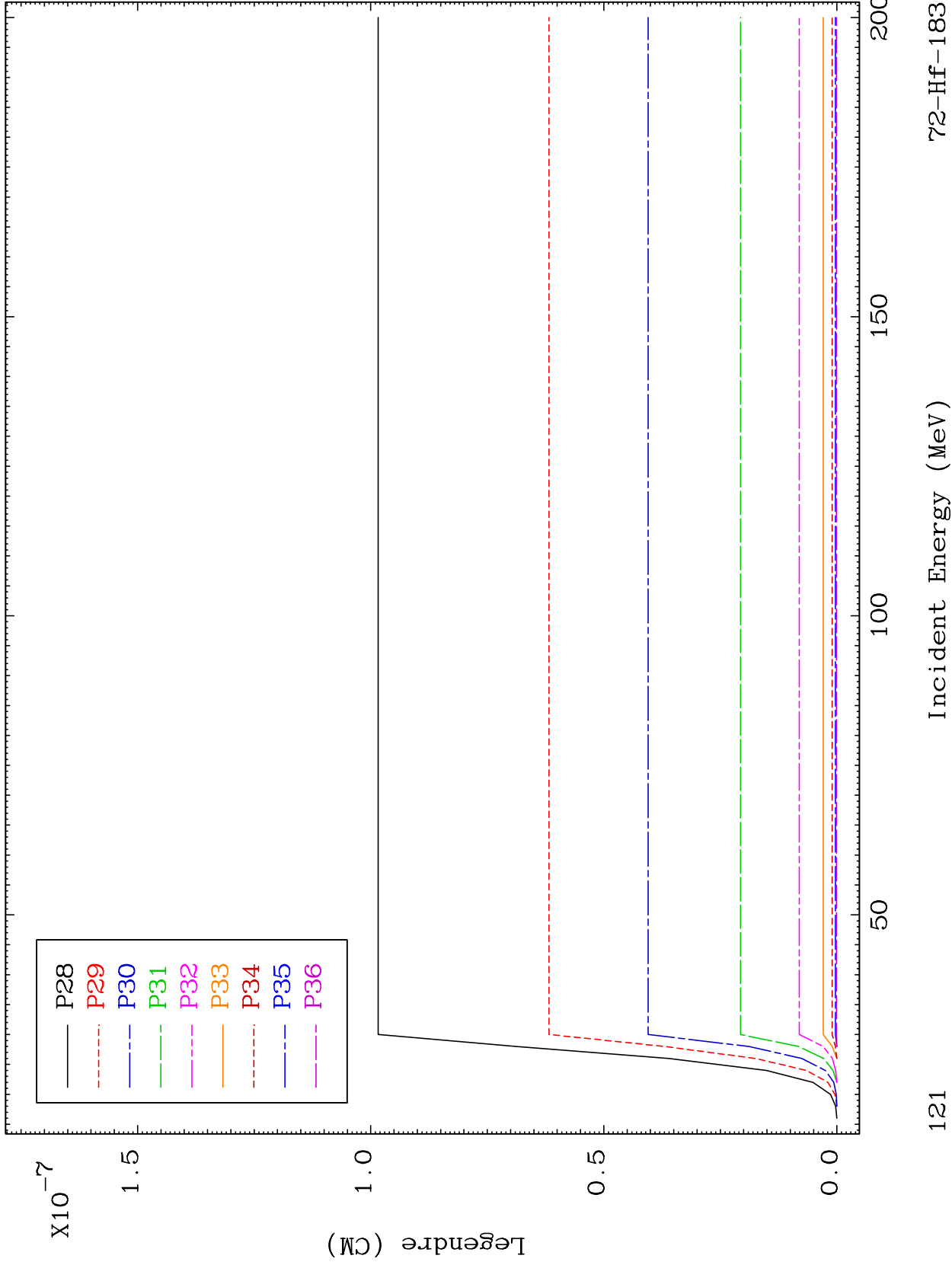
72-Hf-183



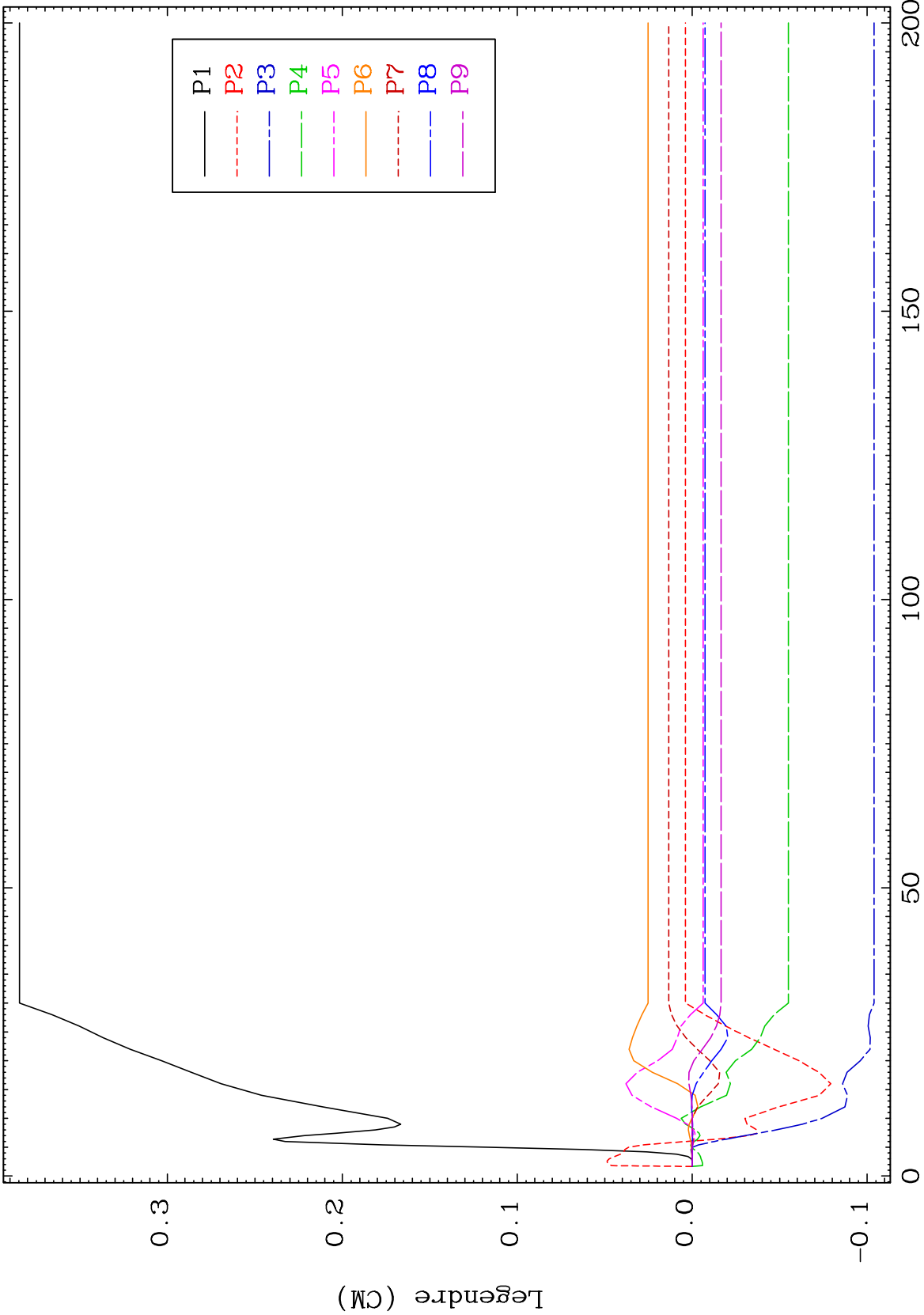
MAT 7252

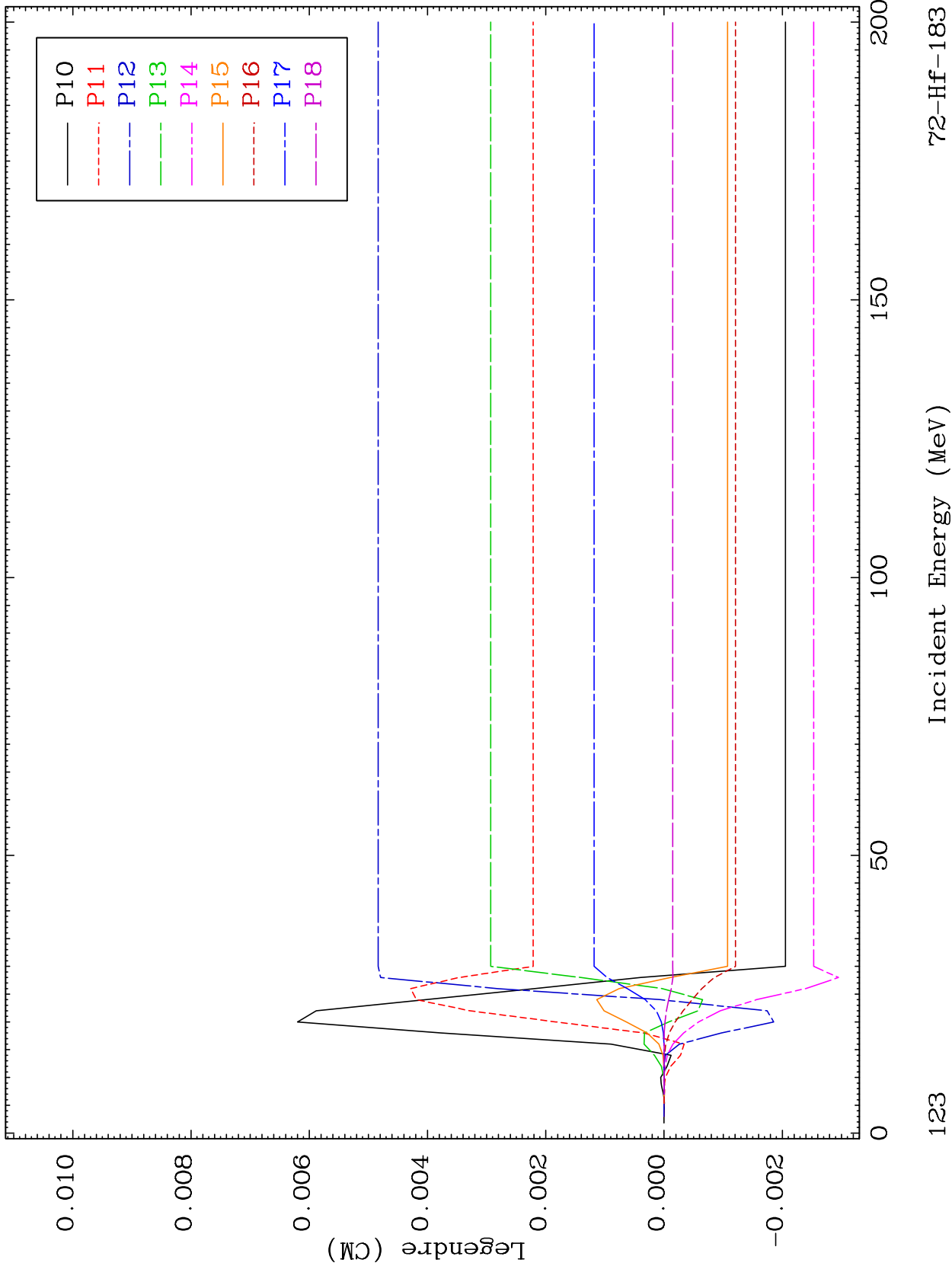
1.643 MeV (n,n') Level
Legendre Coefficients

72-Hf-183



121

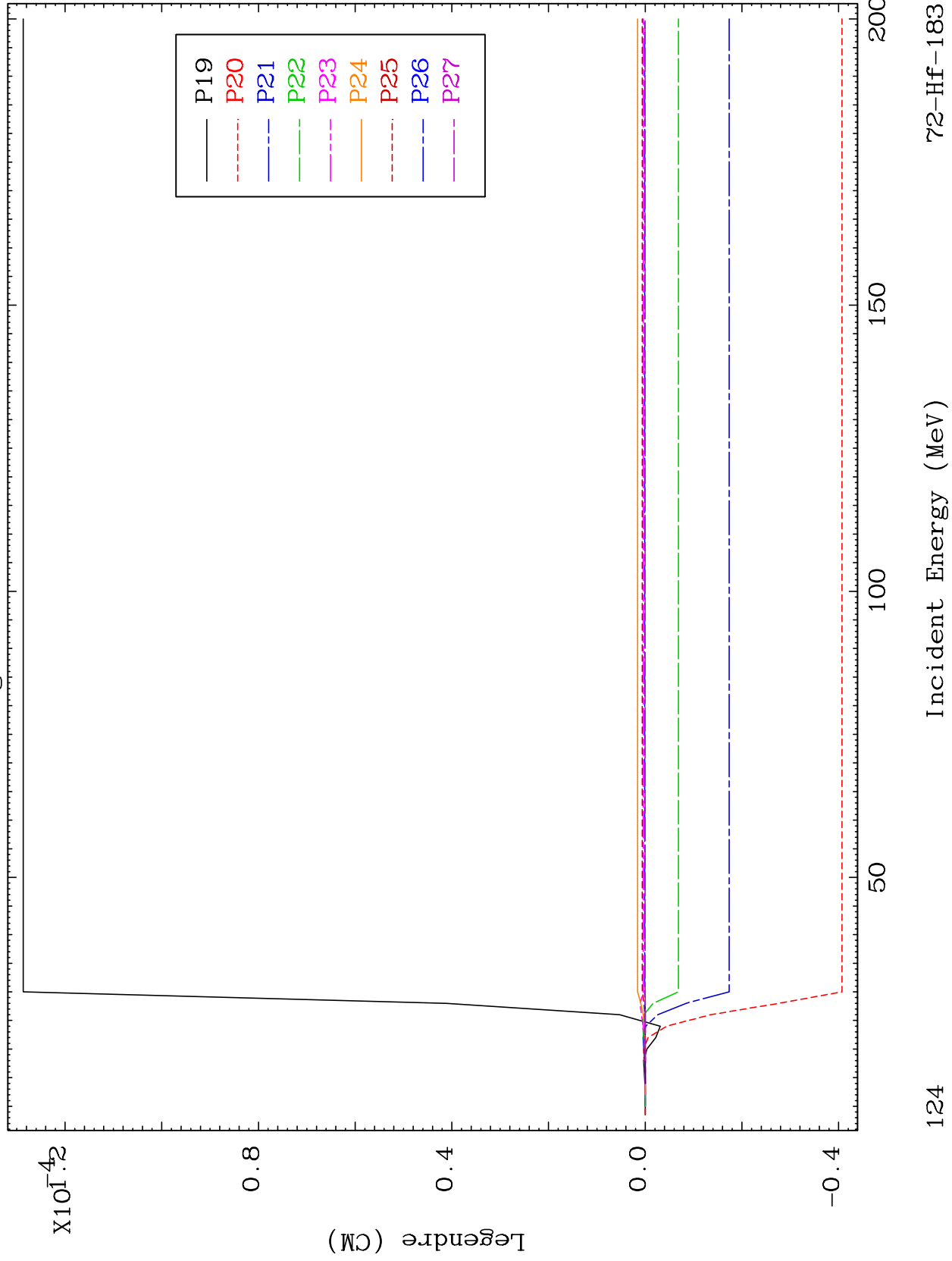




MAT 7252

1.644 MeV (n,n') Level
Legendre Coefficients

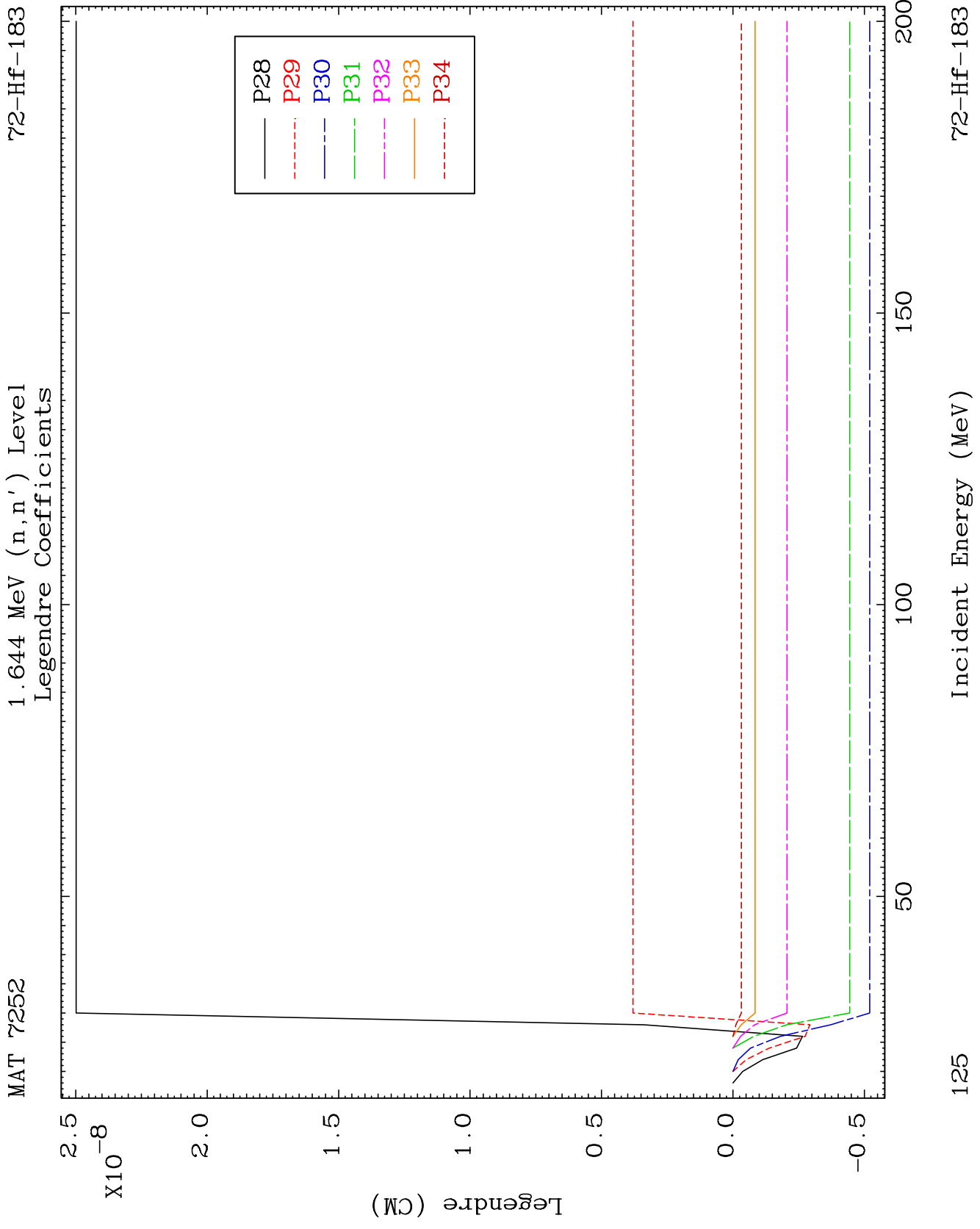
72-Hf-183

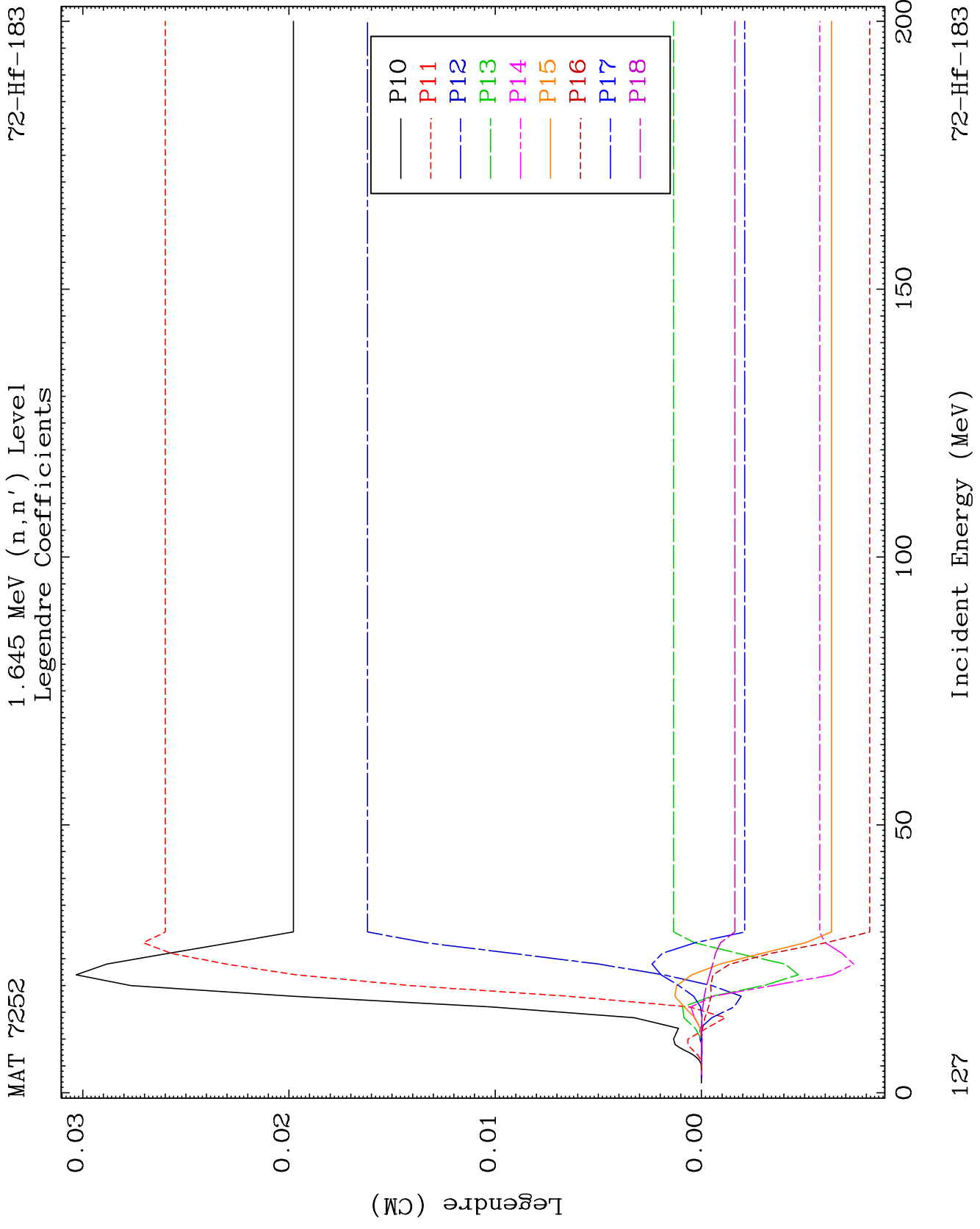


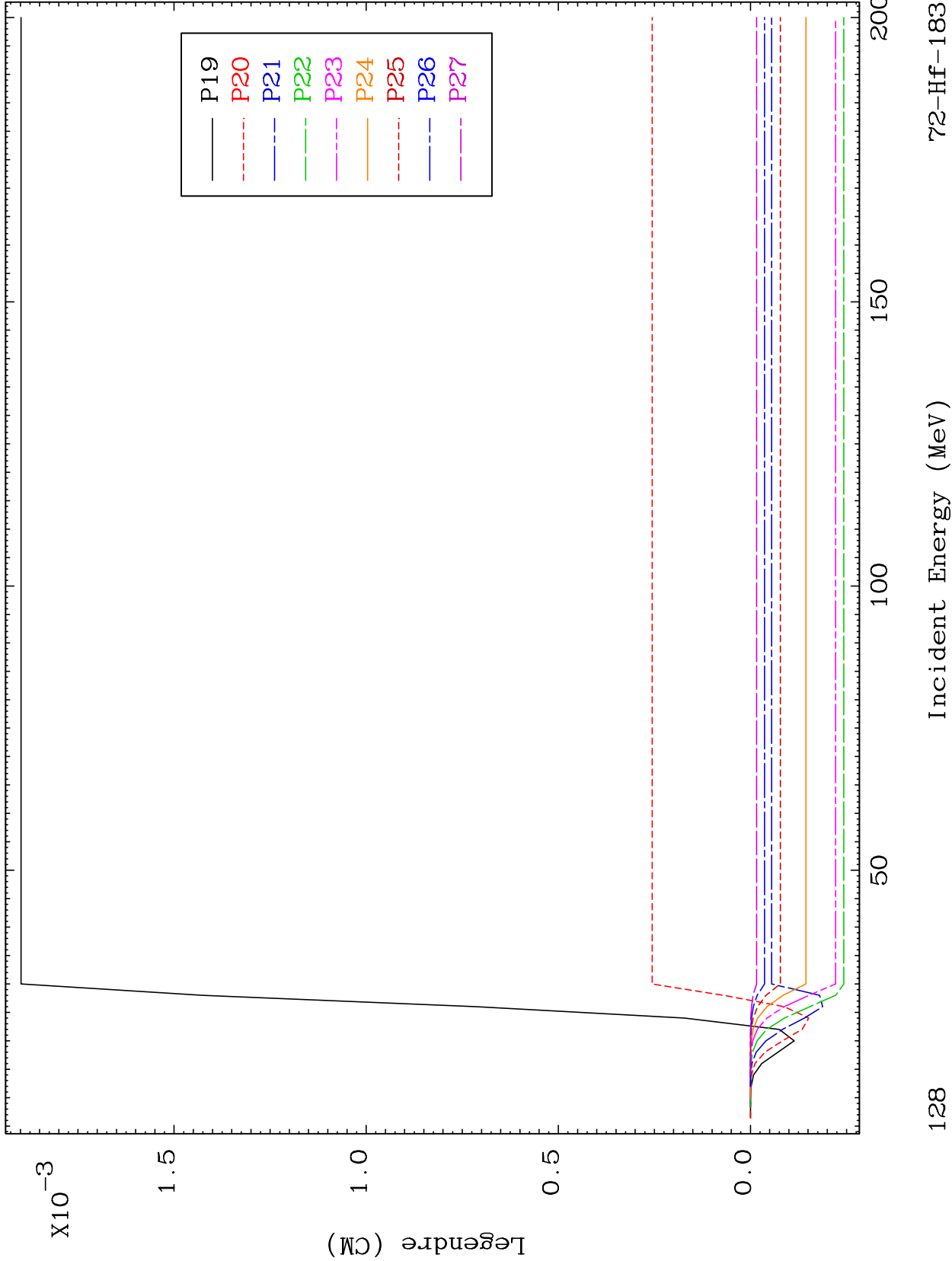
124

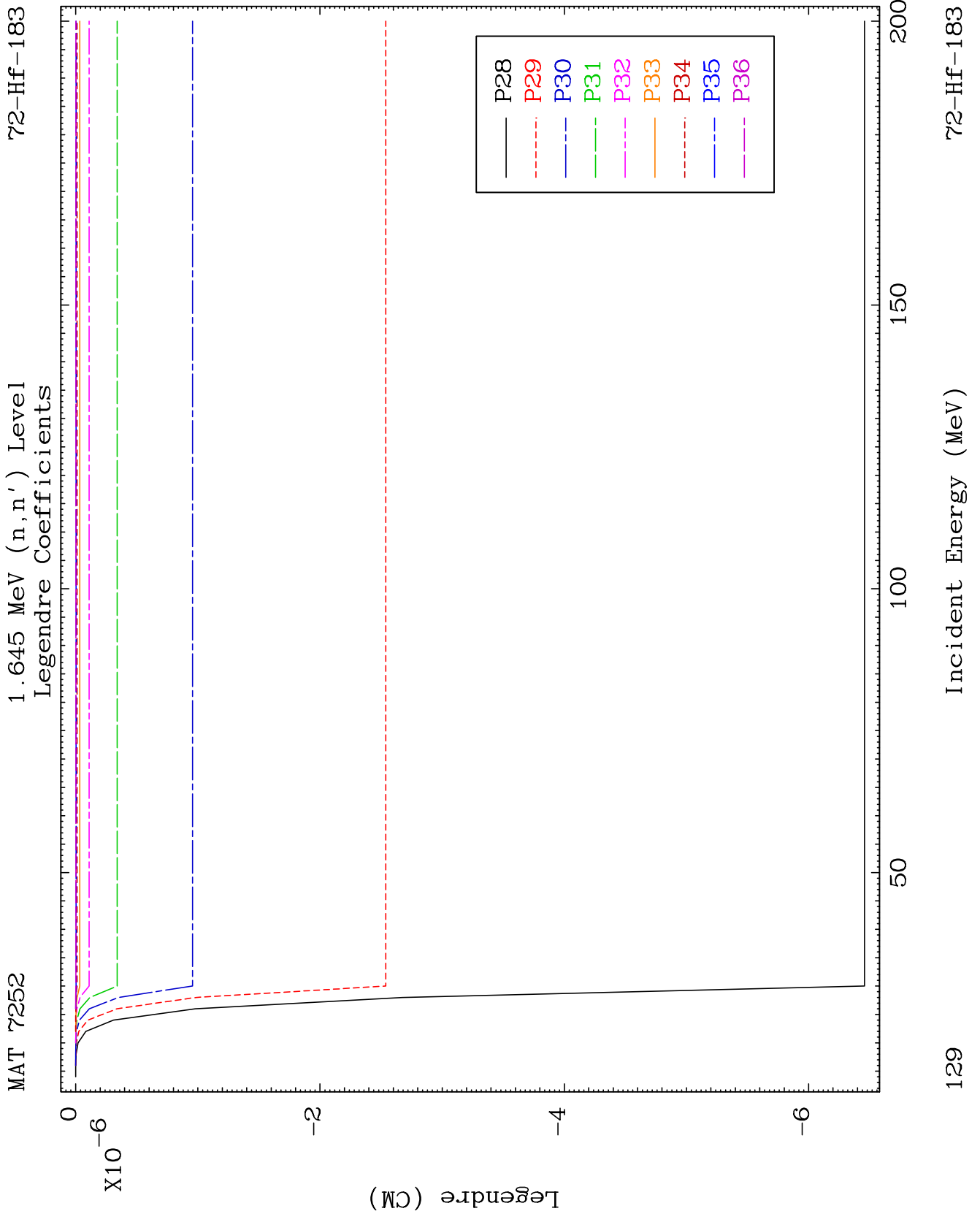
Incident Energy (MeV)

72-Hf-183





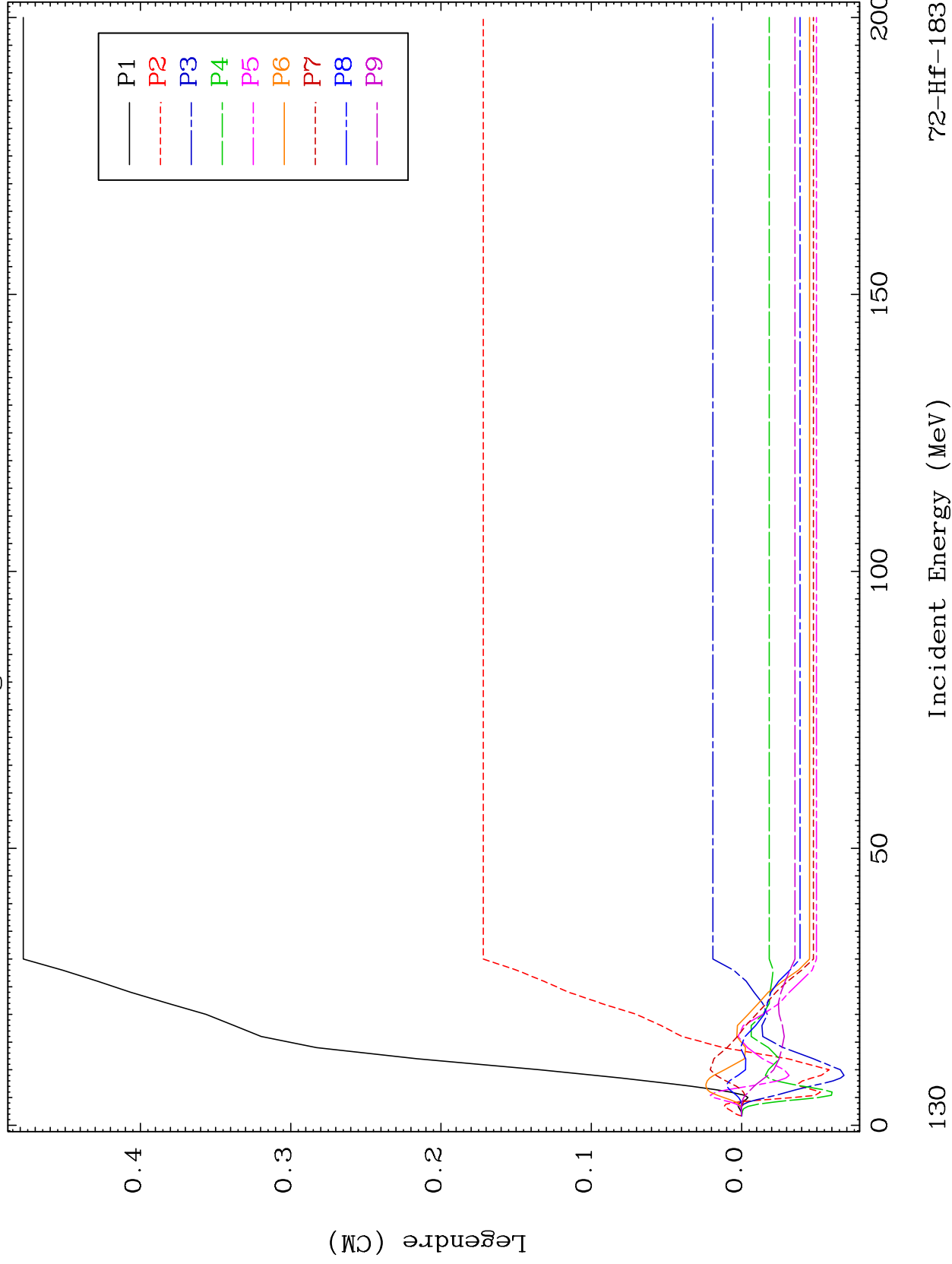




MAT 7252

1.646 MeV (n,n') Level
Legendre Coefficients

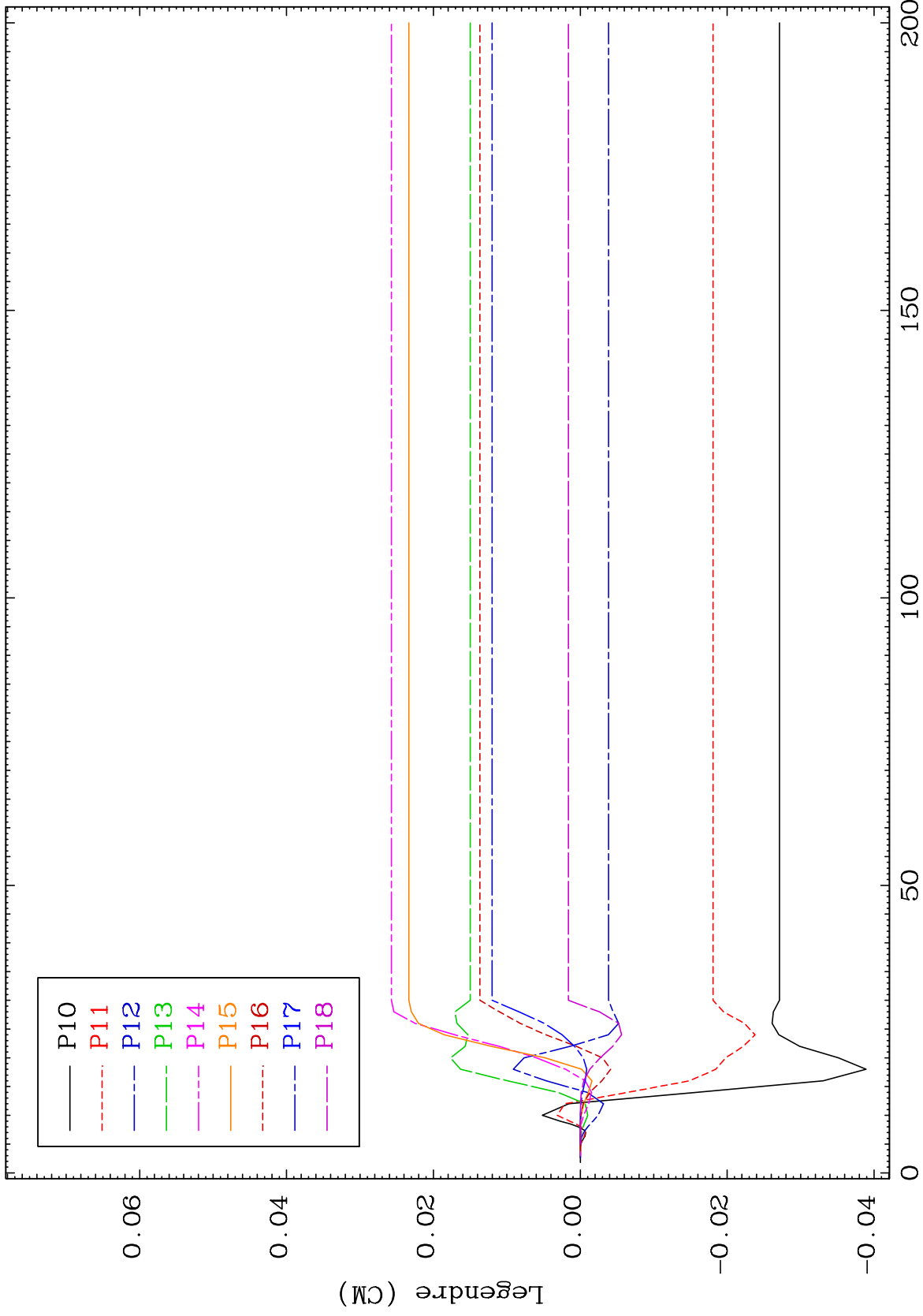
72-Hf-183

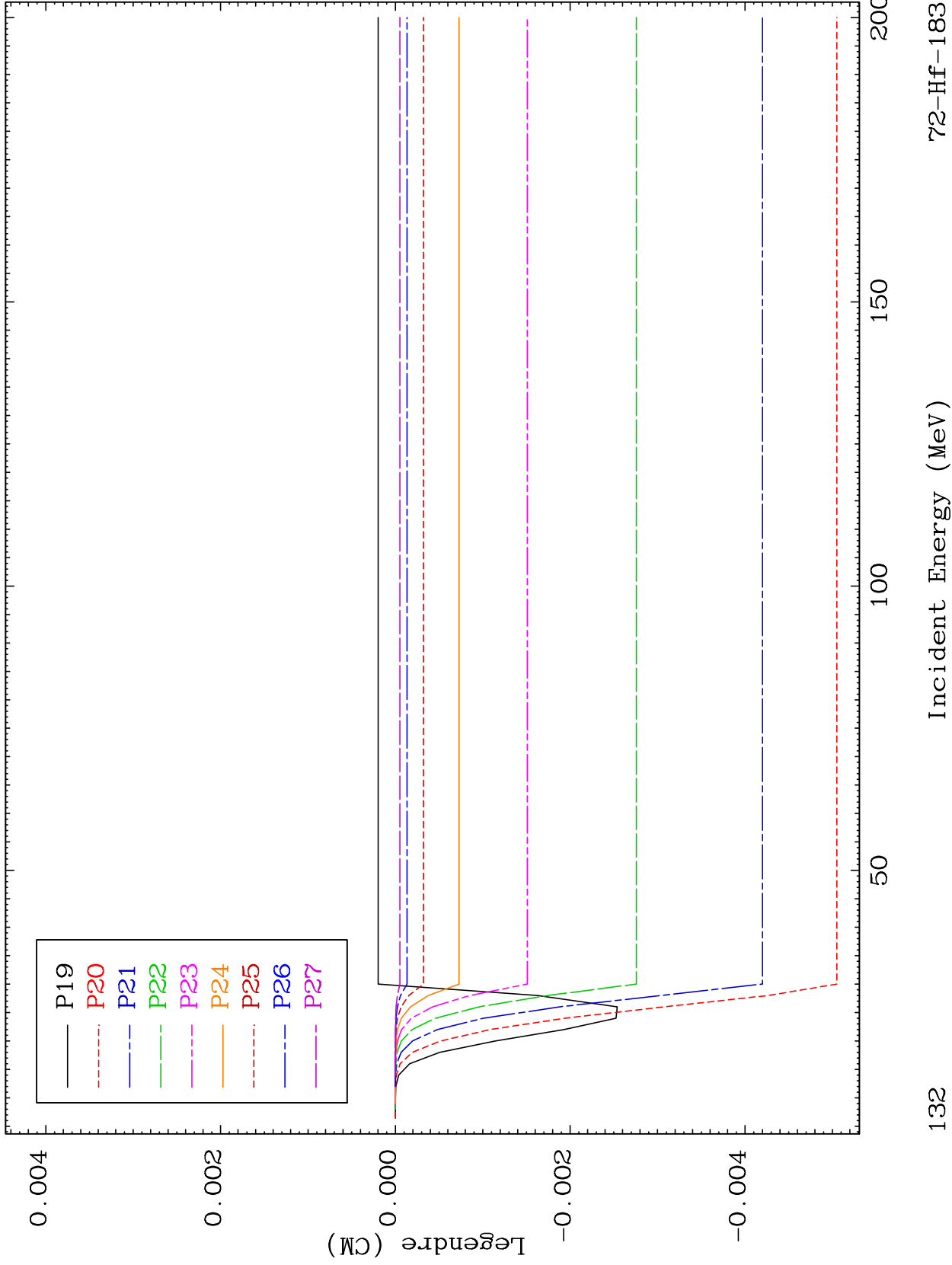


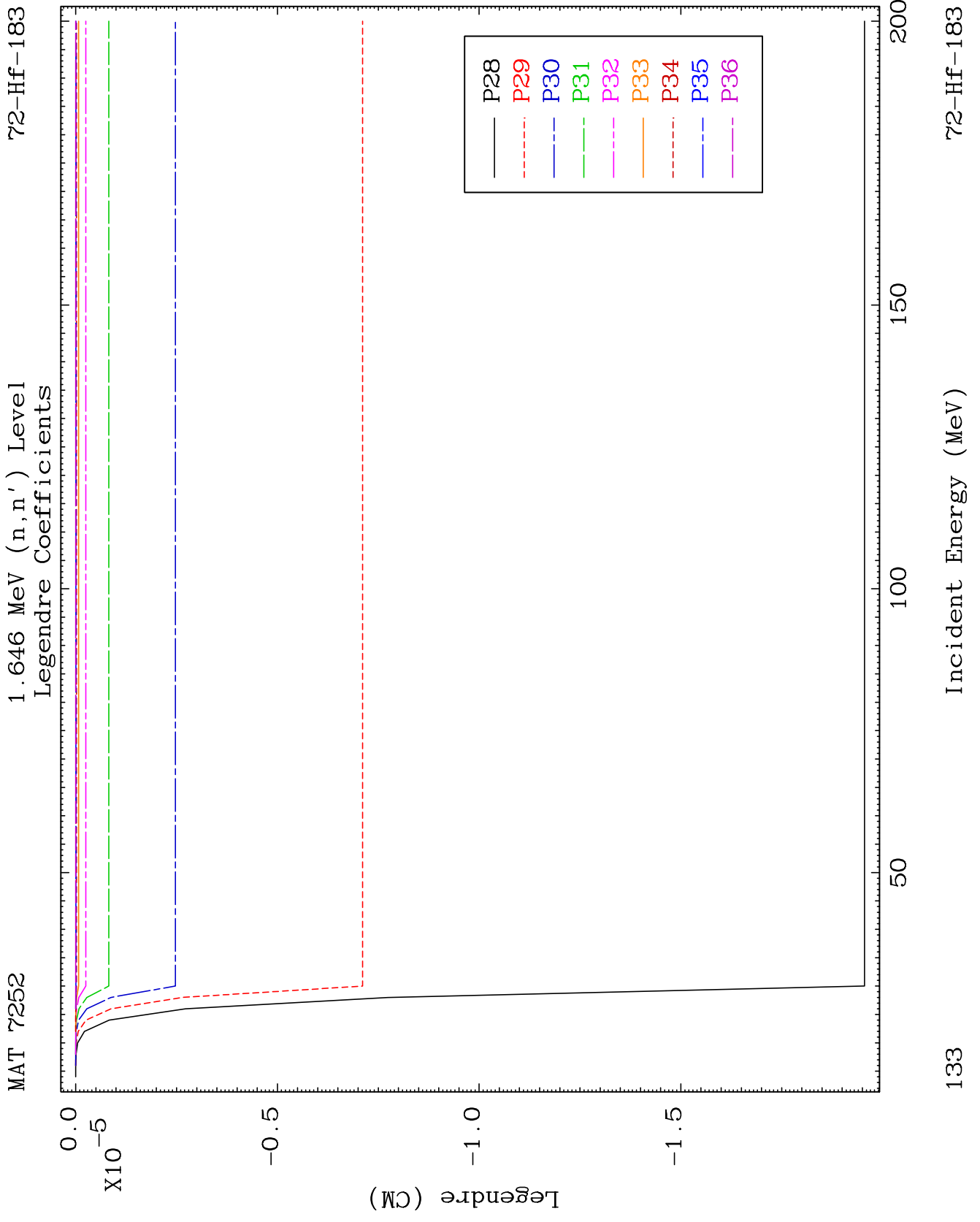
72-Hf-183

Incident Energy (MeV)

130





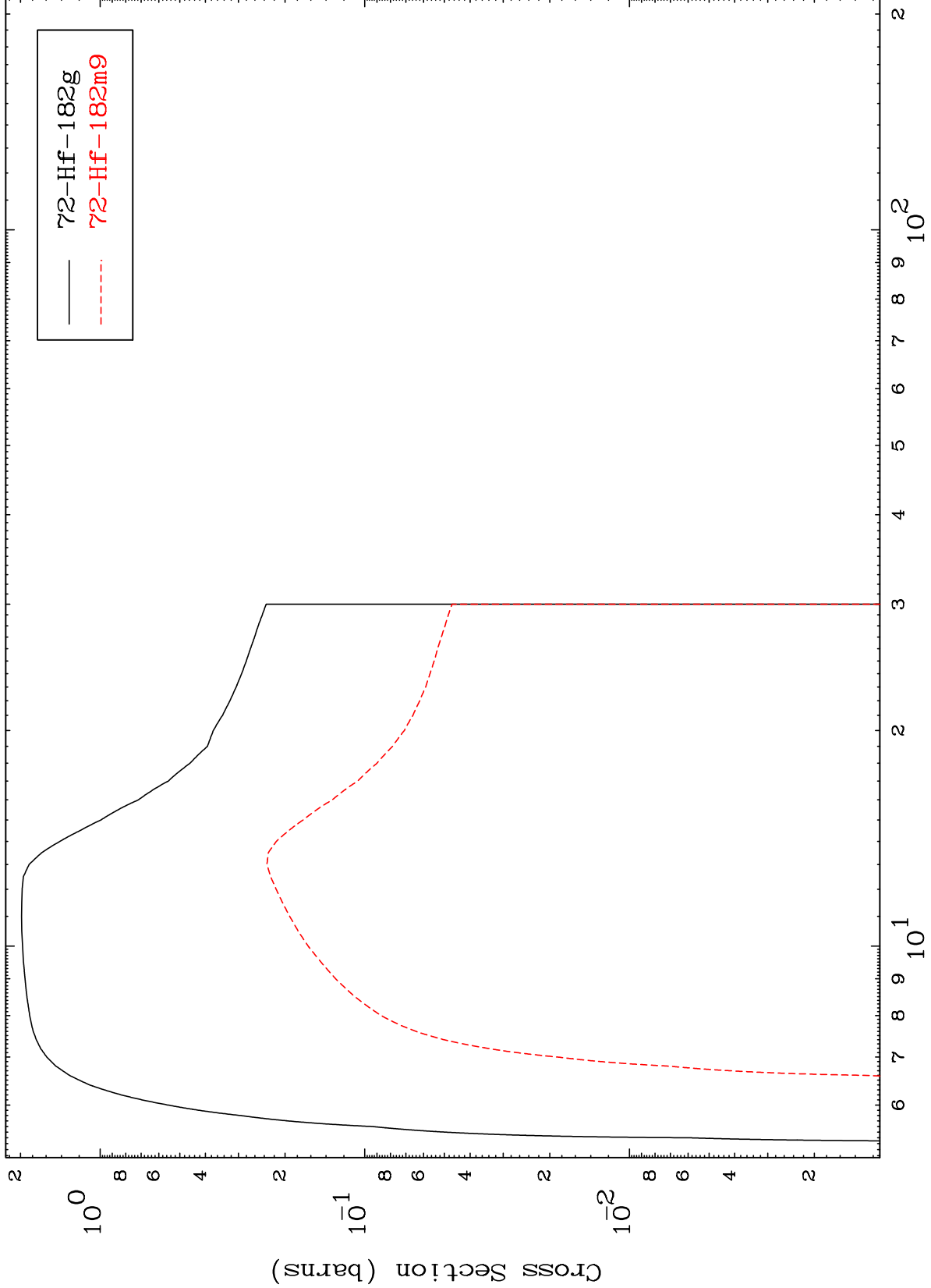


MAT 7252

(n,2n)

72-Hf-183

Radionuclide Production Cross Section



134

Incident Energy (MeV)

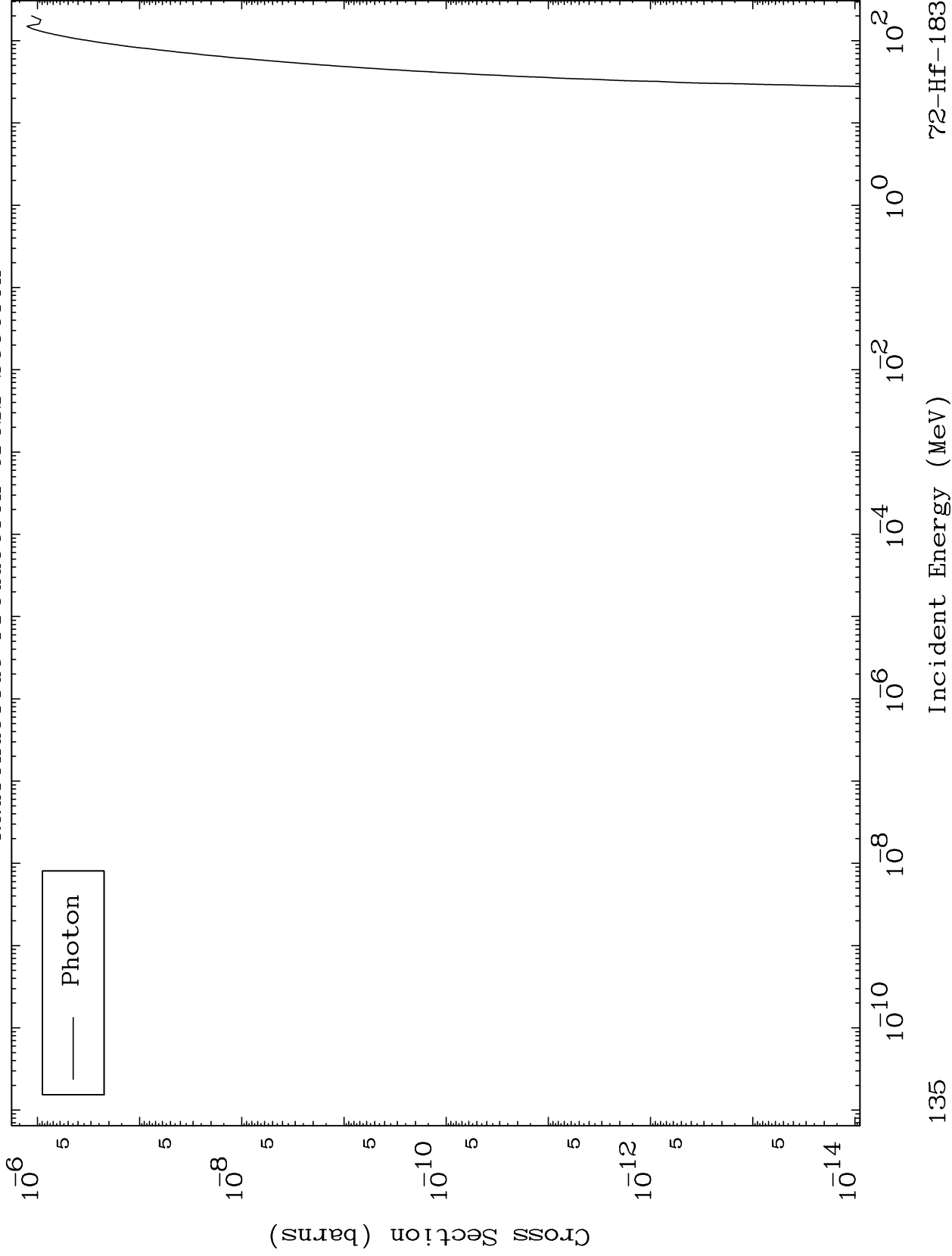
72-Hf-183

MAT 7252

Fission

72-Hf-183

Radionuclide Production Cross Section



135

Incident Energy (MeV)

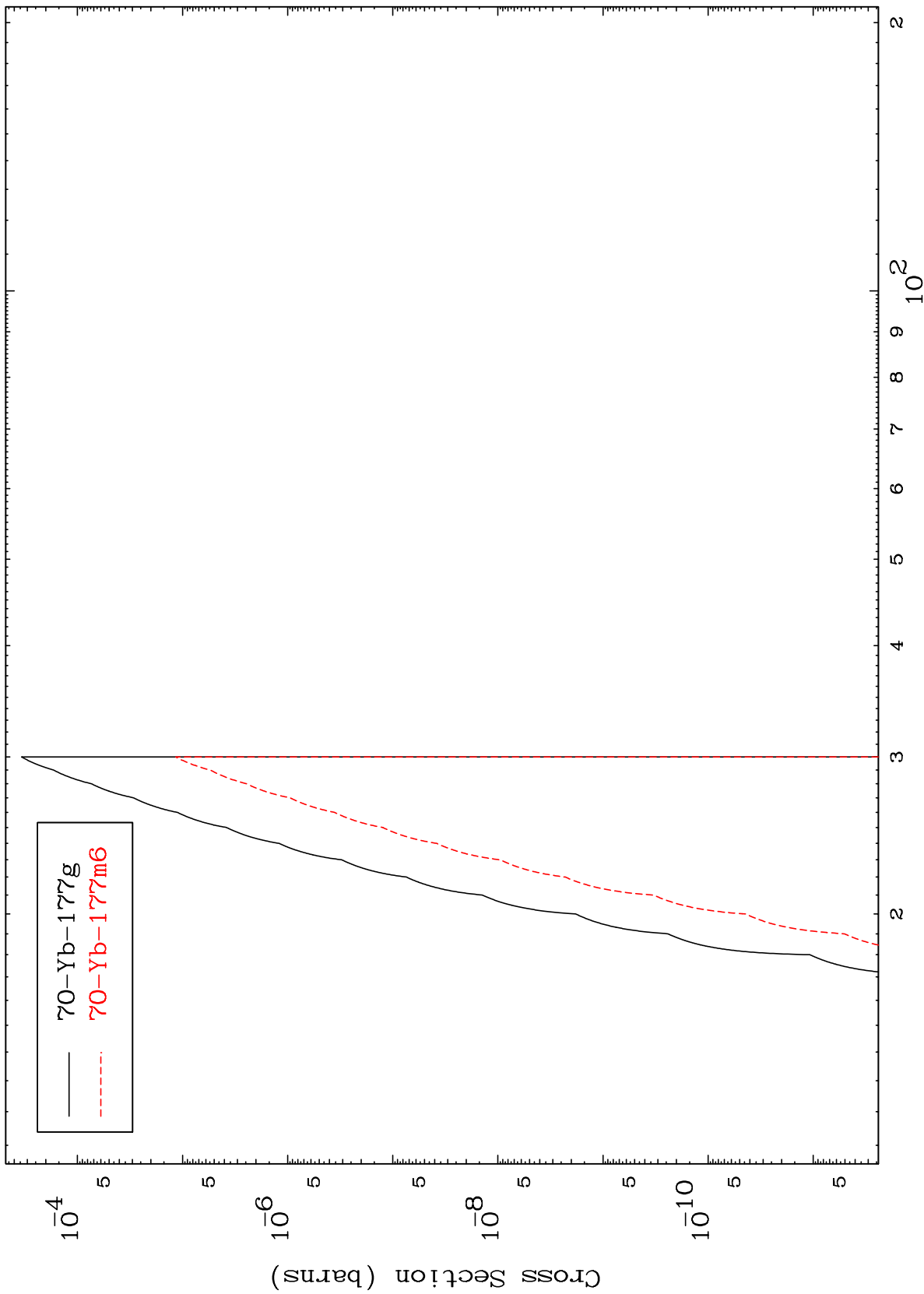
72-Hf-183

MAT 7252

(n,3n) α

72-Hf-183

Radionuclide Production Cross Section



136

Incident Energy (MeV)

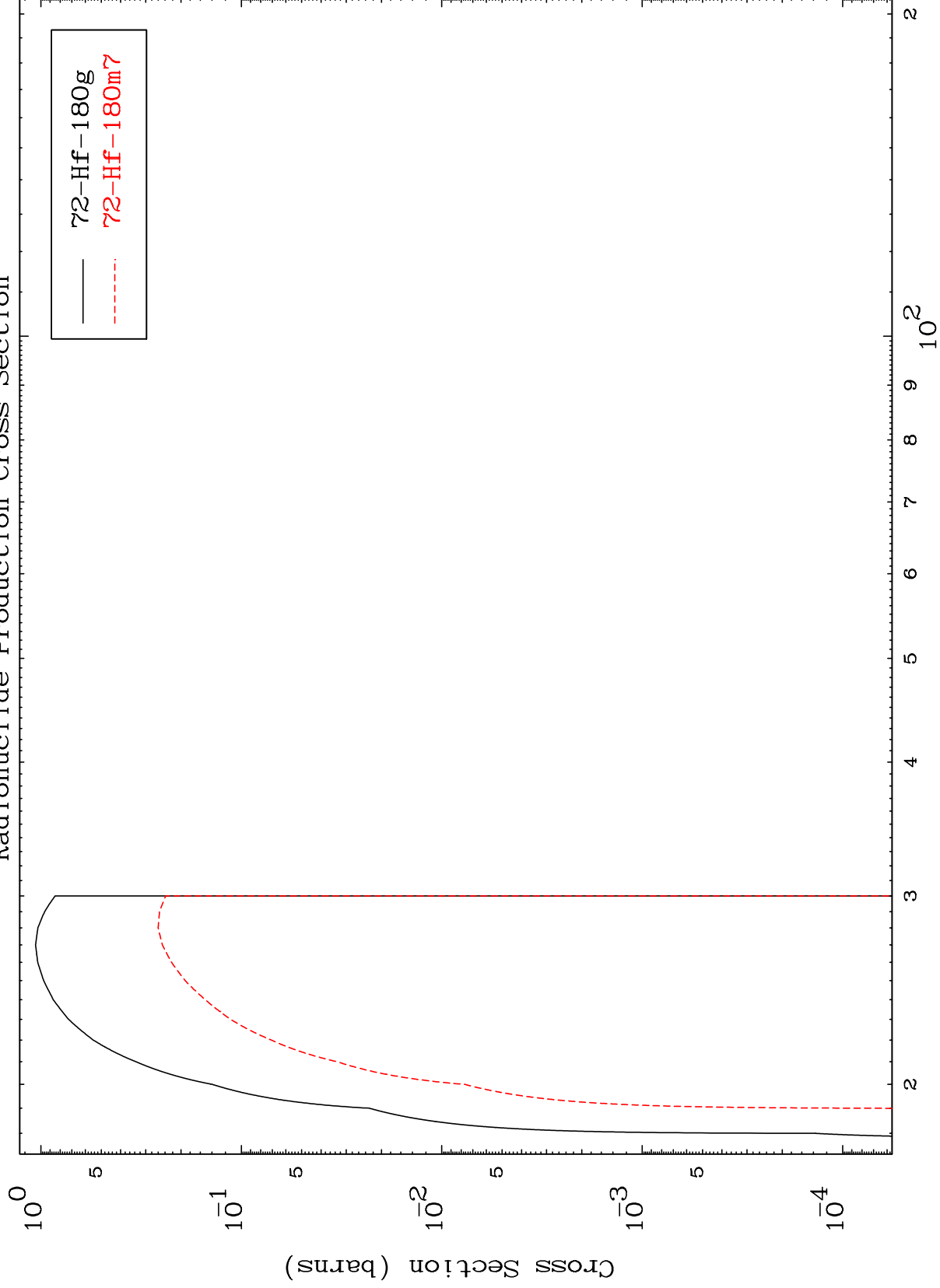
72-Hf-183

MAT 7252

(n,4n)

72-Hf-183

Radionuclide Production Cross Section



137

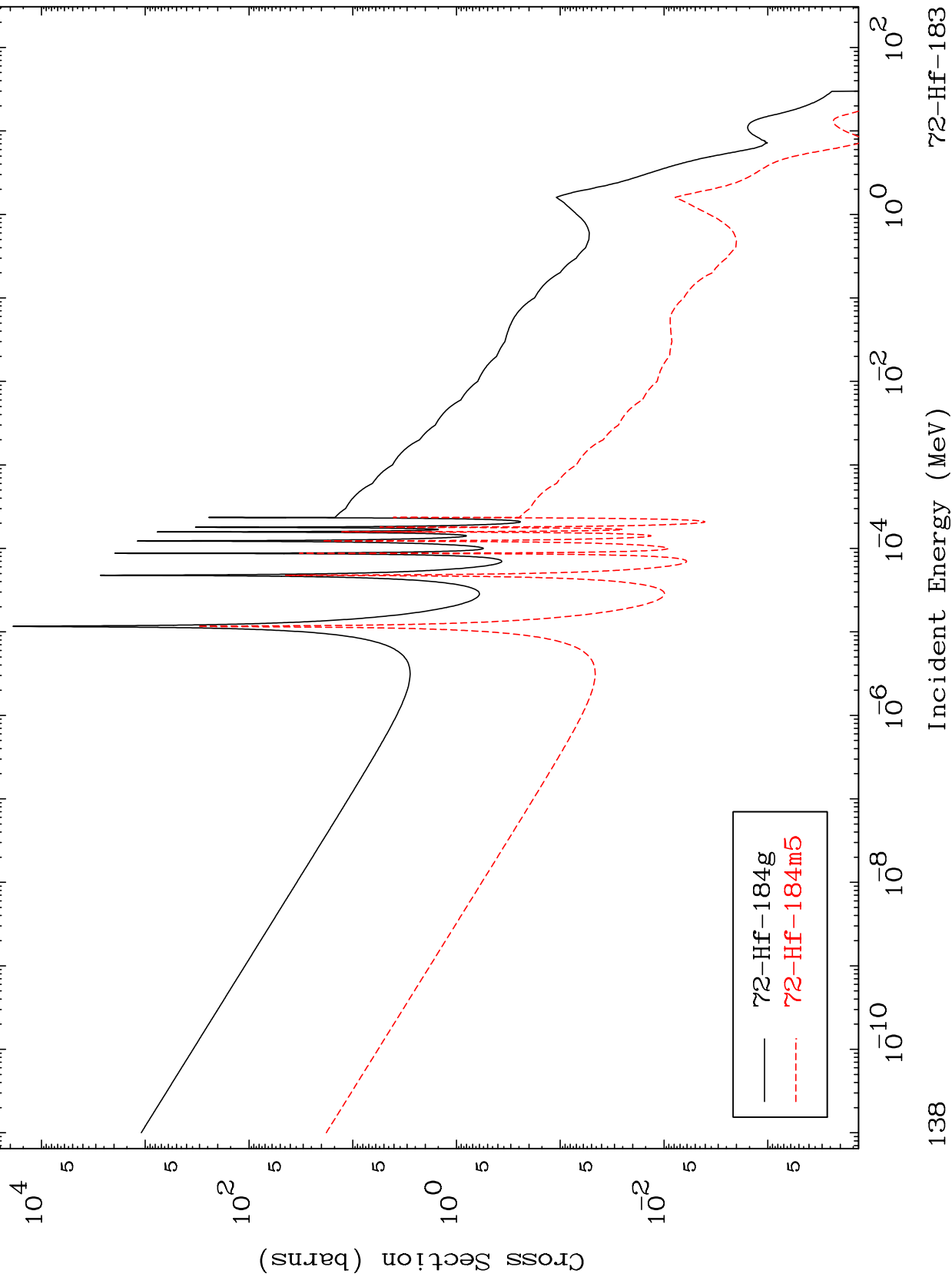
Incident Energy (MeV)

72-Hf-183

MAT 7252

72-Hf-183

(n, γ)
Radionuclide Production Cross Section



138

72-Hf-183

Incident Energy (MeV)