

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

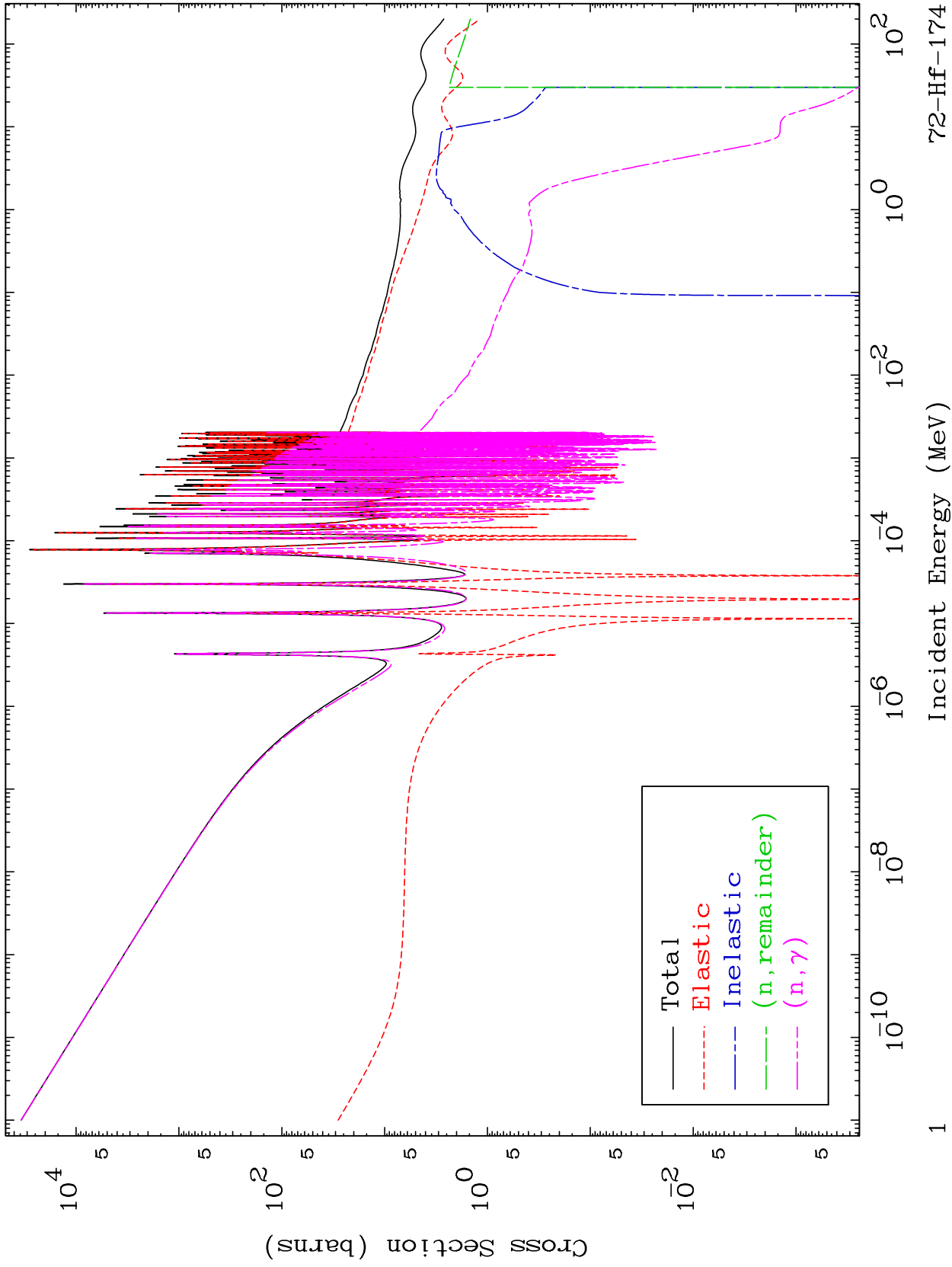
Press Mouse Button to Start

MAT 7225

Major

293 Kelvin Cross Sections

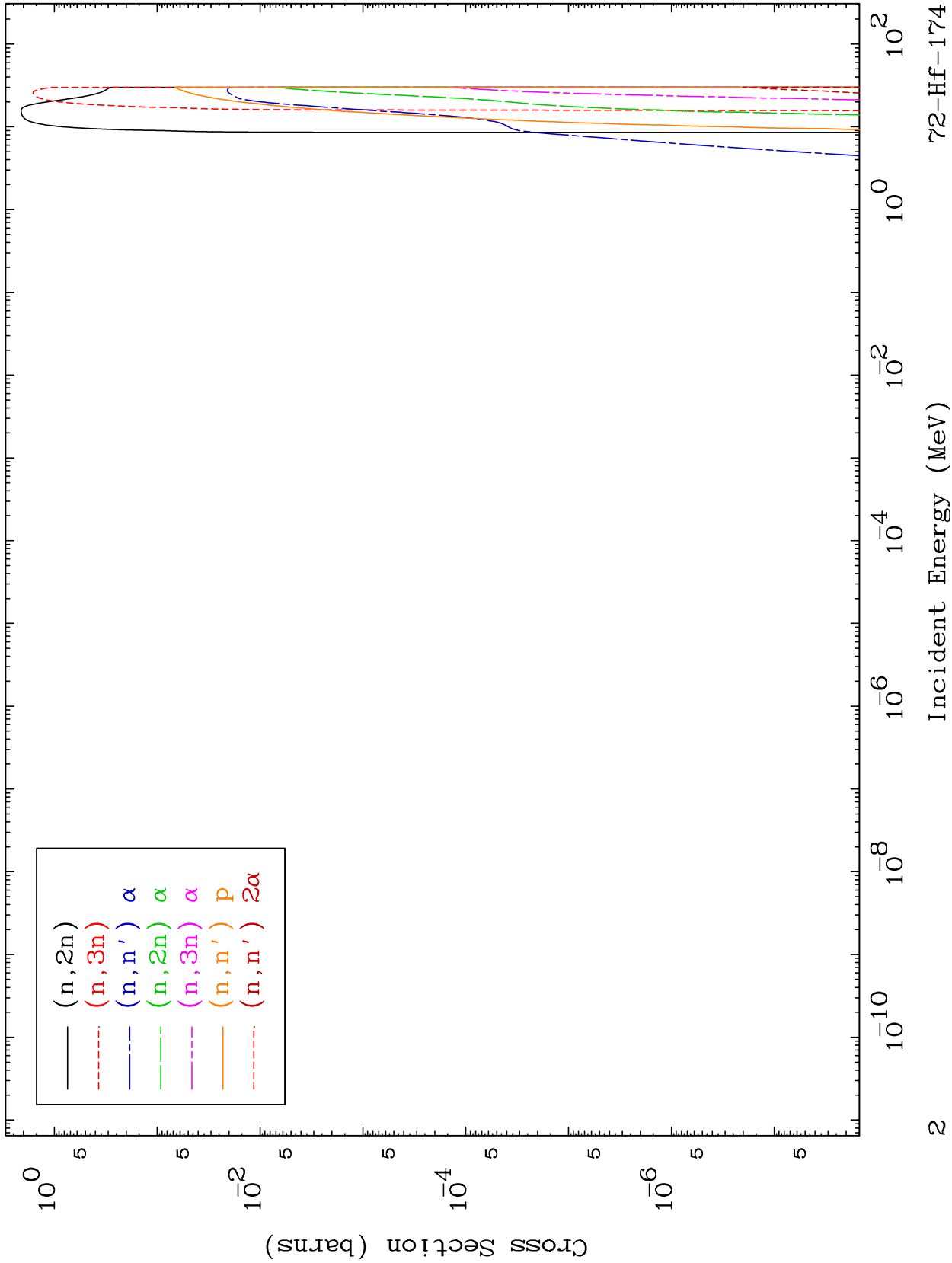
72-Hf-174

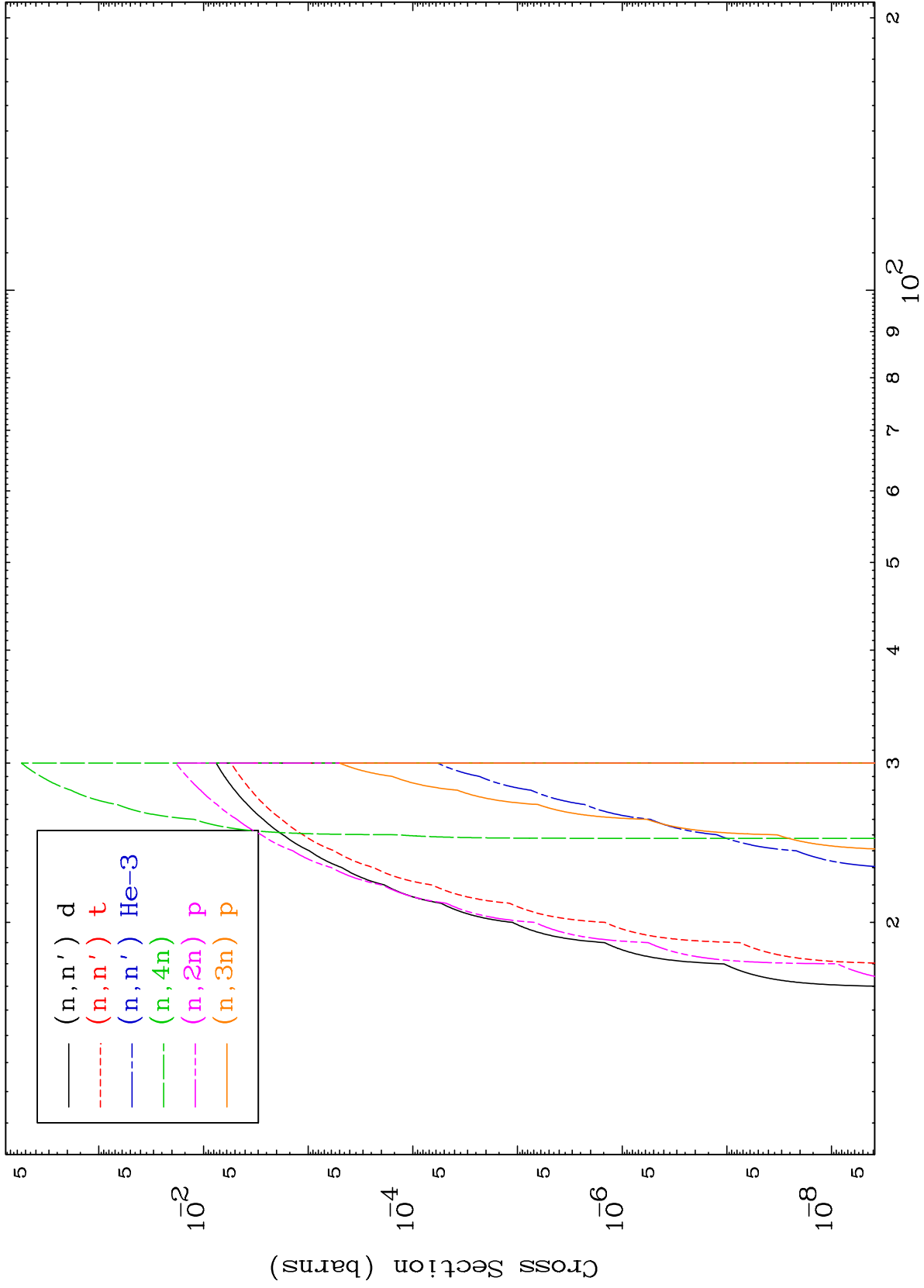


MAT 7225

Neutron Production
293 Kelvin Cross Sections

72-Hf-174

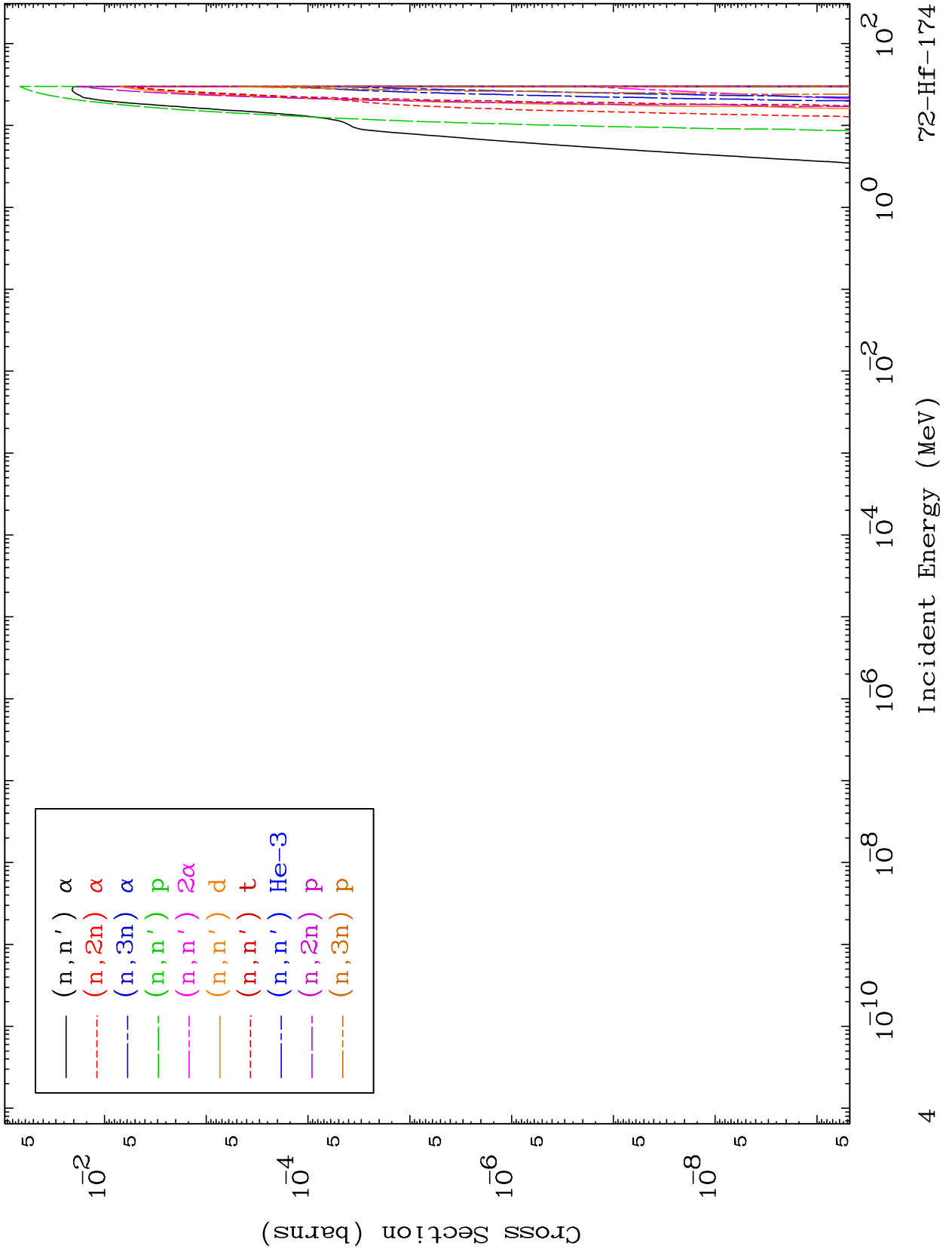




MAT 7225

Charged Particle
293 Kelvin Cross Sections

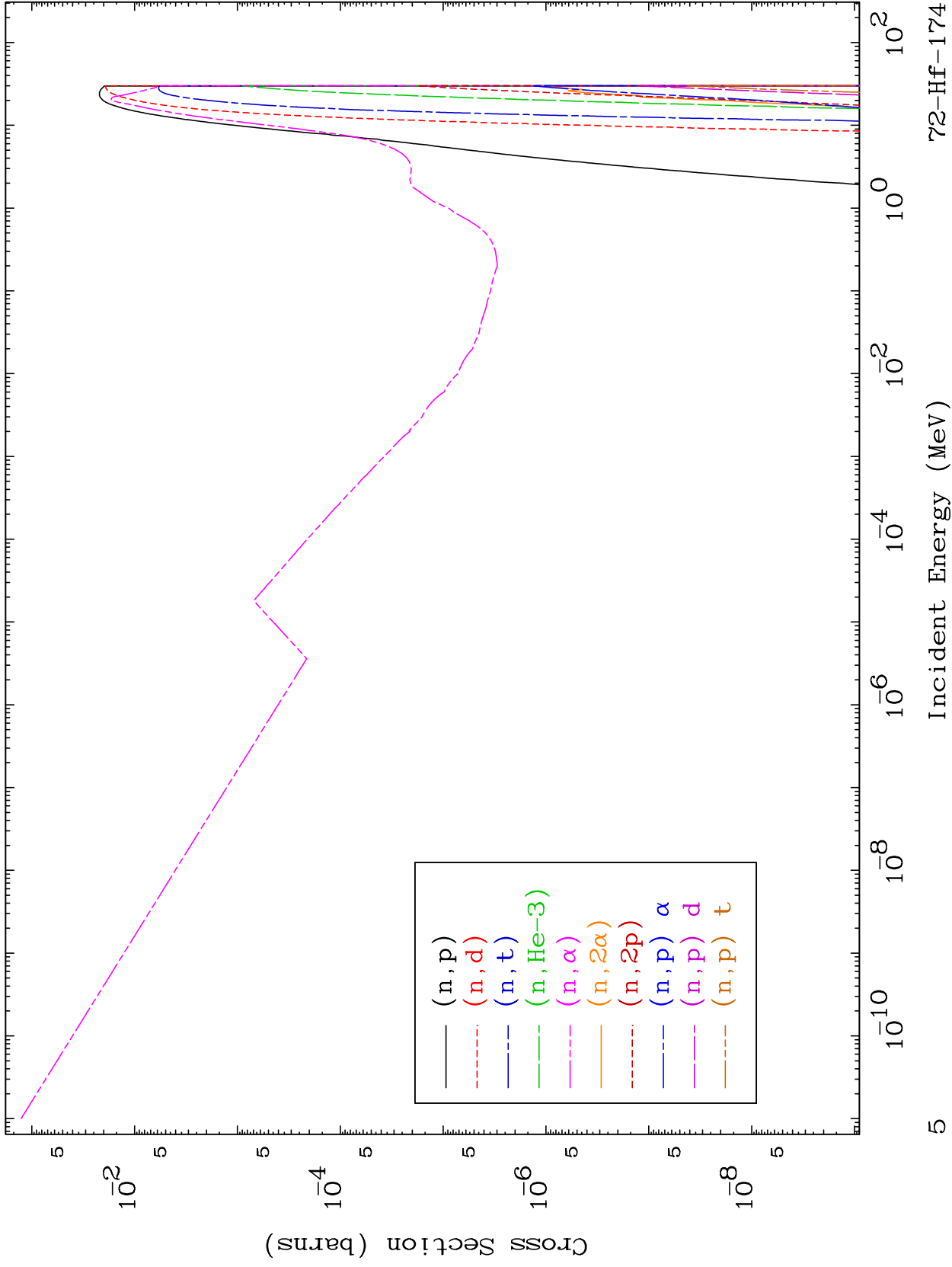
72-Hf-174

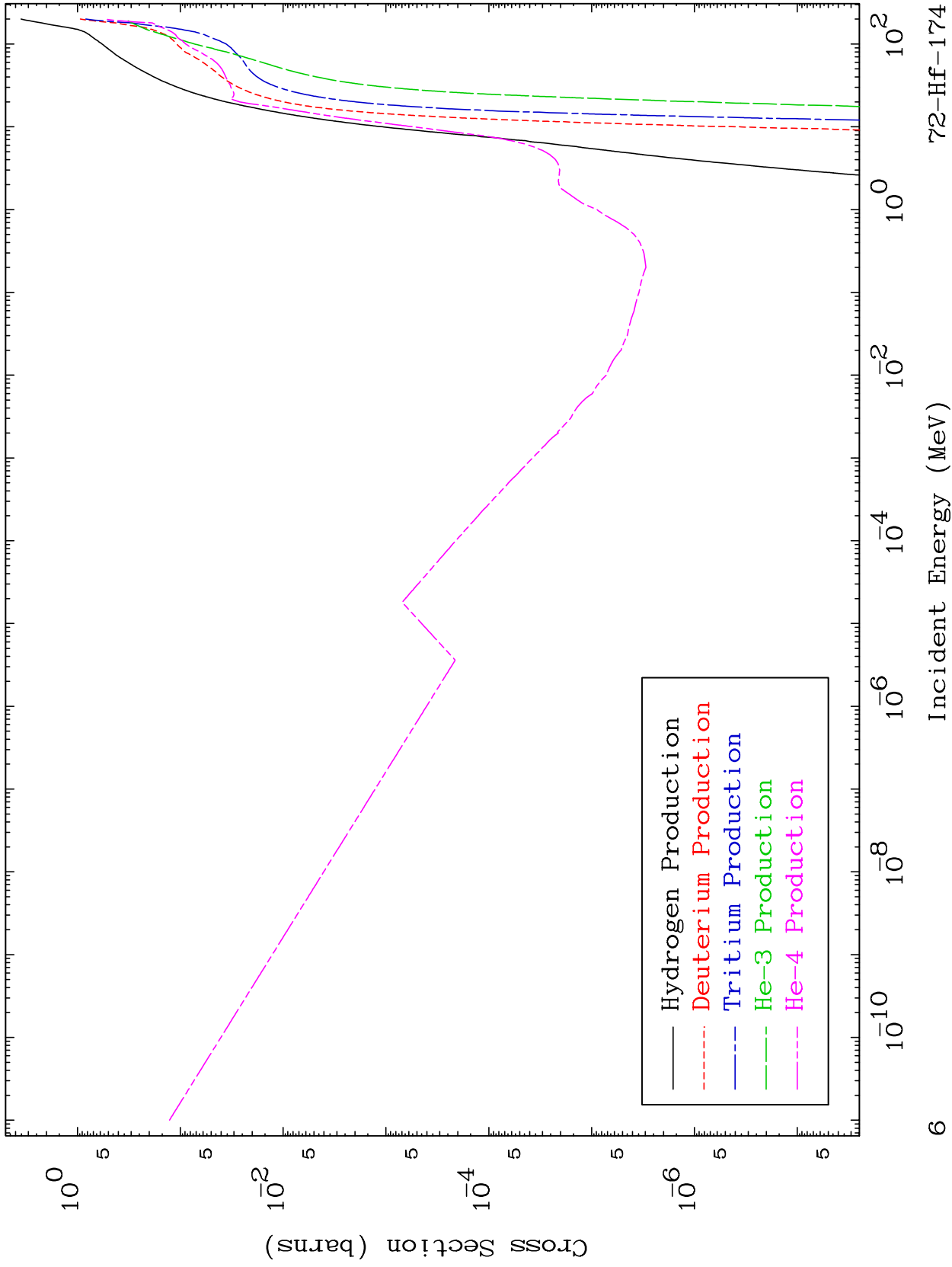


MAT 7225

Charged Particle
293 Kelvin Cross Sections

72-Hf-174

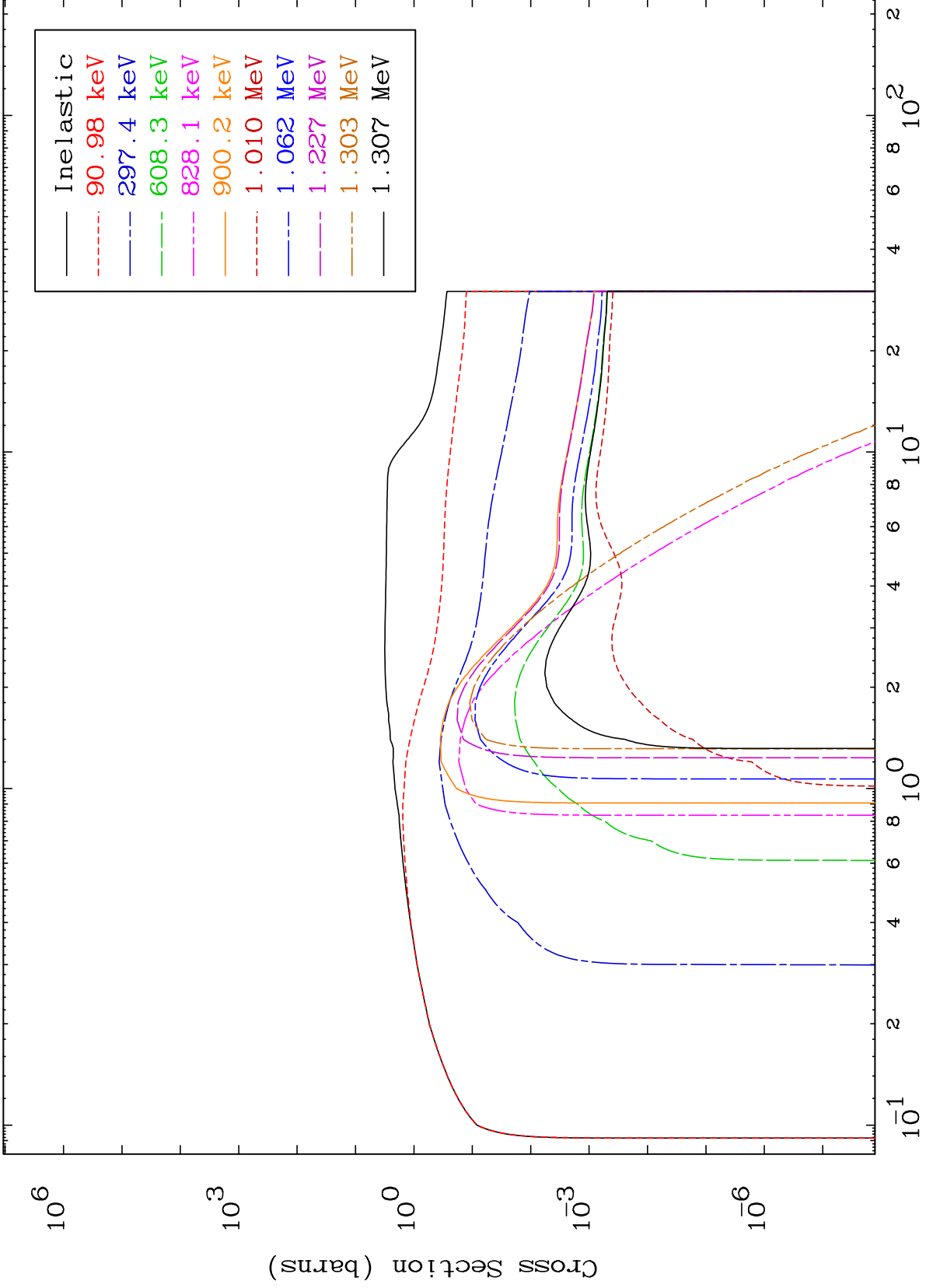




MAT 7225

(n,n') Level
293 Kelvin Cross Sections

72-Hf-174



Incident Energy (MeV)

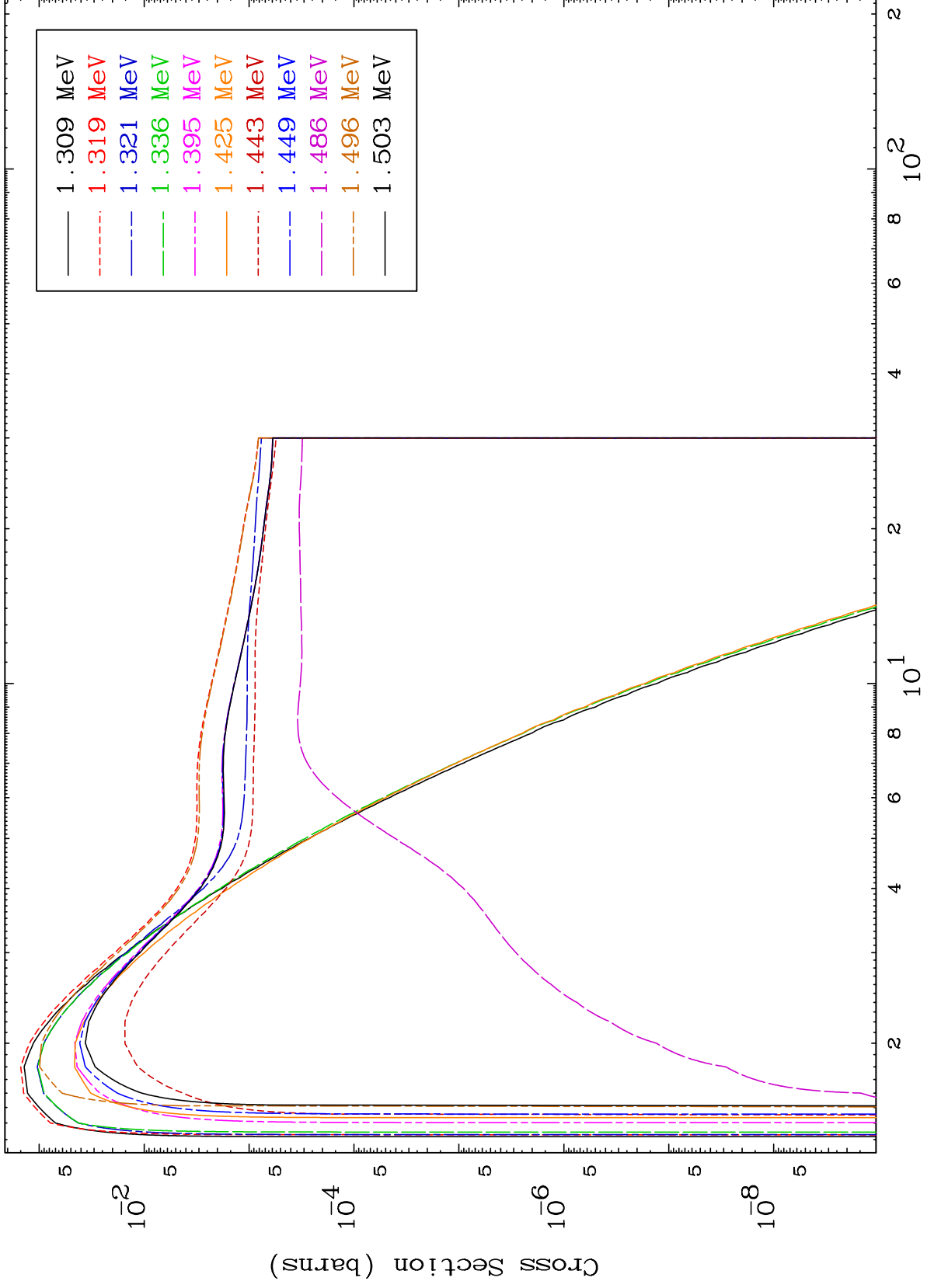
72-Hf-174

7

MAT 7225

(n,n') Level
293 Kelvin Cross Sections

72-Hf-174



8

Incident Energy (MeV)

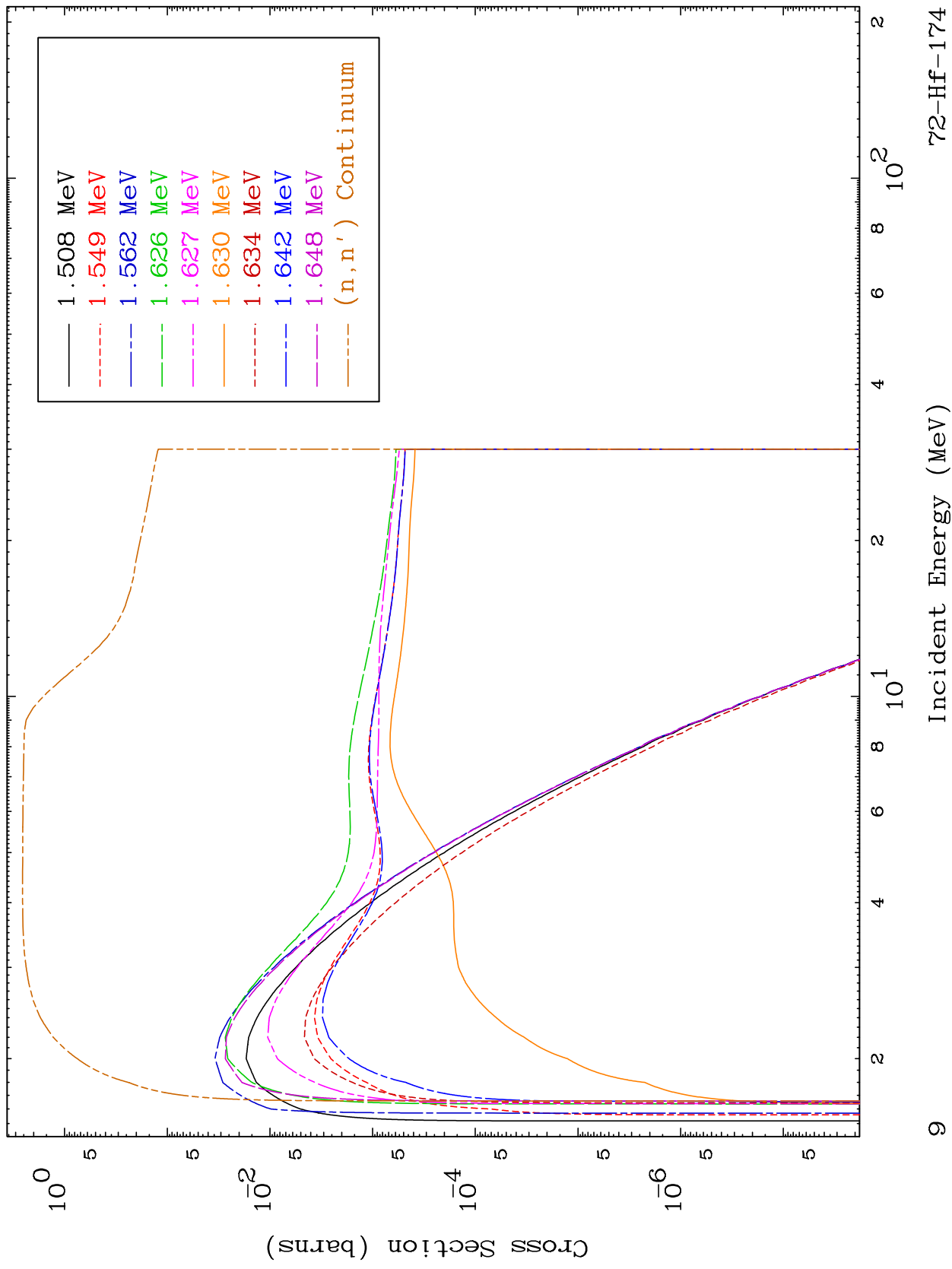
72-Hf-174

MAT 7225

(n,n') Level

72-Hf-174

293 Kelvin Cross Sections



9

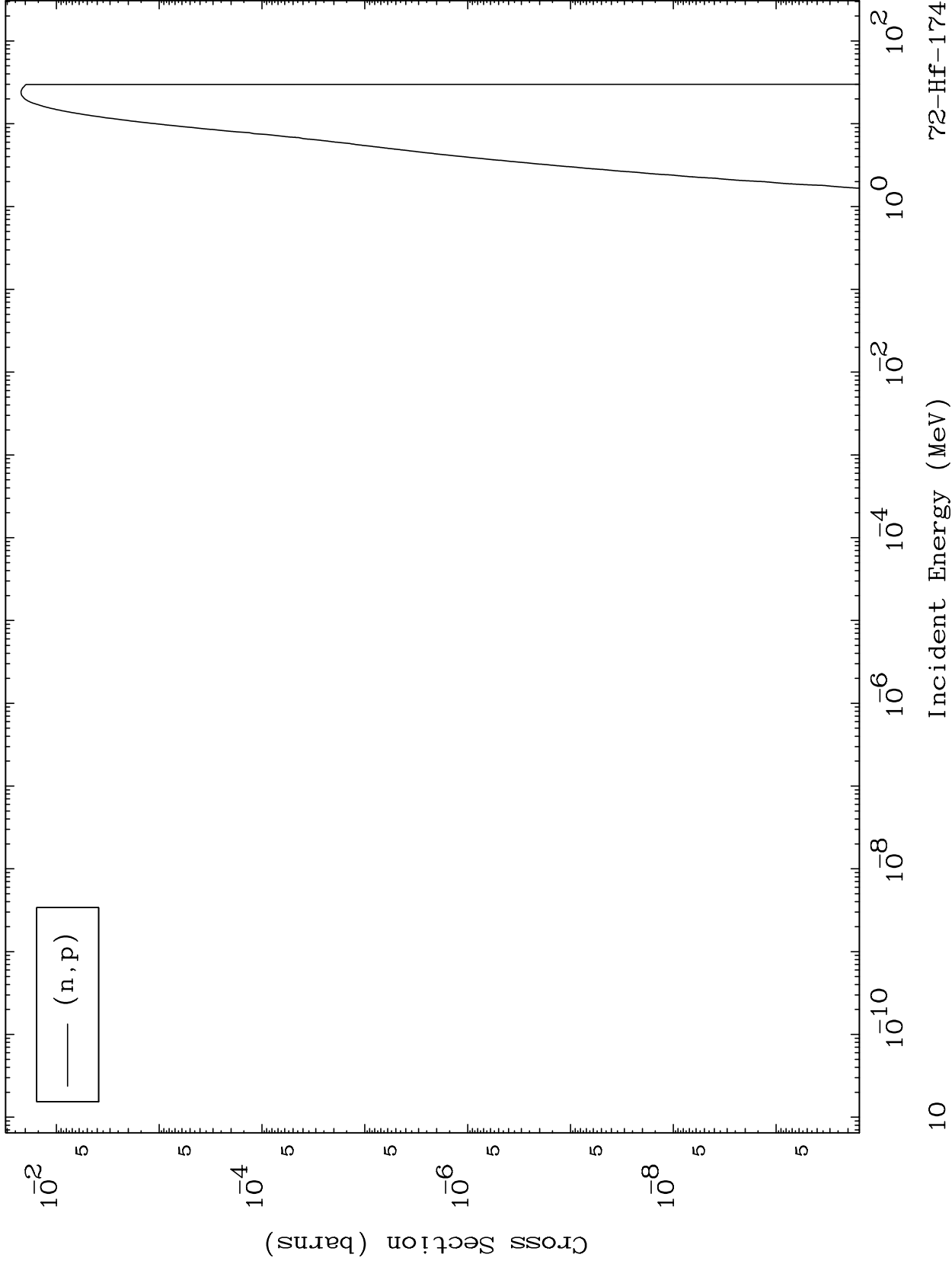
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-174



10

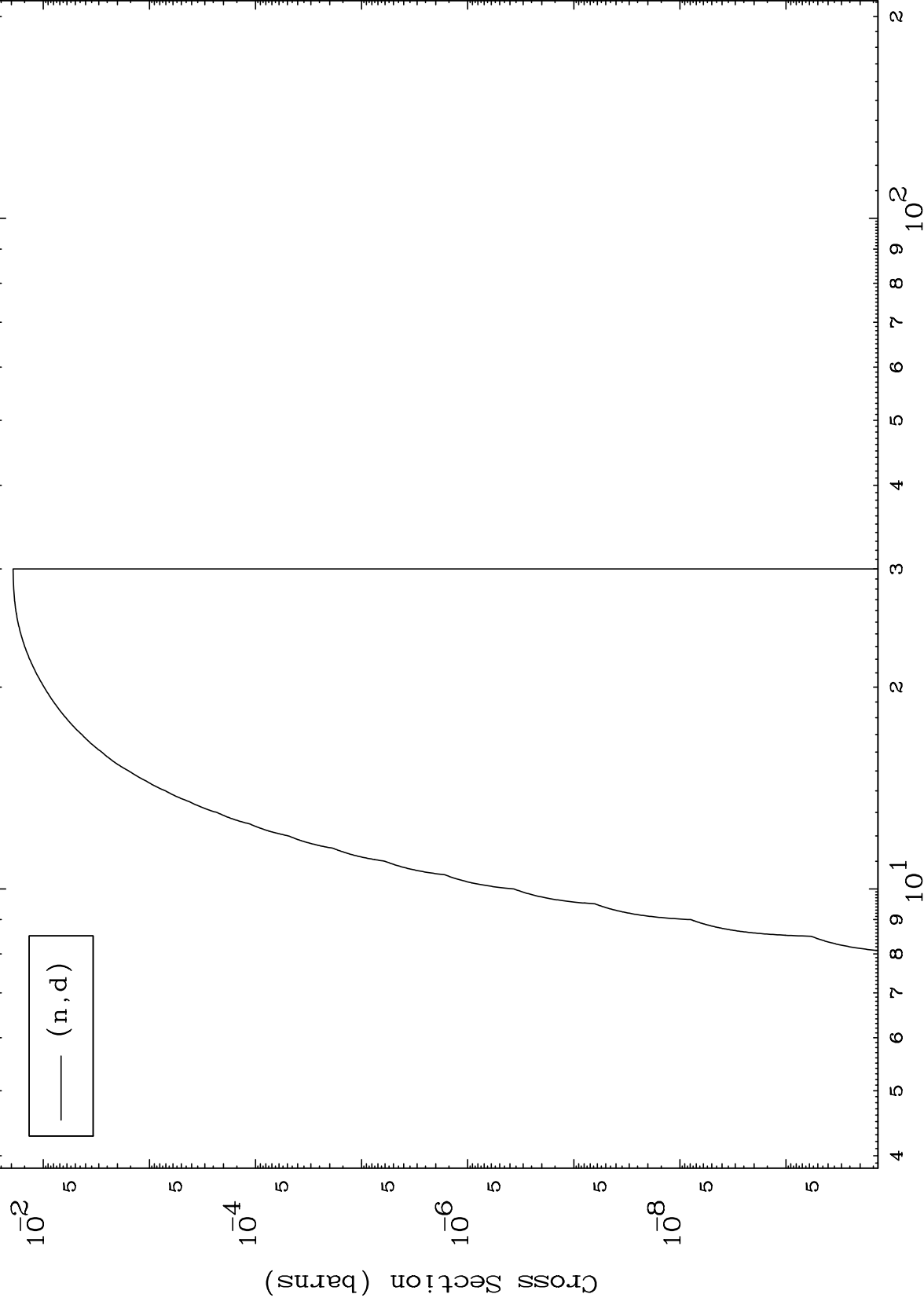
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-174



11

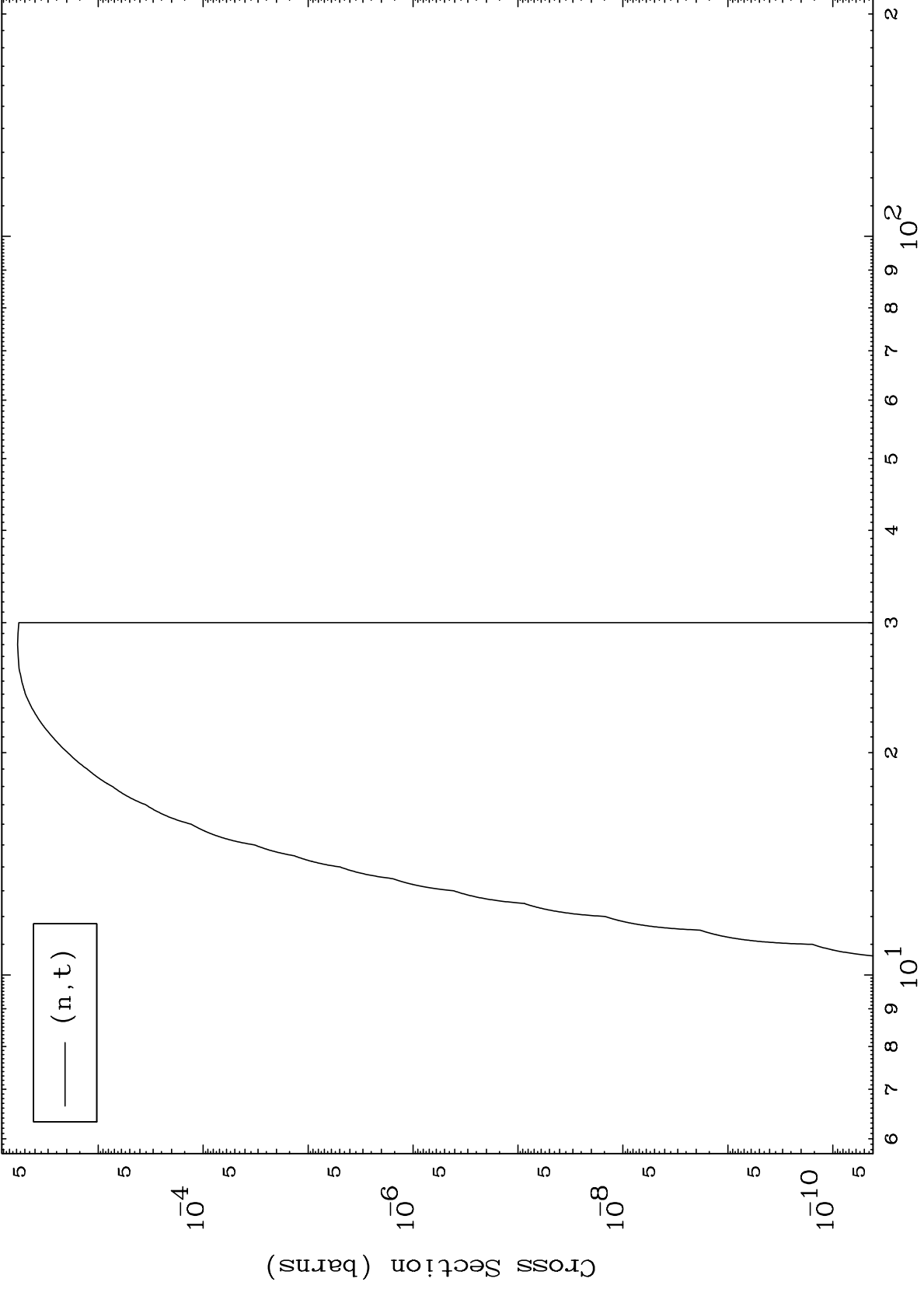
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-174



12

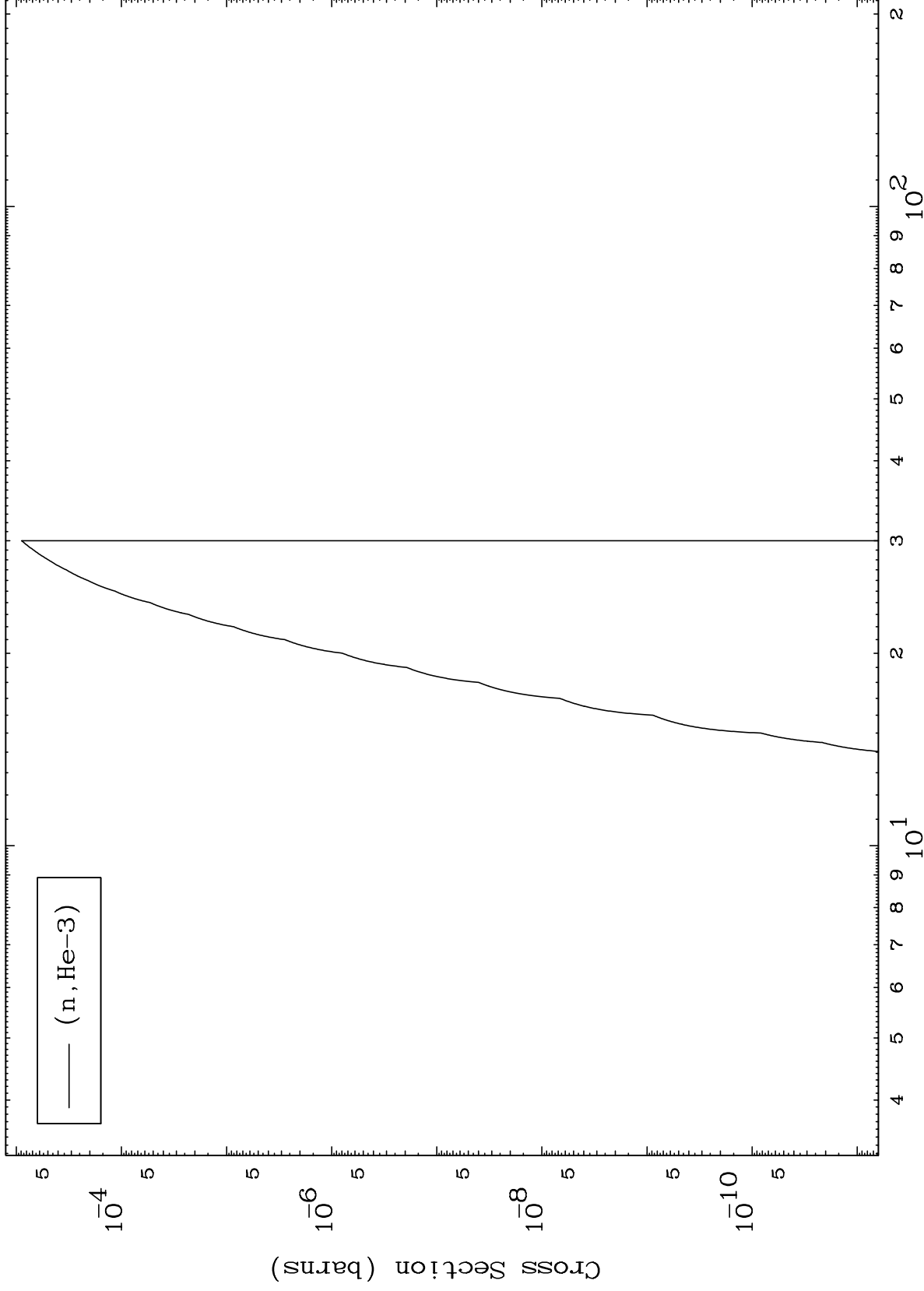
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-174



13

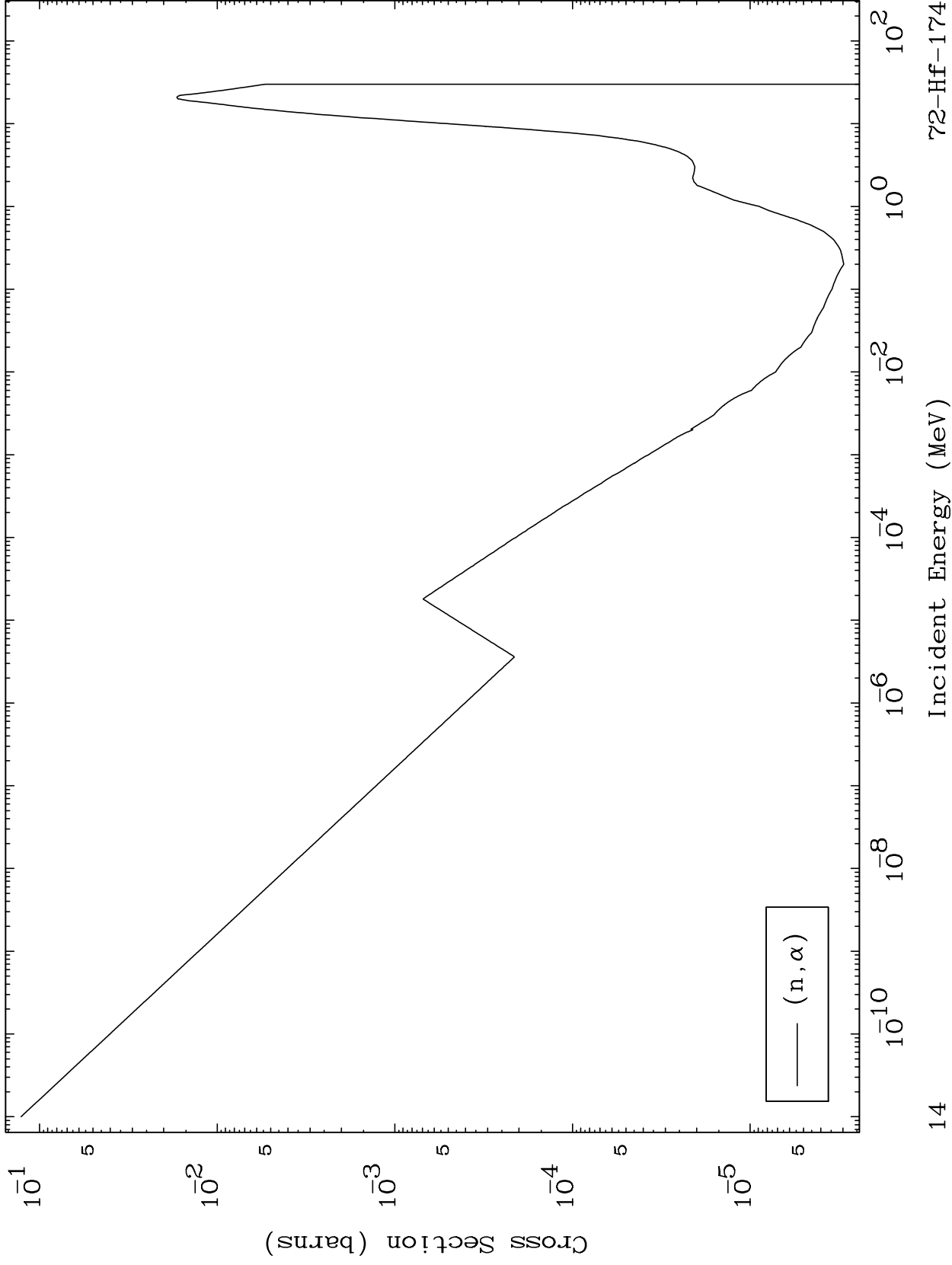
Incident Energy (MeV)

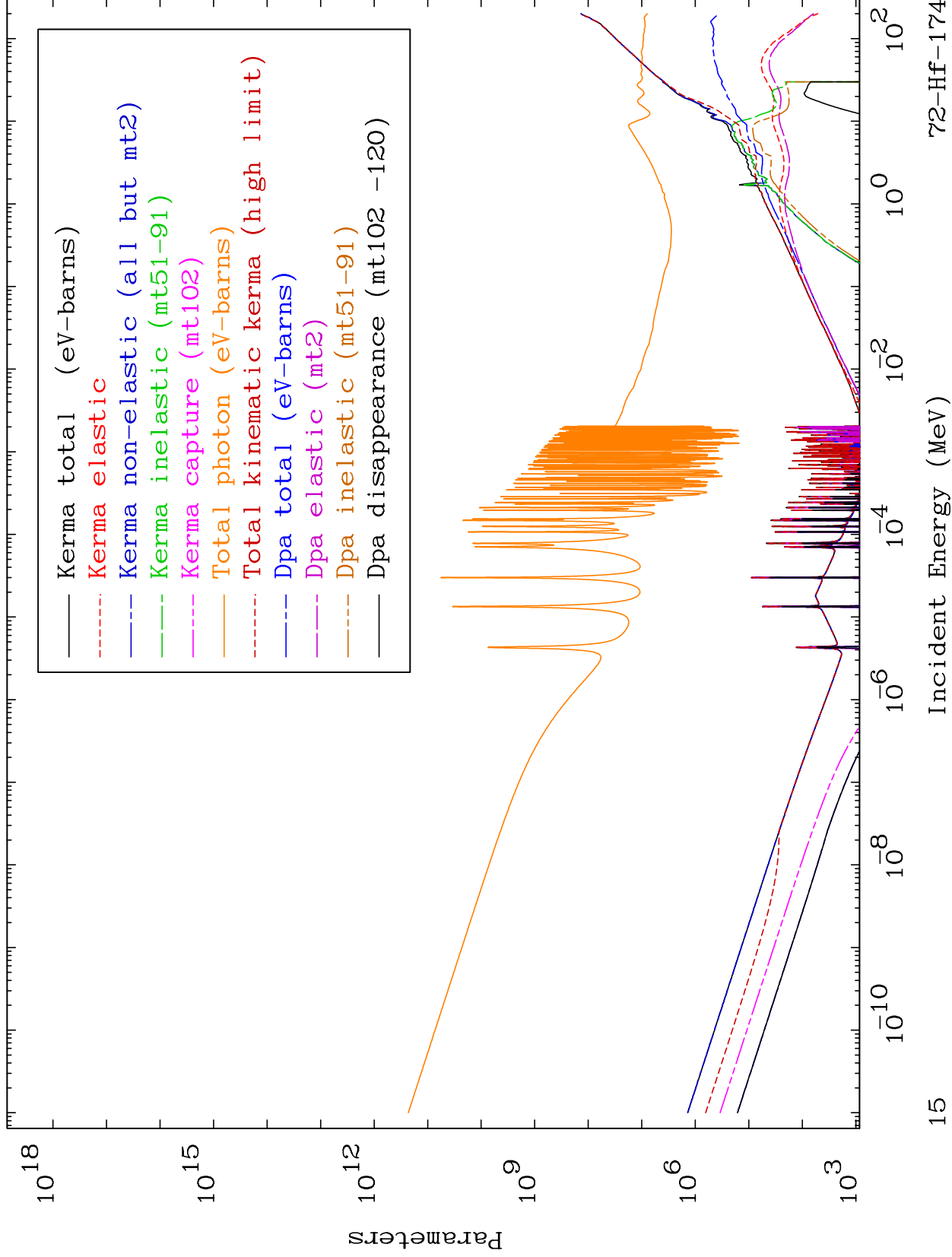
72-Hf-174

MAT 7225

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-174

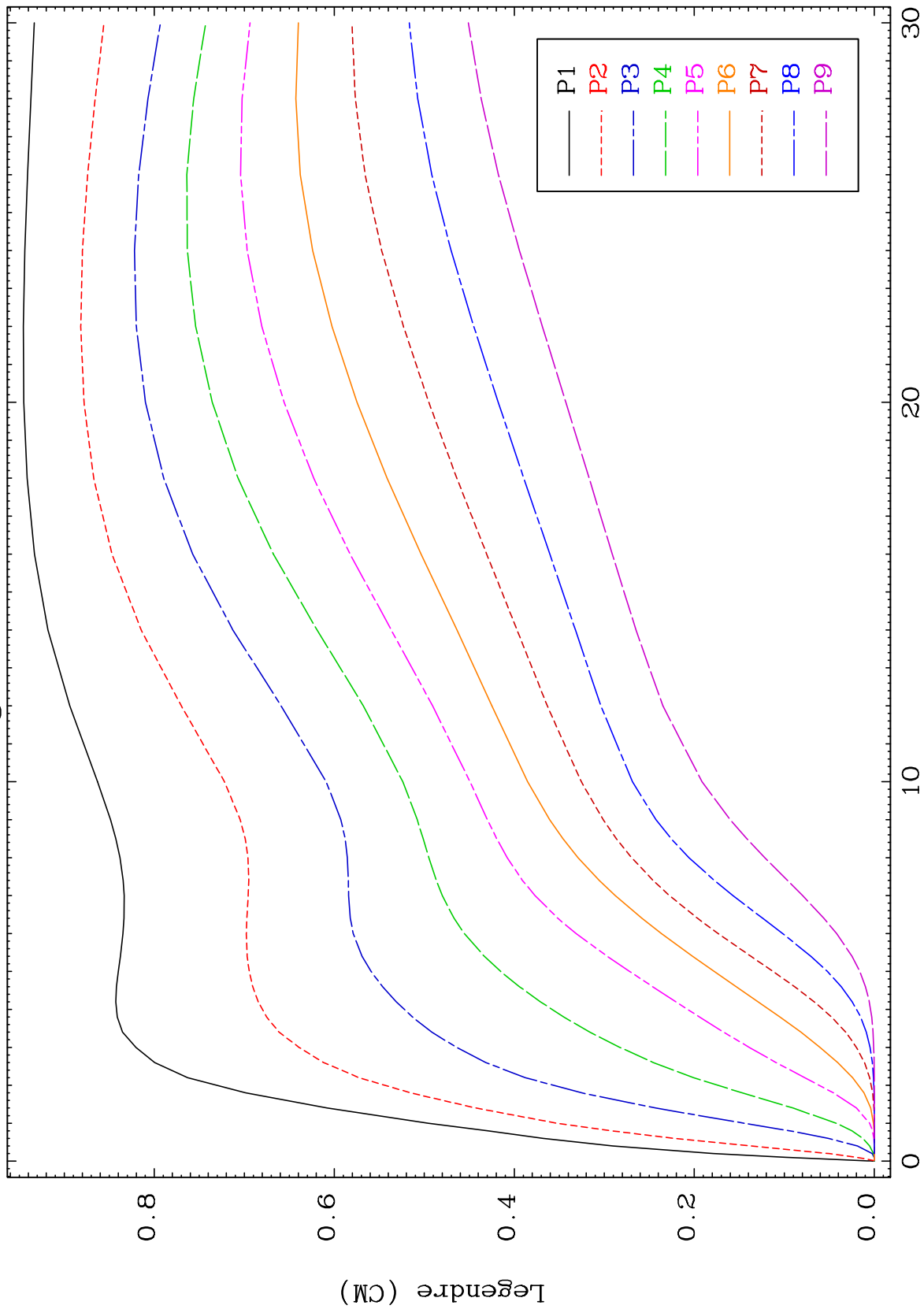




MAT 7225

Elastic Legendre Coefficients

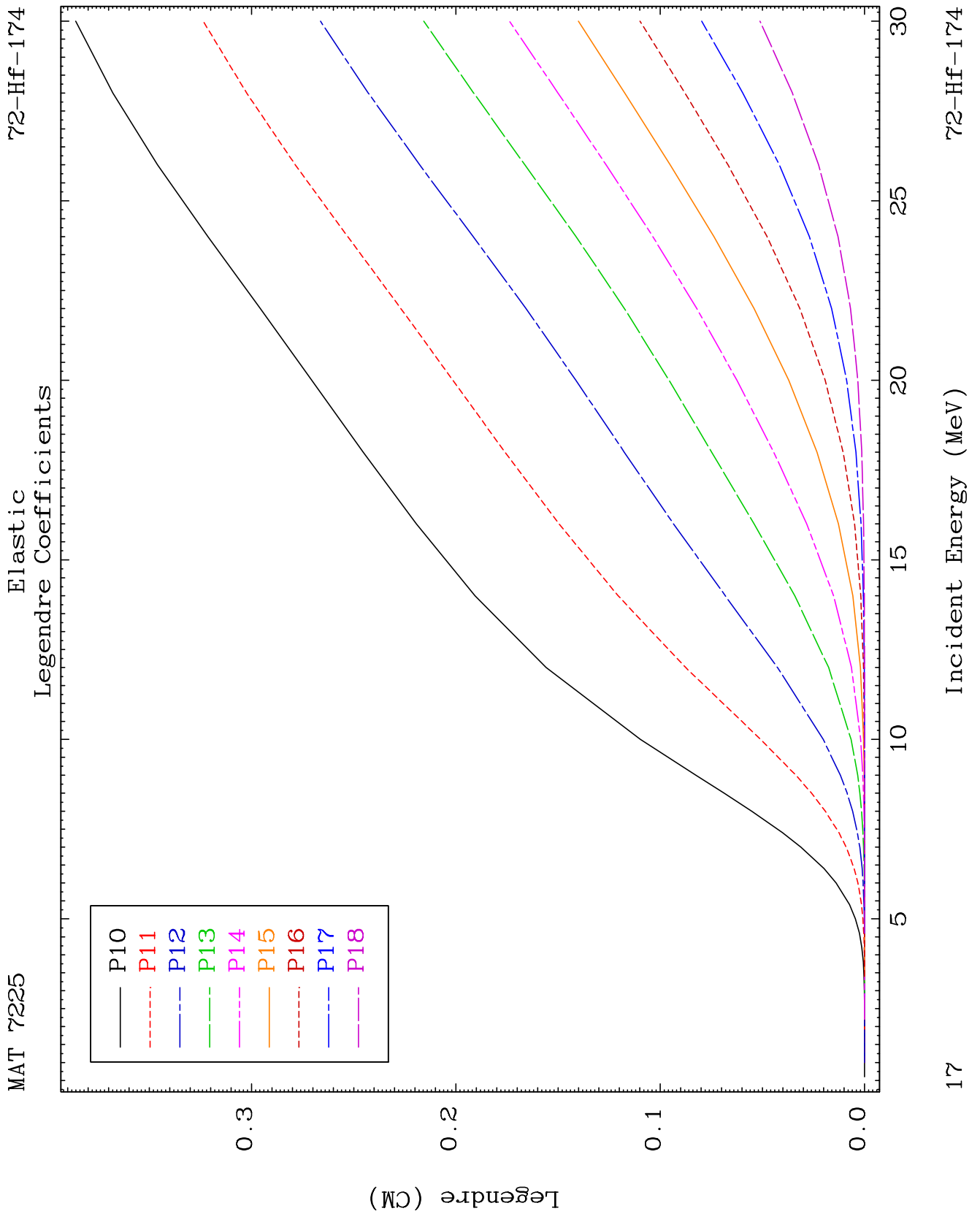
72-Hf-174



16

Incident Energy (MeV)

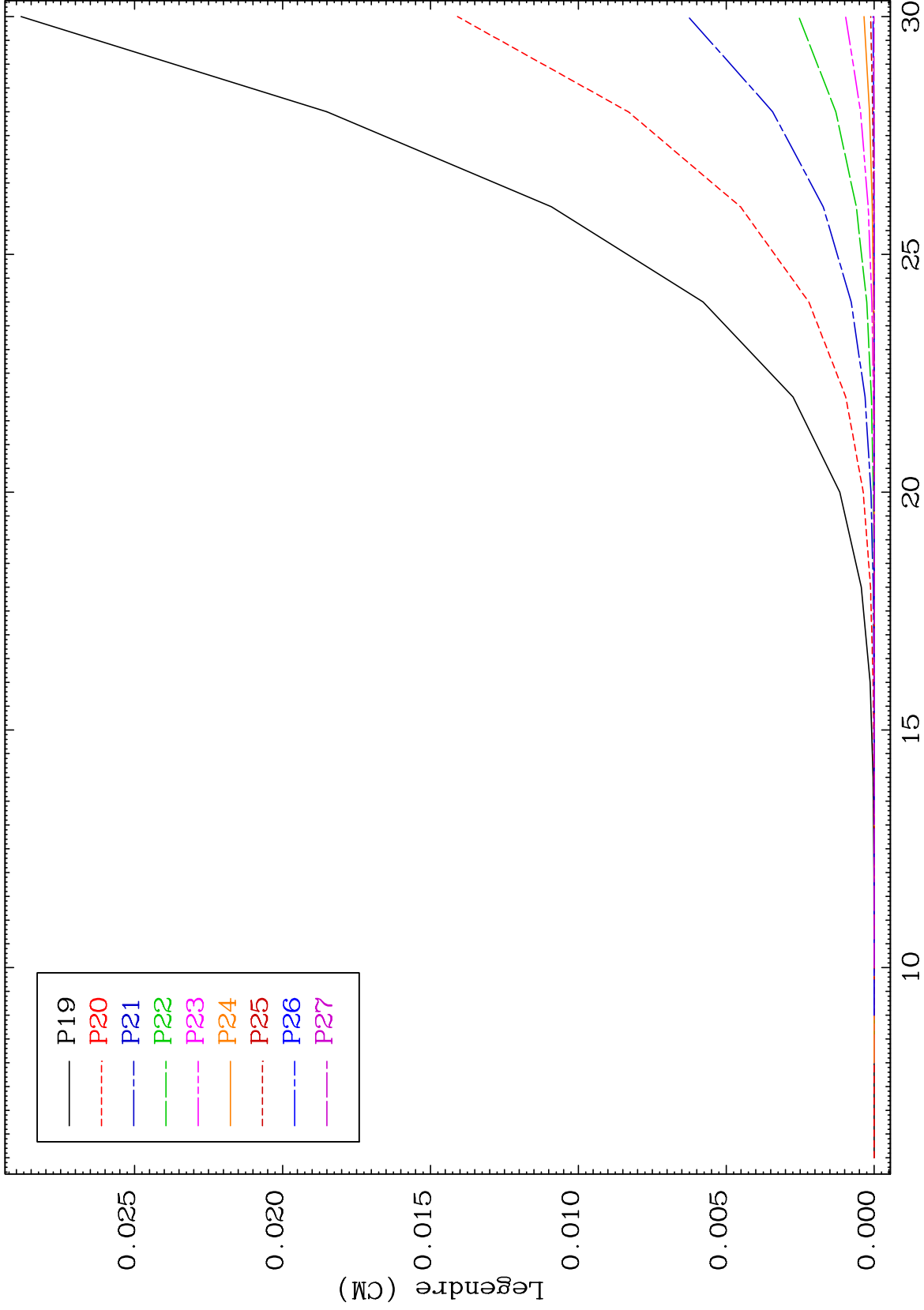
72-Hf-174



MAT 7225

Elastic
Legendre Coefficients

72-Hf-174



18

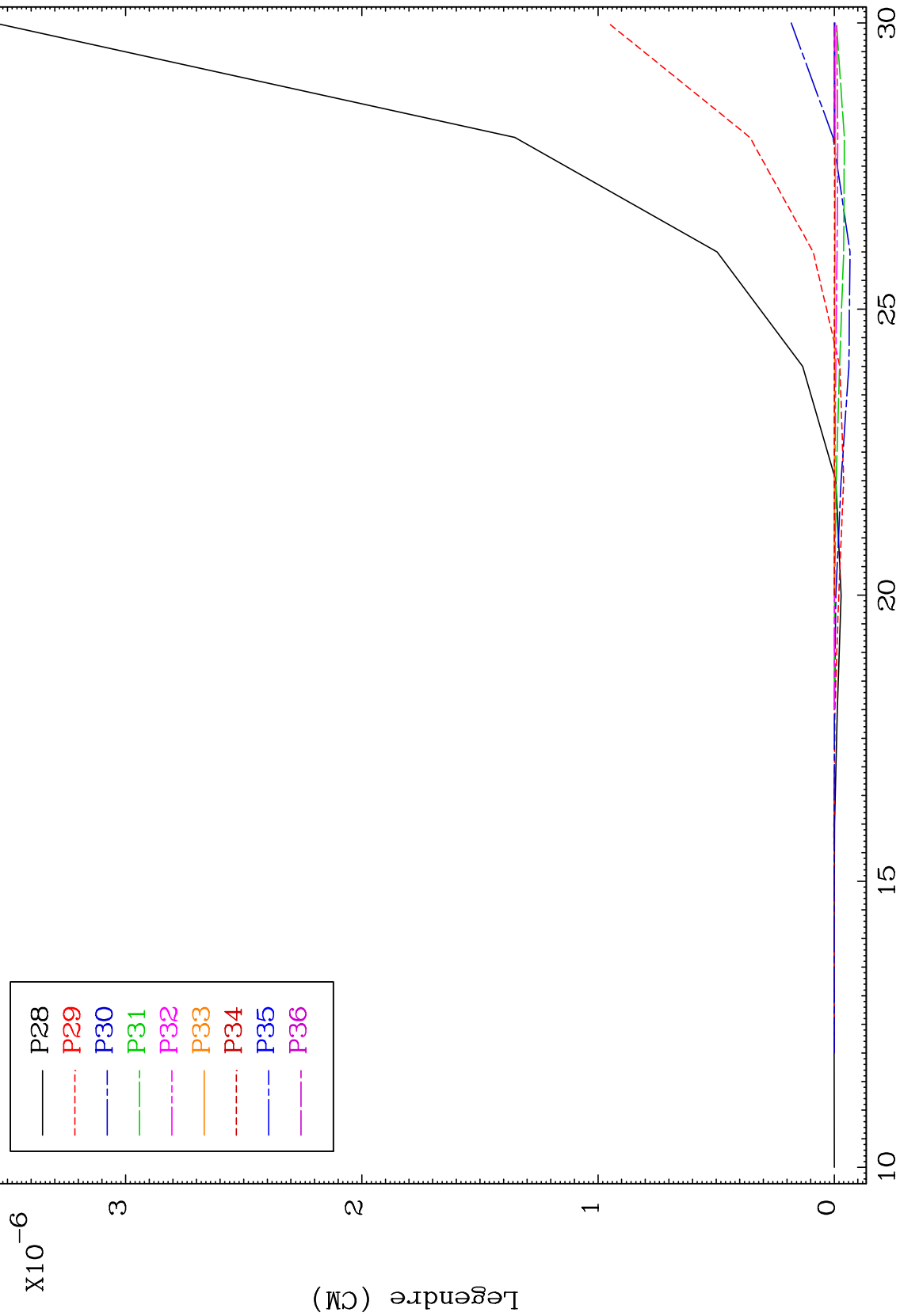
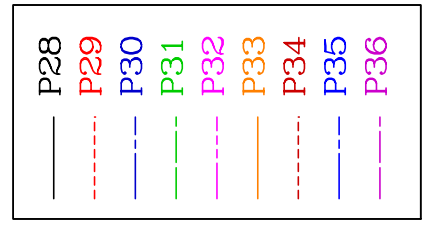
Incident Energy (MeV)

72-Hf-174

MAT 7225

Elastic Legendre Coefficients

72-Hf-174



10

15

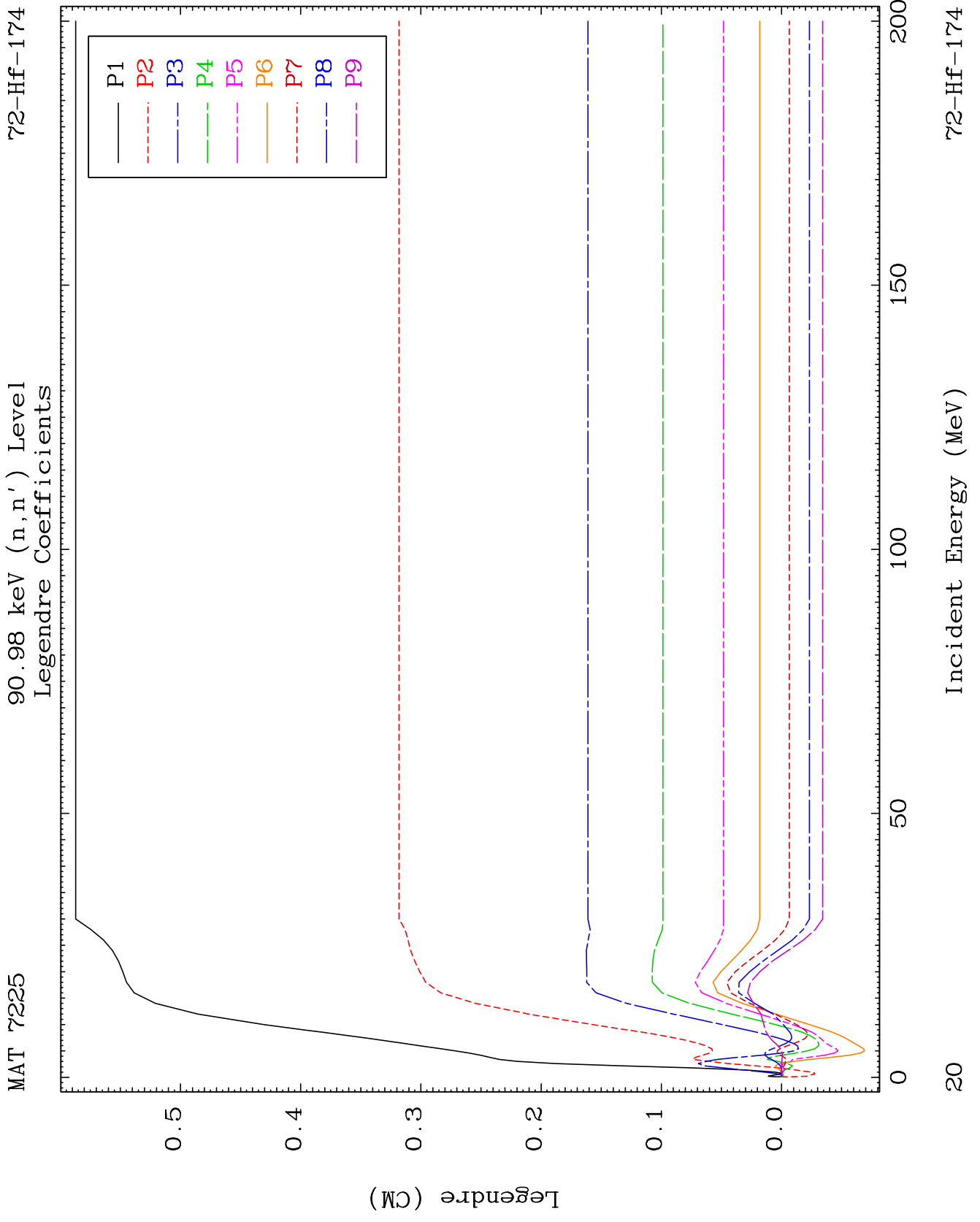
20

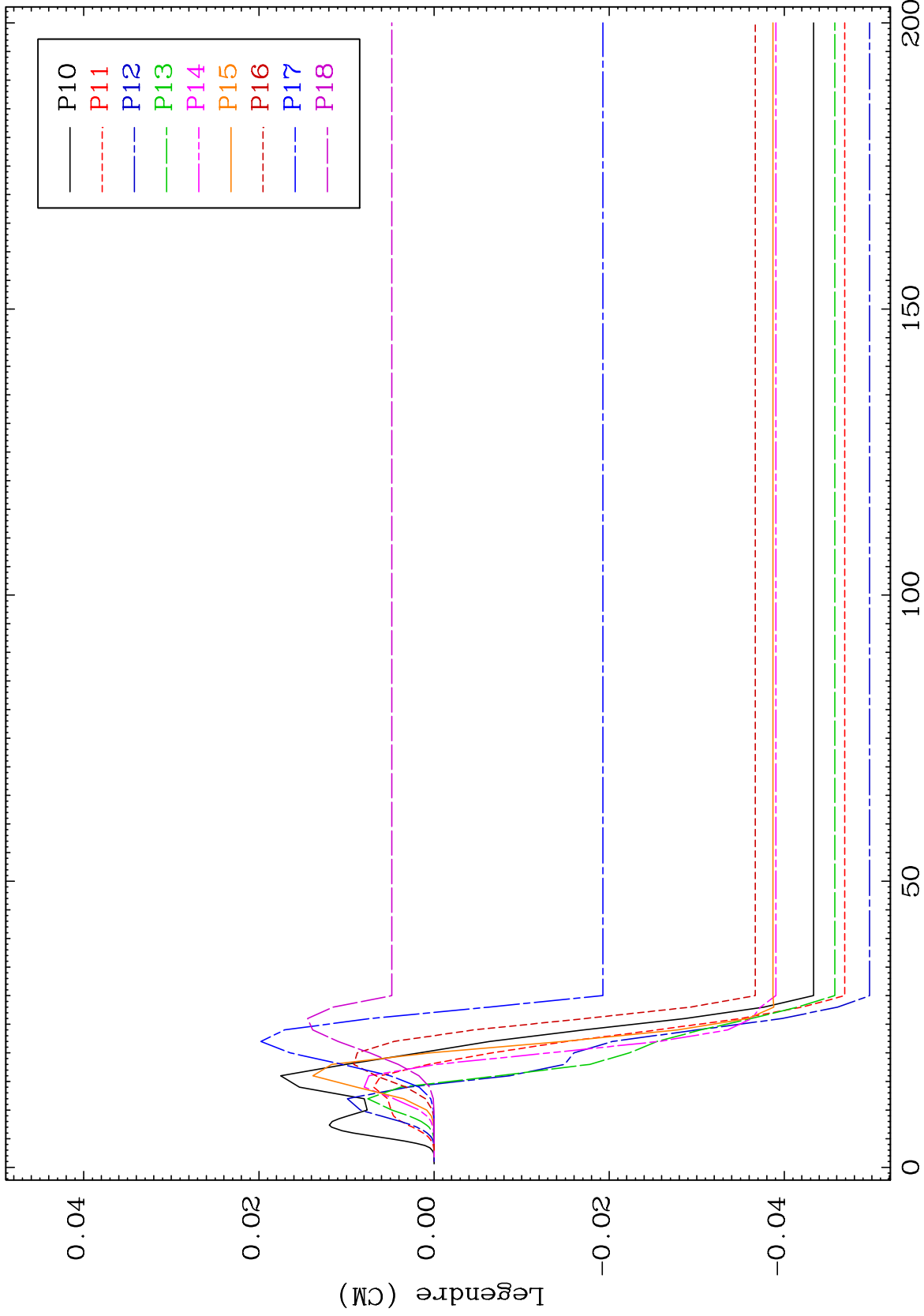
25

30

Incident Energy (MeV)

72-Hf-174

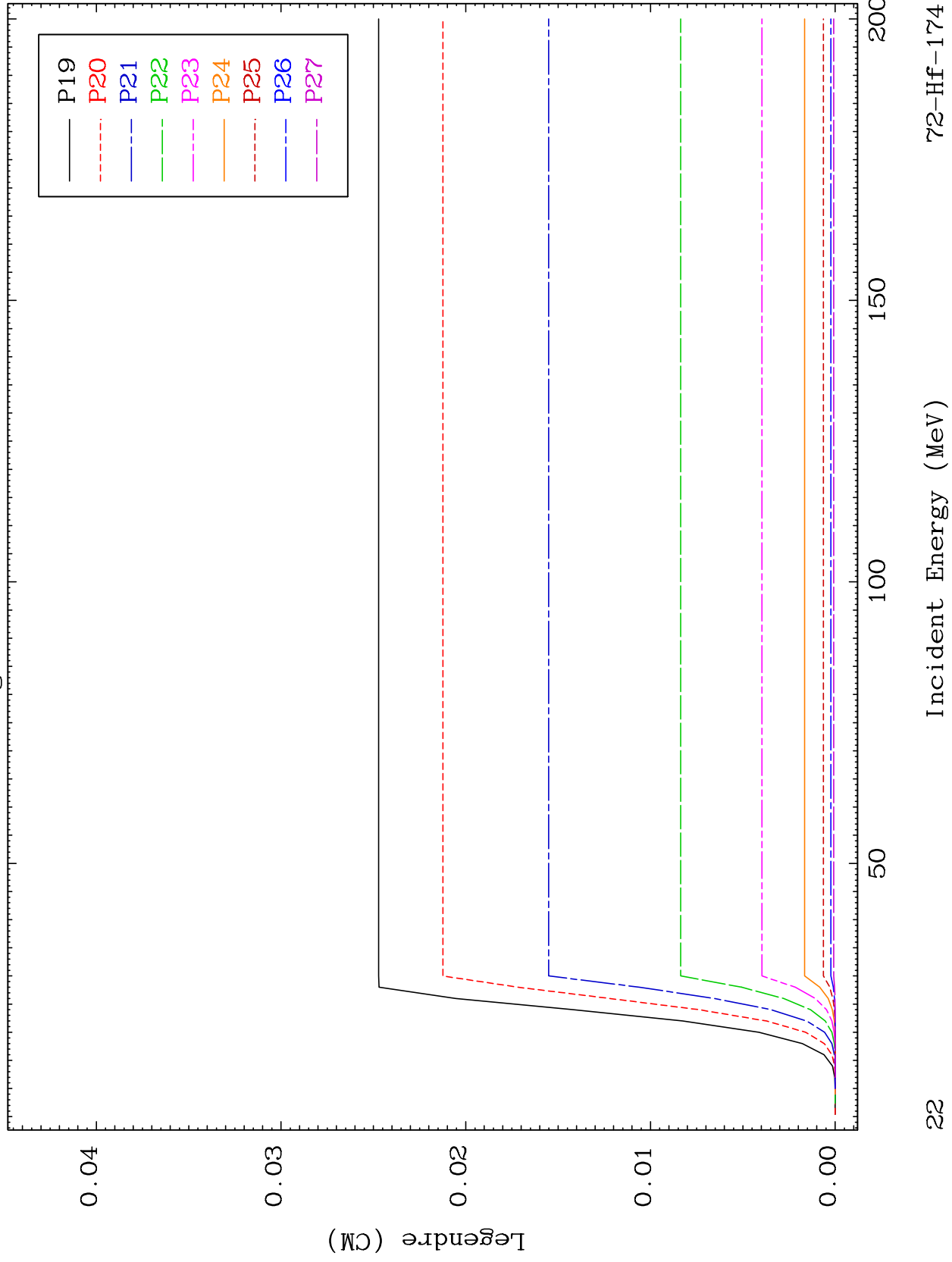




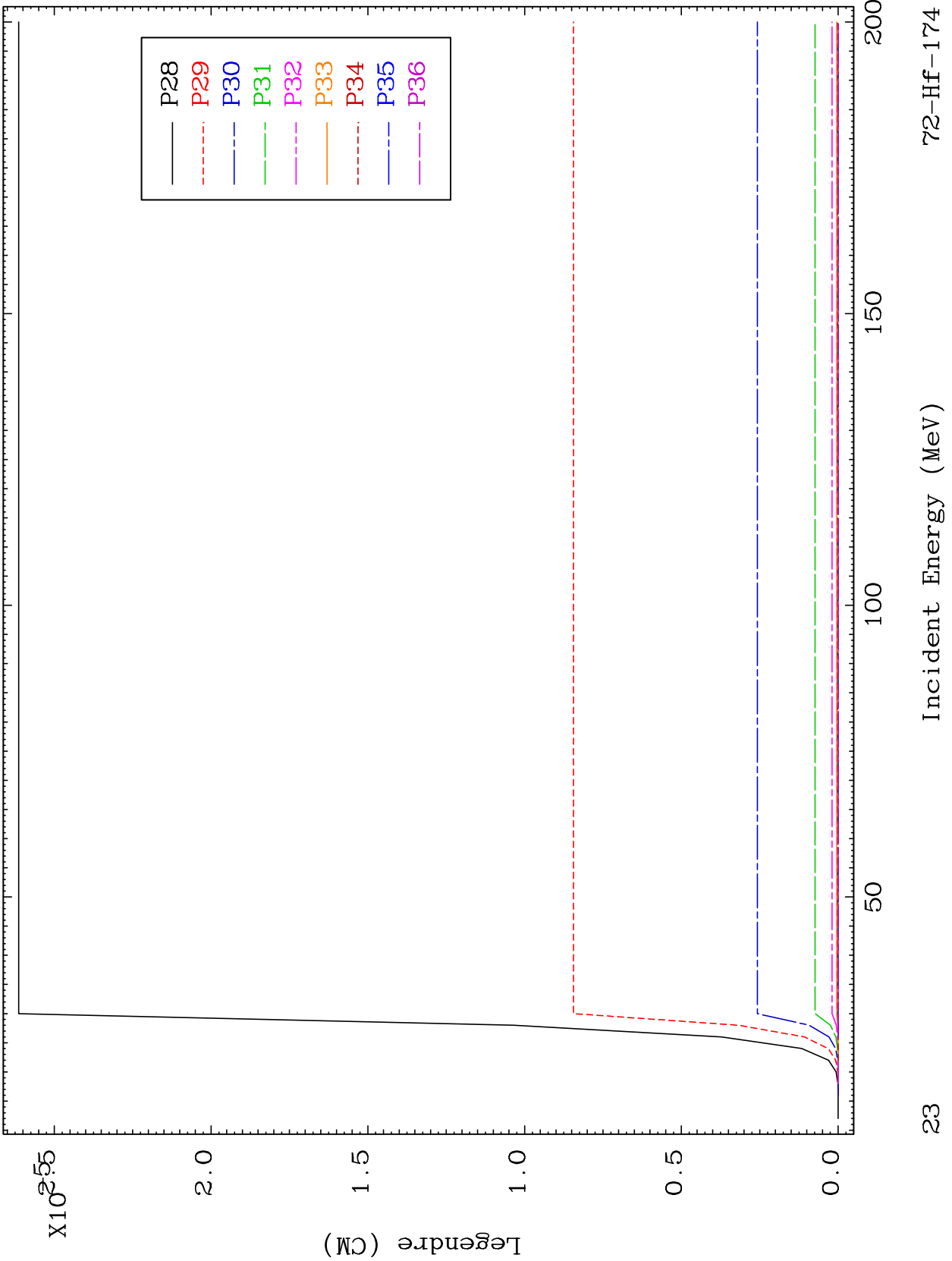
MAT 7225

90.98 keV (n,n') Level
Legendre Coefficients

72-Hf-174



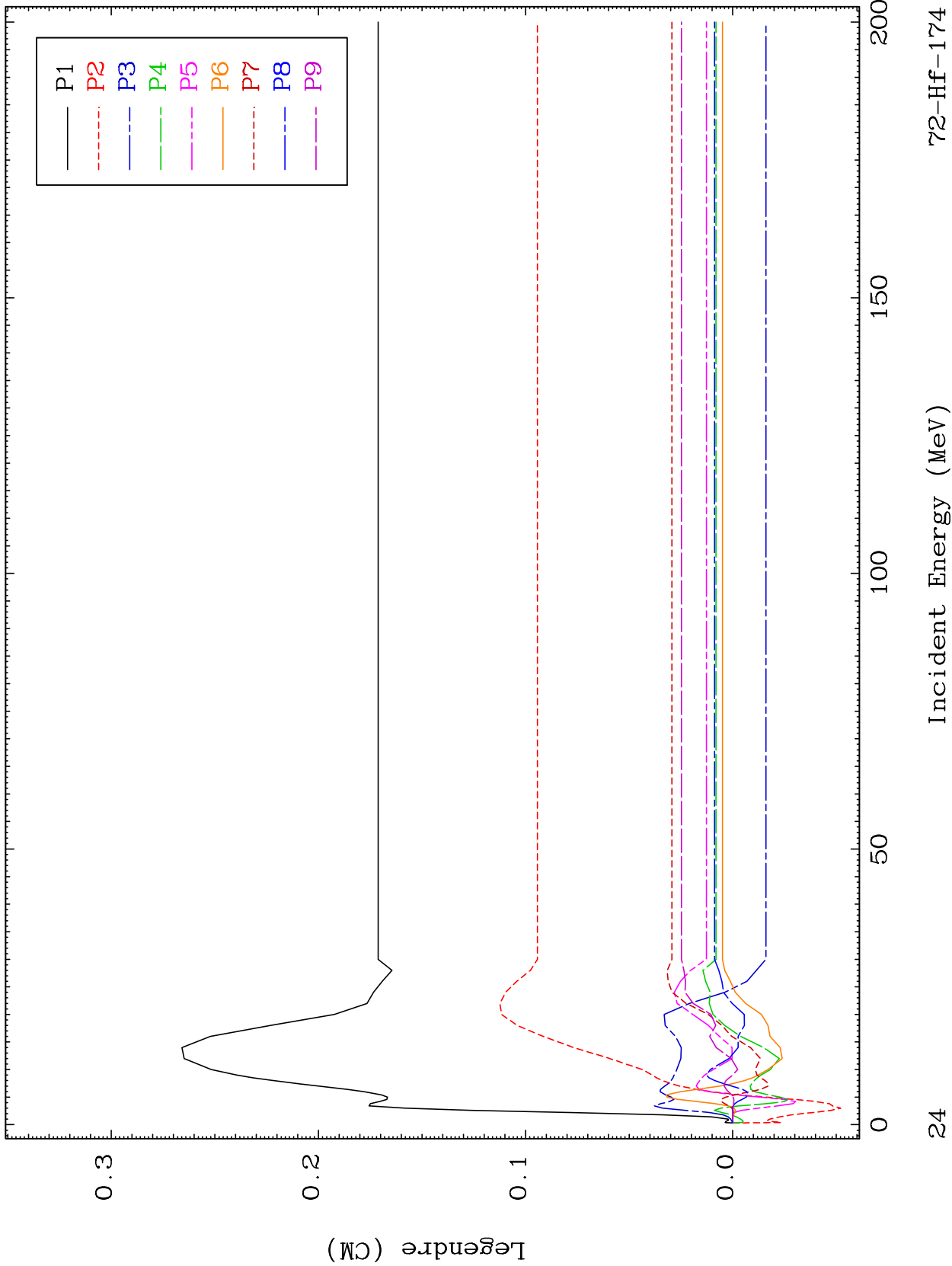
22



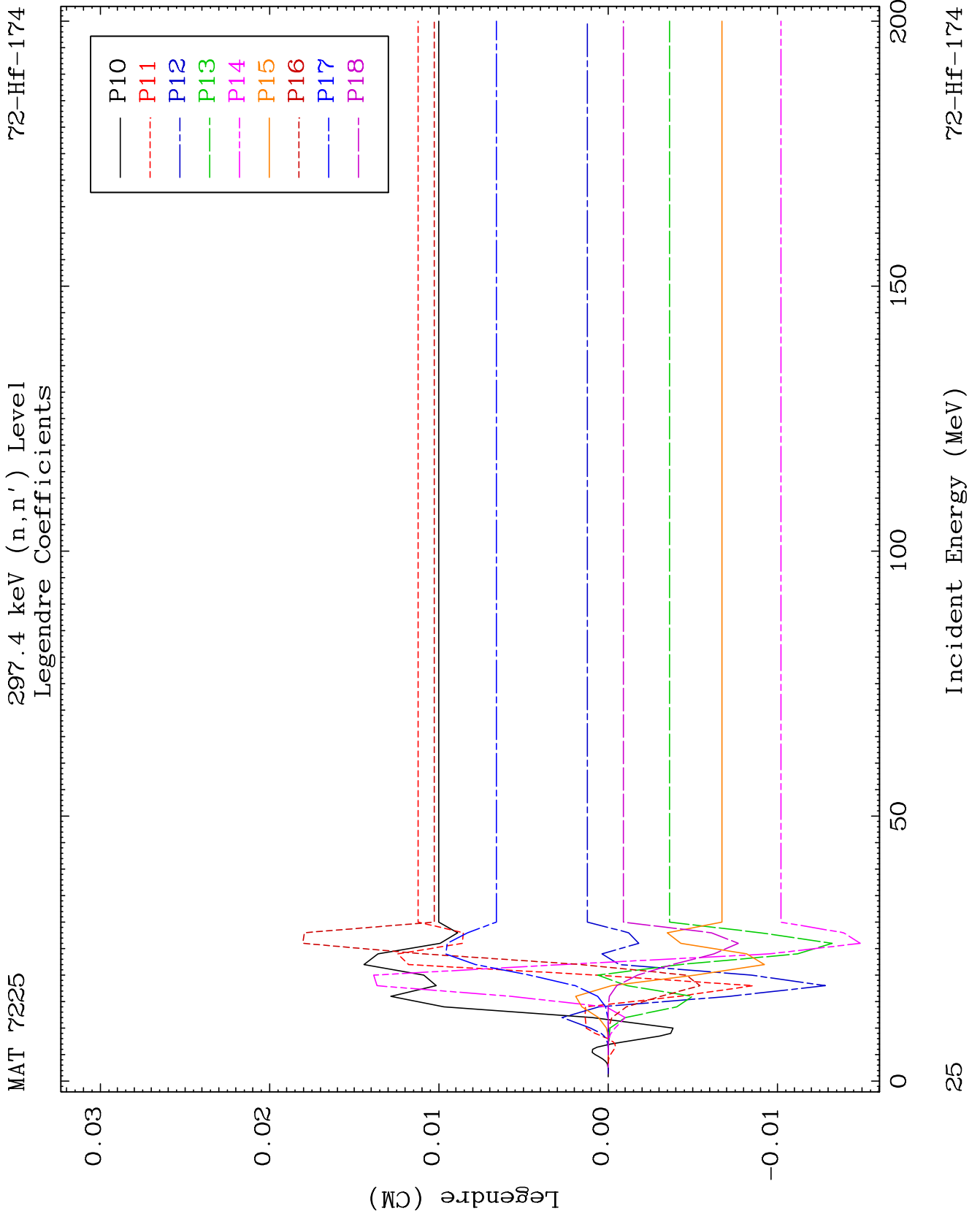
MAT 7225

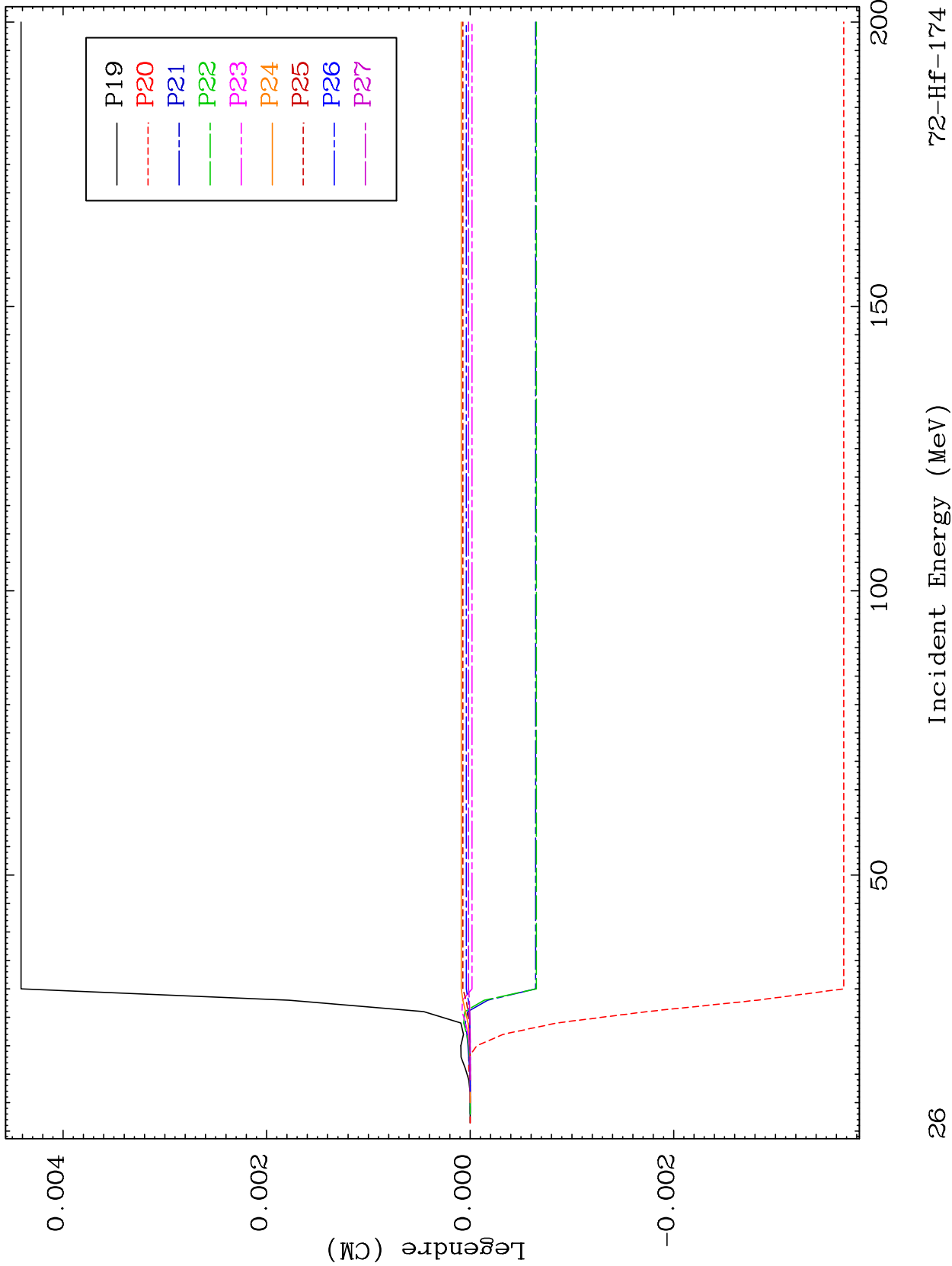
297.4 keV (n,n') Level
Legendre Coefficients

72-Hf-174



24

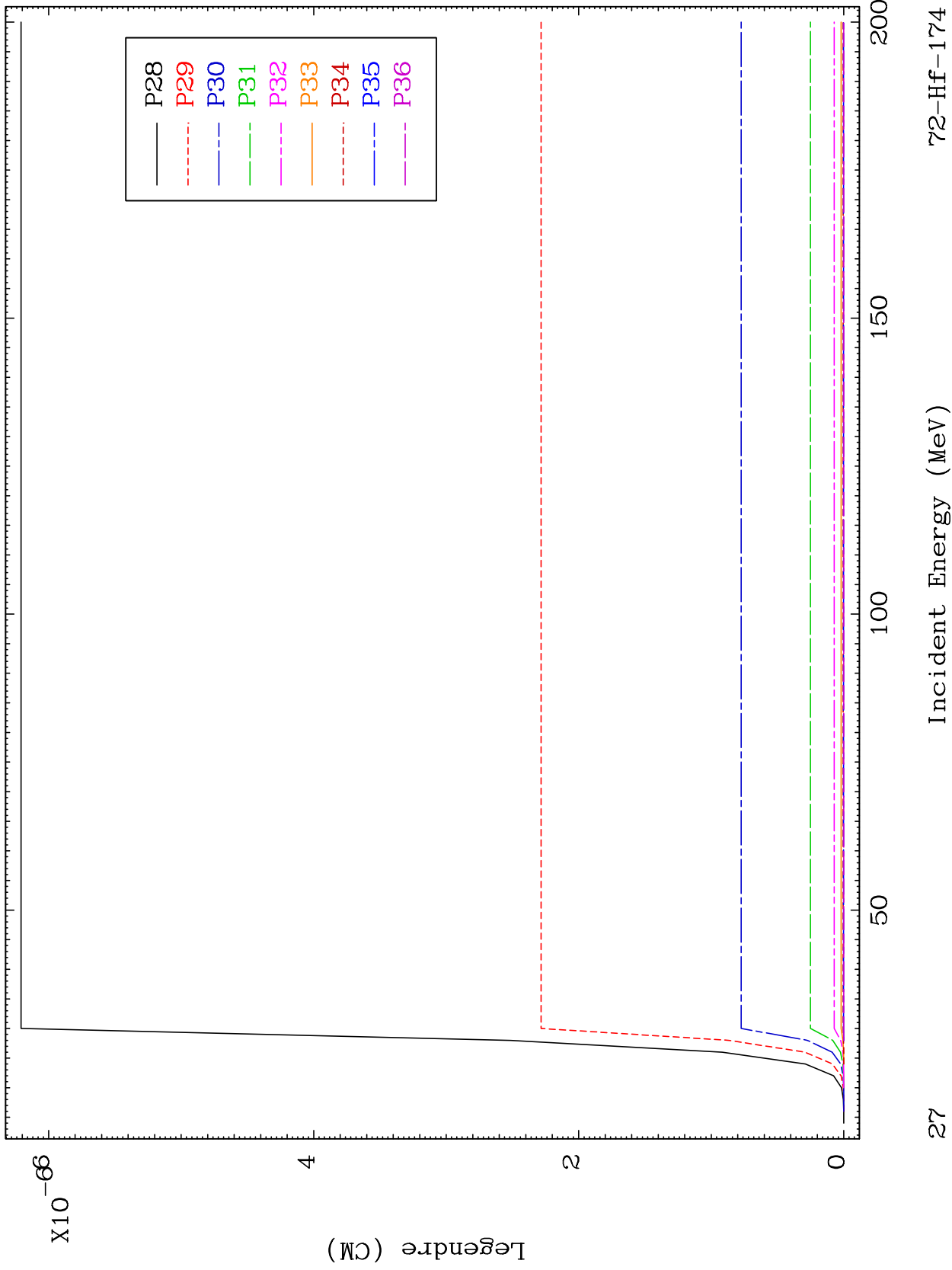




MAT 7225

297.4 keV (n,n') Level
Legendre Coefficients

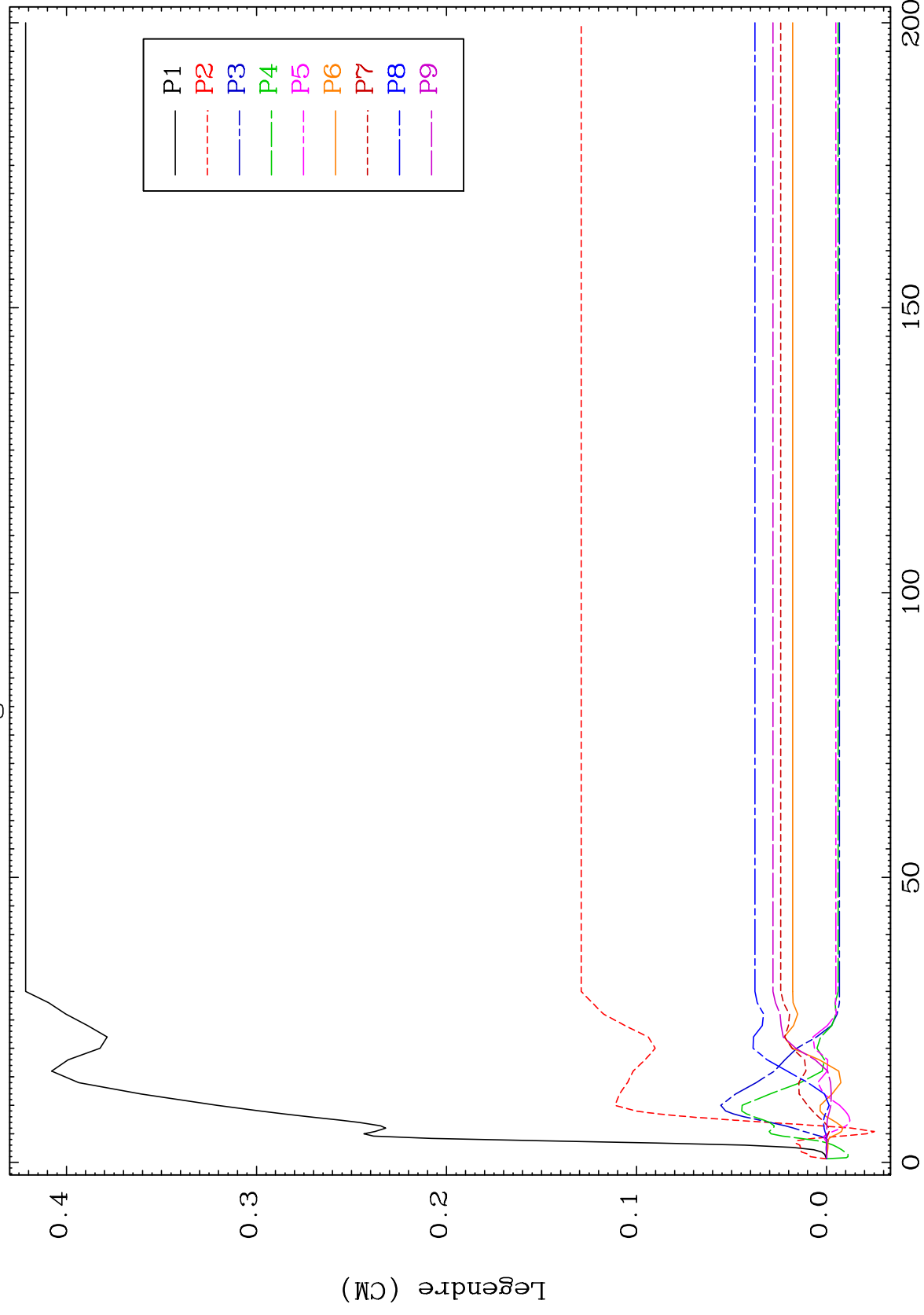
72-Hf-174



MAT 7225

608.3 keV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

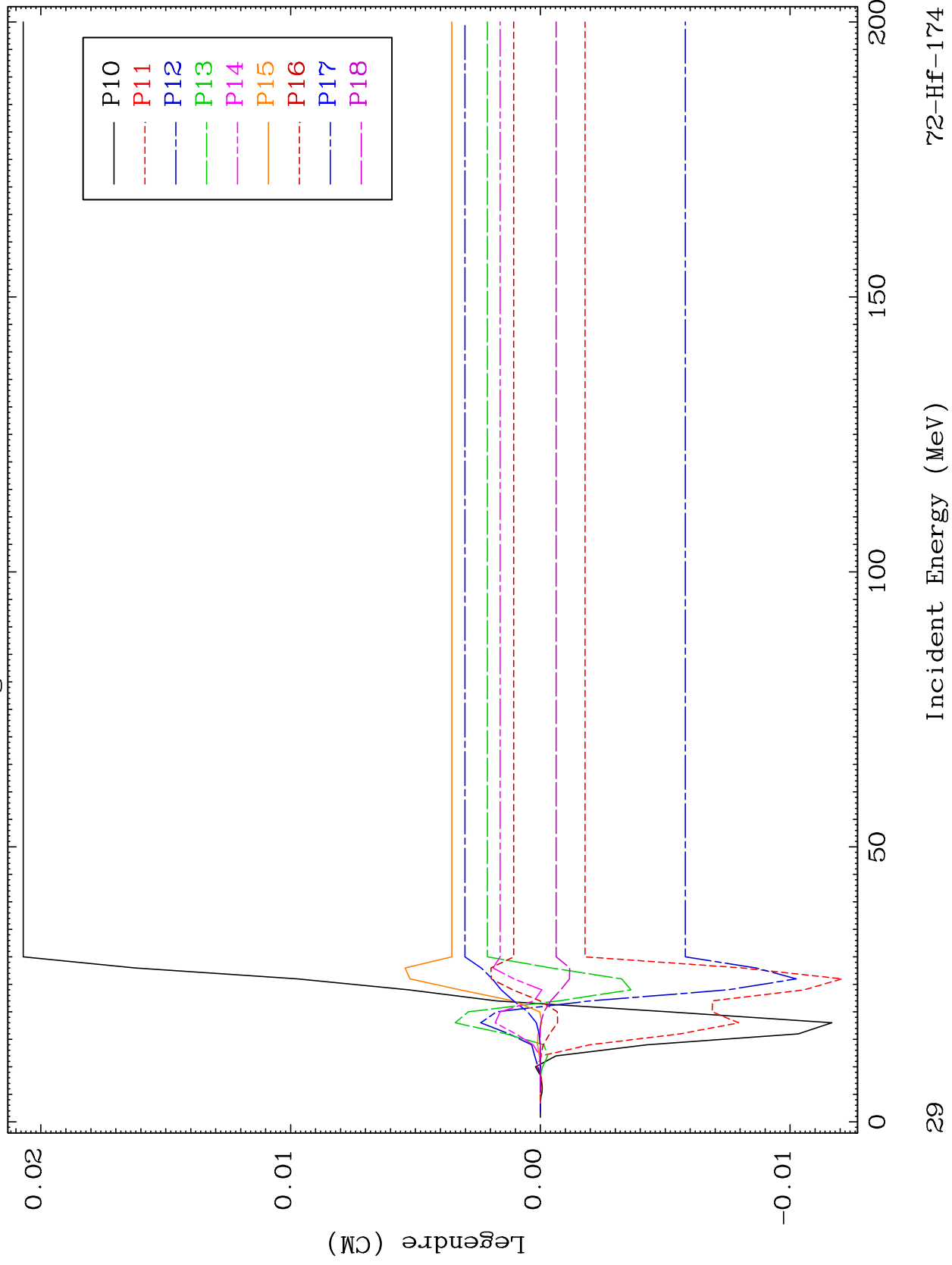
Incident Energy (MeV)

28

MAT 7225

608.3 keV (n,n') Level
Legendre Coefficients

72-Hf-174



29

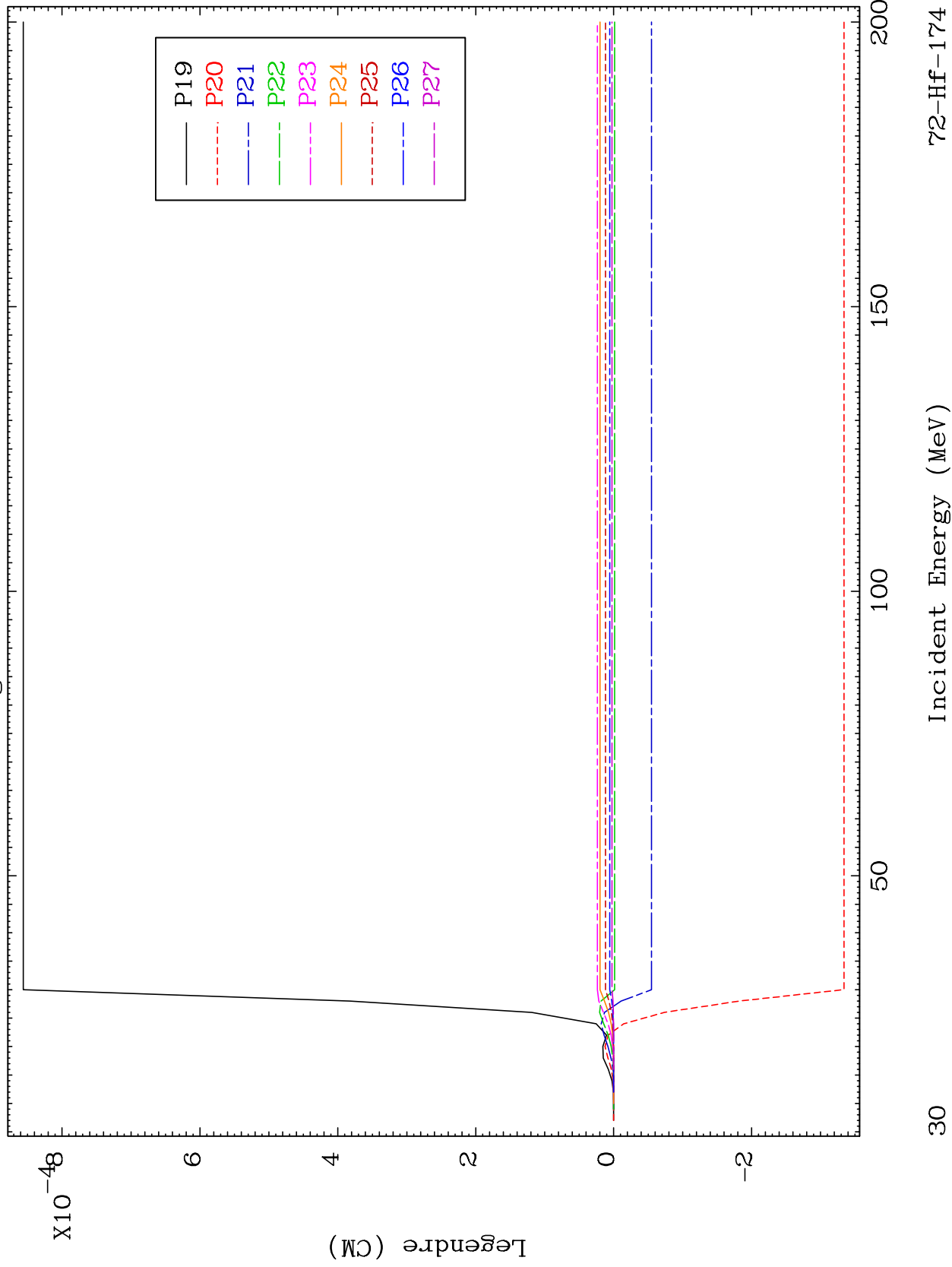
Incident Energy (MeV)

72-Hf-174

MAT 7225

608.3 keV (n,n') Level
Legendre Coefficients

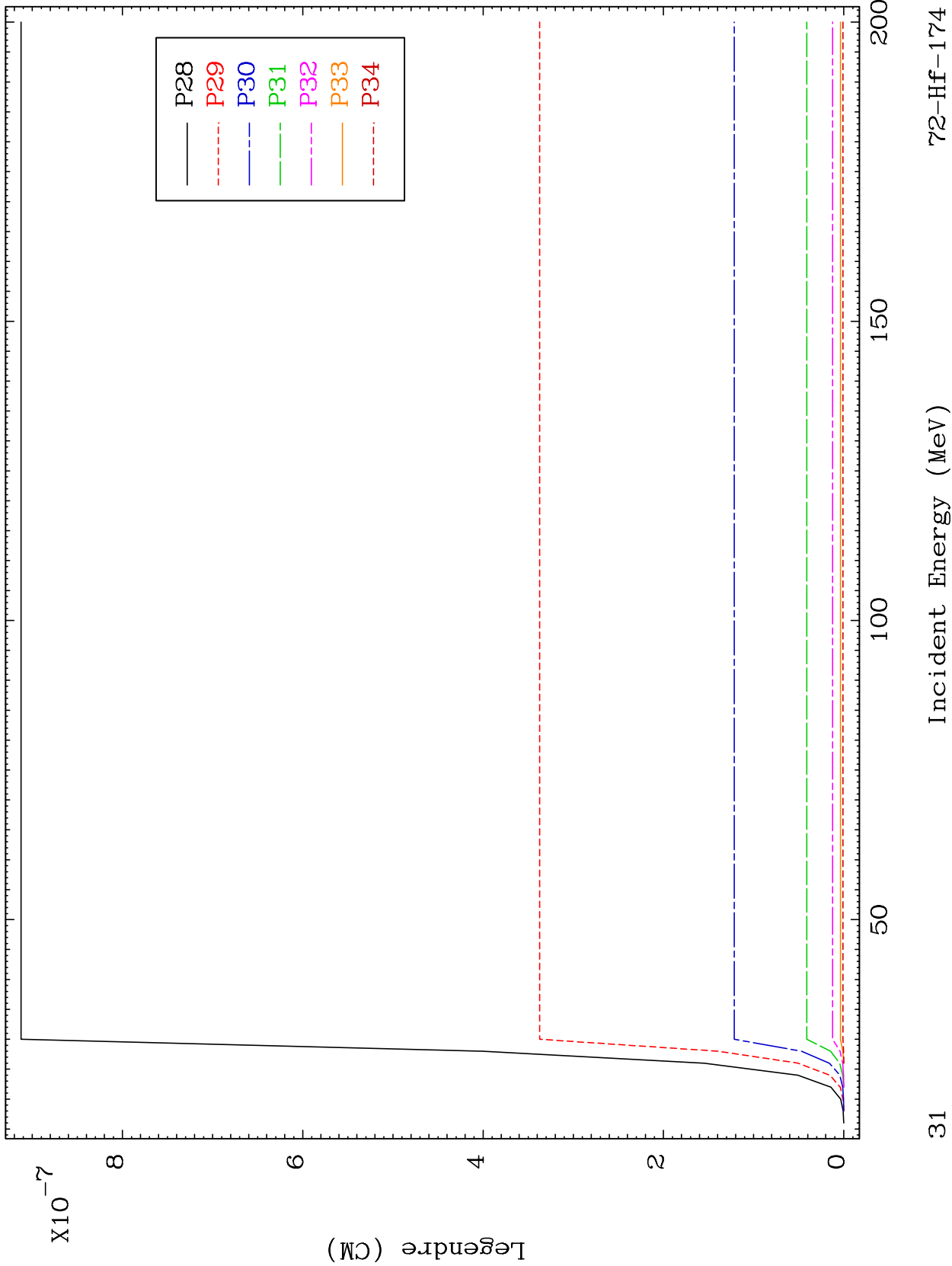
72-Hf-174

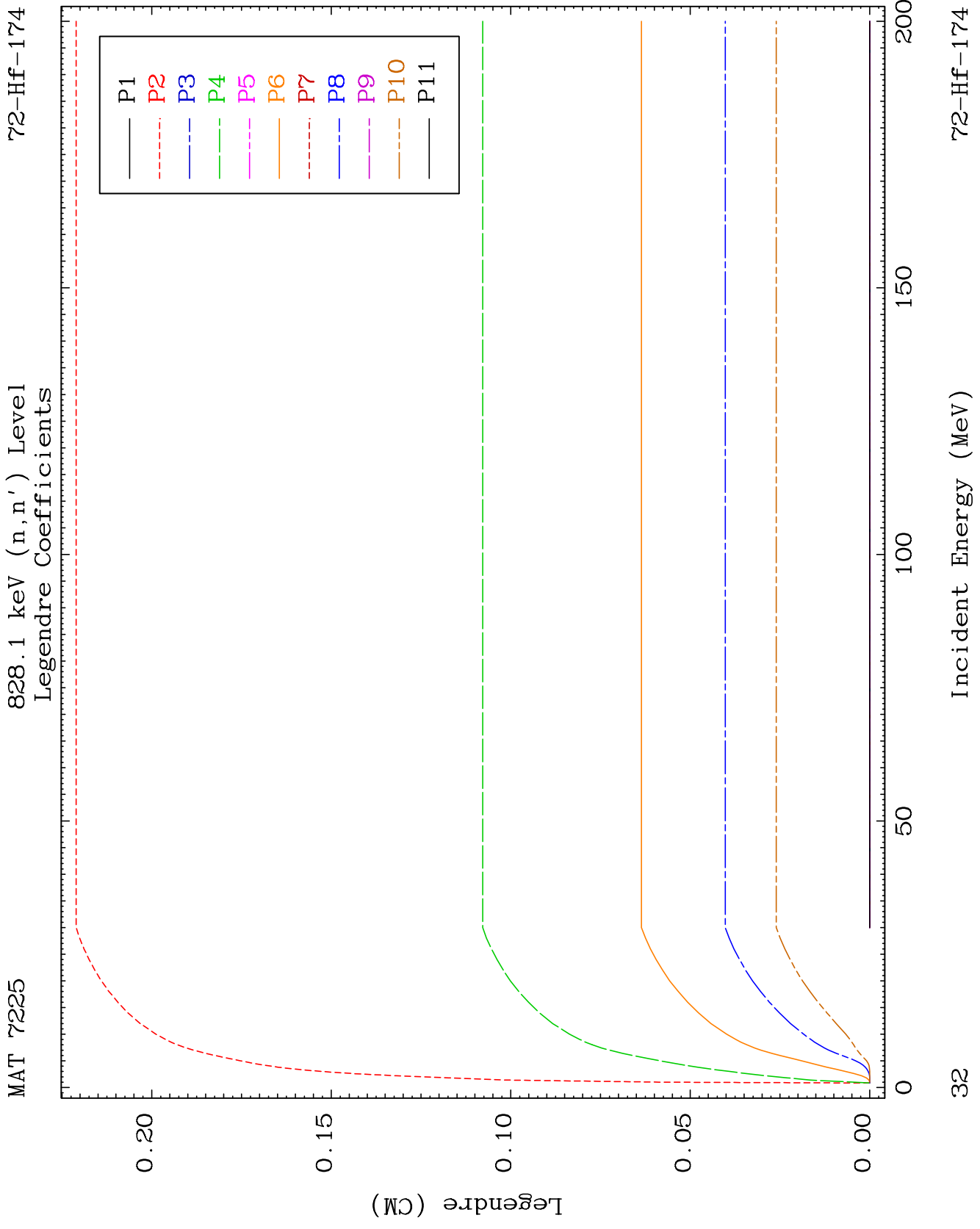


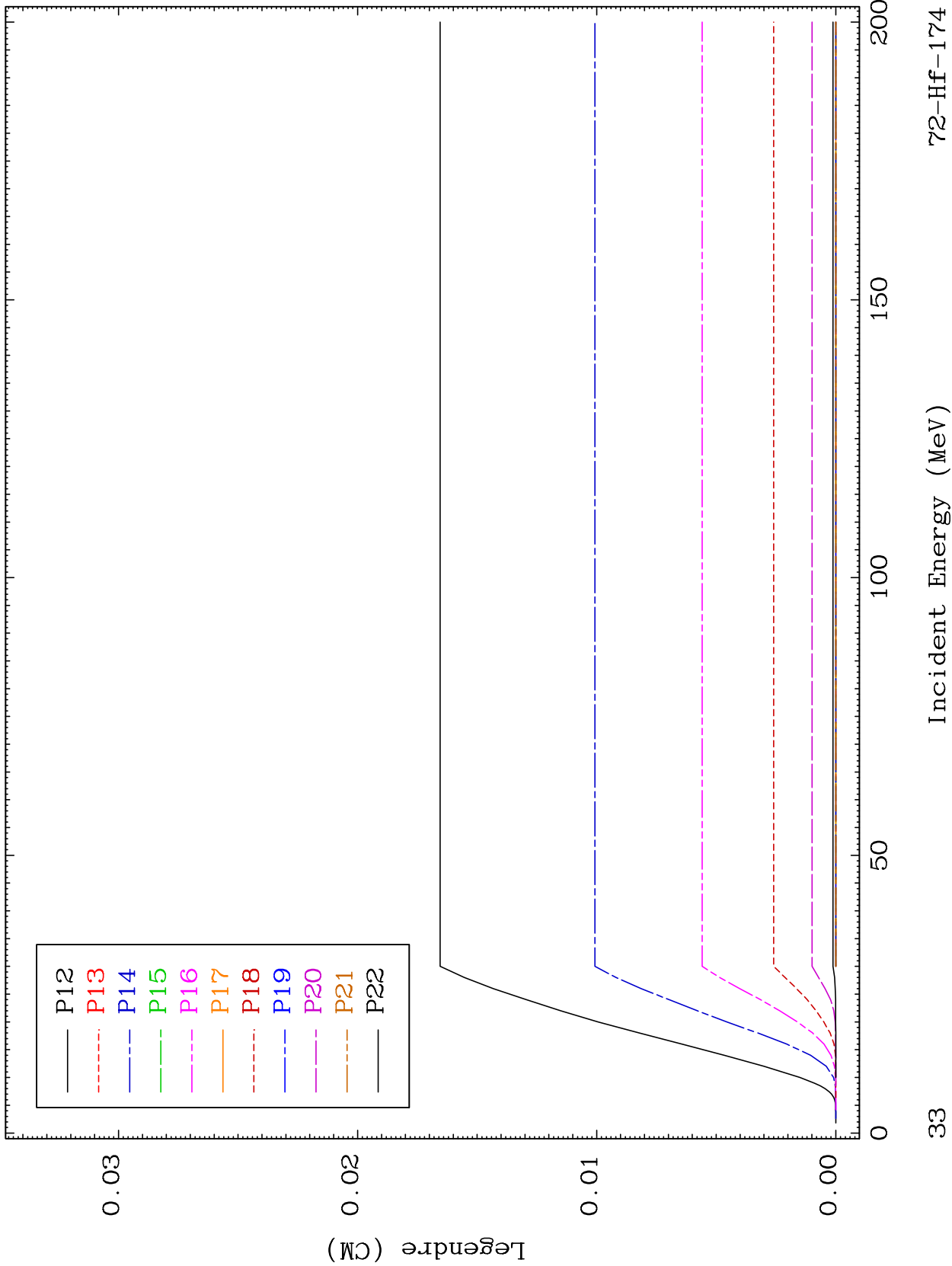
30

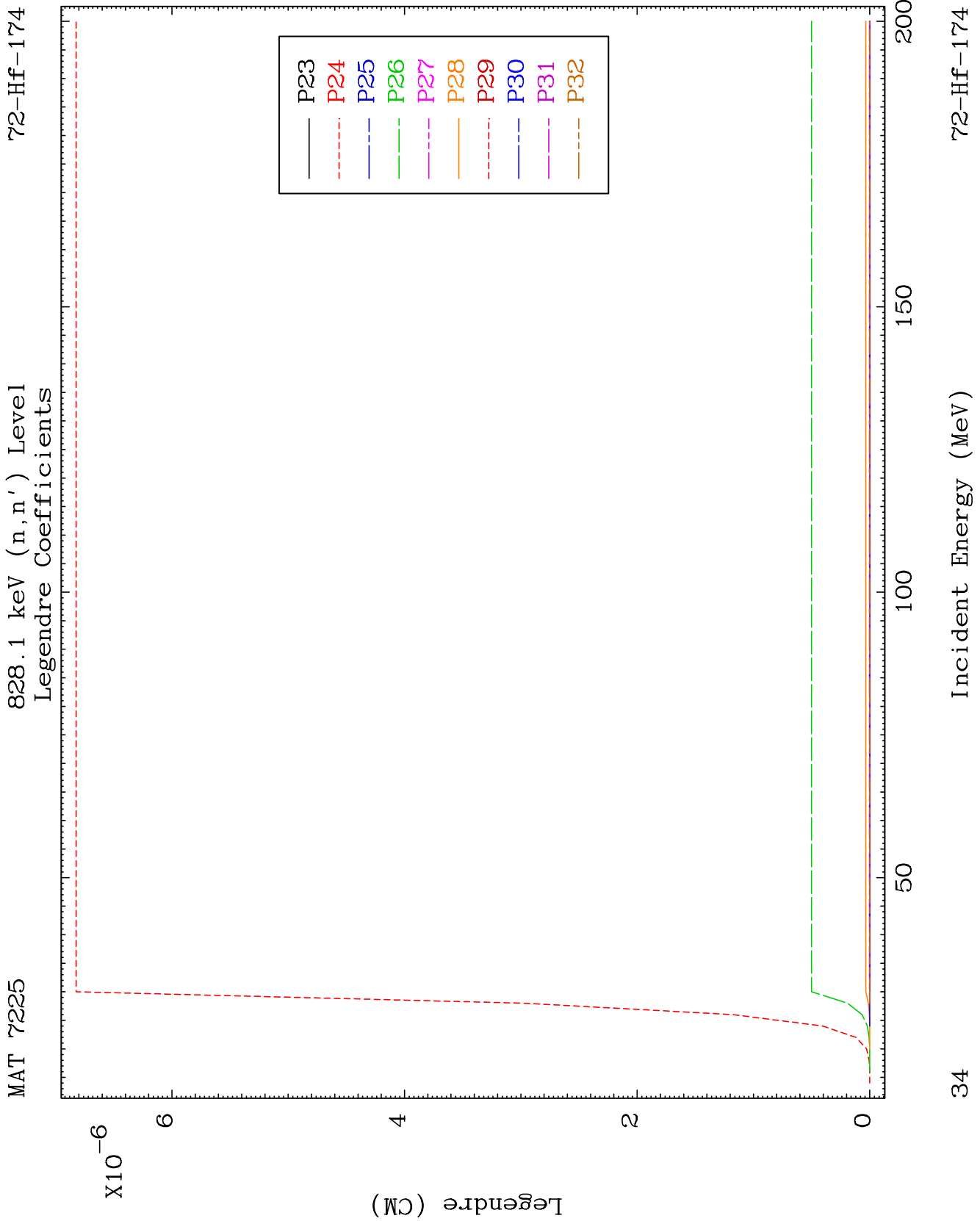
Incident Energy (MeV)

72-Hf-174





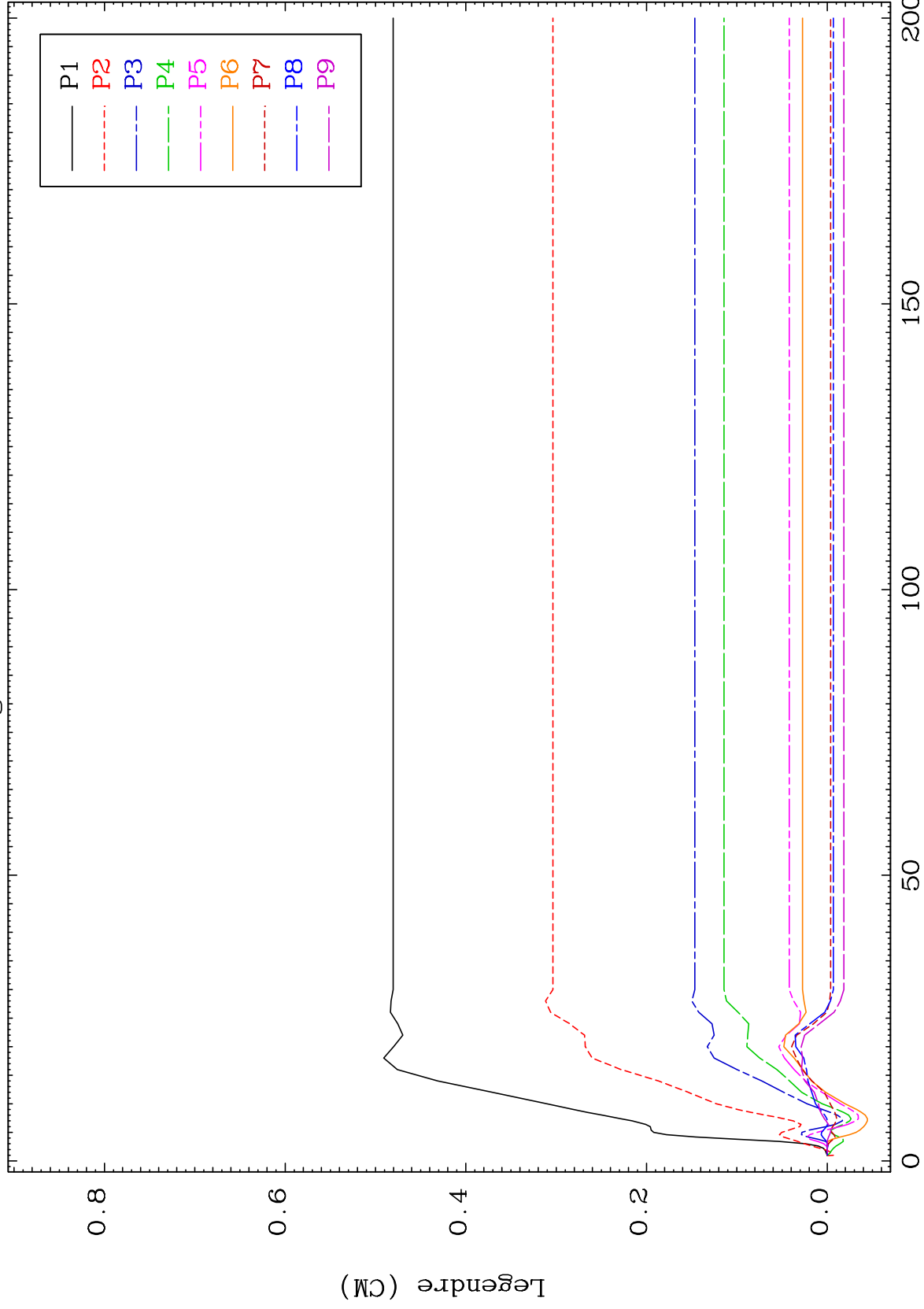




MAT 7225

900.2 keV (n,n') Level
Legendre Coefficients

72-Hf-174



35

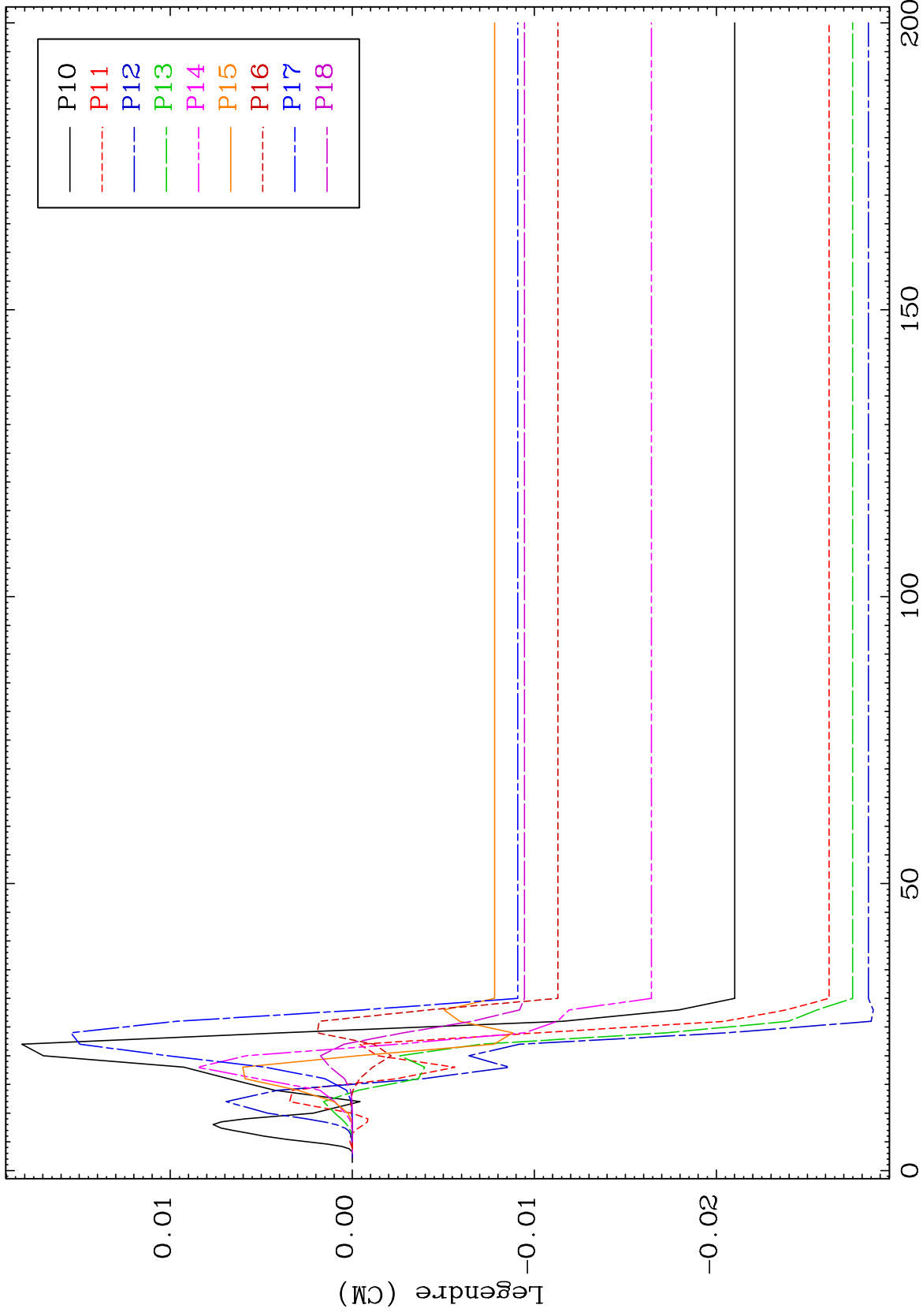
Incident Energy (MeV)

72-Hf-174

MAT 7225

900.2 keV (n,n') Level
Legendre Coefficients

72-Hf-174



36

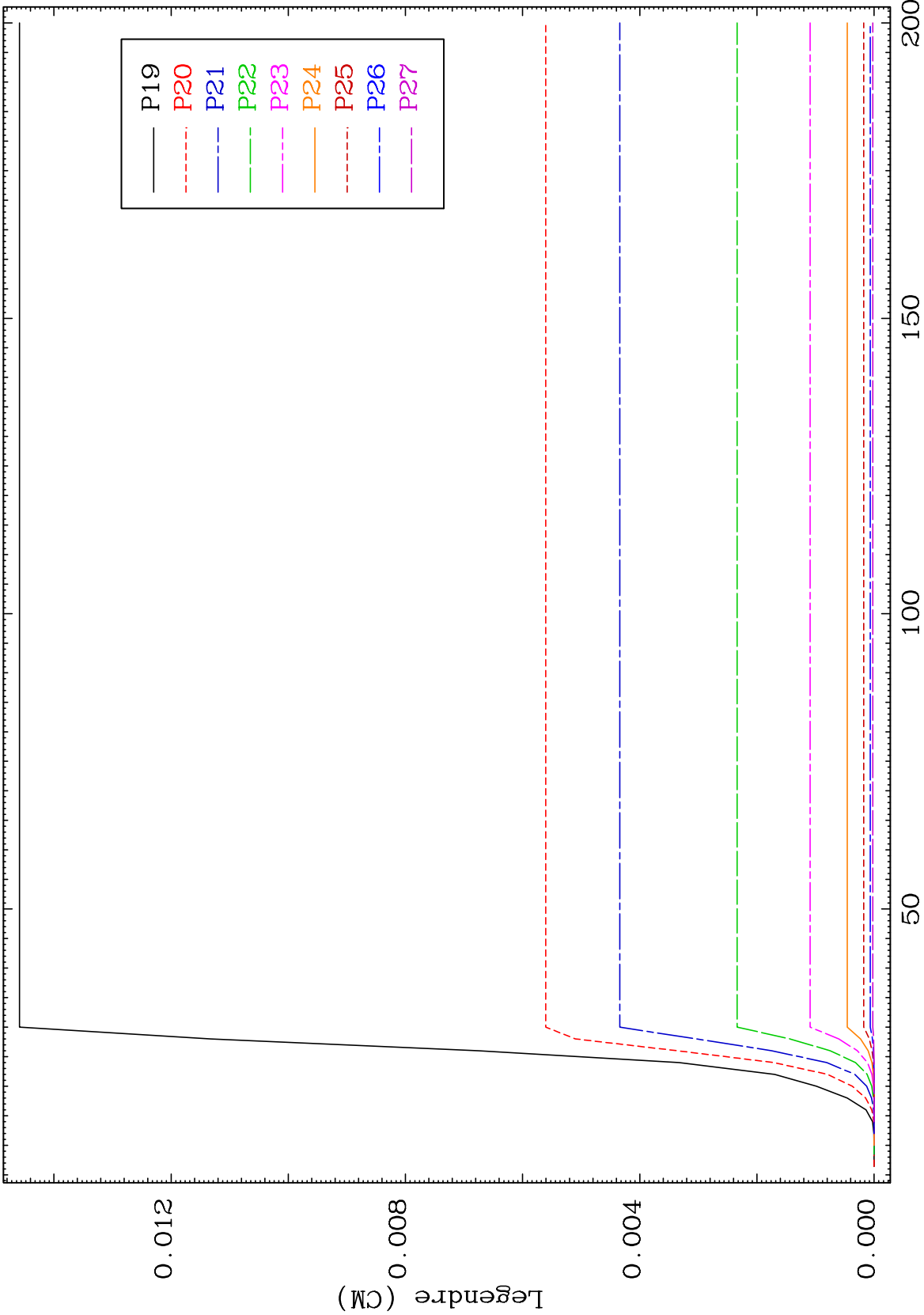
Incident Energy (MeV)

72-Hf-174

MAT 7225

900.2 keV (n,n') Level
Legendre Coefficients

72-Hf-174



37

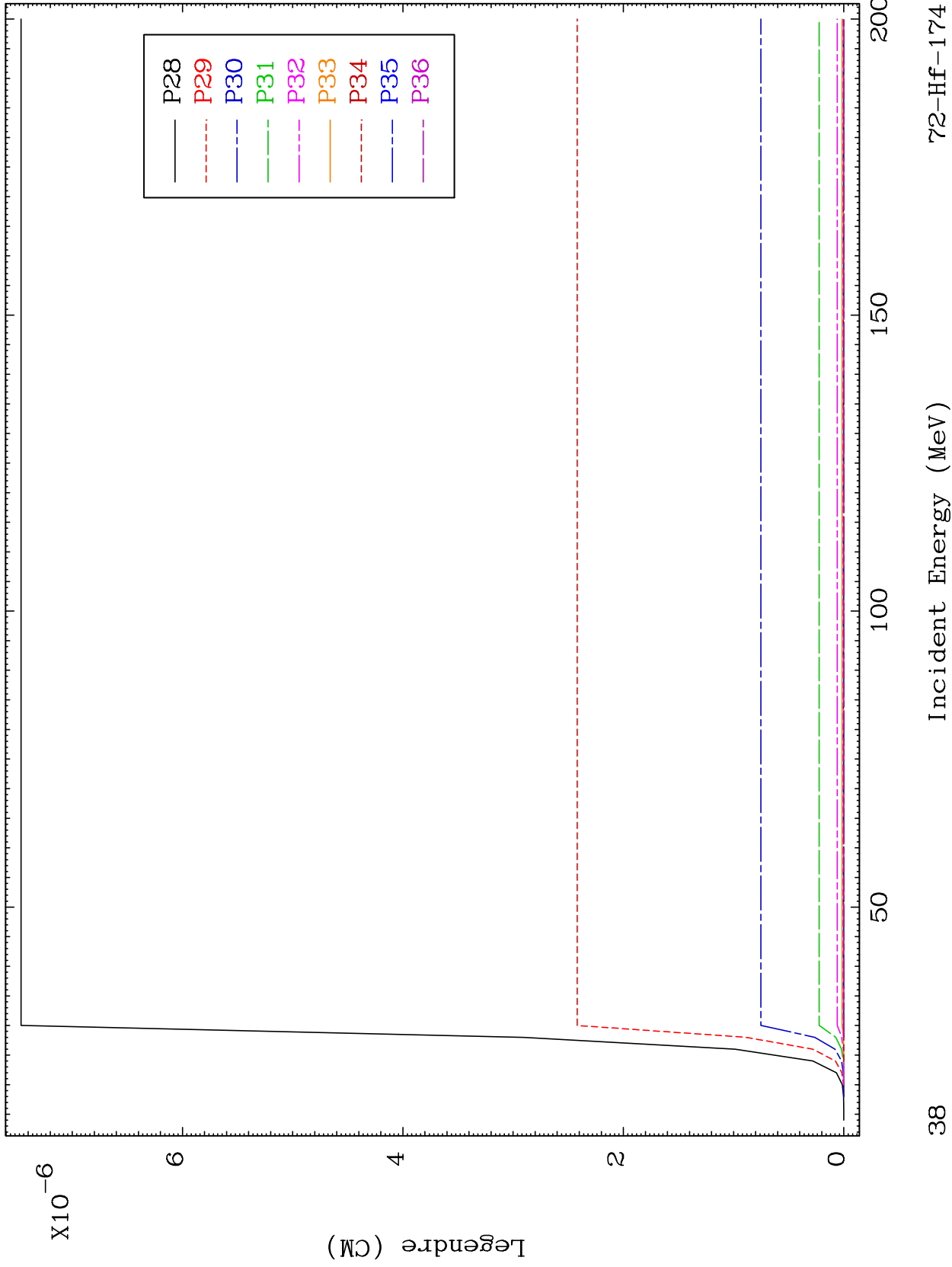
Incident Energy (MeV)

72-Hf-174

MAT 7225

900.2 keV (n,n') Level
Legendre Coefficients

72-Hf-174



38

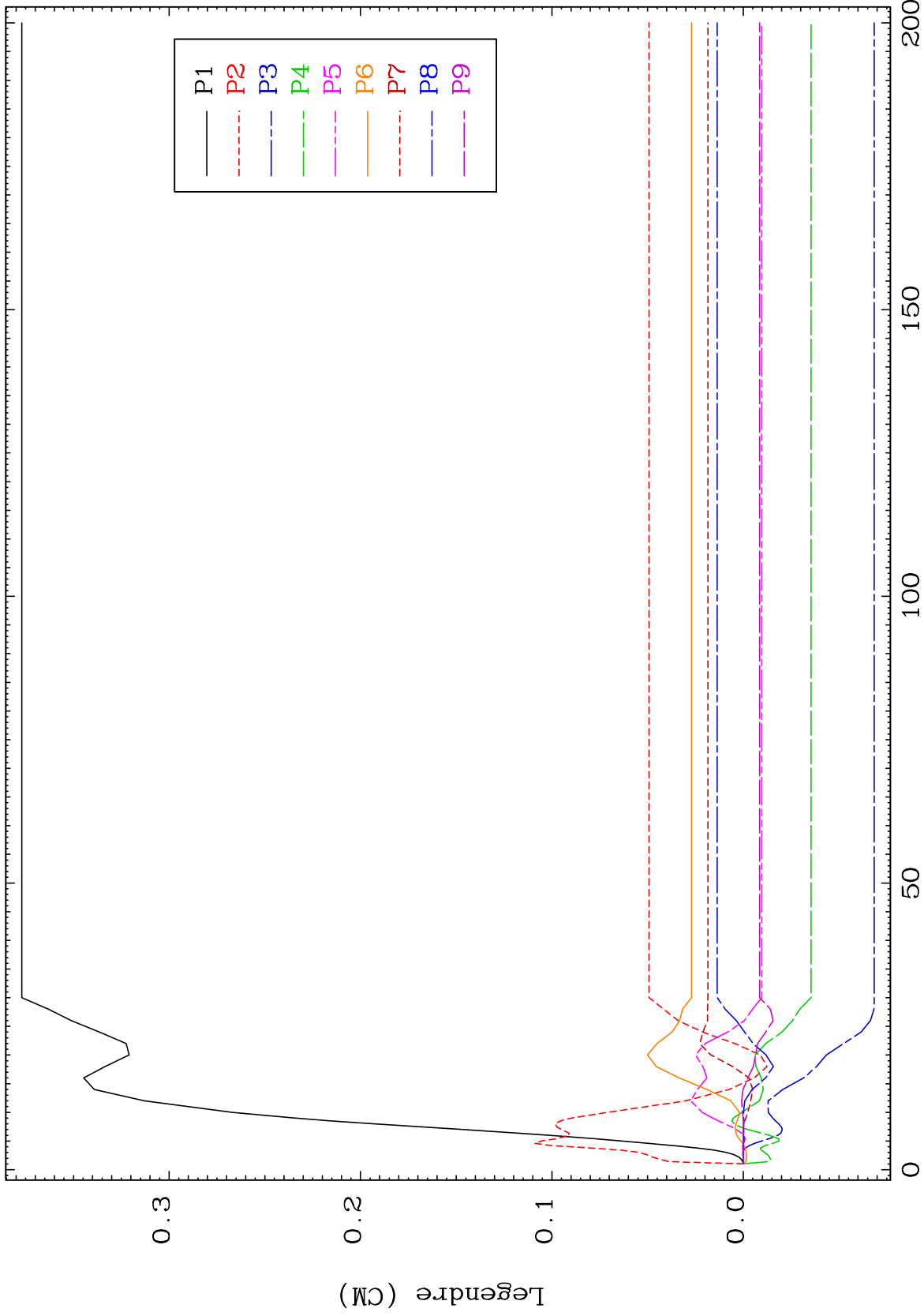
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.010 MeV (n,n') Level
Legendre Coefficients

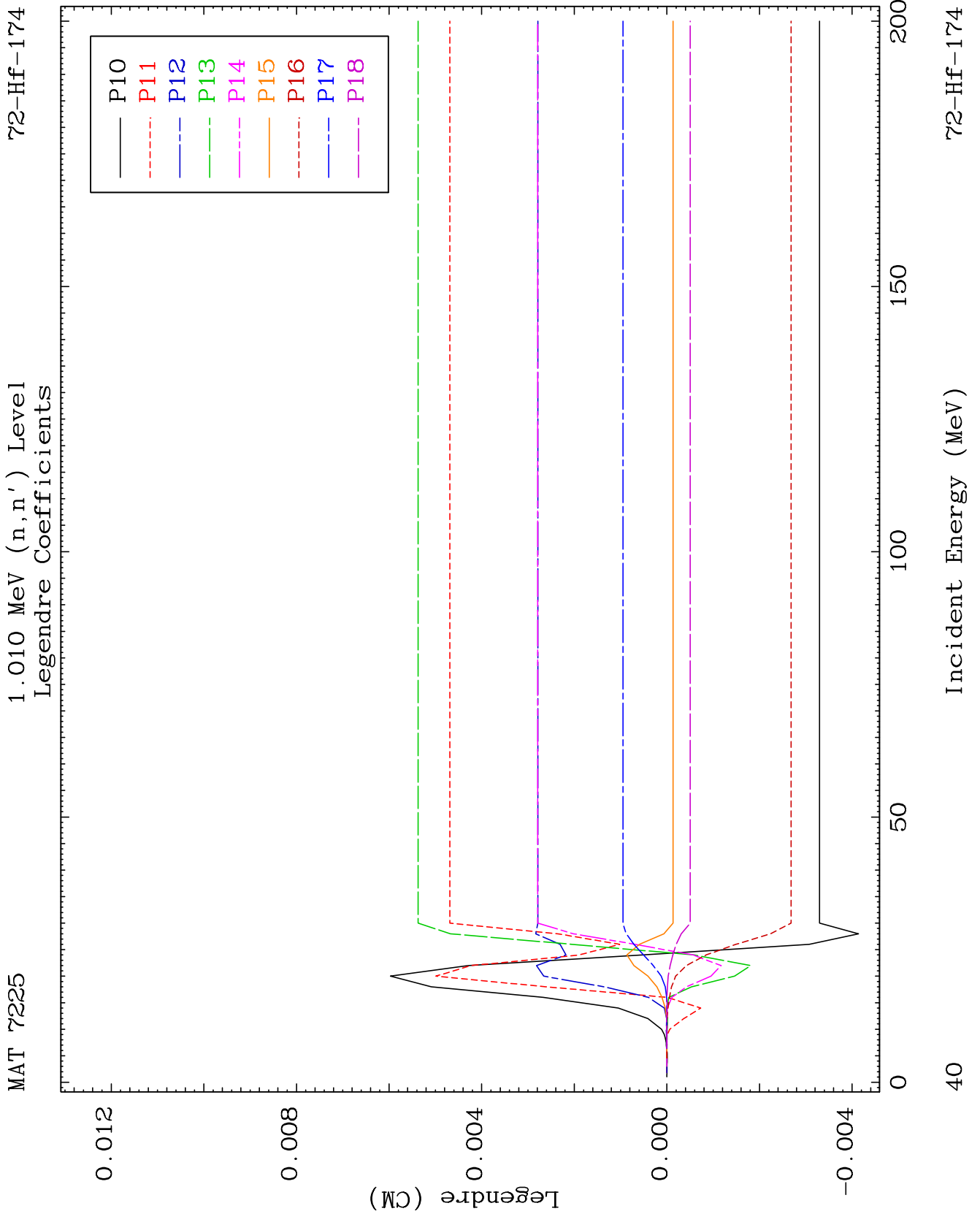
72-Hf-174



39

Incident Energy (MeV)

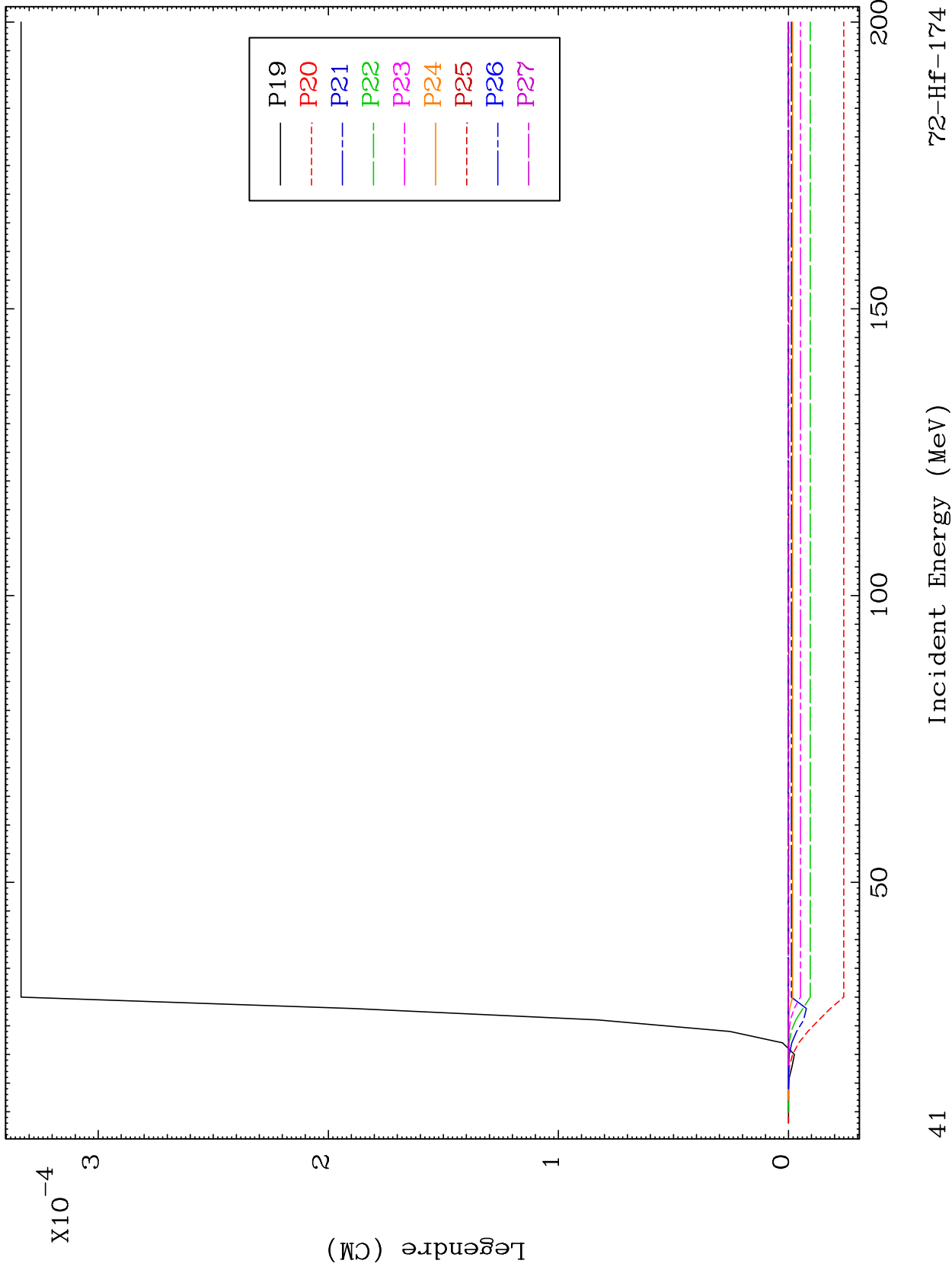
72-Hf-174



MAT 7225

1.010 MeV (n,n') Level
Legendre Coefficients

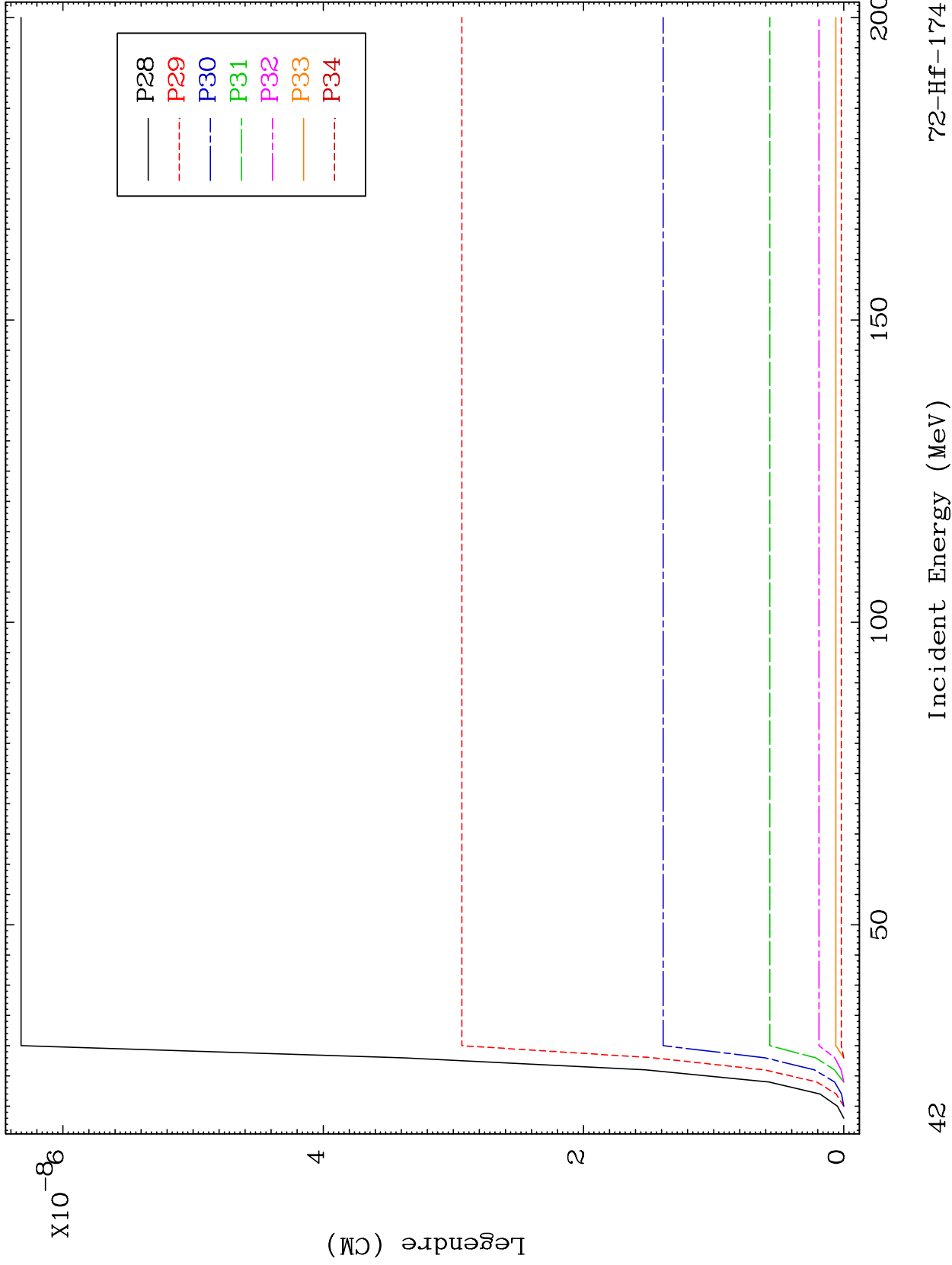
72-Hf-174



MAT 7225

1.010 MeV (n,n') Level
Legendre Coefficients

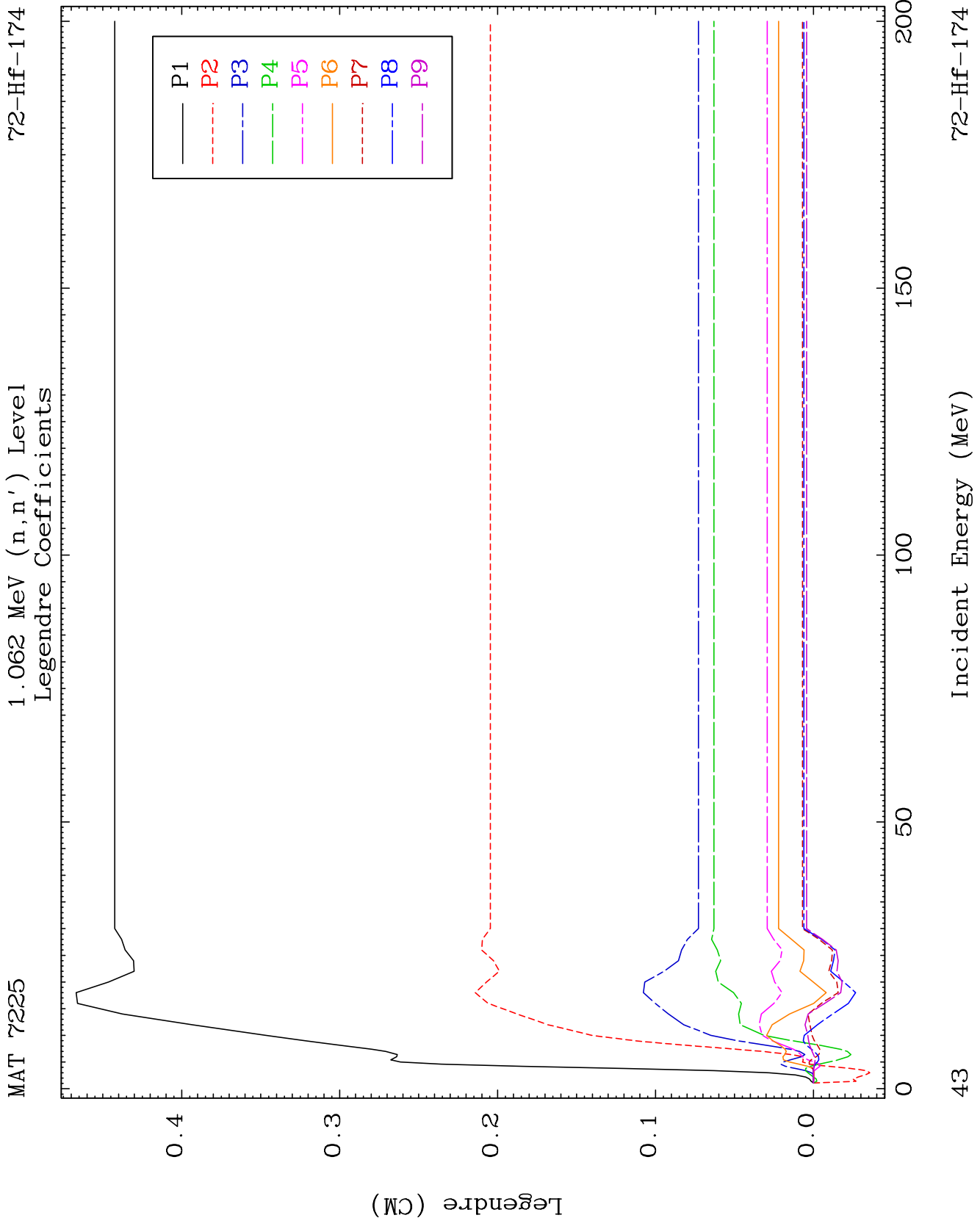
72-Hf-174

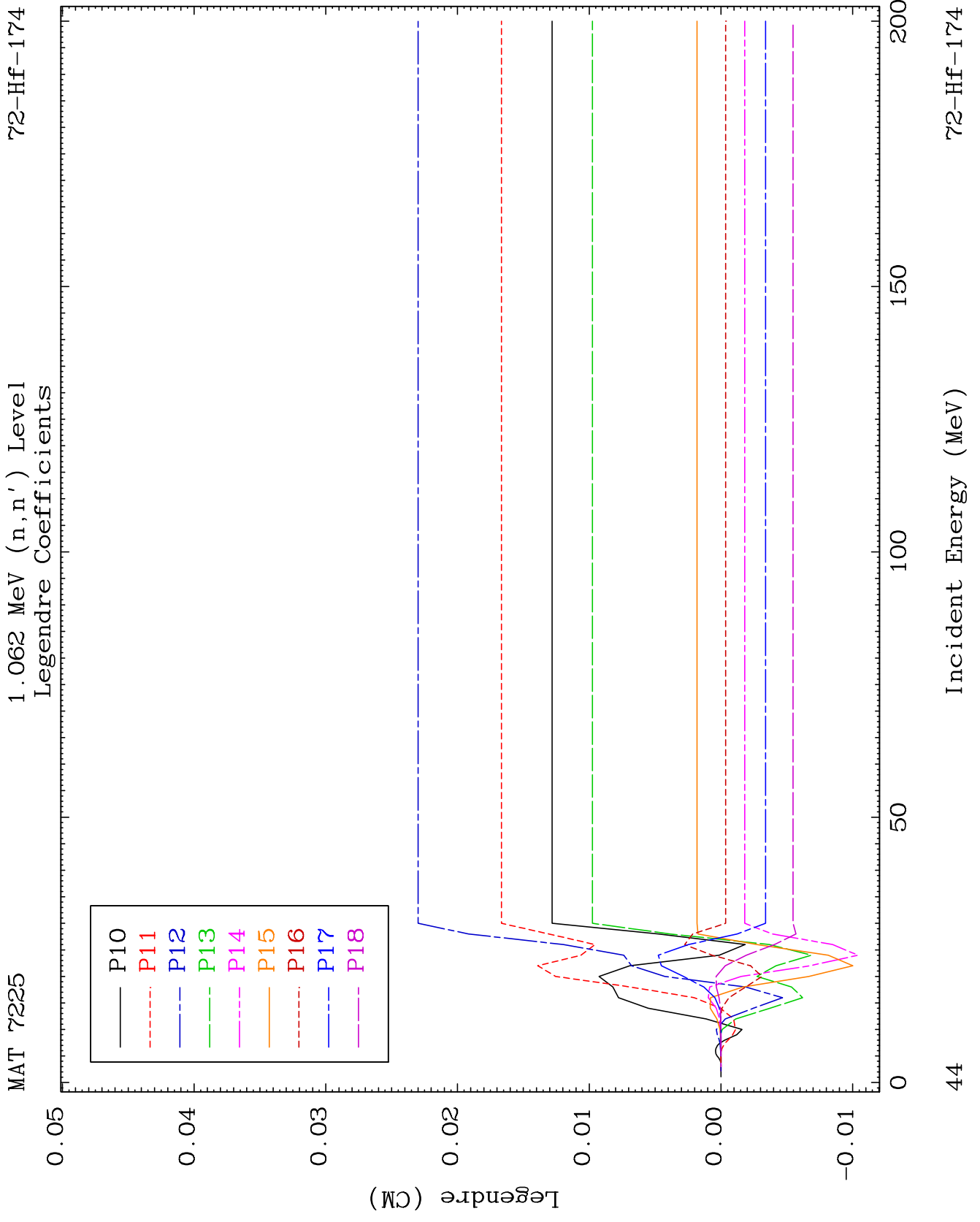


42

Incident Energy (MeV)

72-Hf-174

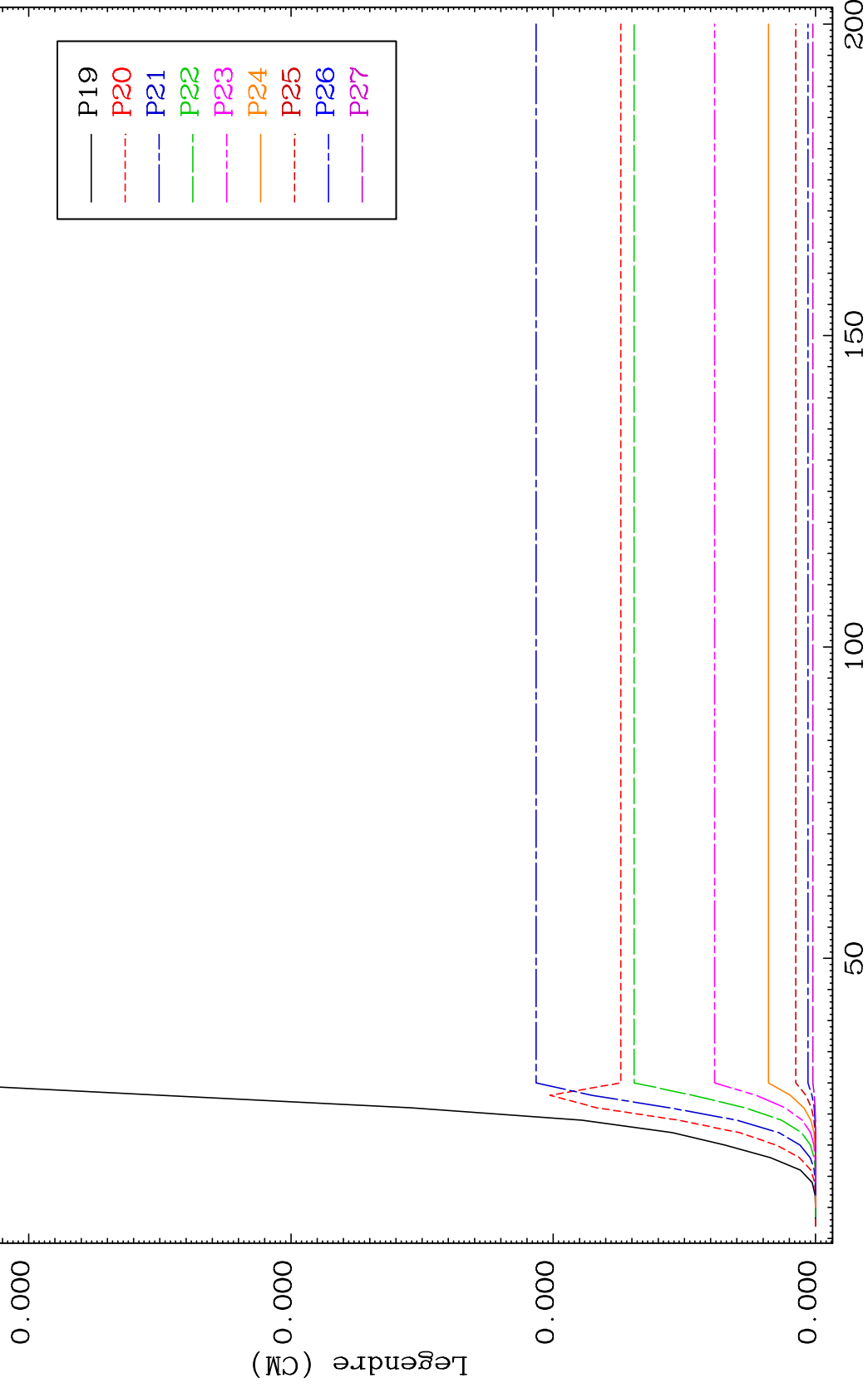




MAT 7225

1.062 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



45

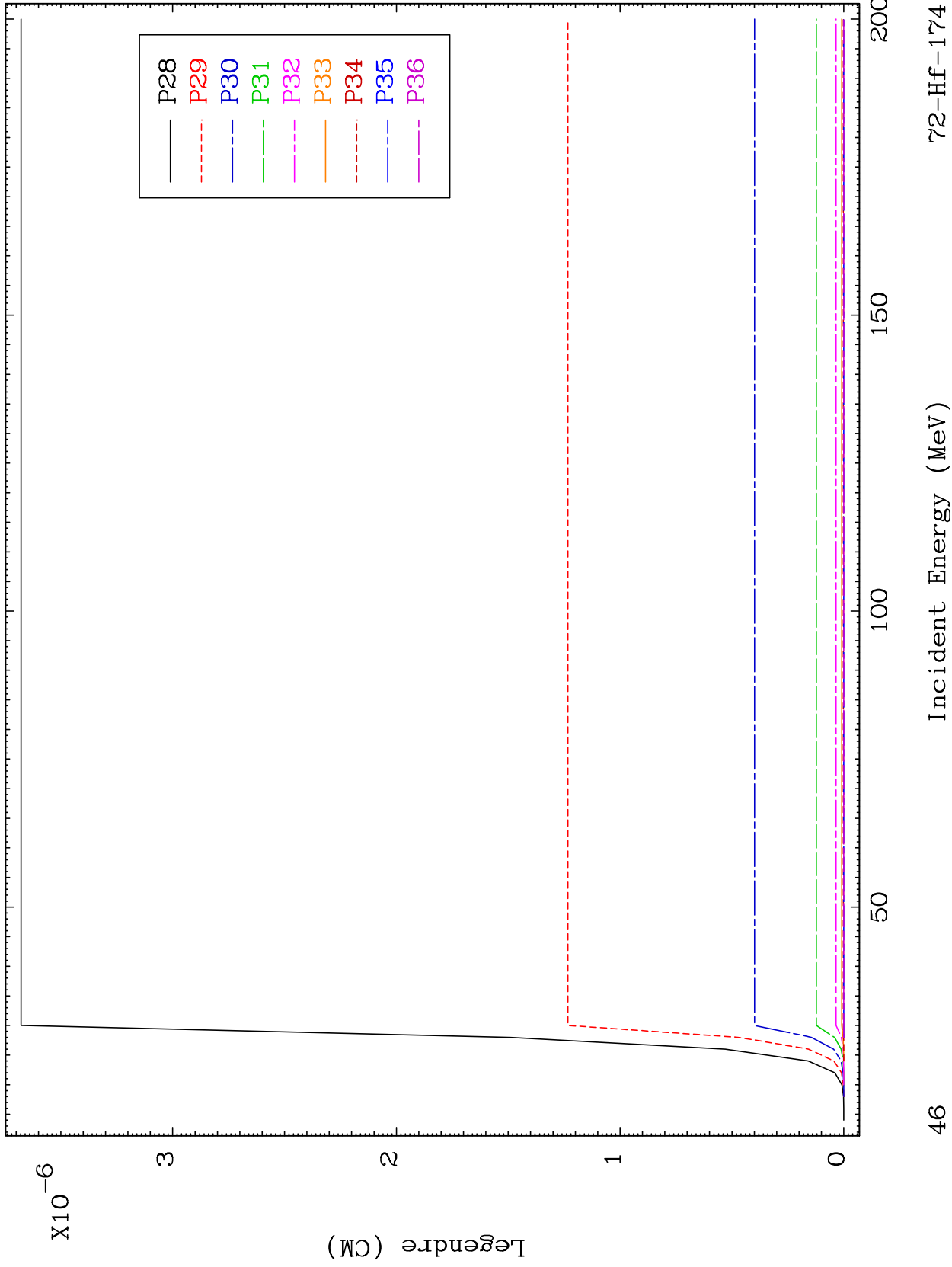
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.062 MeV (n,n') Level
Legendre Coefficients

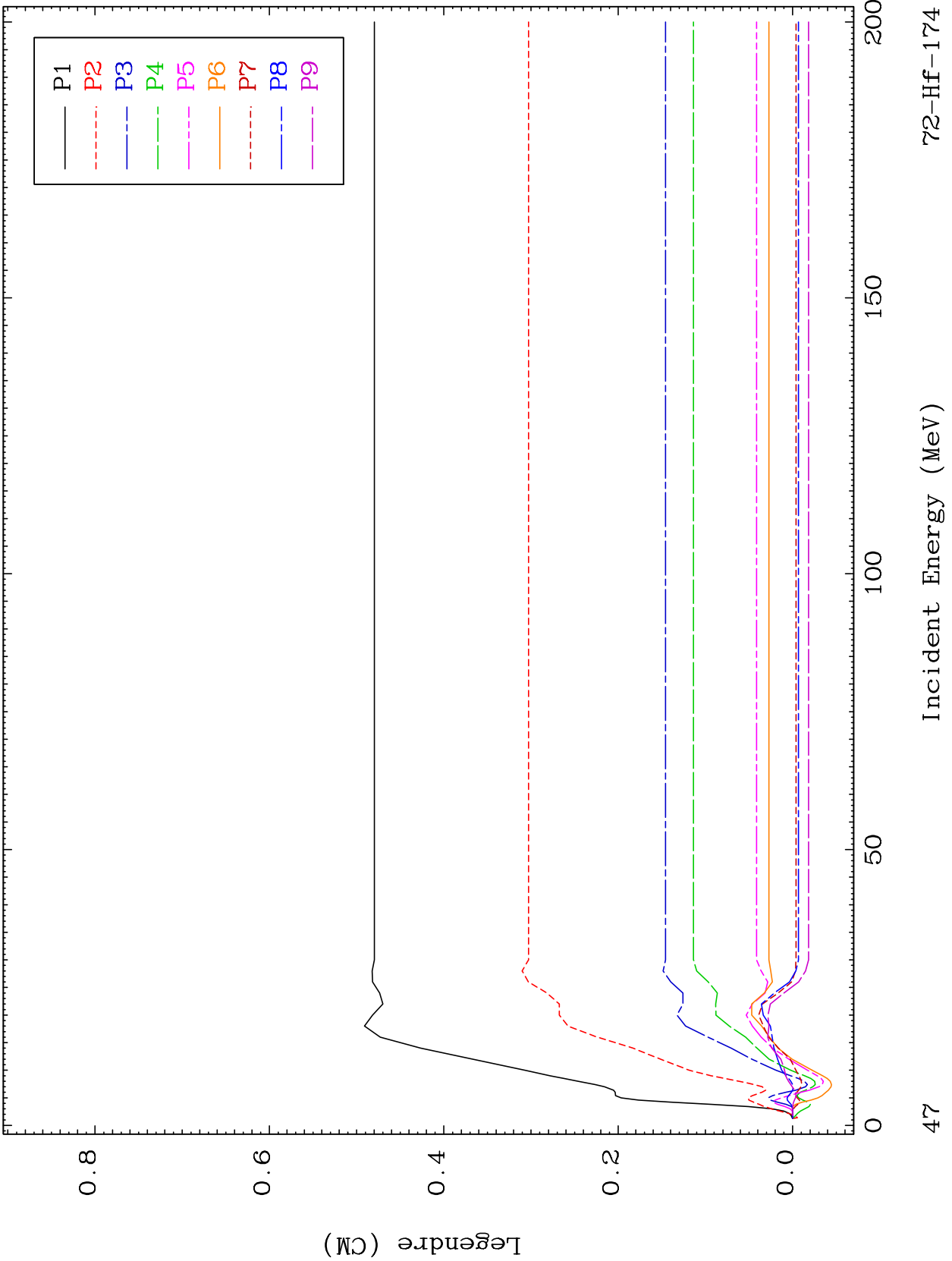
72-Hf-174



46

Incident Energy (MeV)

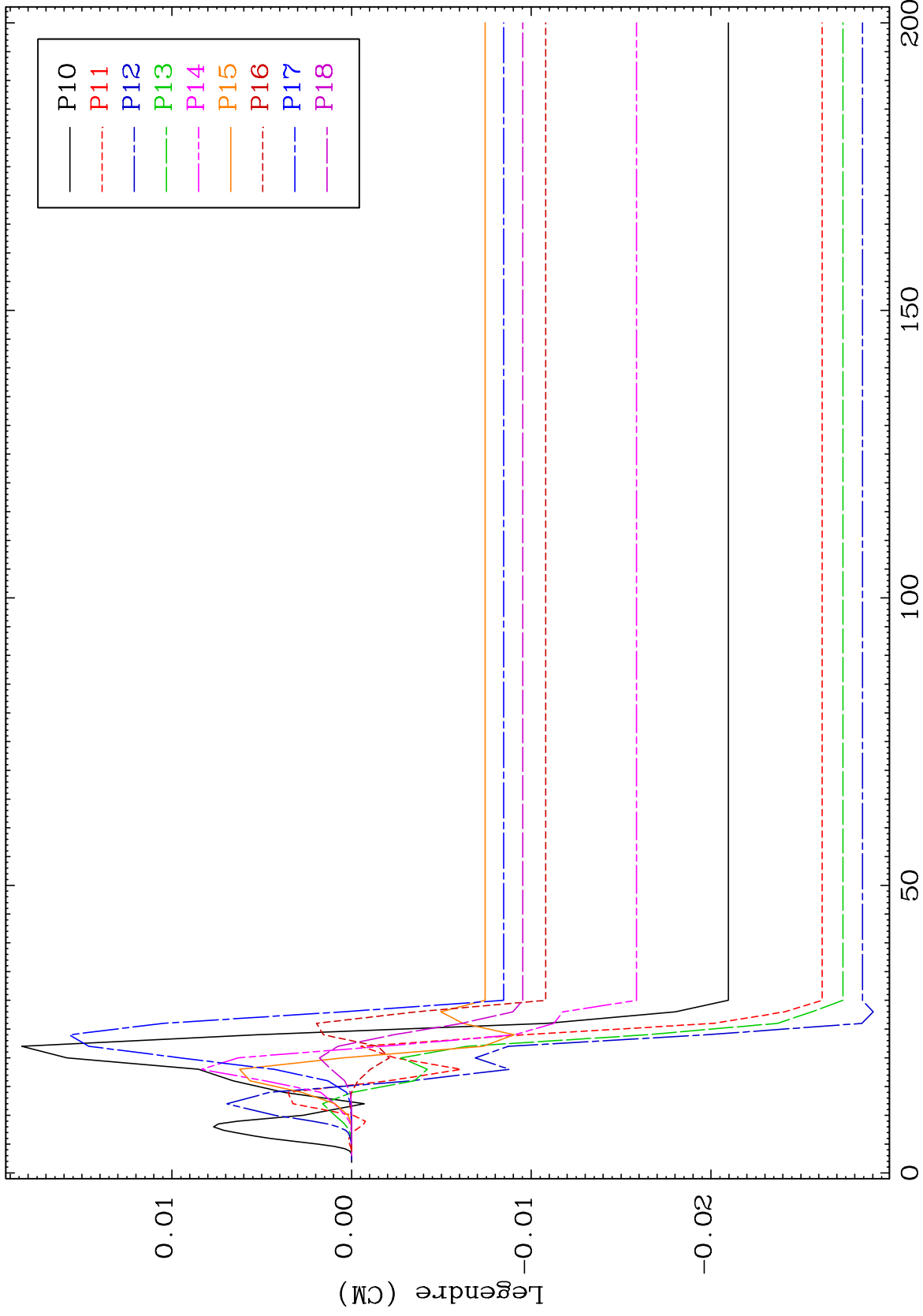
72-Hf-174



MAT 7225

1.227 MeV (n,n') Level
Legendre Coefficients

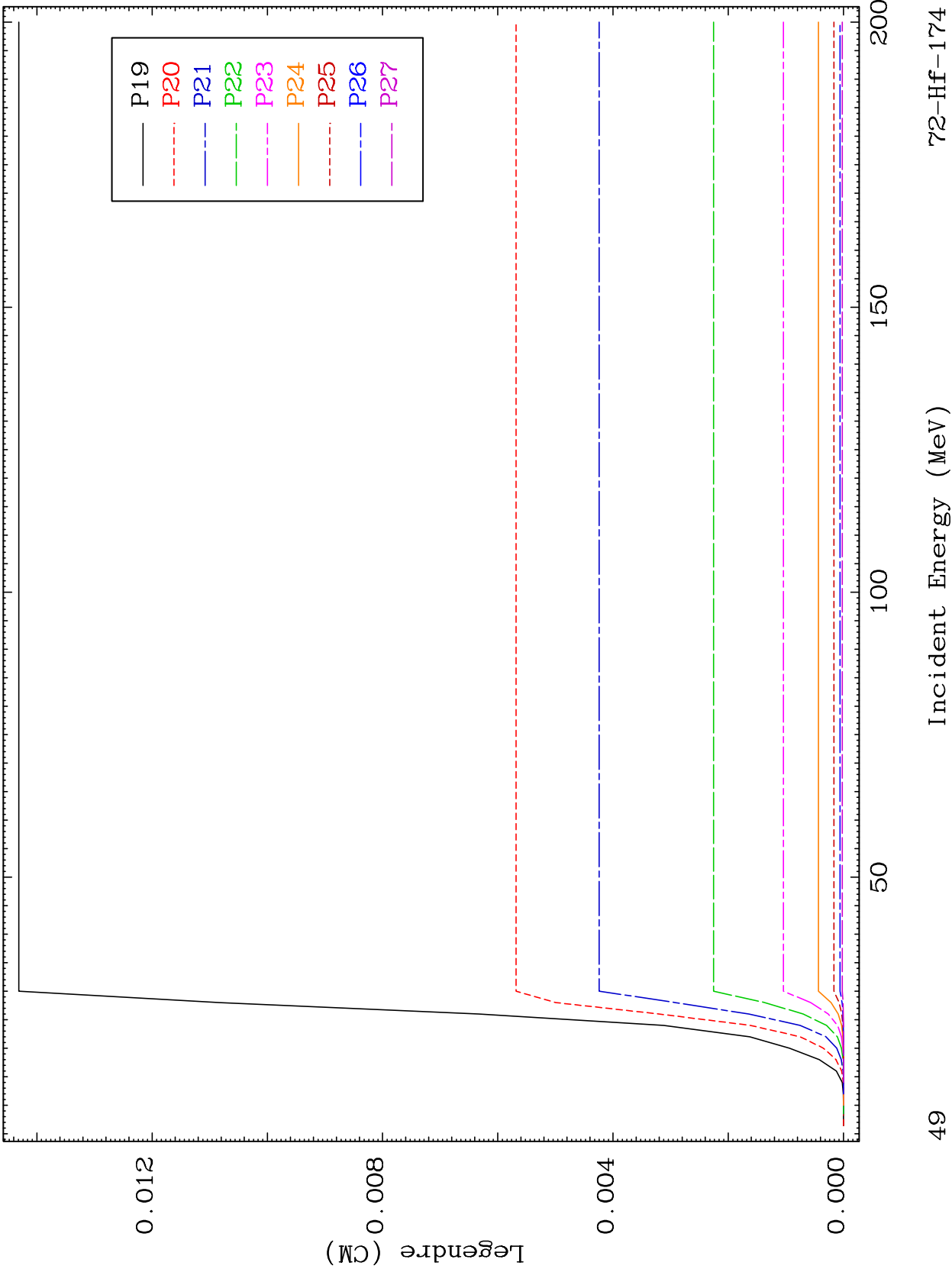
72-Hf-174



48

Incident Energy (MeV)

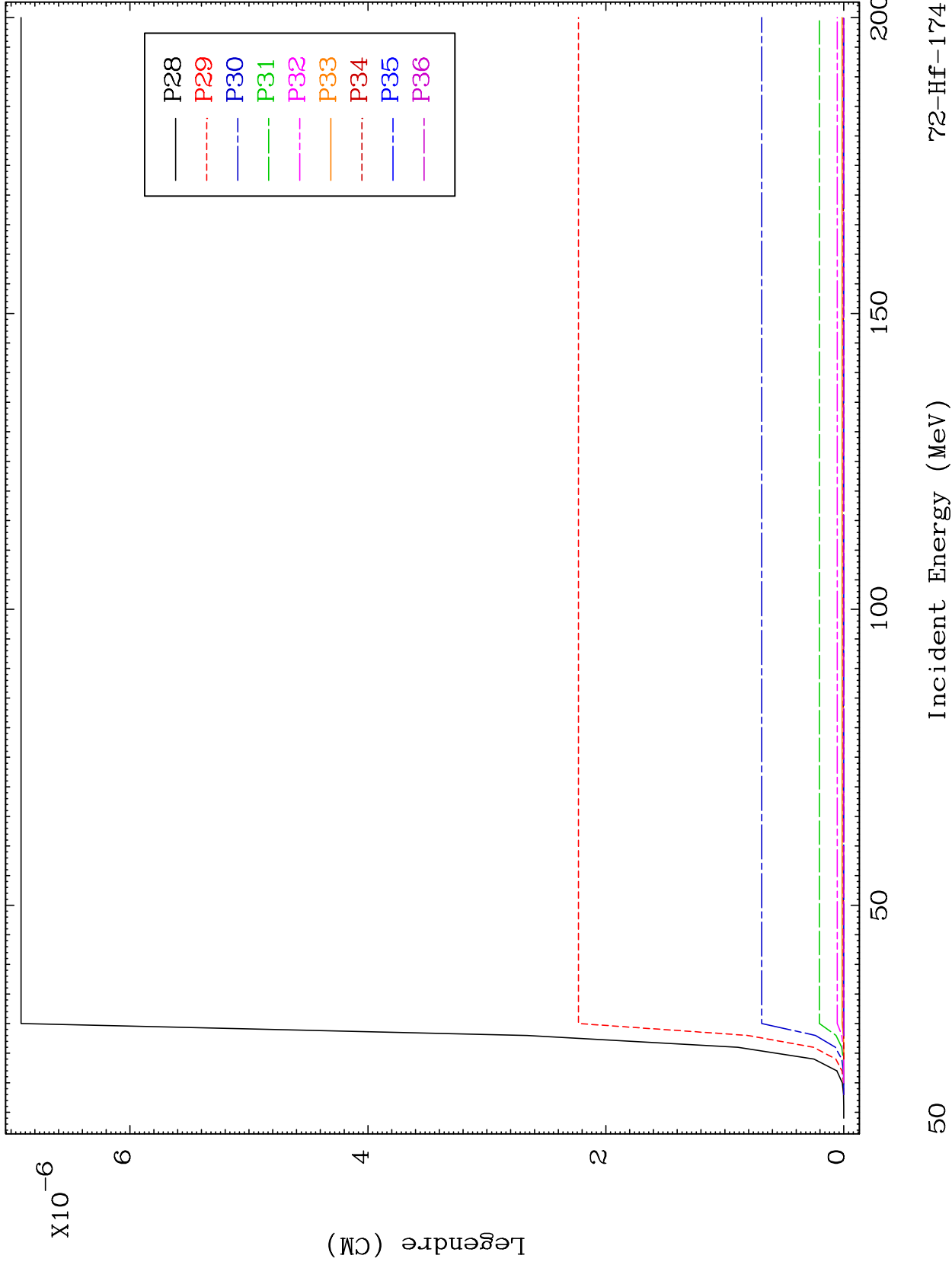
72-Hf-174



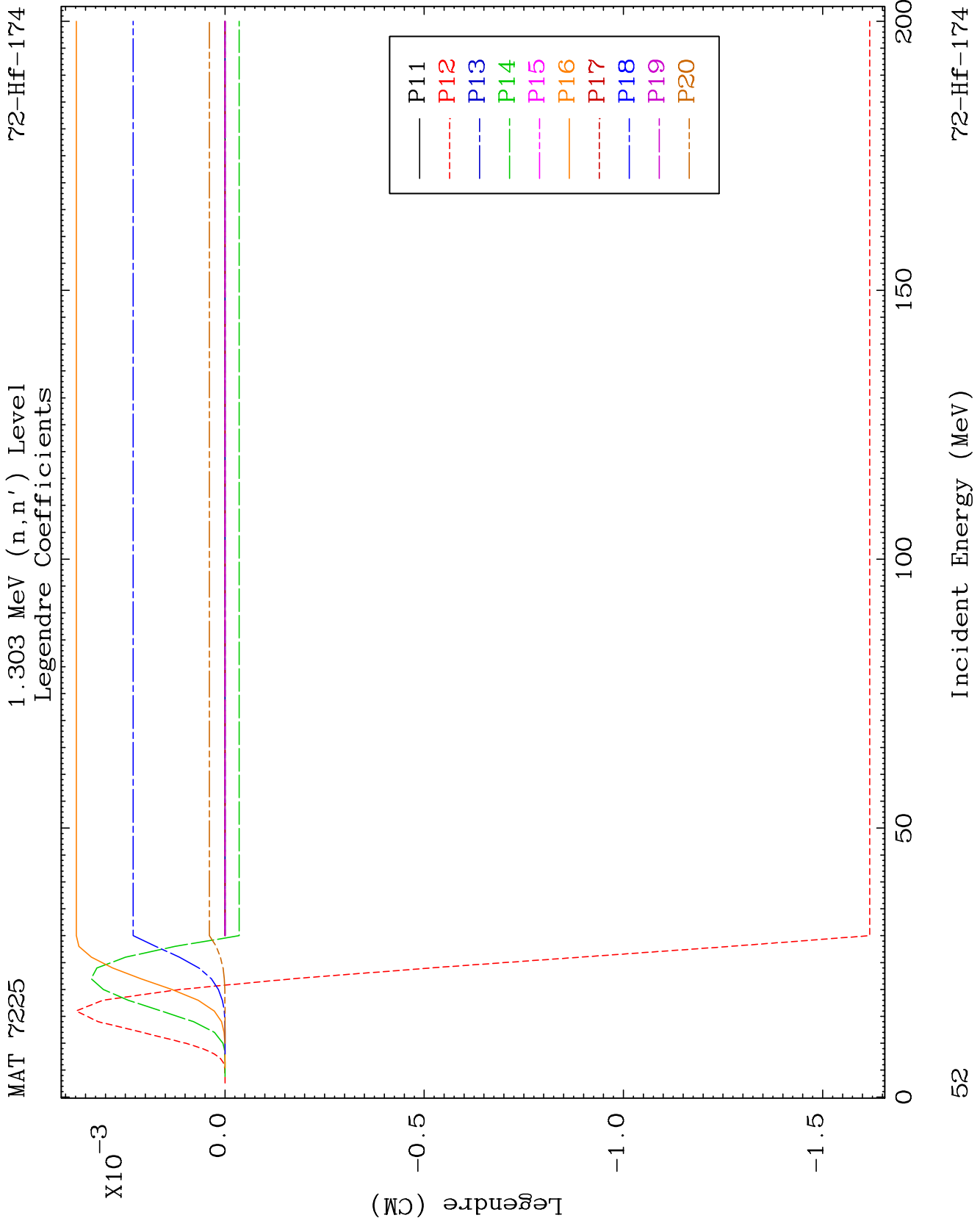
MAT 7225

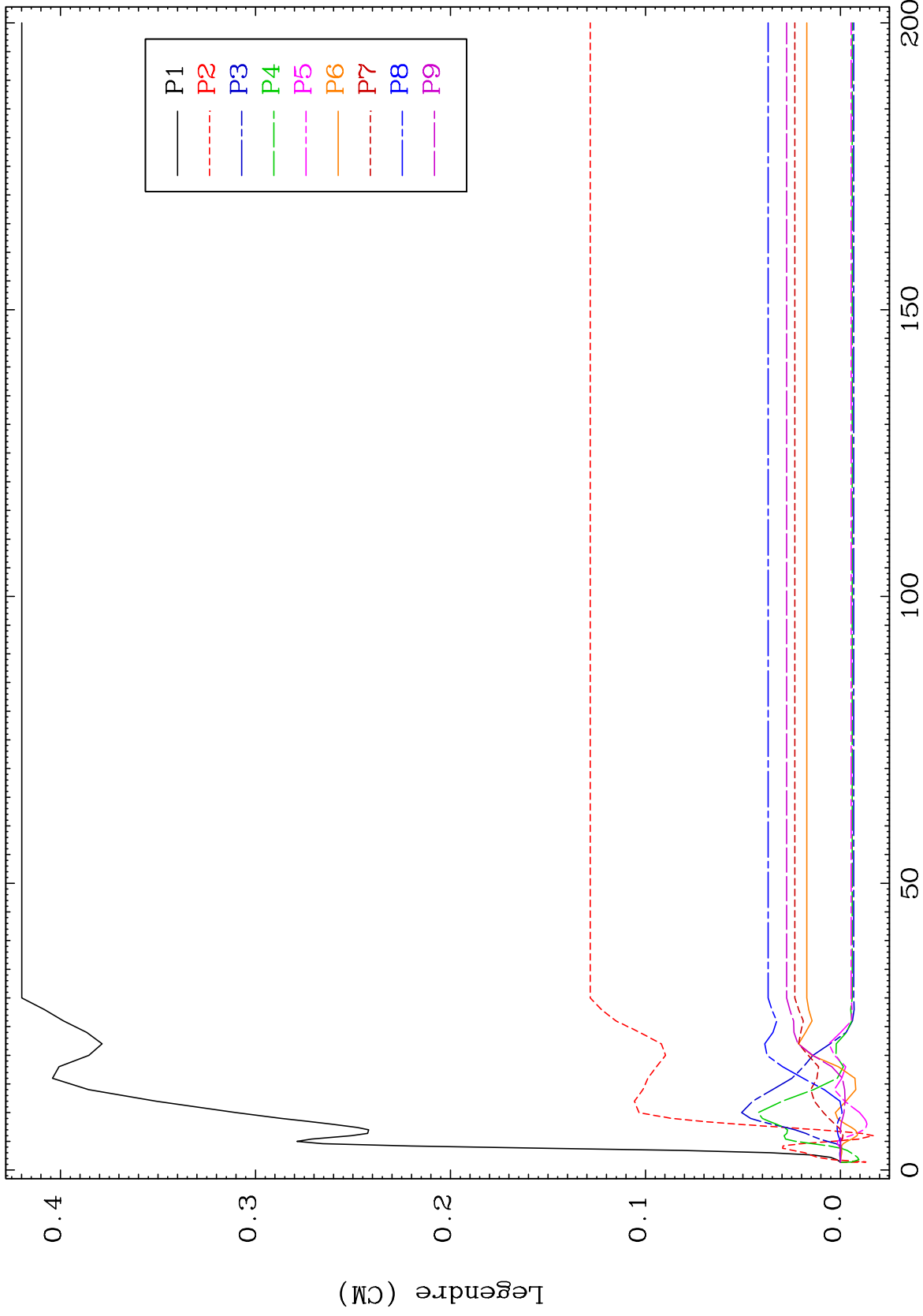
1.227 MeV (n,n') Level
Legendre Coefficients

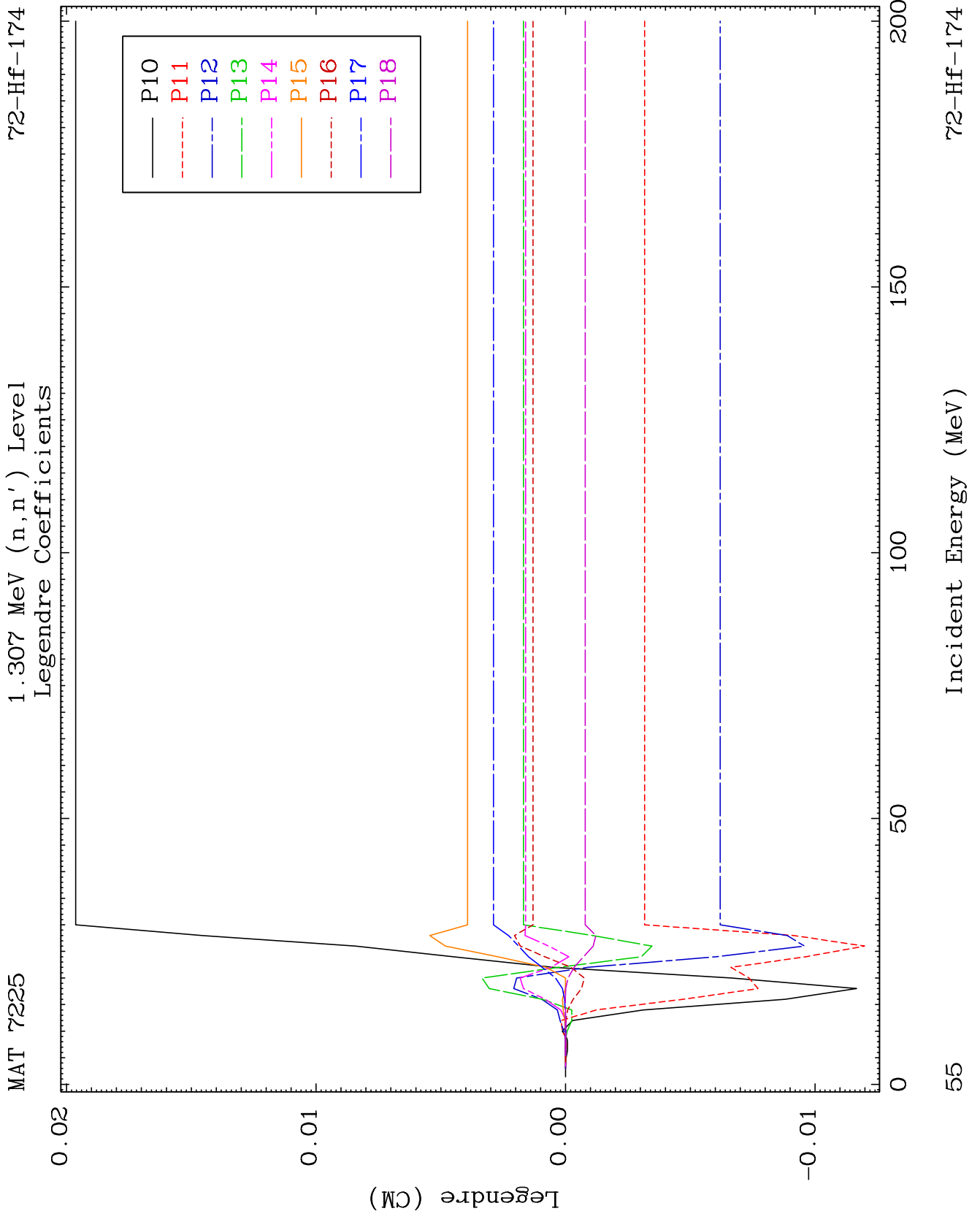
72-Hf-174

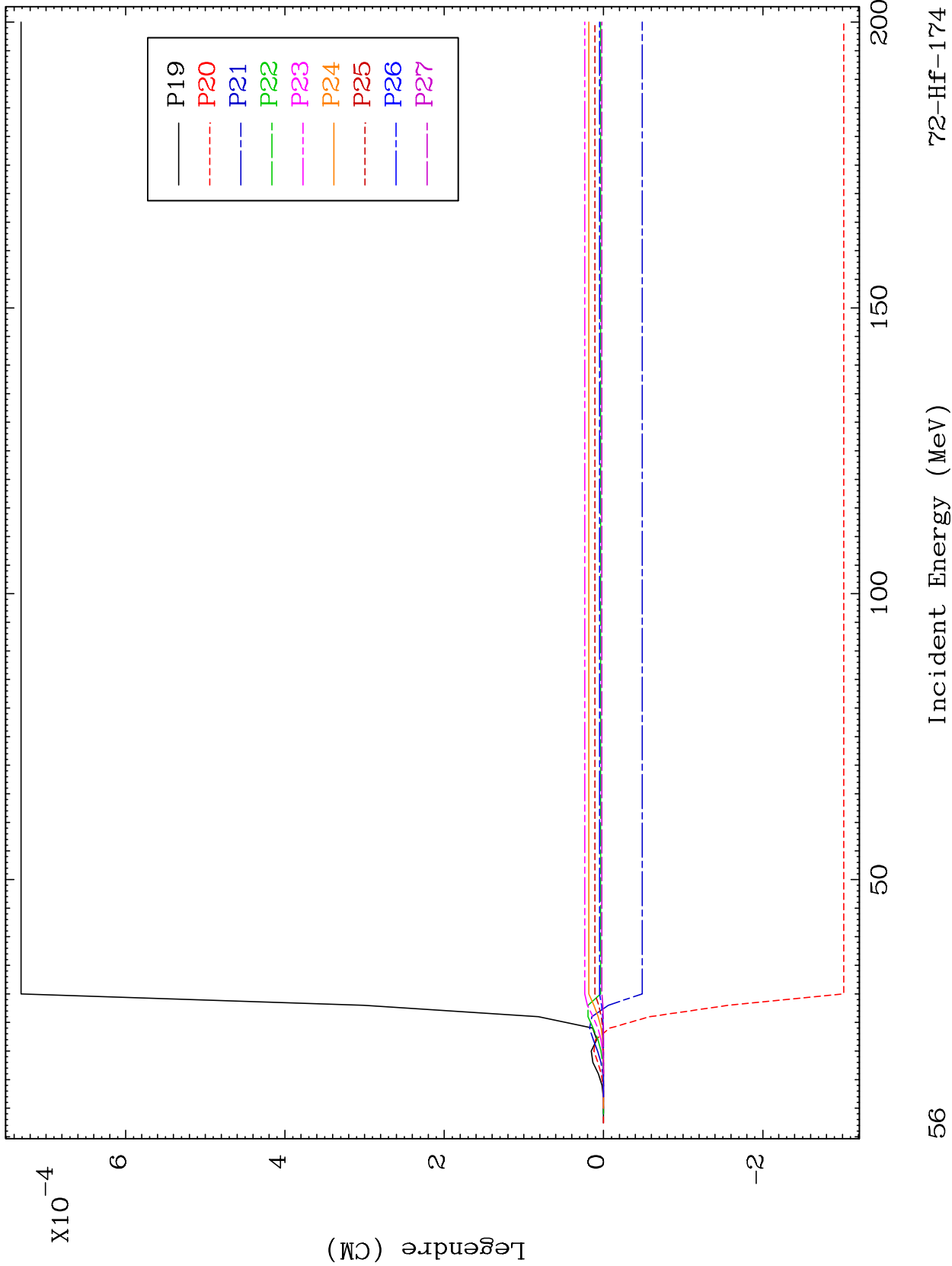


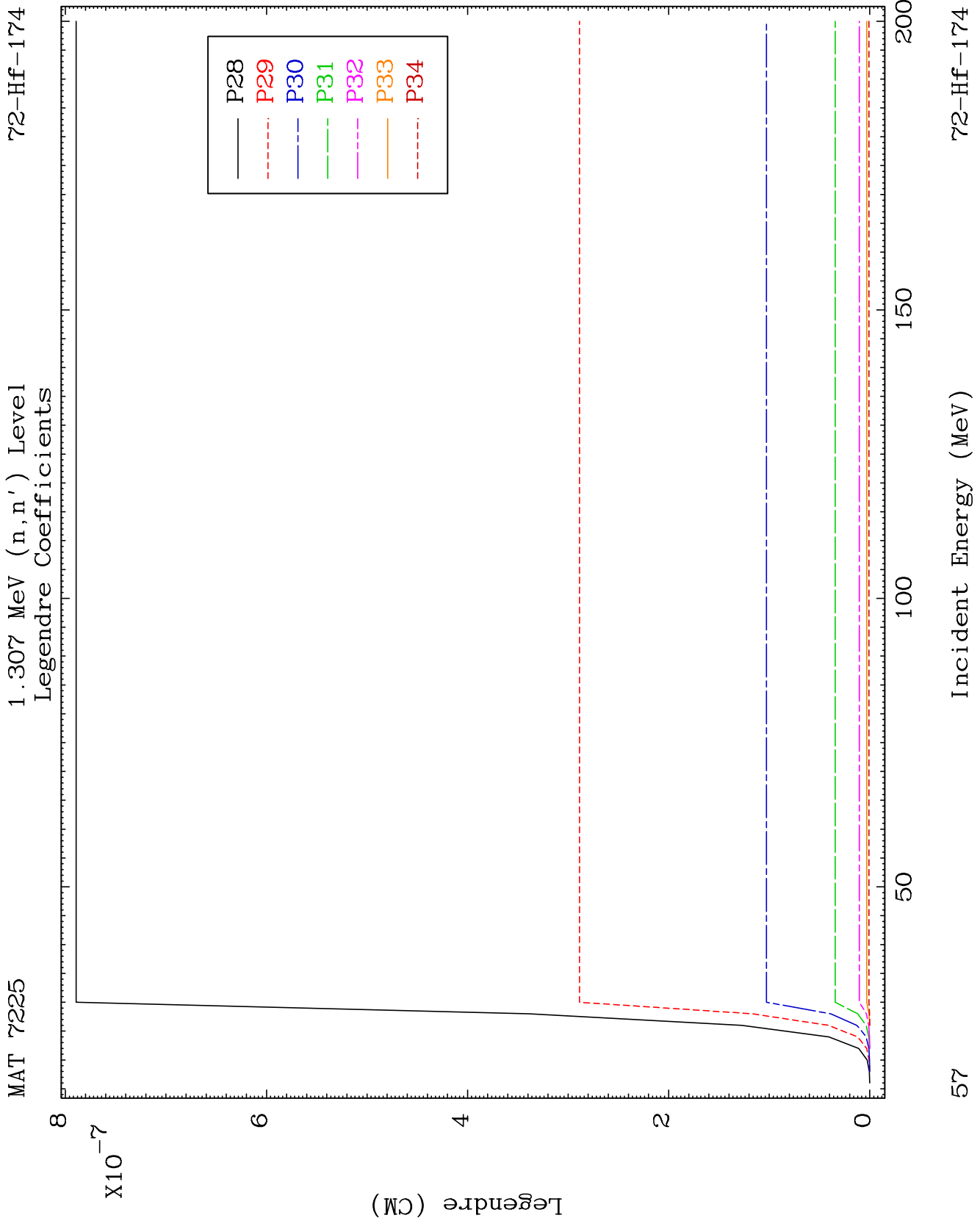
72-Hf-174

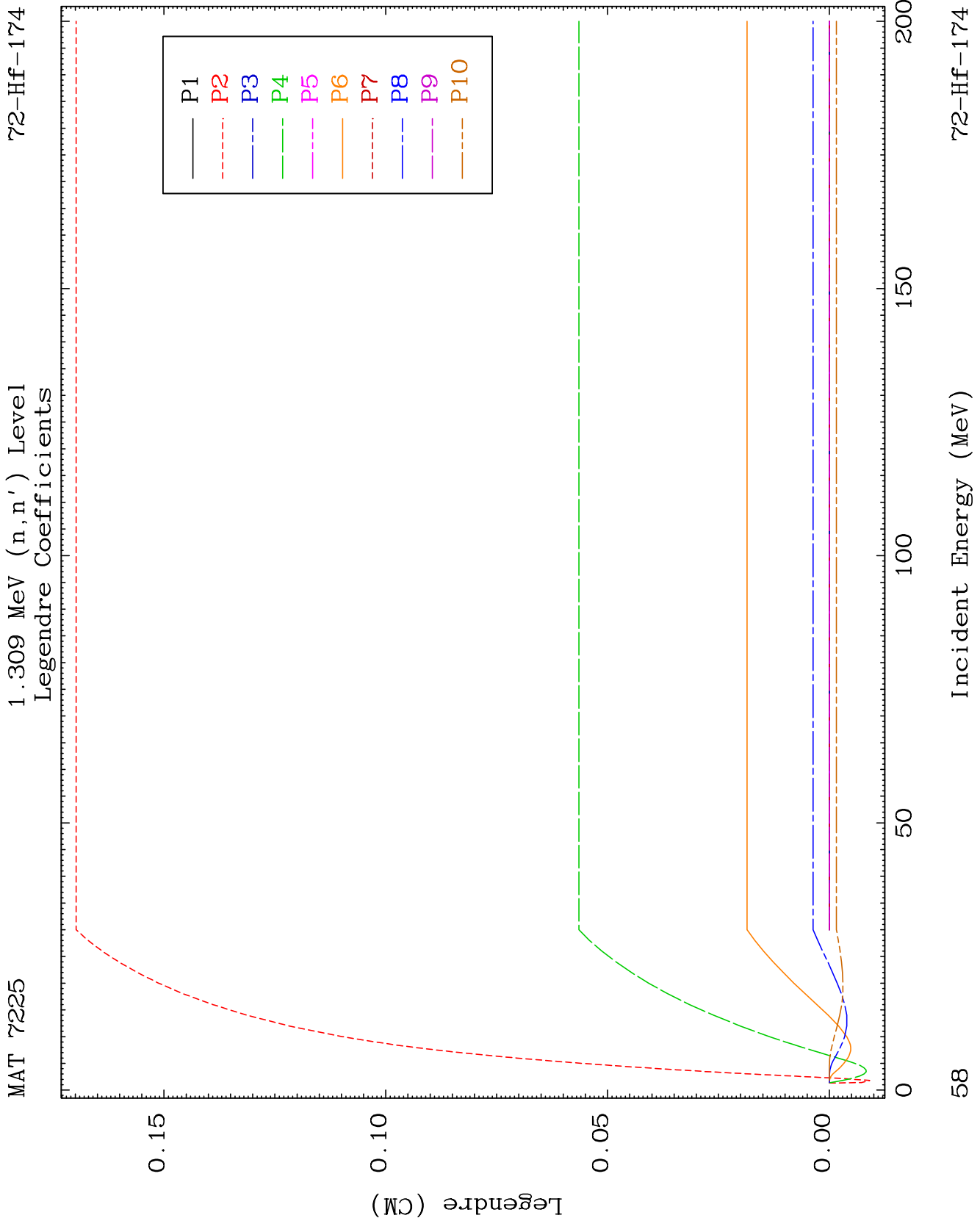


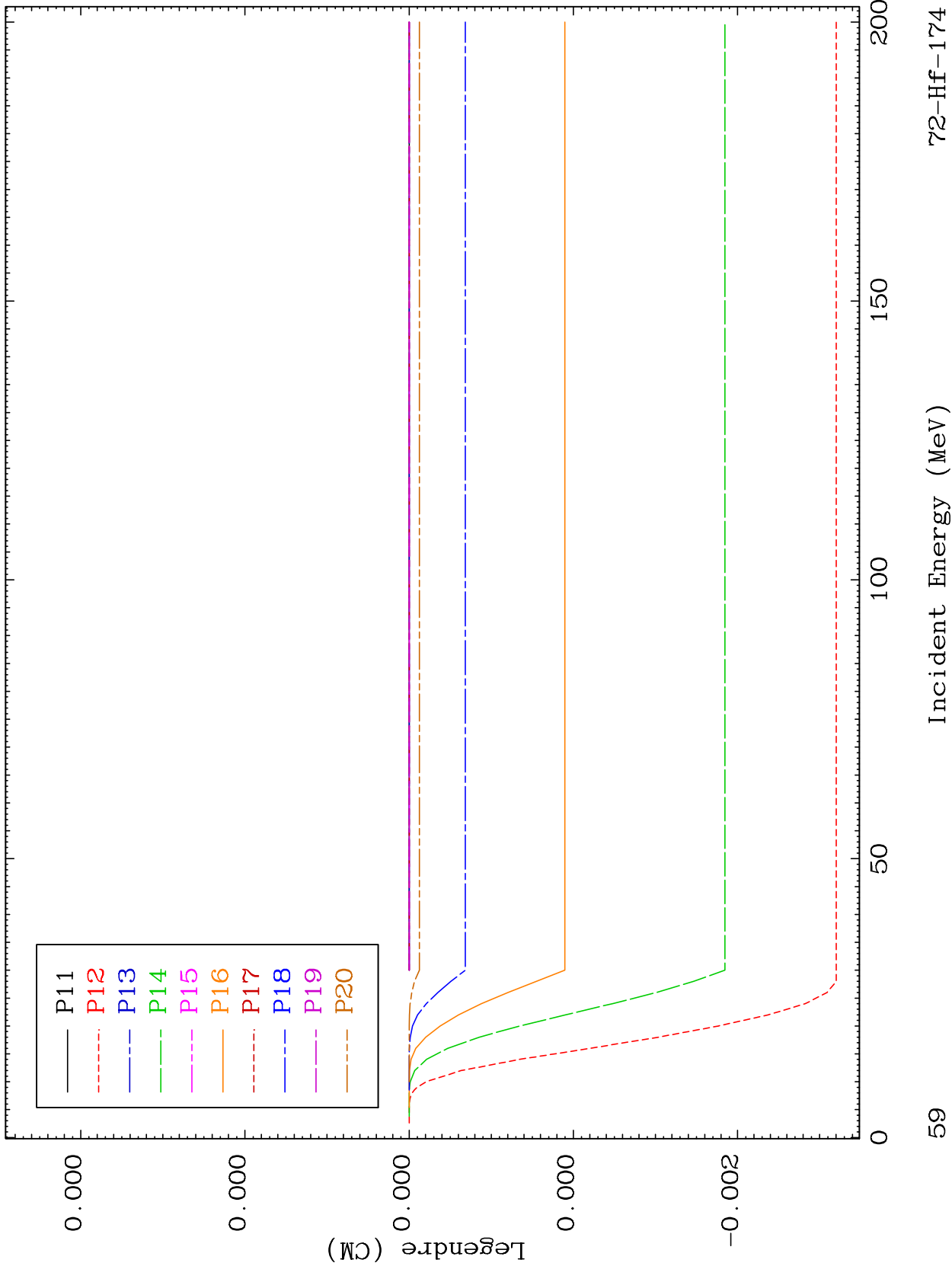


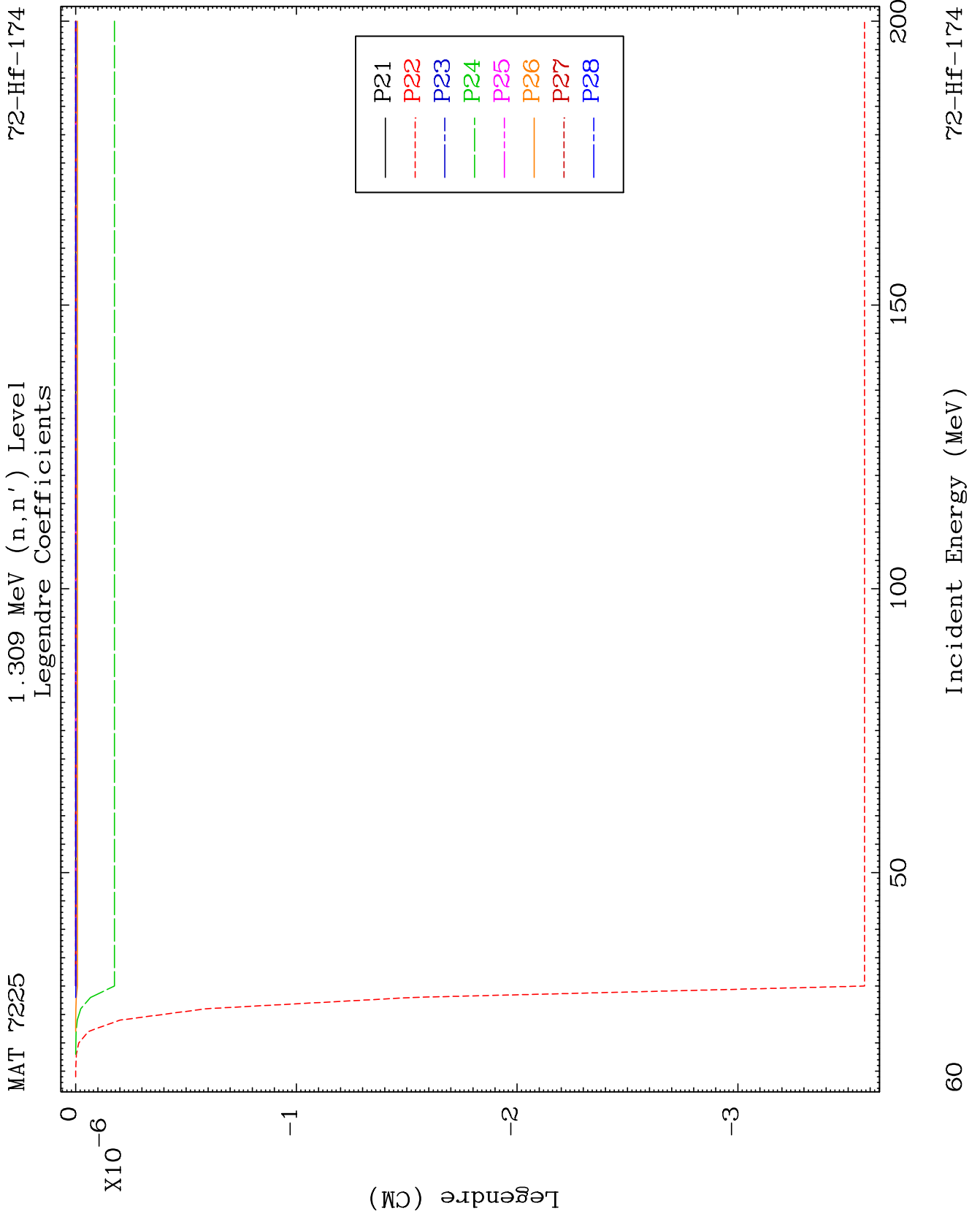








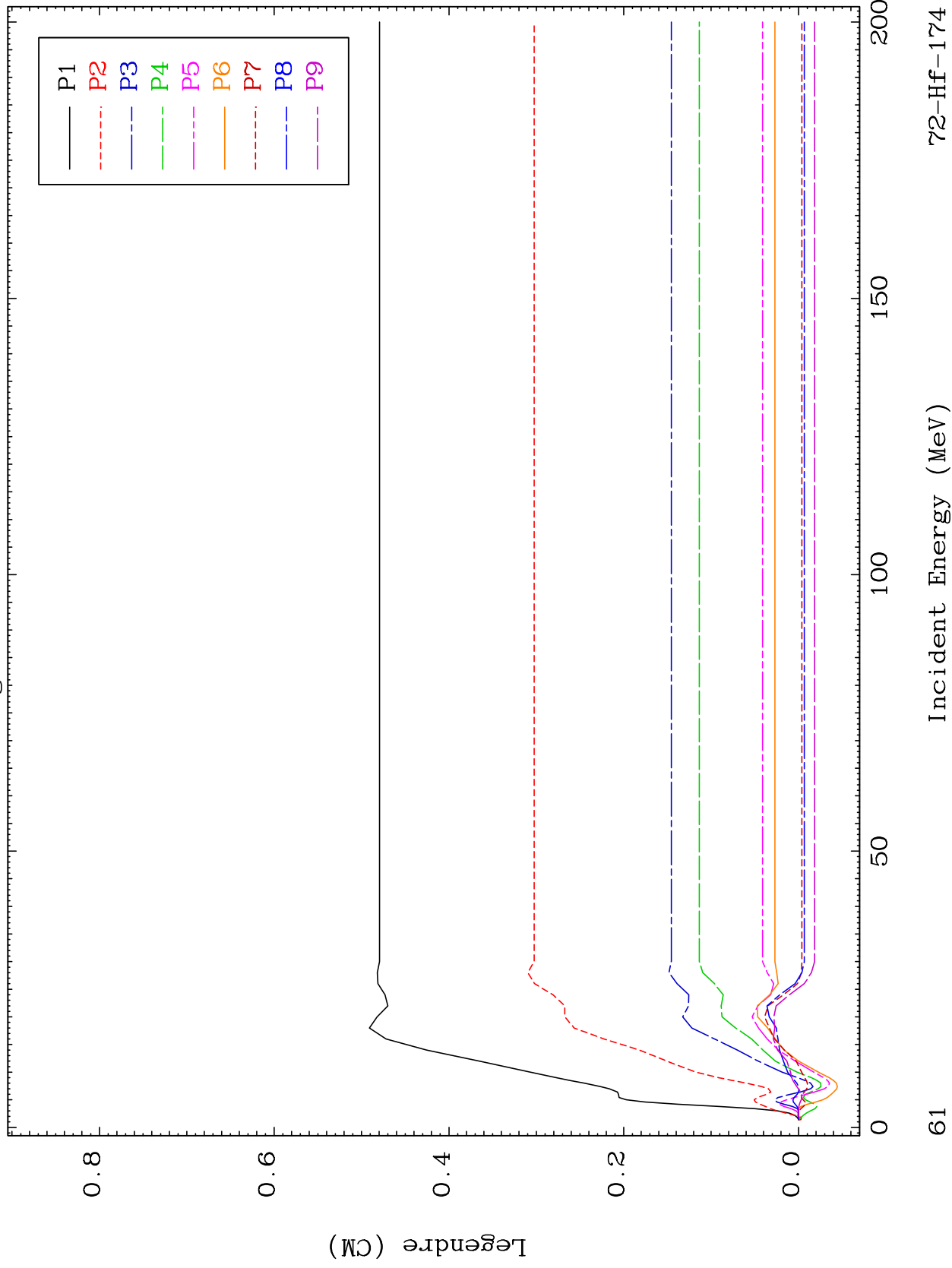




MAT 7225

1.319 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

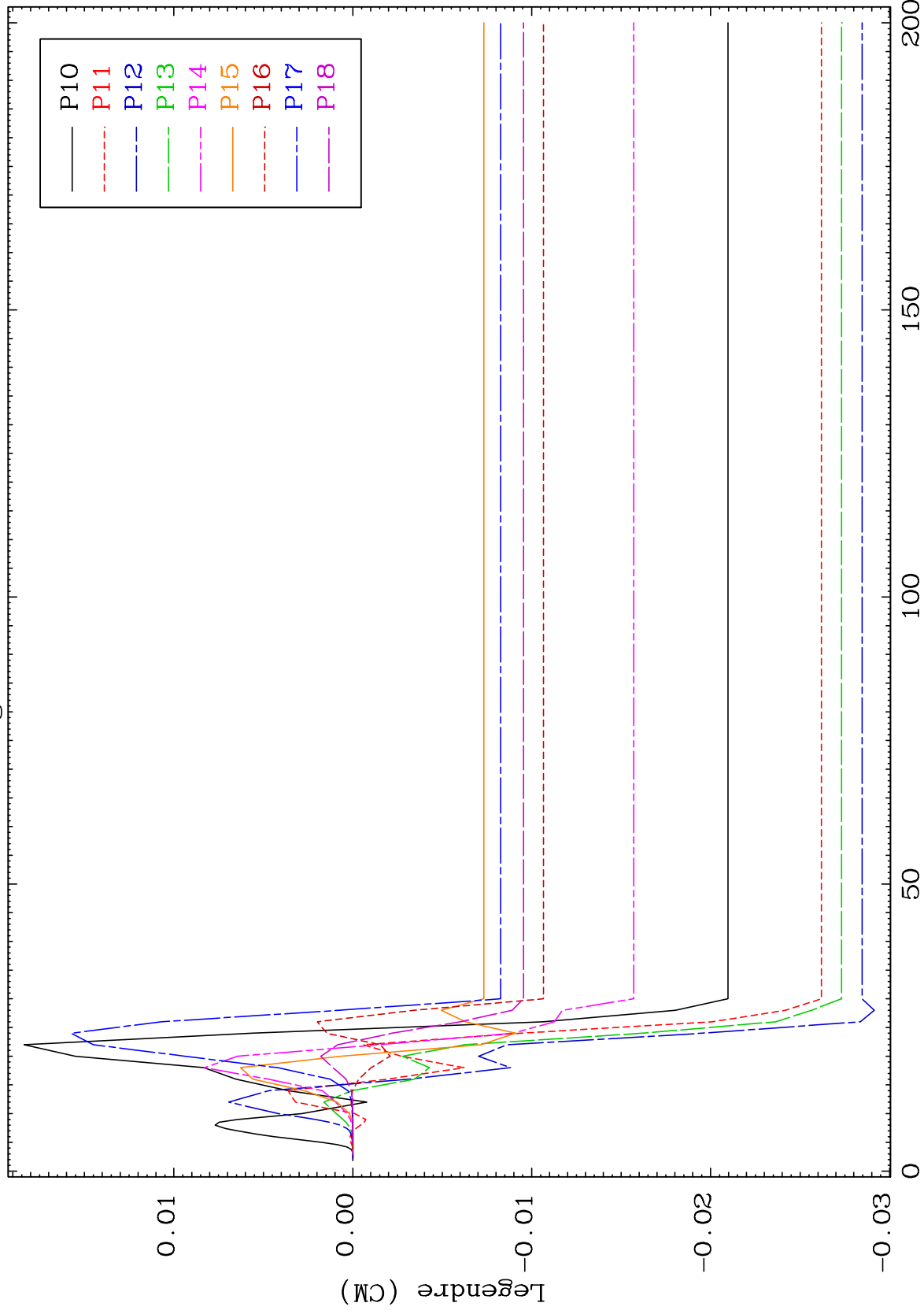
Incident Energy (MeV)

61

MAT 7225

1.319 MeV (n,n') Level
Legendre Coefficients

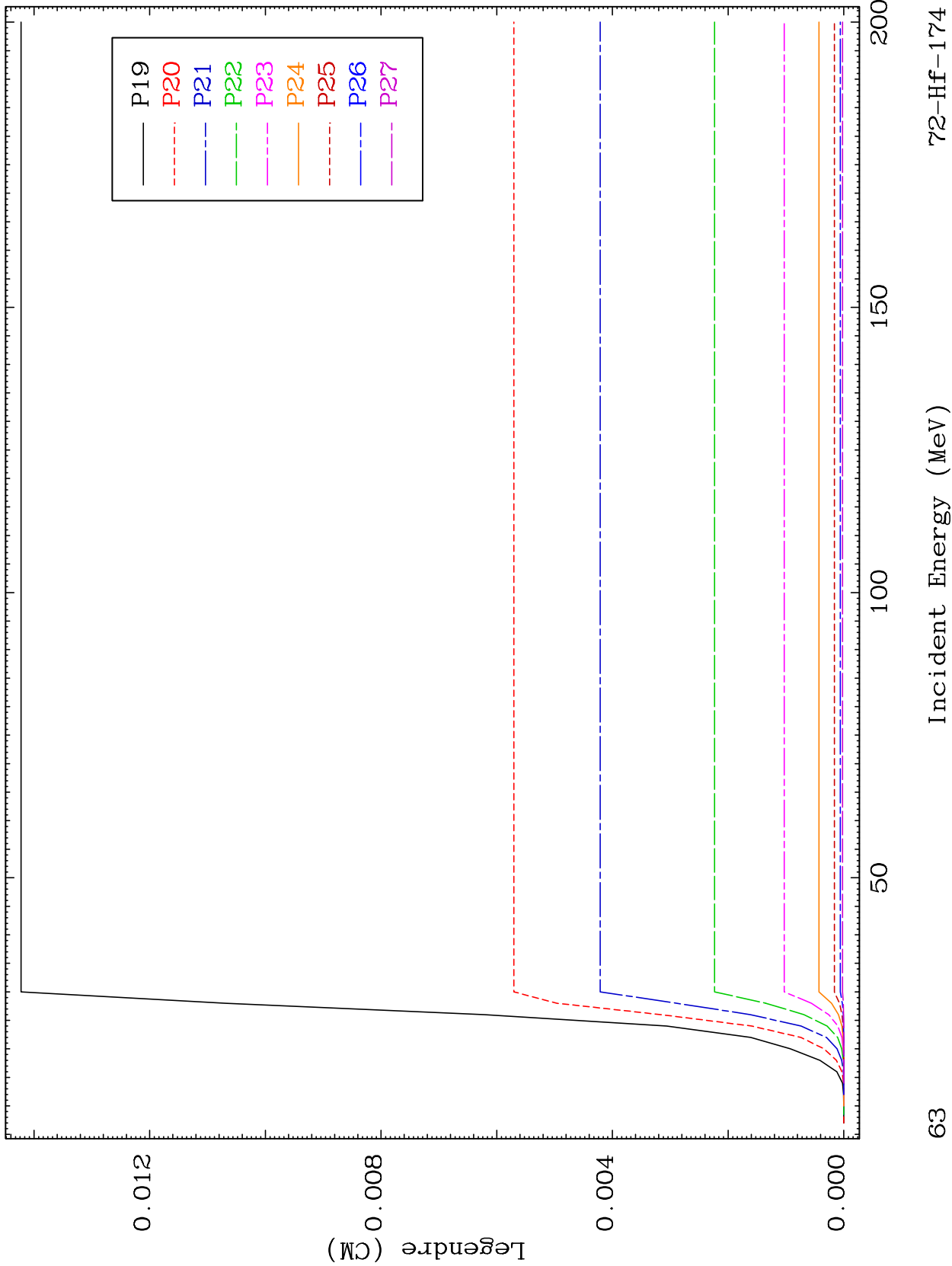
72-Hf-174



62

Incident Energy (MeV)

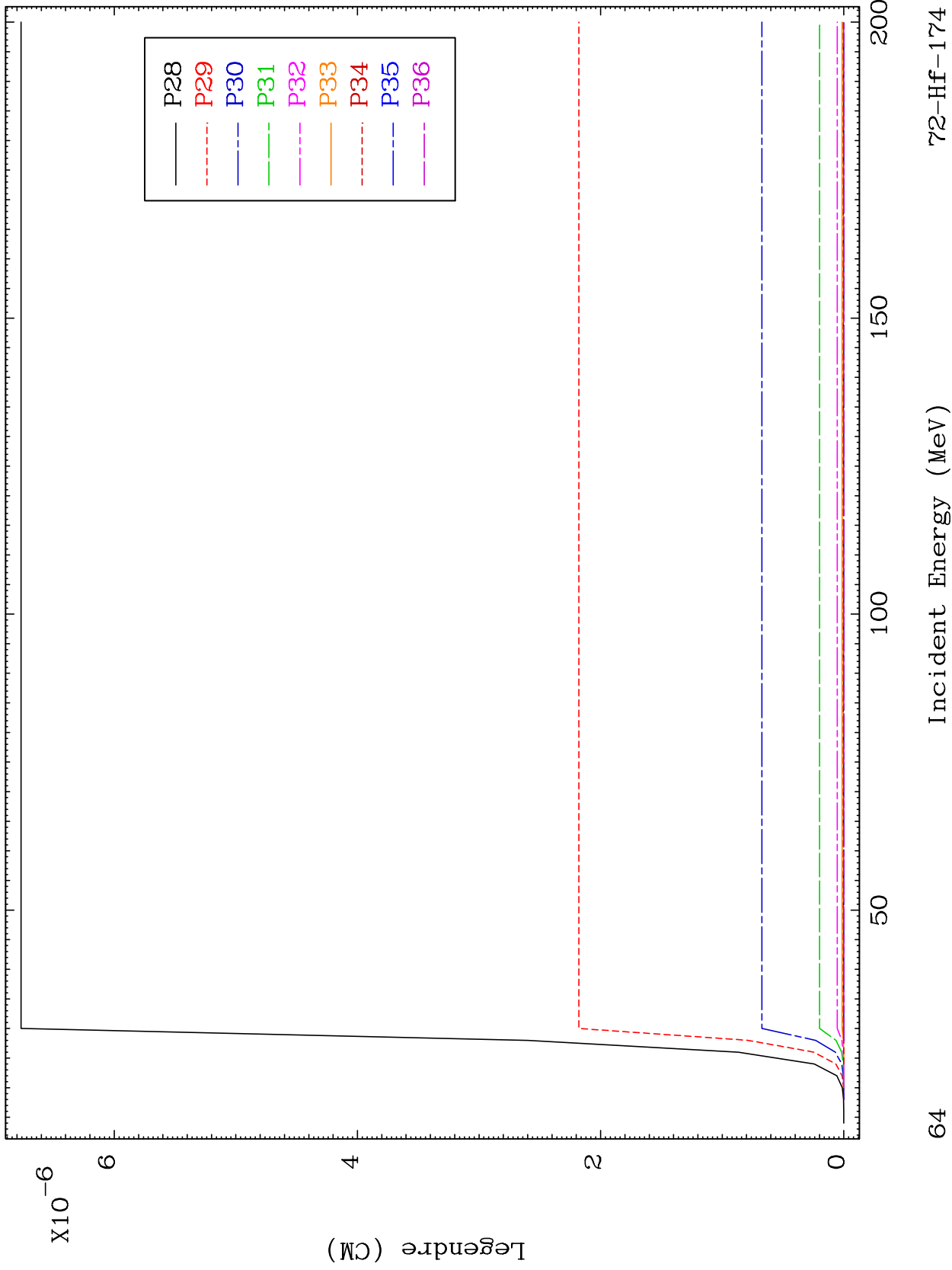
72-Hf-174



MAT 7225

1.319 MeV (n,n') Level
Legendre Coefficients

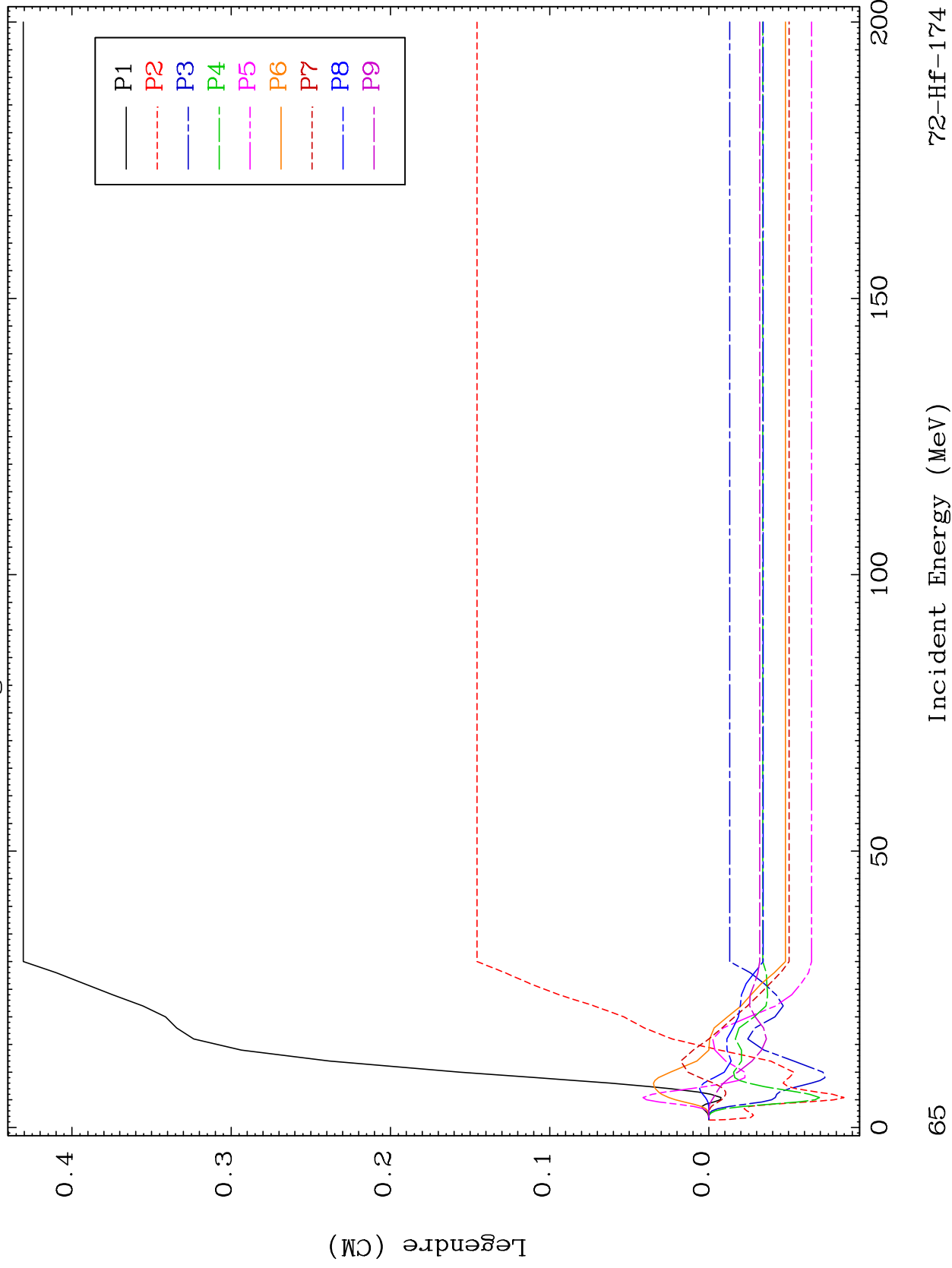
72-Hf-174



MAT 7225

1.321 MeV (n,n') Level
Legendre Coefficients

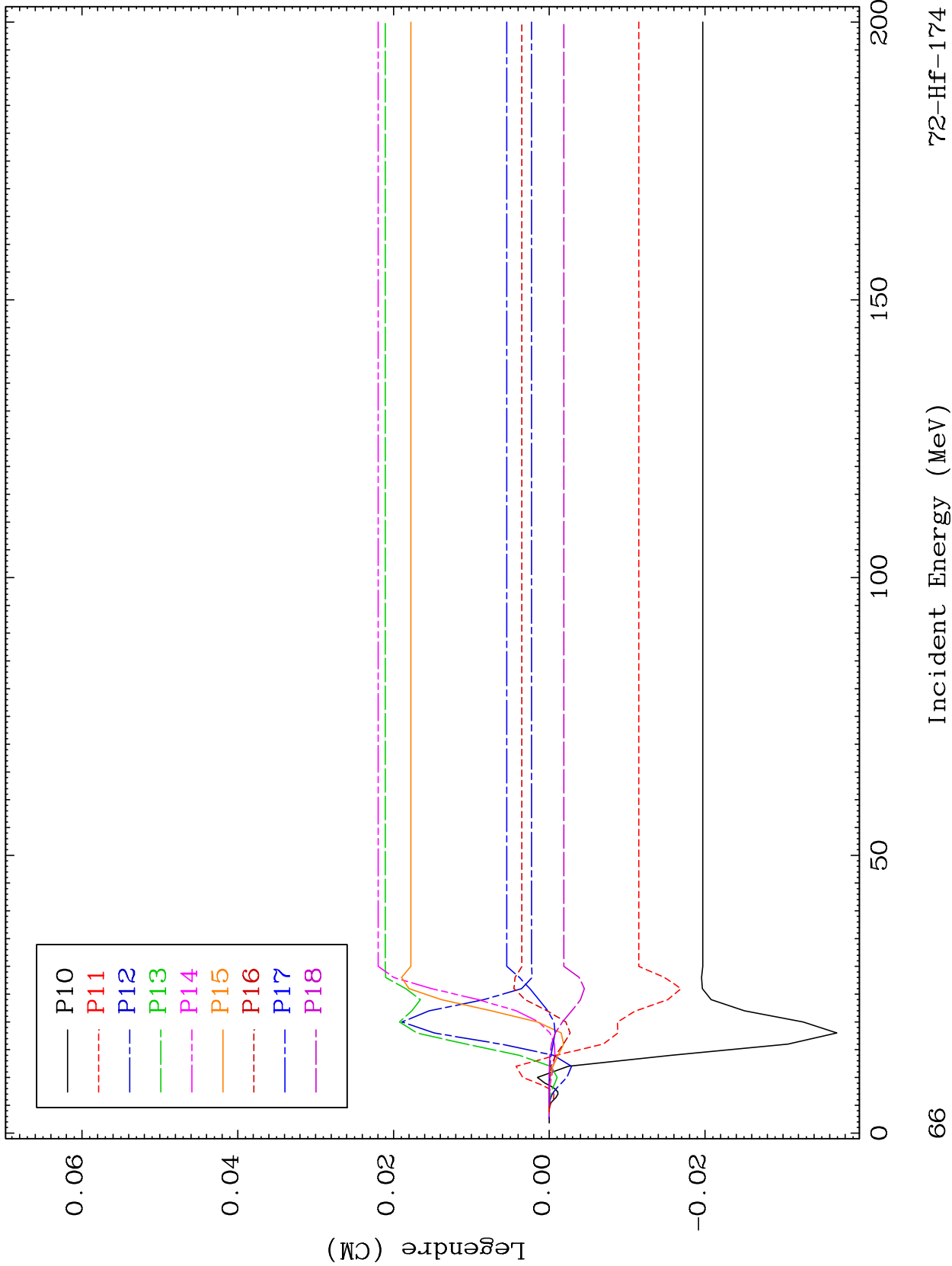
72-Hf-174

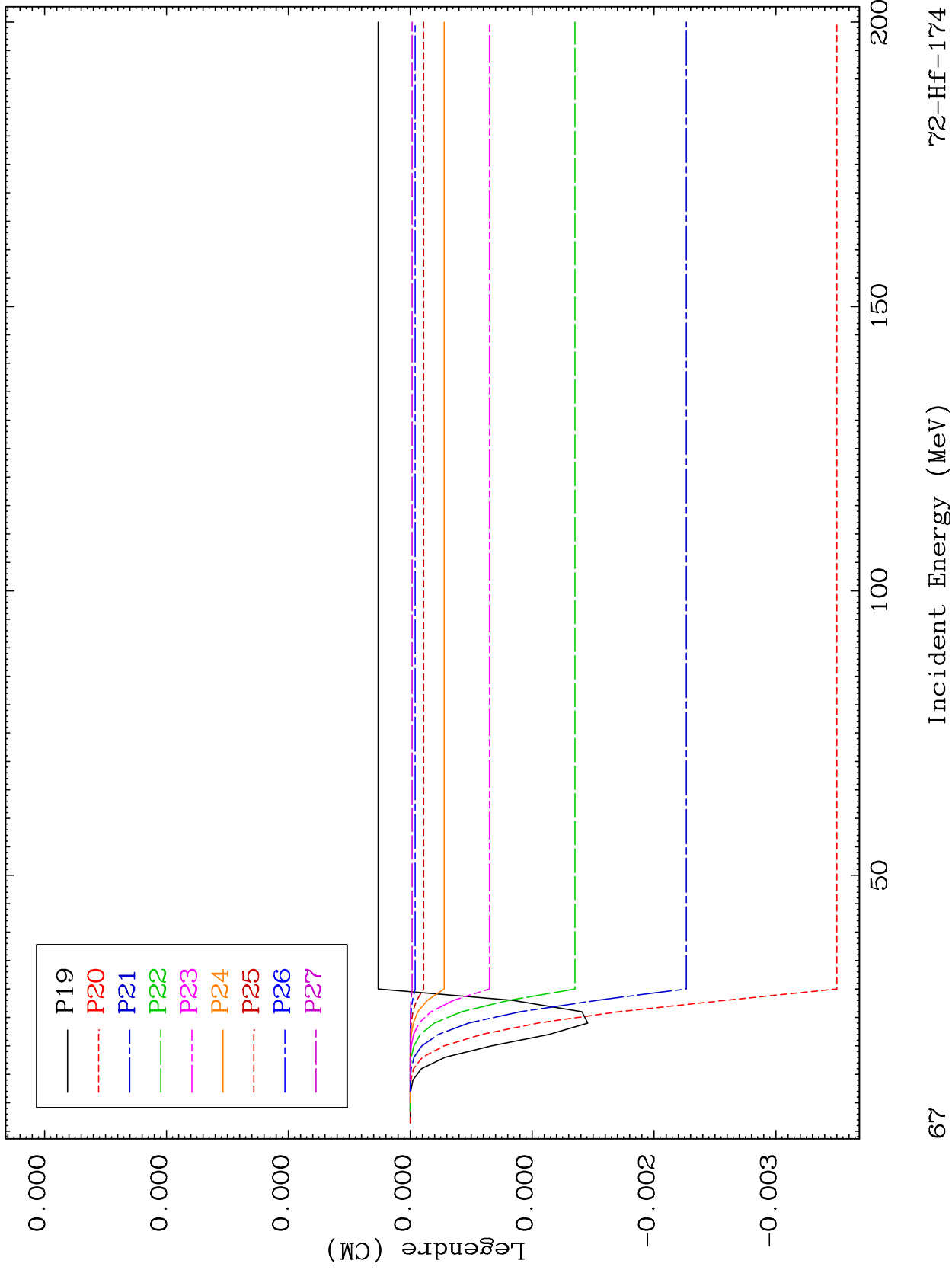


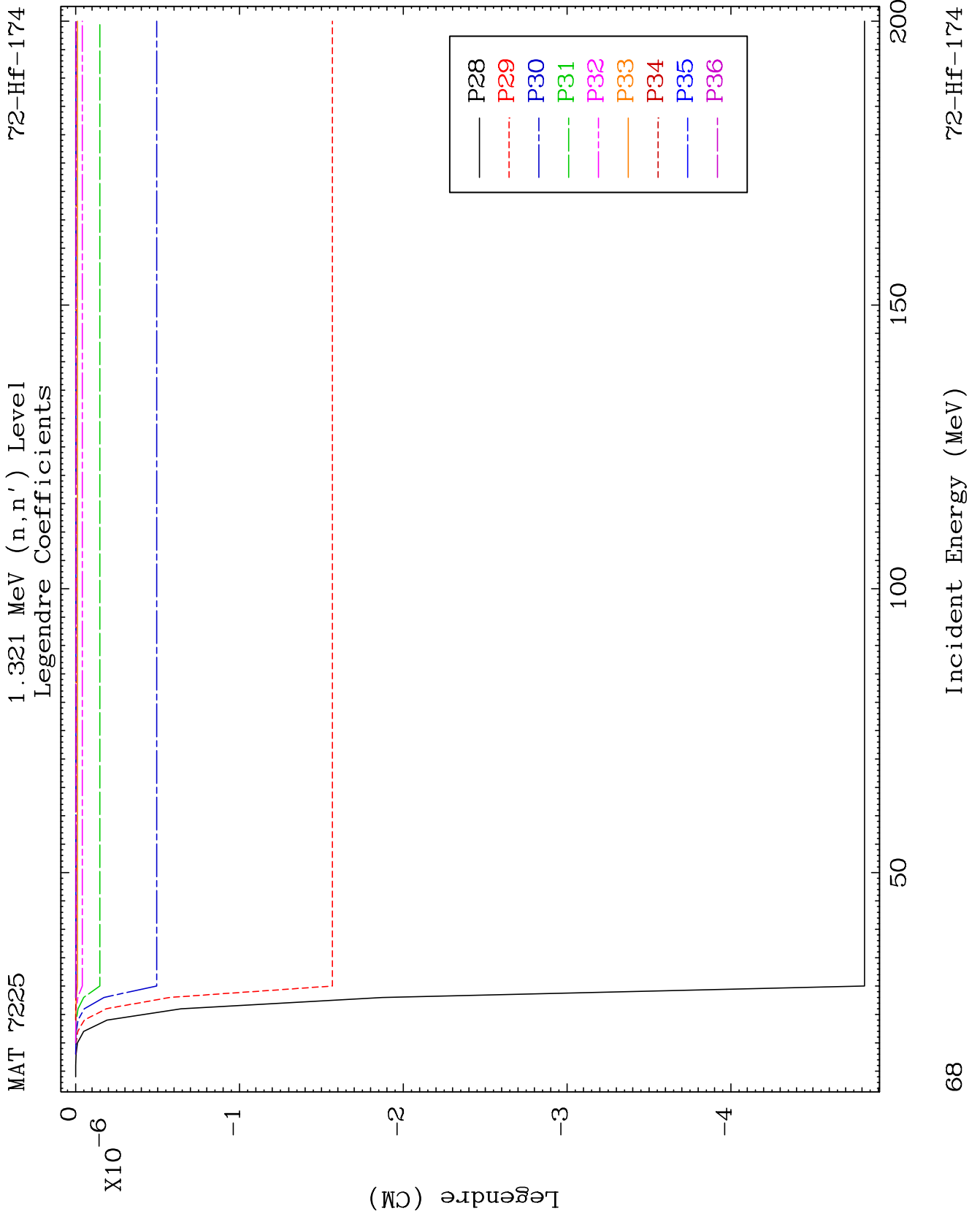
72-Hf-174

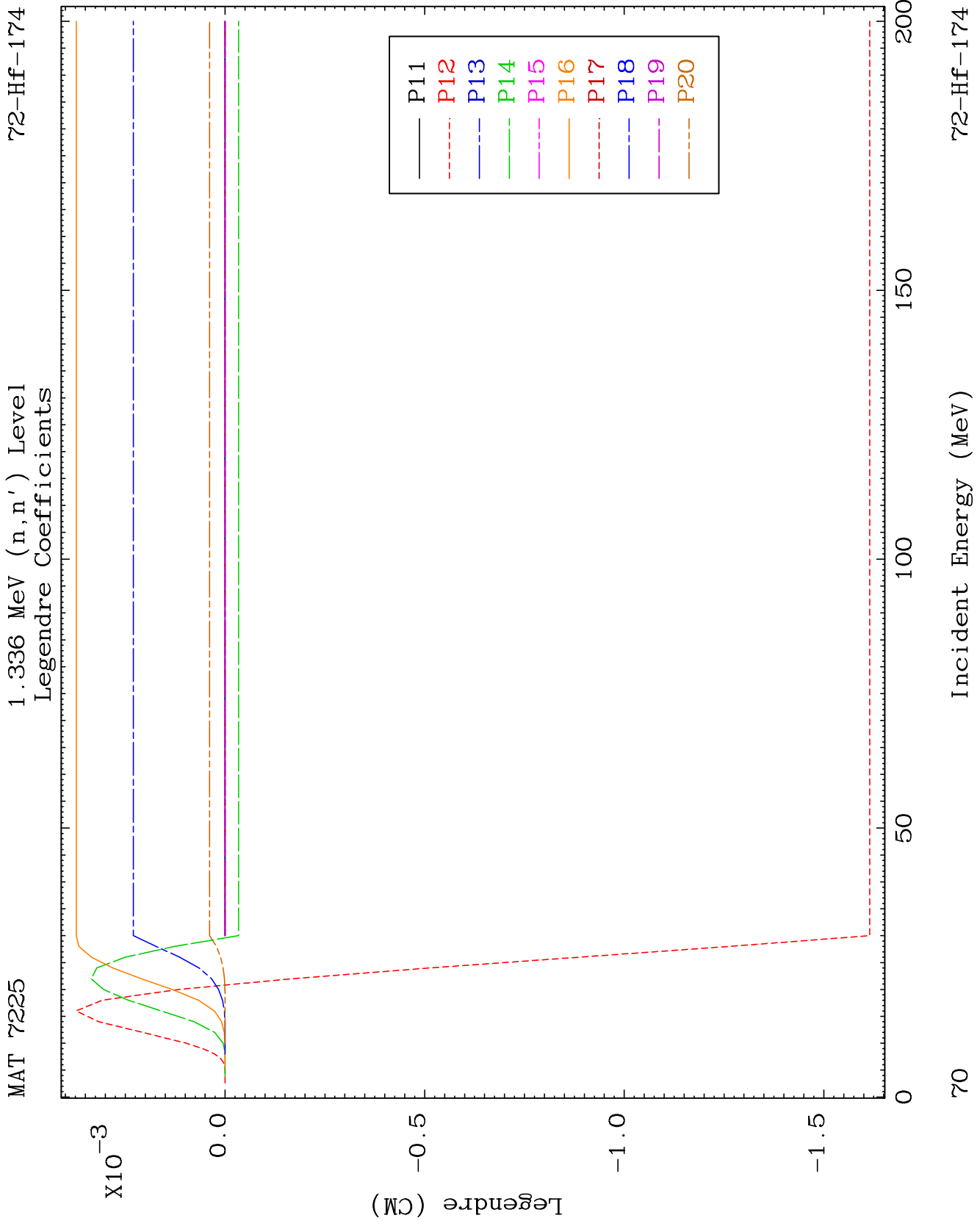
Incident Energy (MeV)

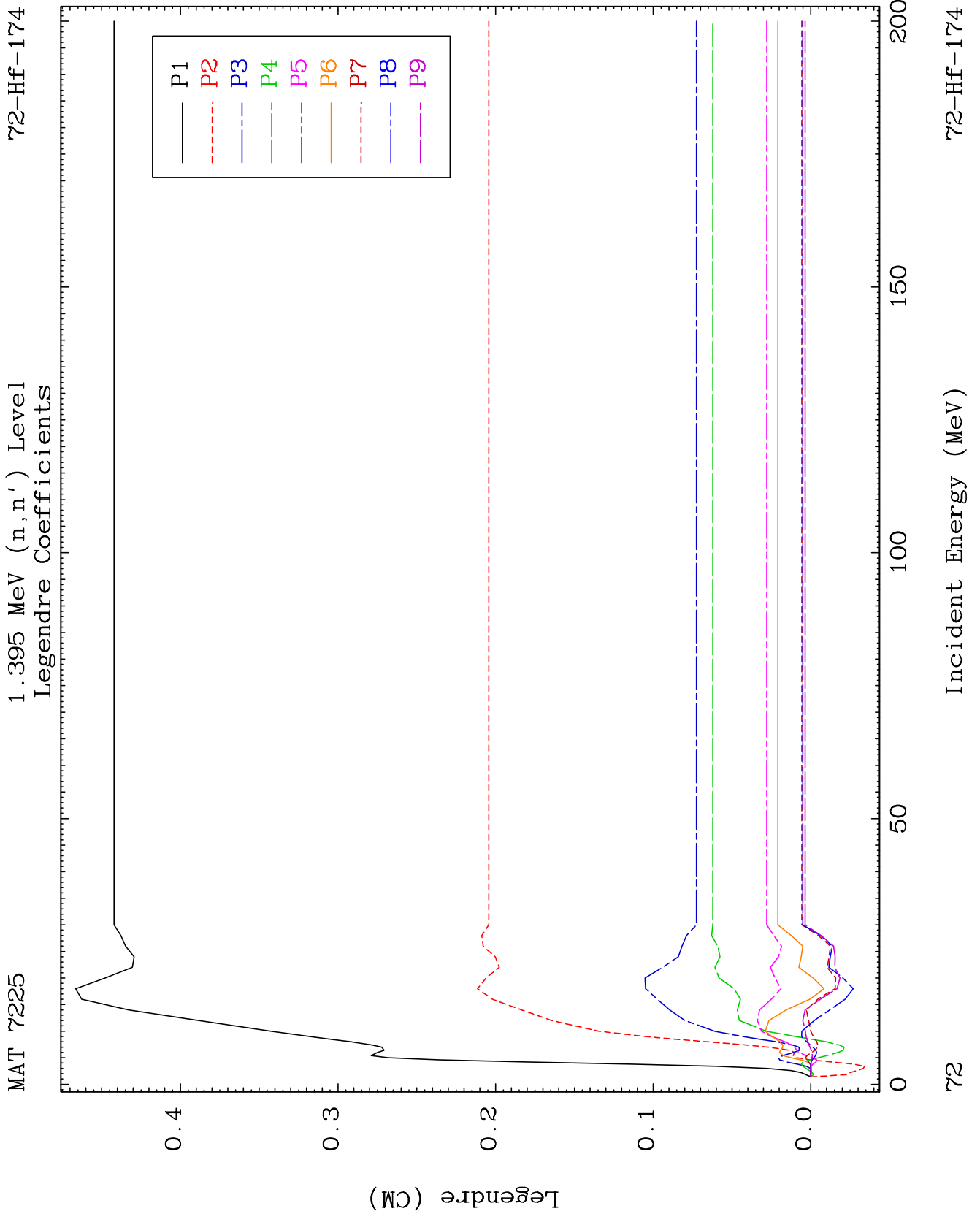
65

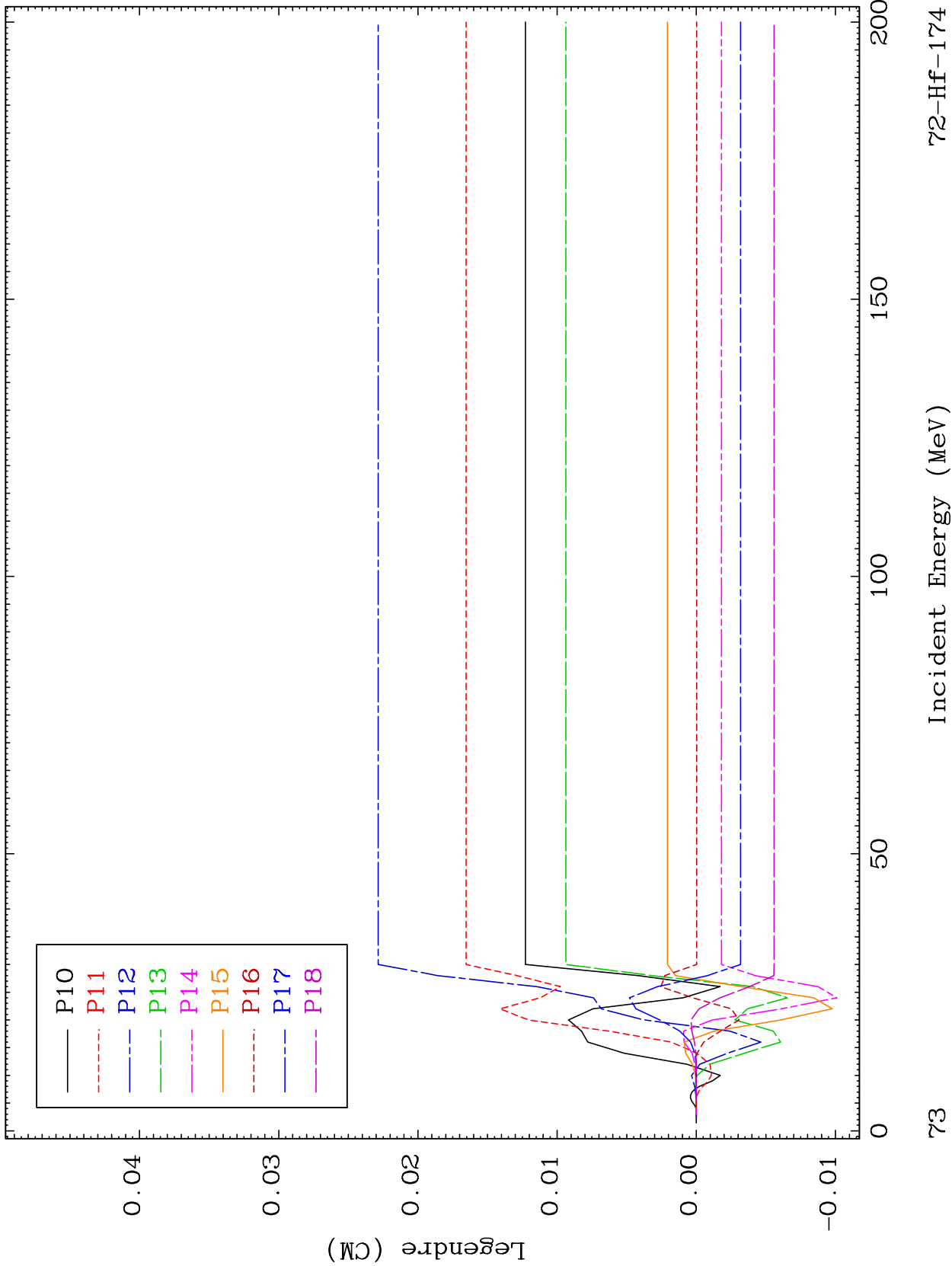


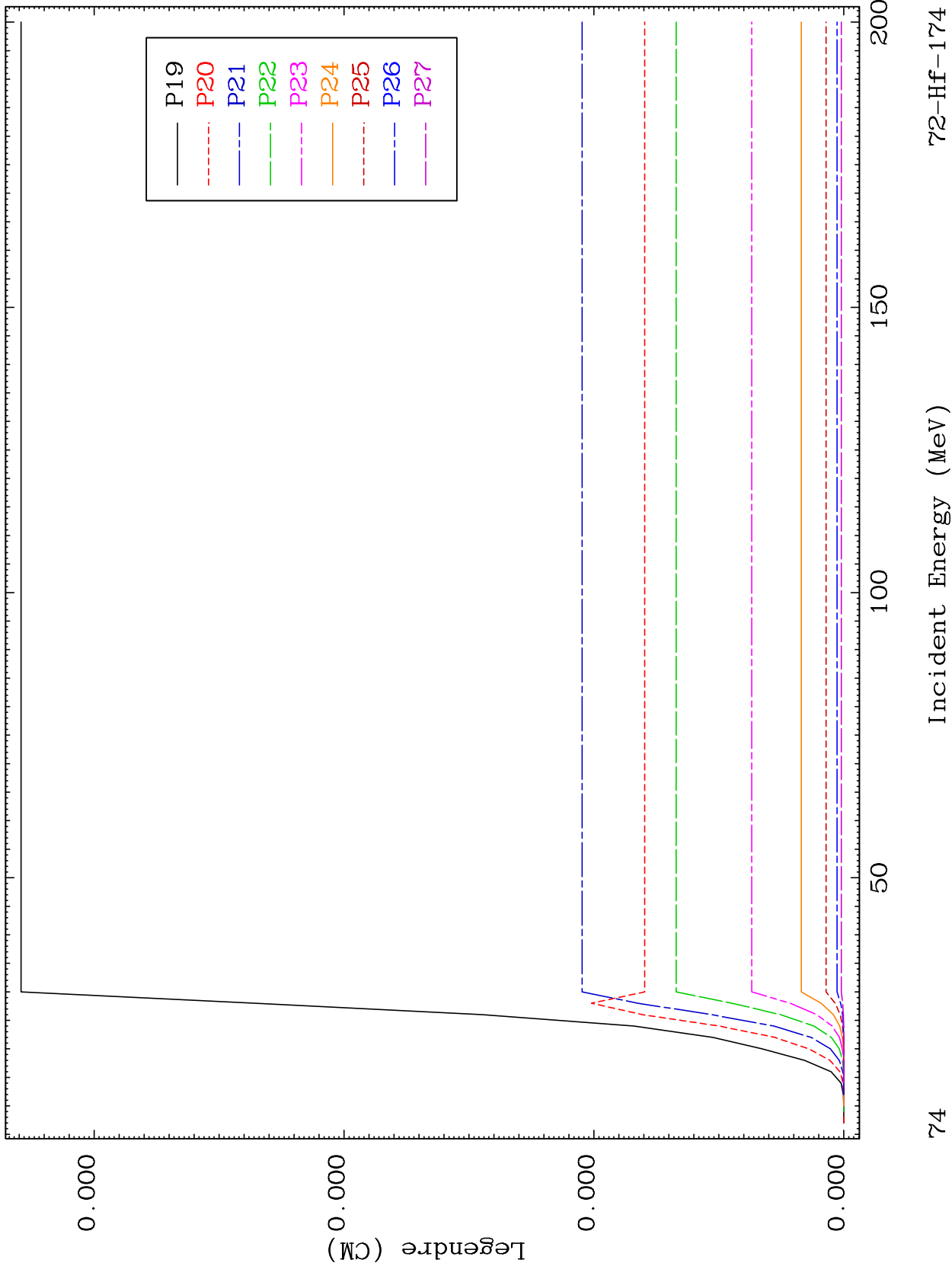








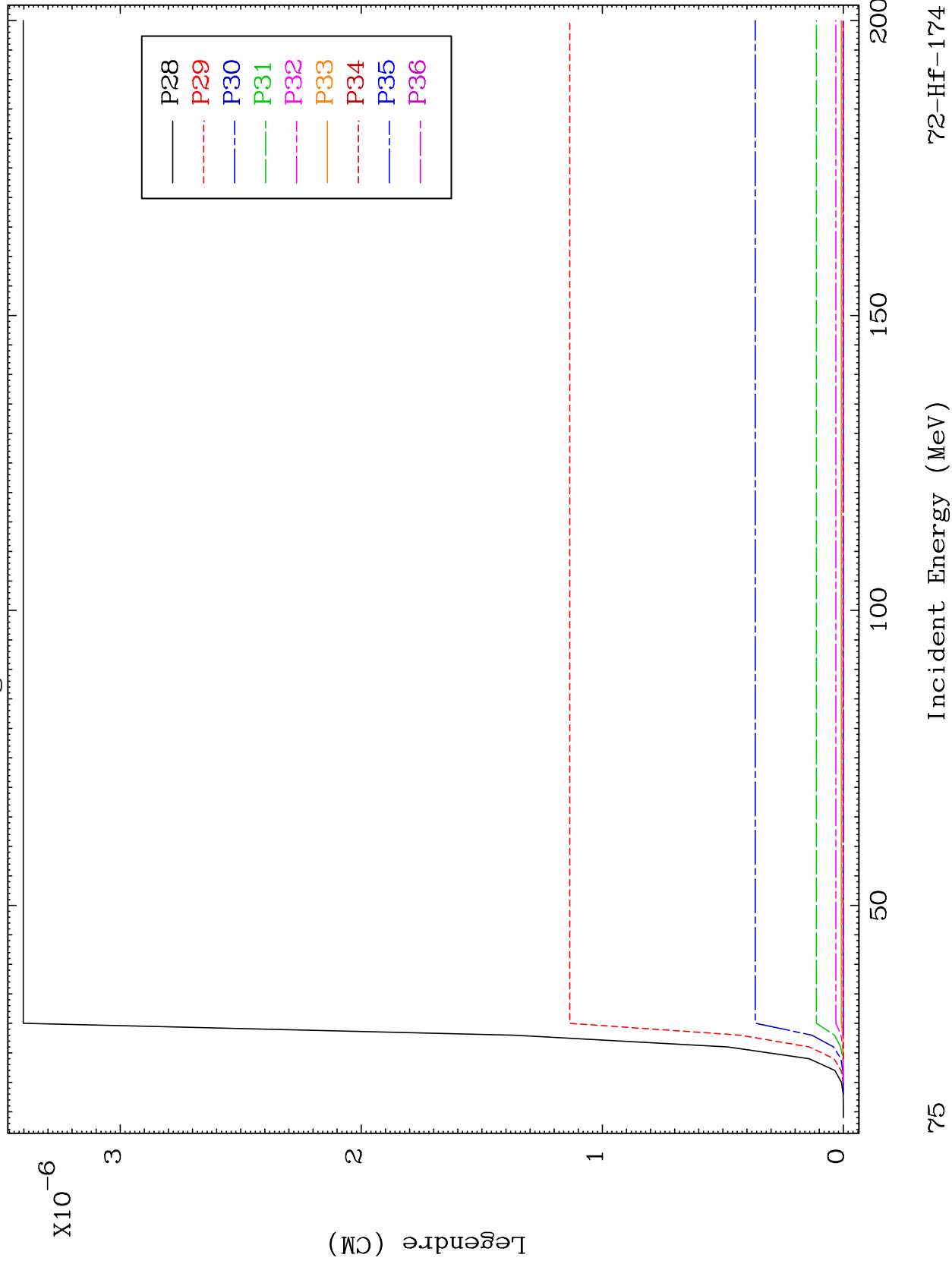




MAT 7225

1.395 MeV (n,n') Level
Legendre Coefficients

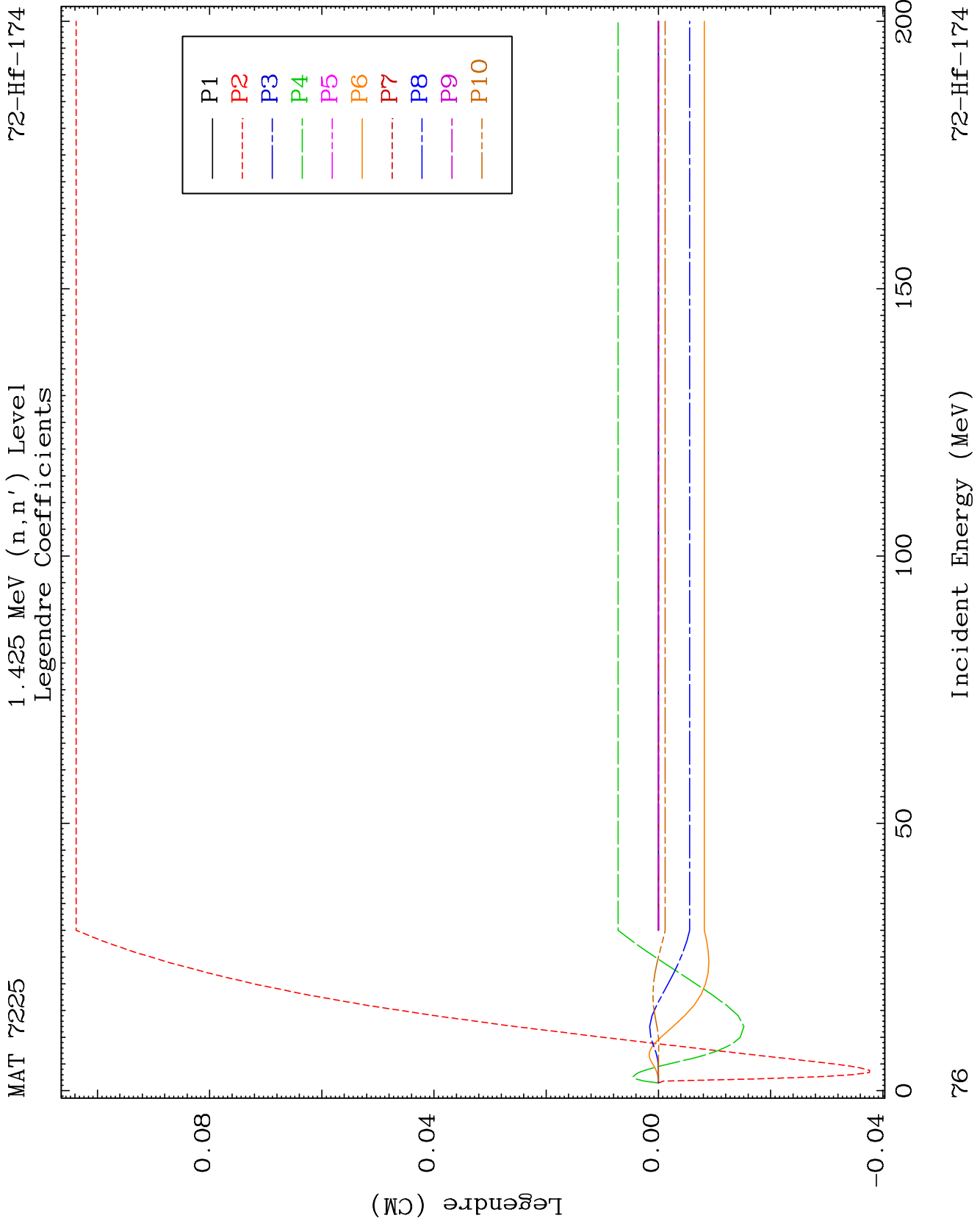
72-Hf-174

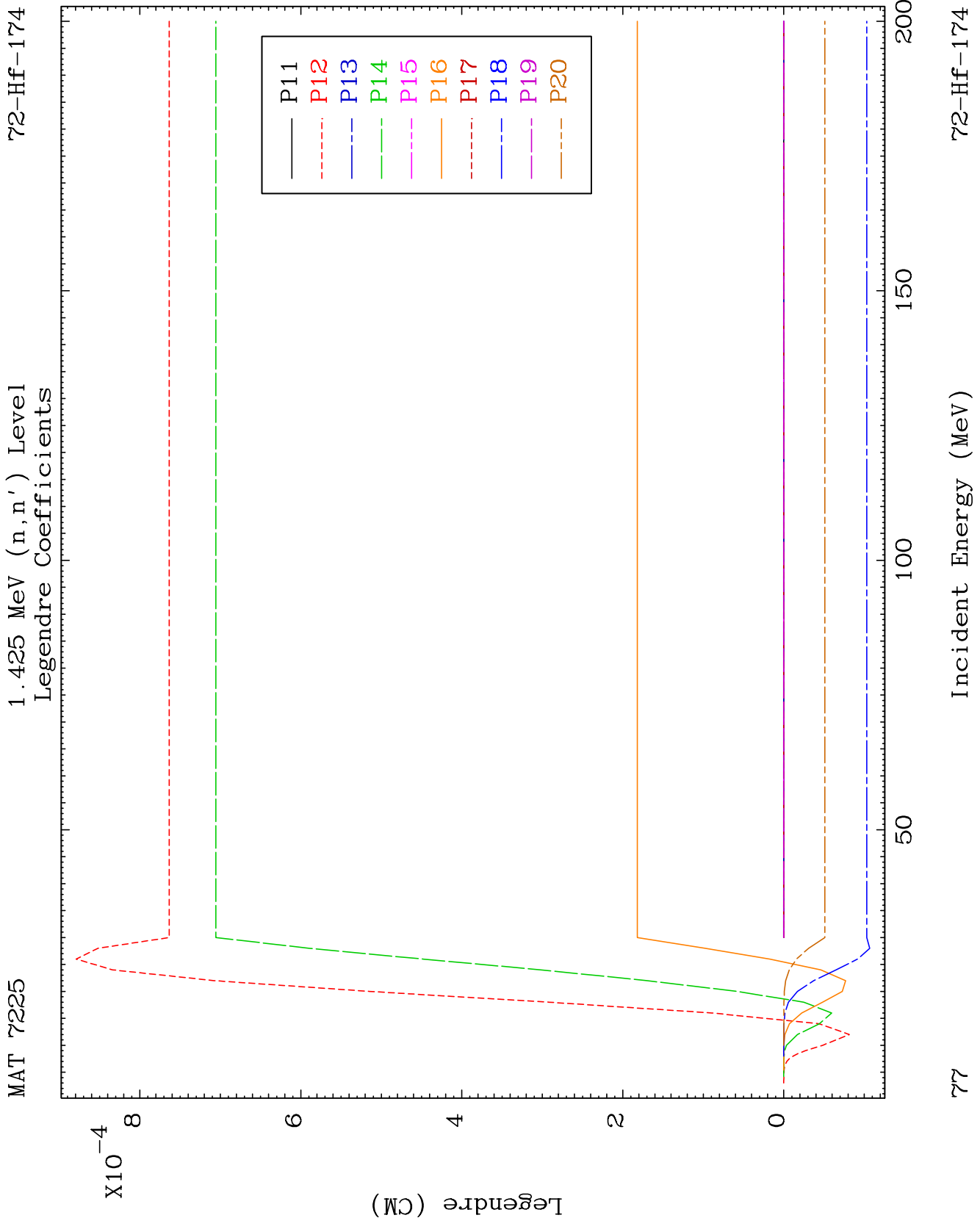


72-Hf-174

Incident Energy (MeV)

75

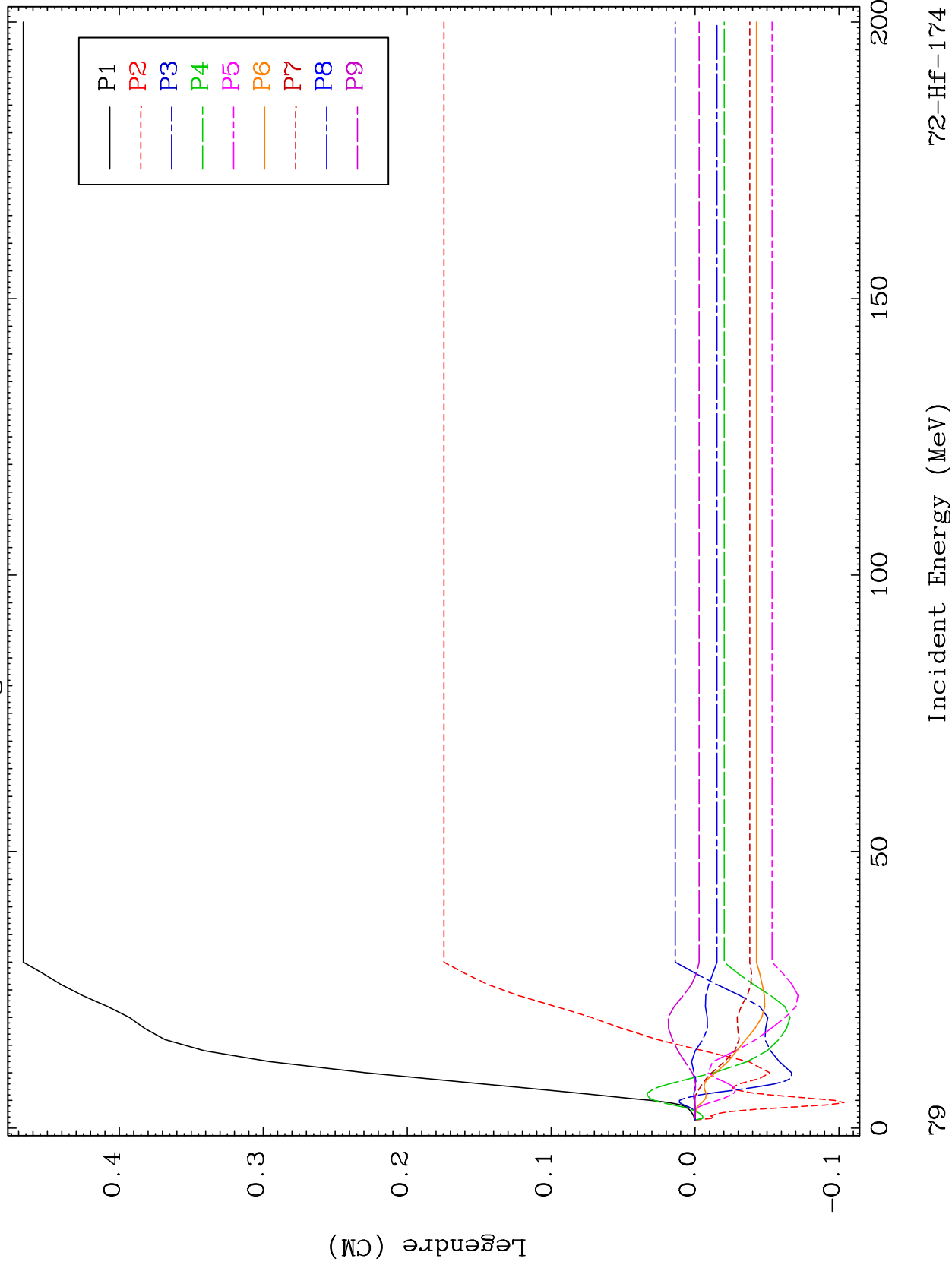


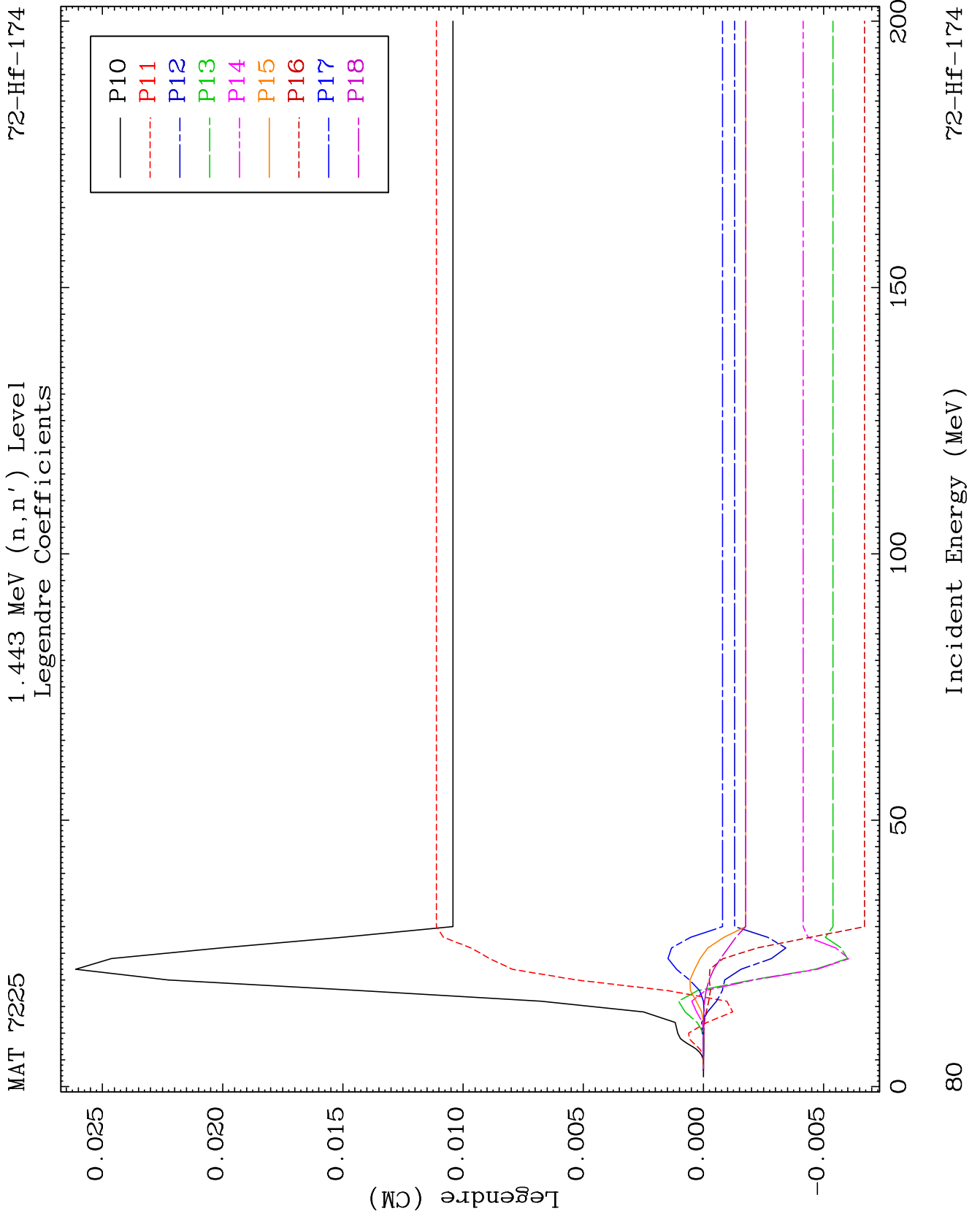


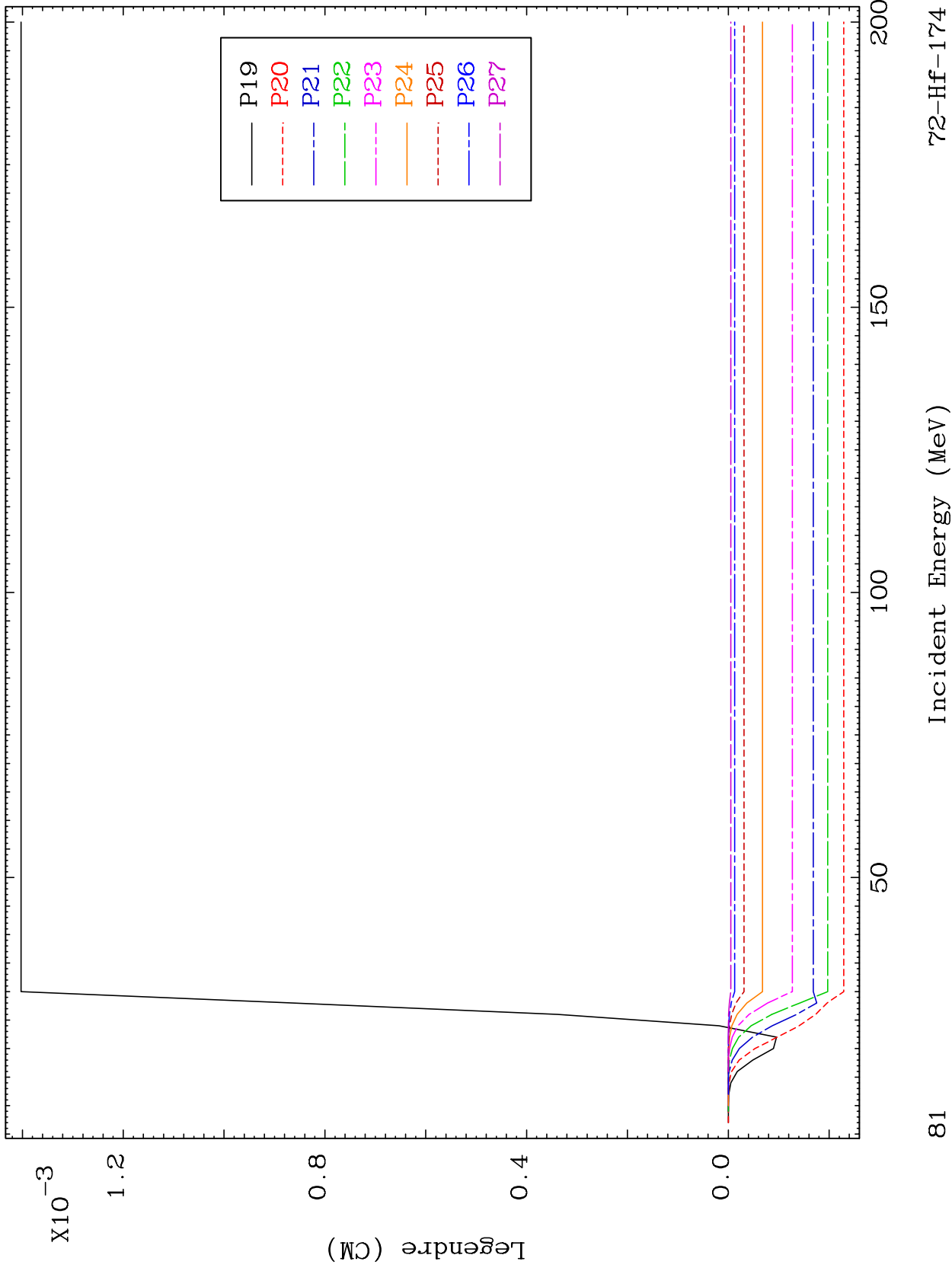
MAT 7225

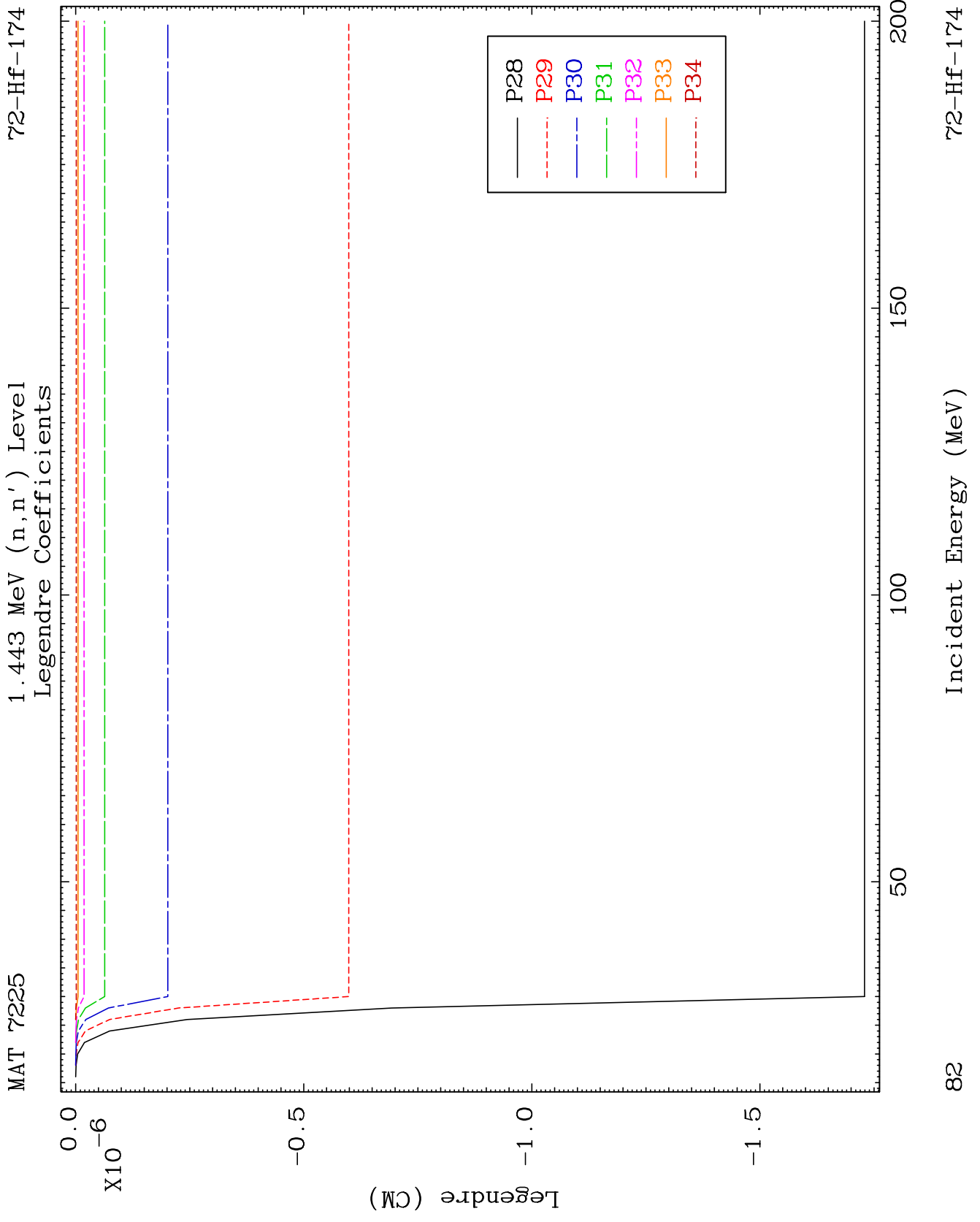
1.443 MeV (n,n') Level
Legendre Coefficients

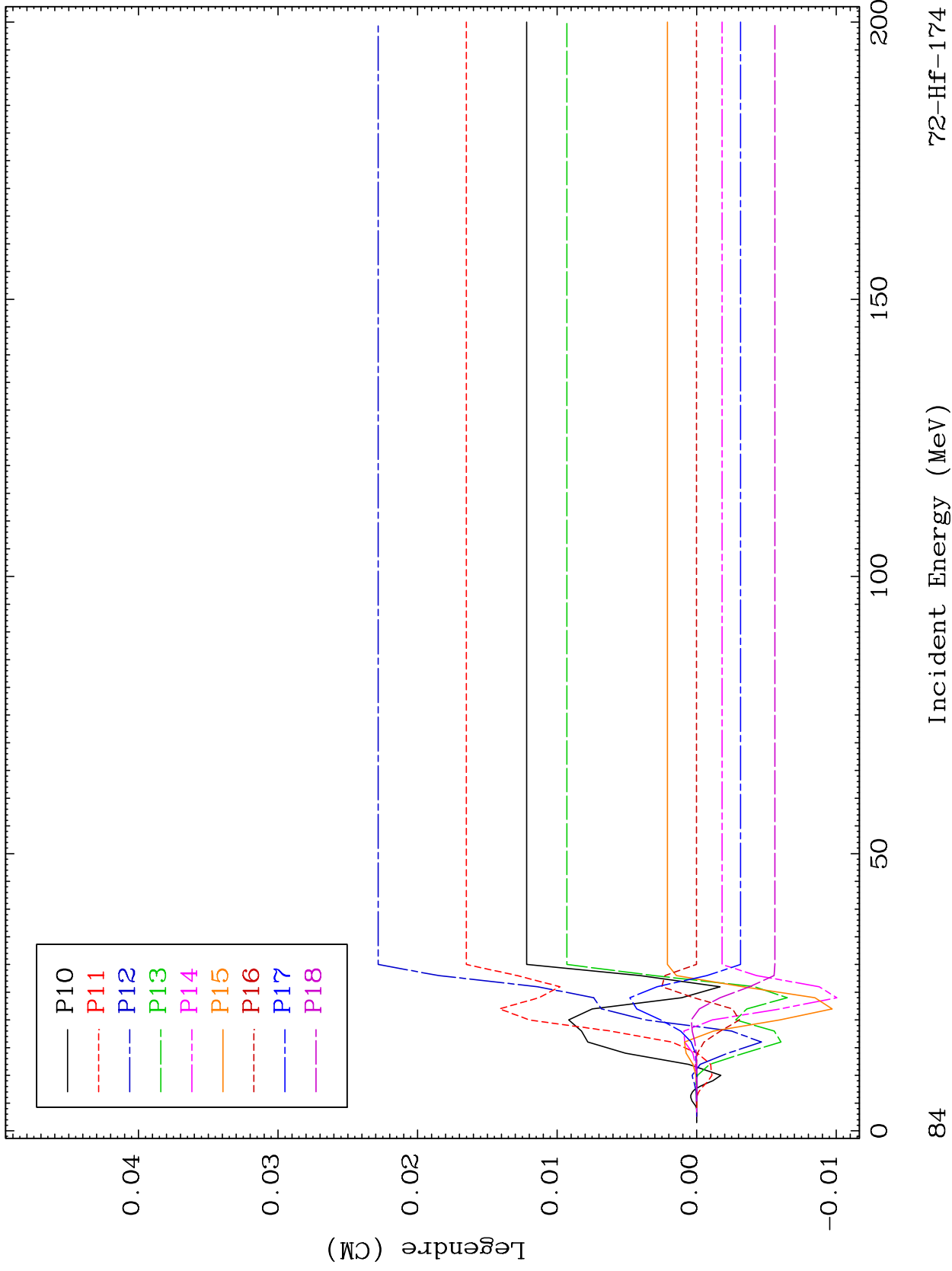
72-Hf-174







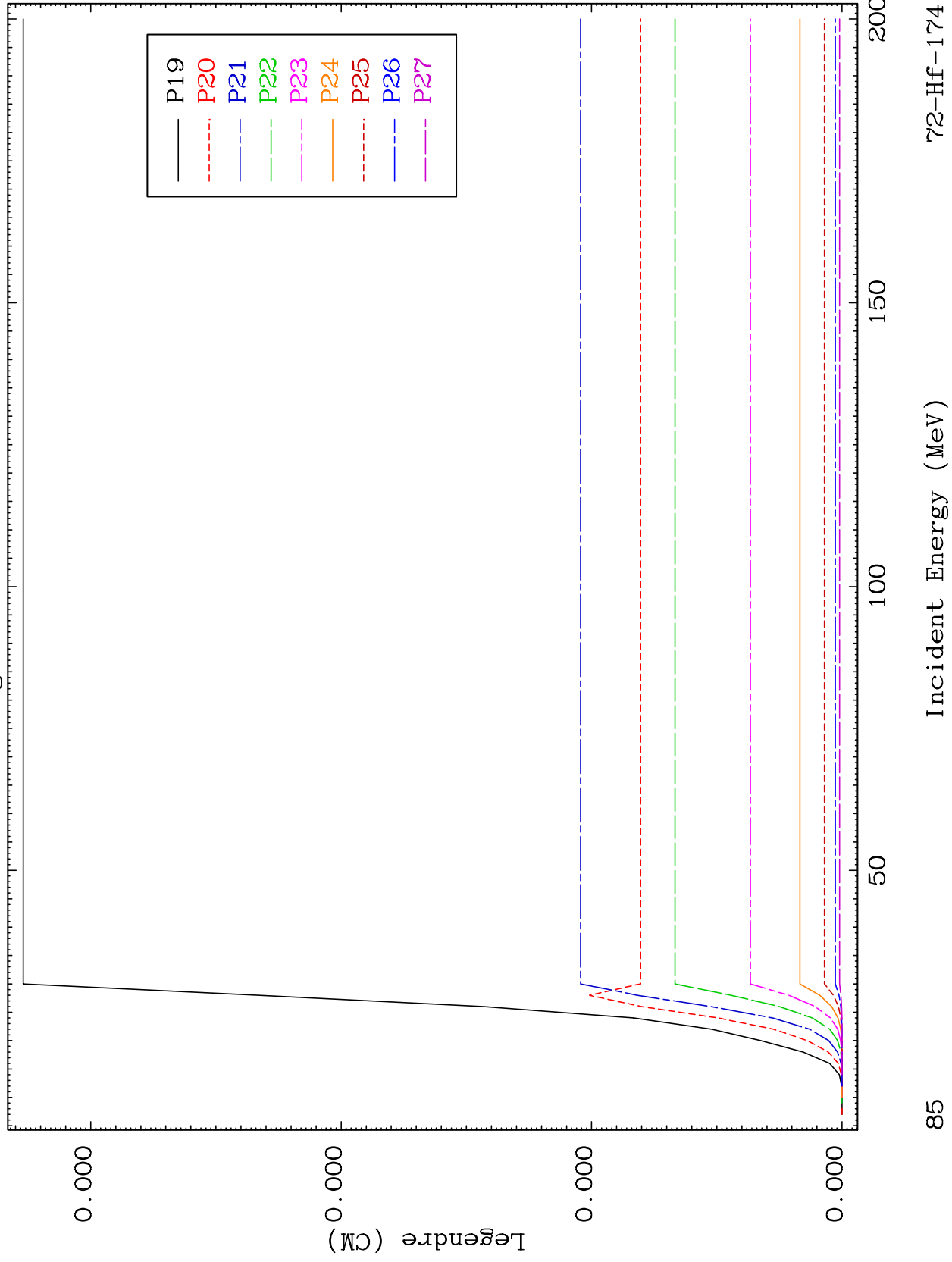




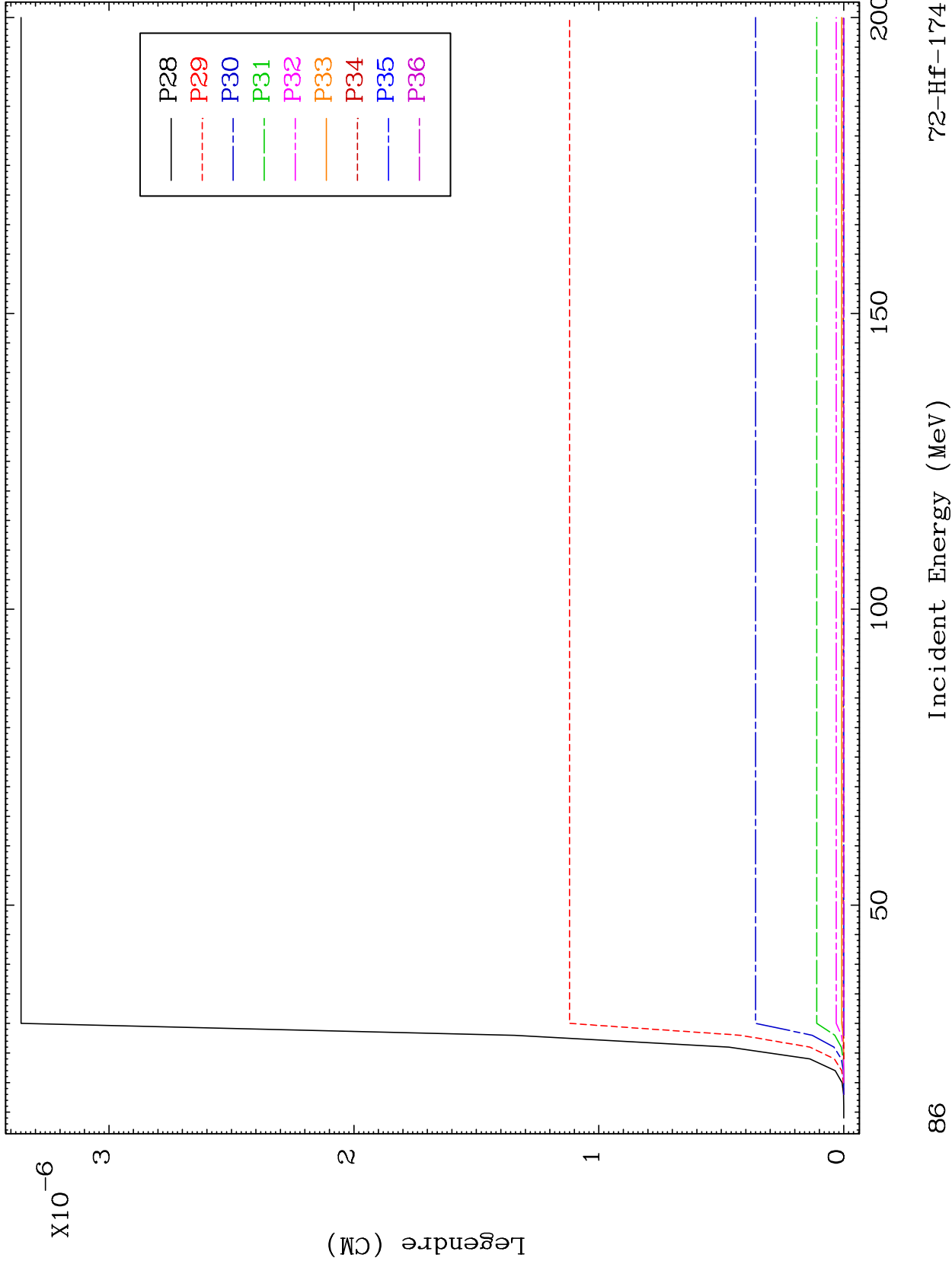
MAT 7225

1.449 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



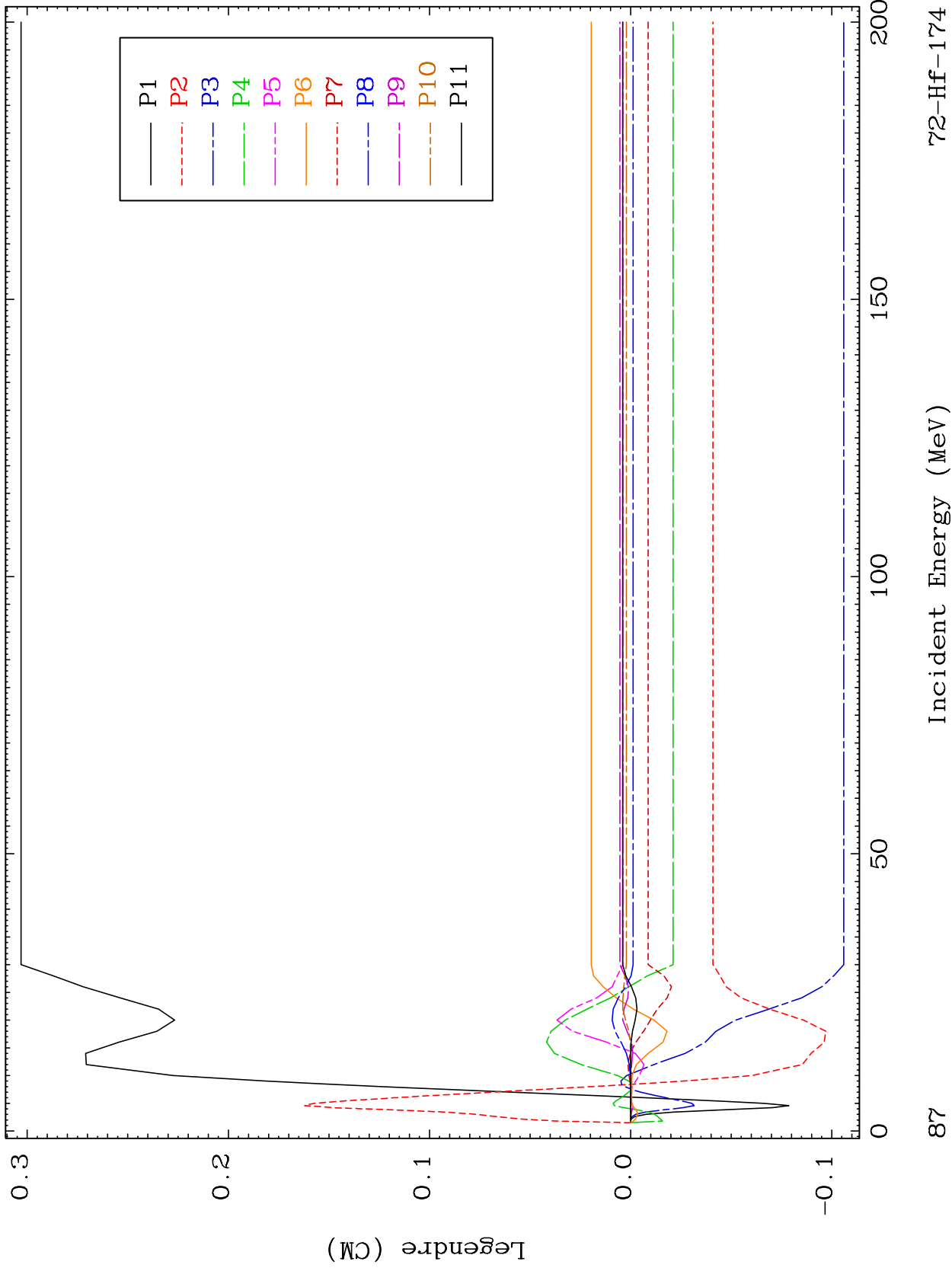
85



MAT 7225

1.486 MeV (n,n') Level
Legendre Coefficients

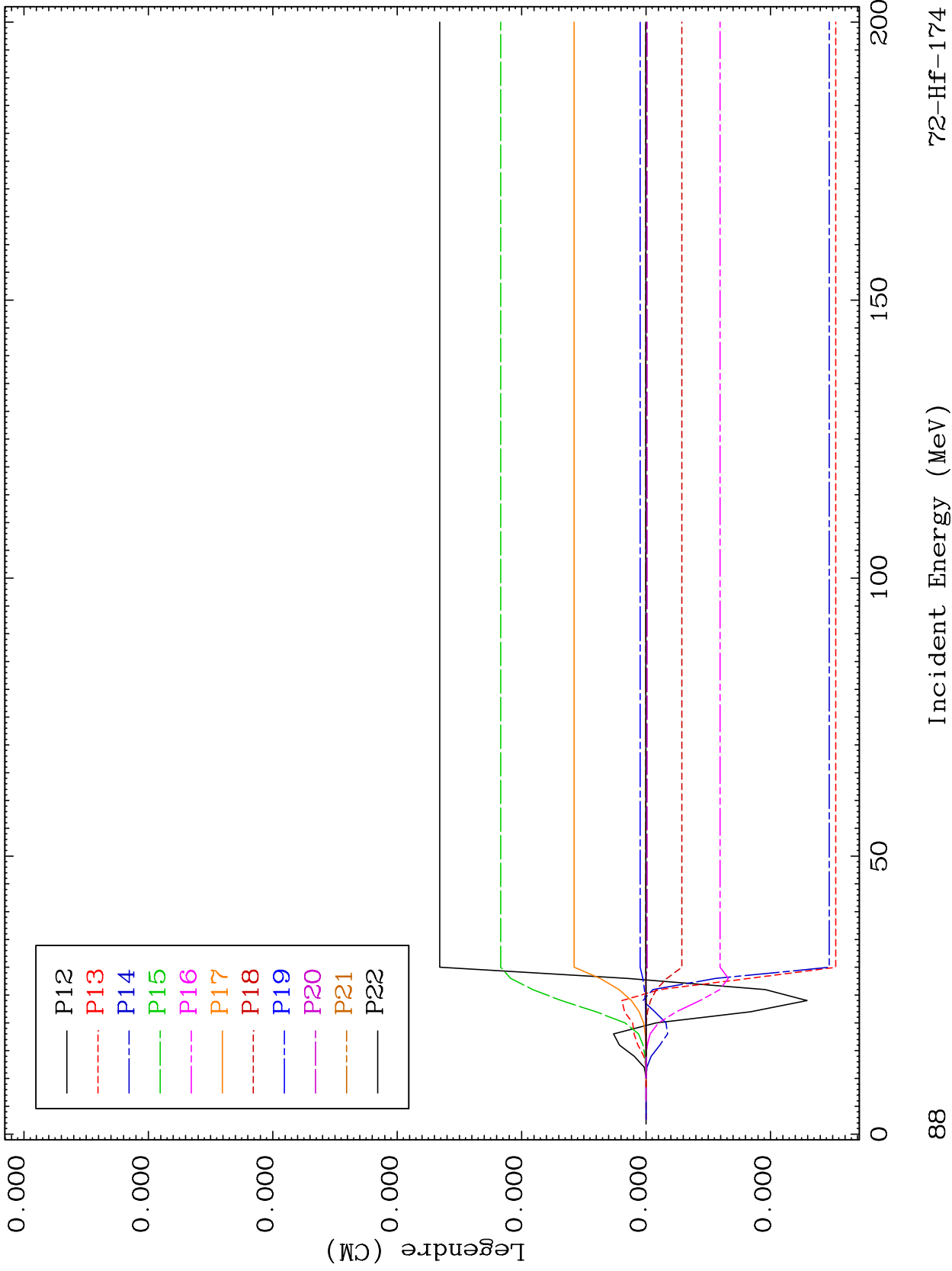
72-Hf-174



MAT 7225

1.486 MeV (n, n') Level
Legendre Coefficients

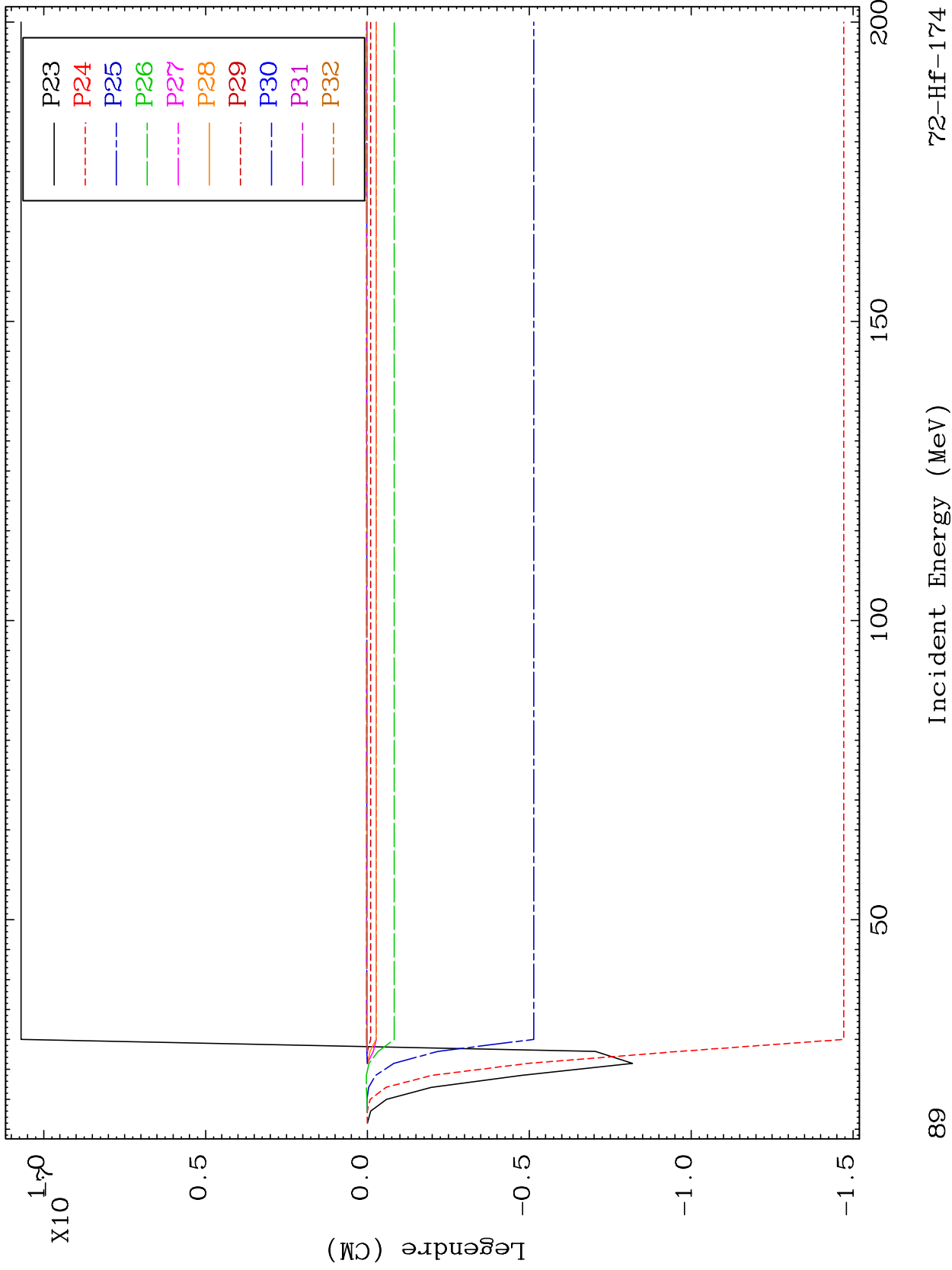
72-Hf-174



88

Incident Energy (MeV)

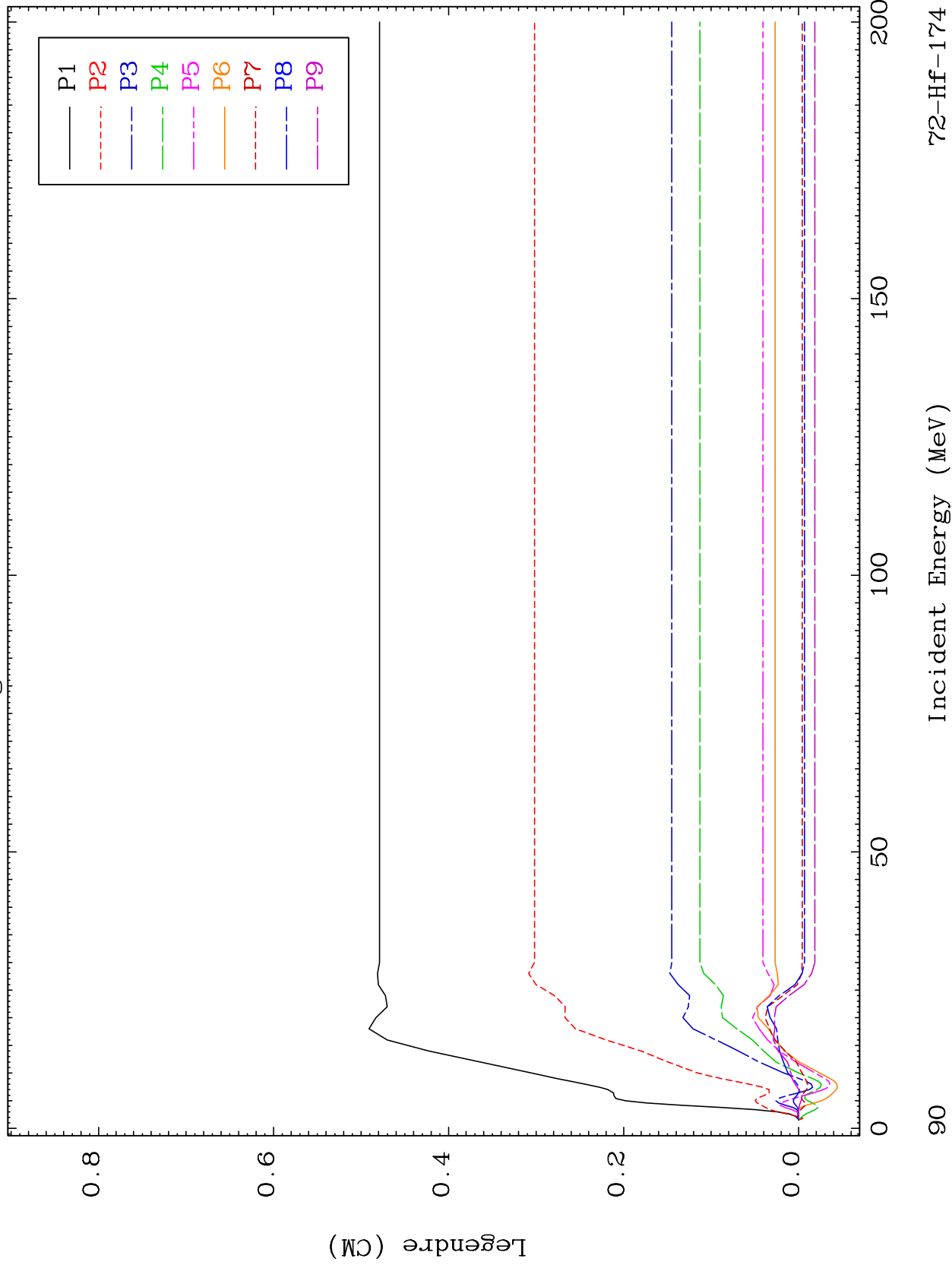
72-Hf-174



MAT 7225

1.496 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

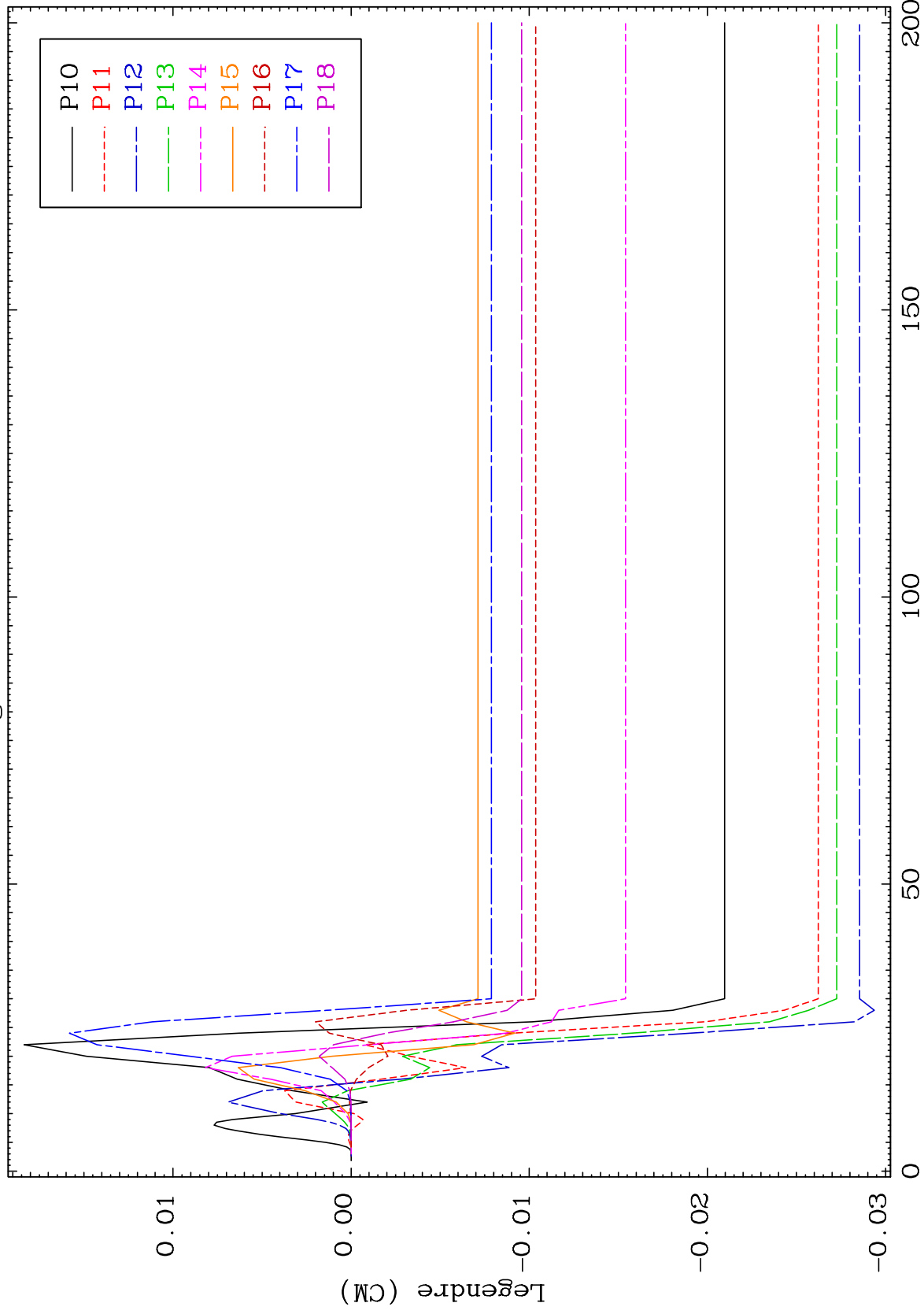
Incident Energy (MeV)

90

MAT 7225

1.496 MeV (n,n') Level
Legendre Coefficients

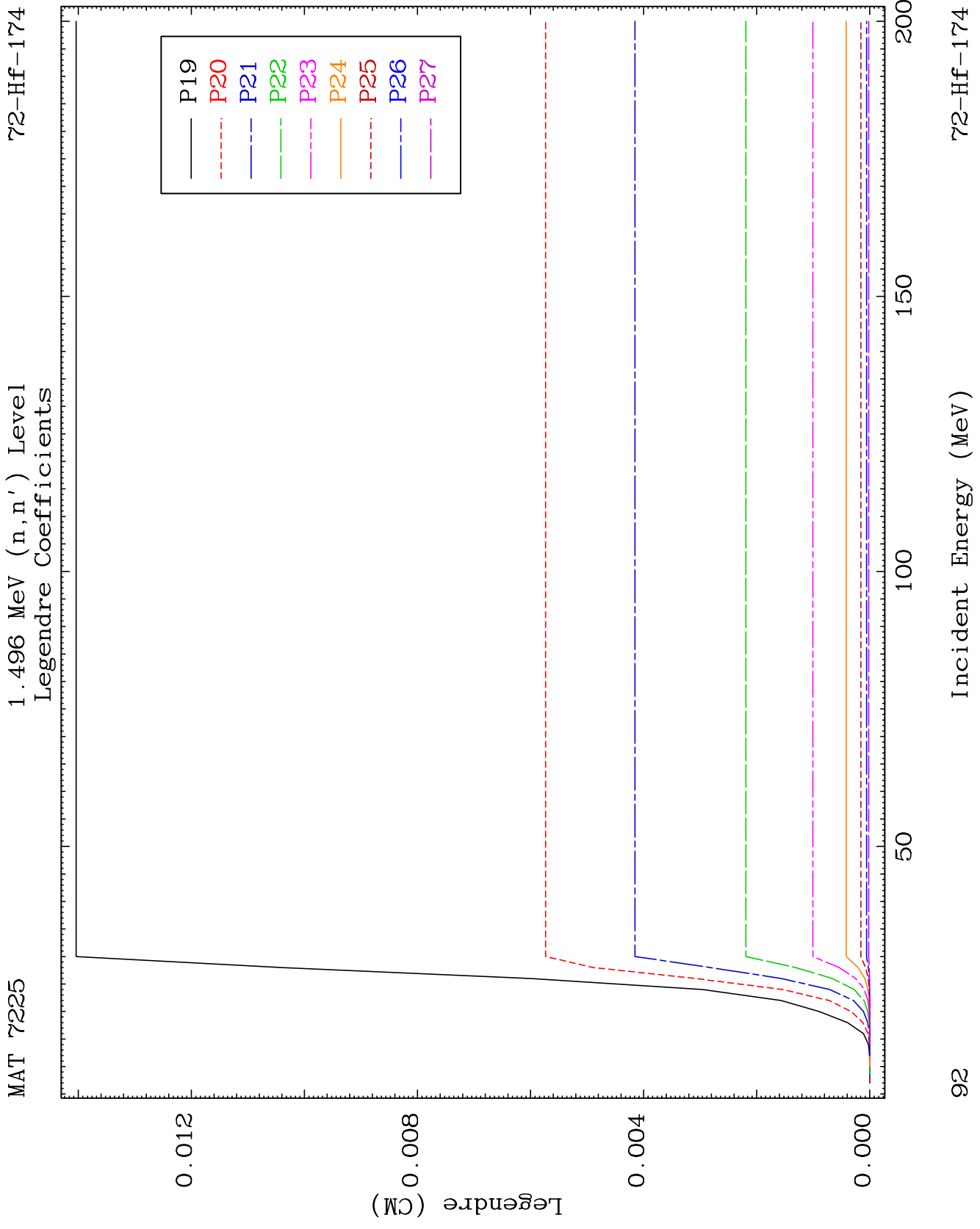
72-Hf-174



91

Incident Energy (MeV)

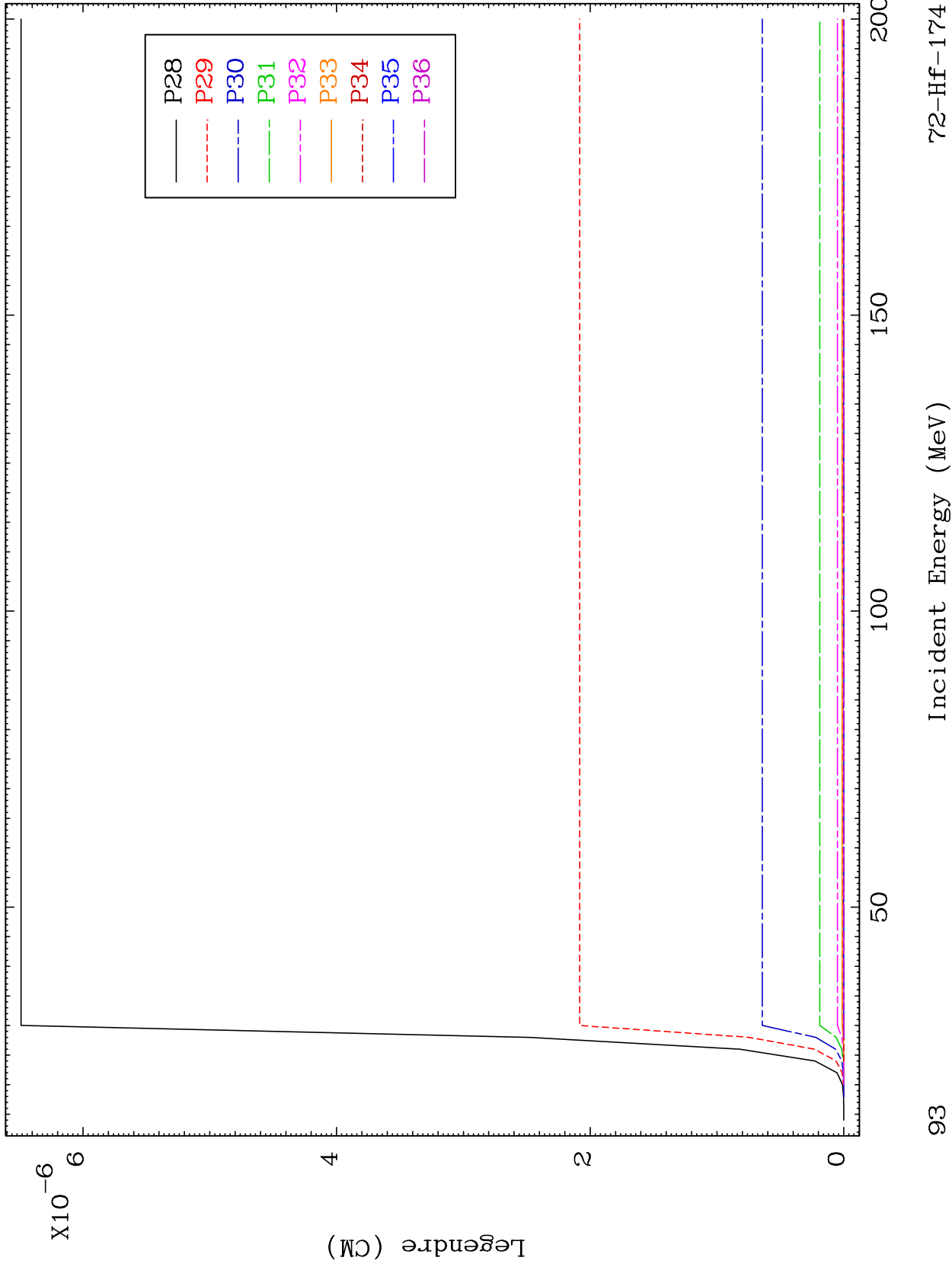
72-Hf-174

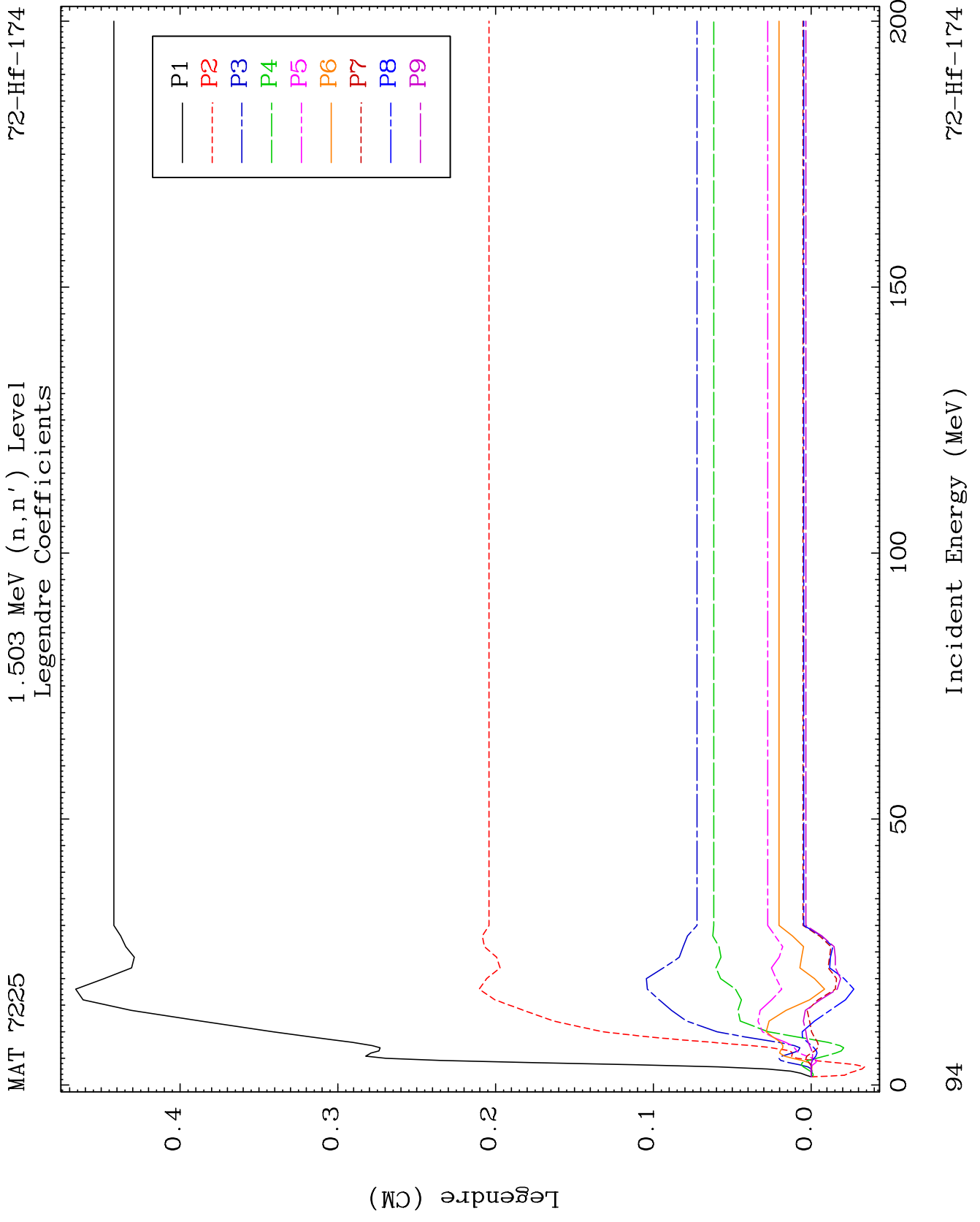


MAT 7225

1.496 MeV (n,n') Level
Legendre Coefficients

72-Hf-174

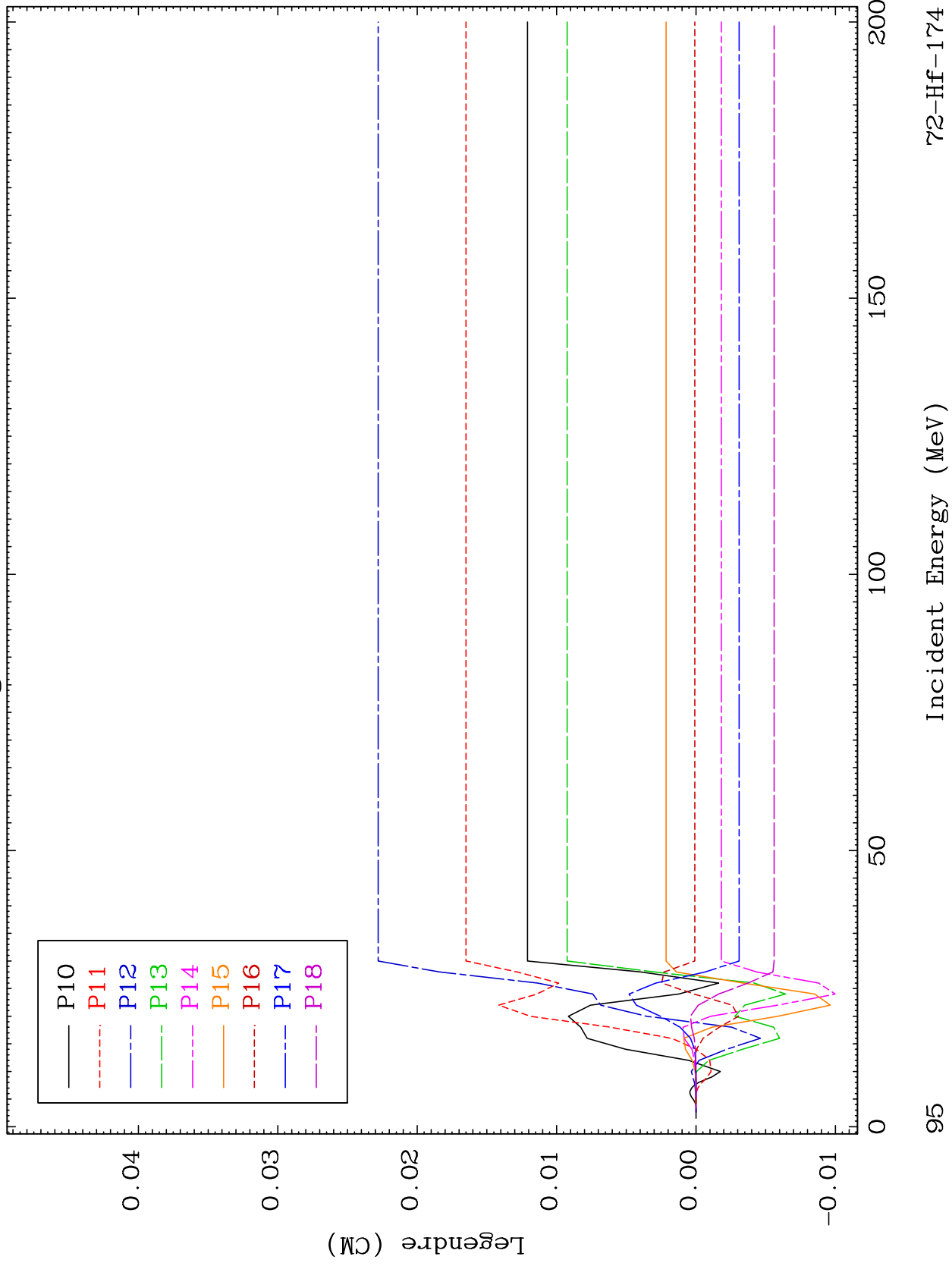




MAT 7225

1.503 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

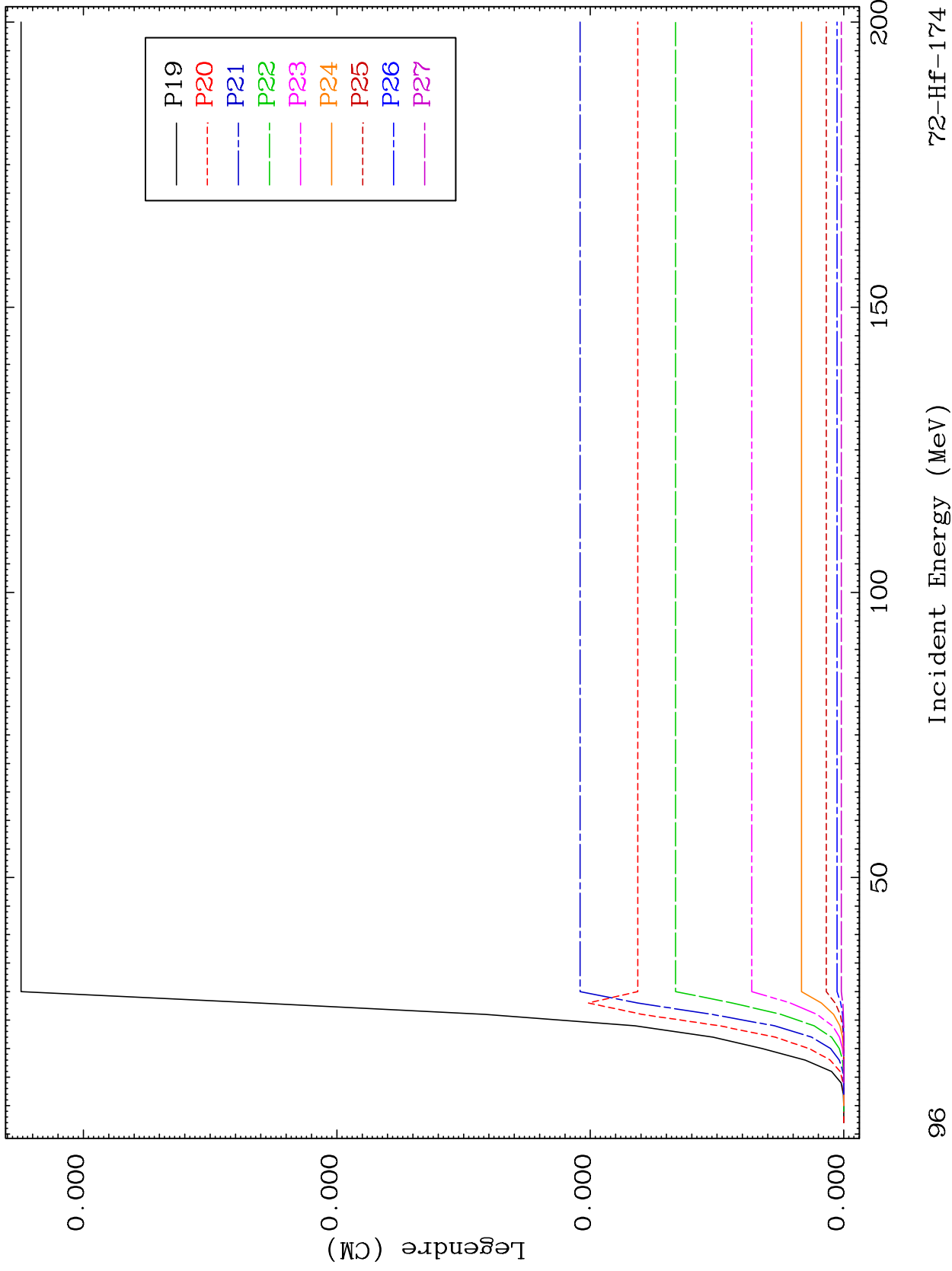
Incident Energy (MeV)

95

MAT 7225

1.503 MeV (n,n') Level
Legendre Coefficients

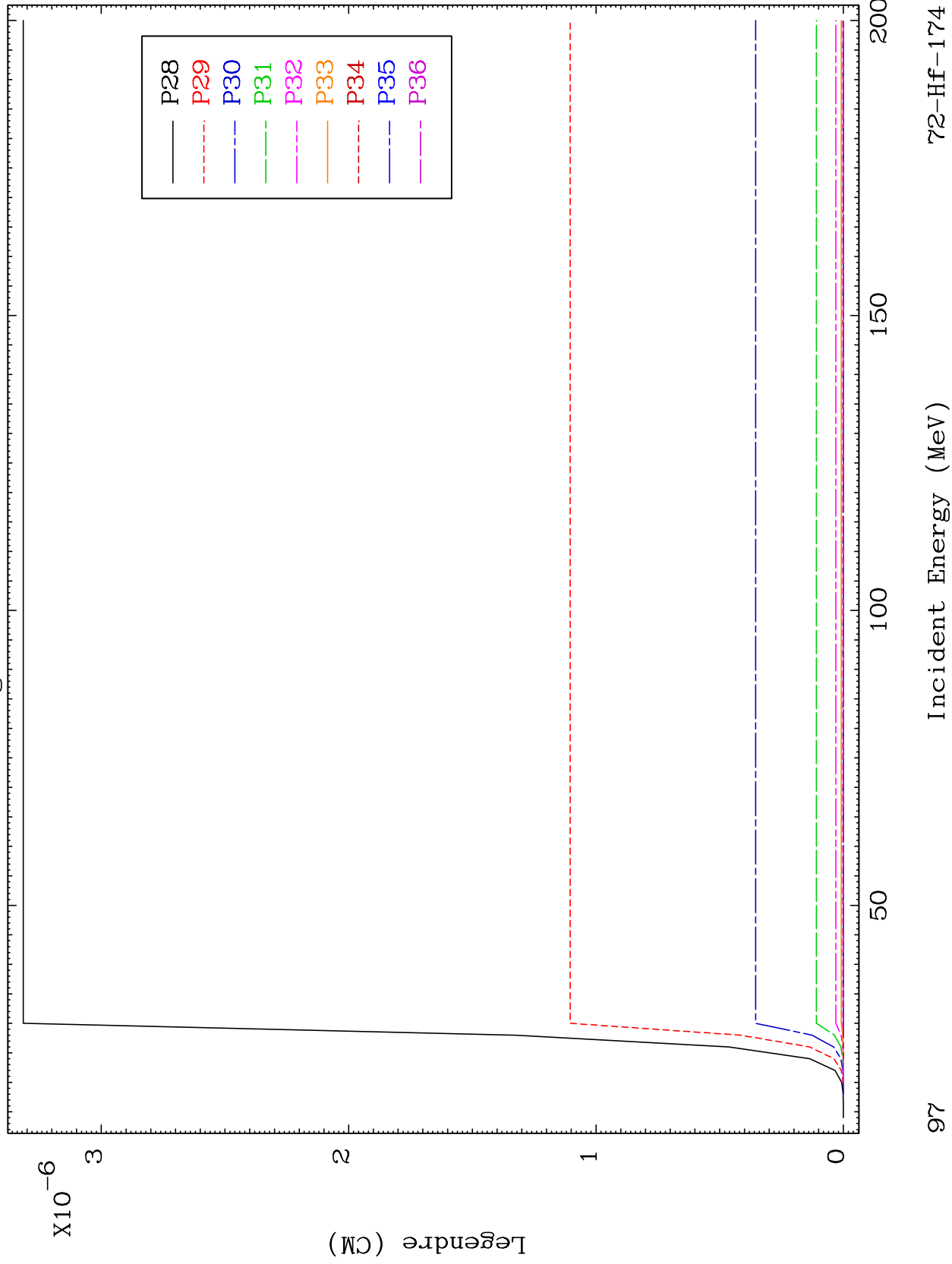
72-Hf-174

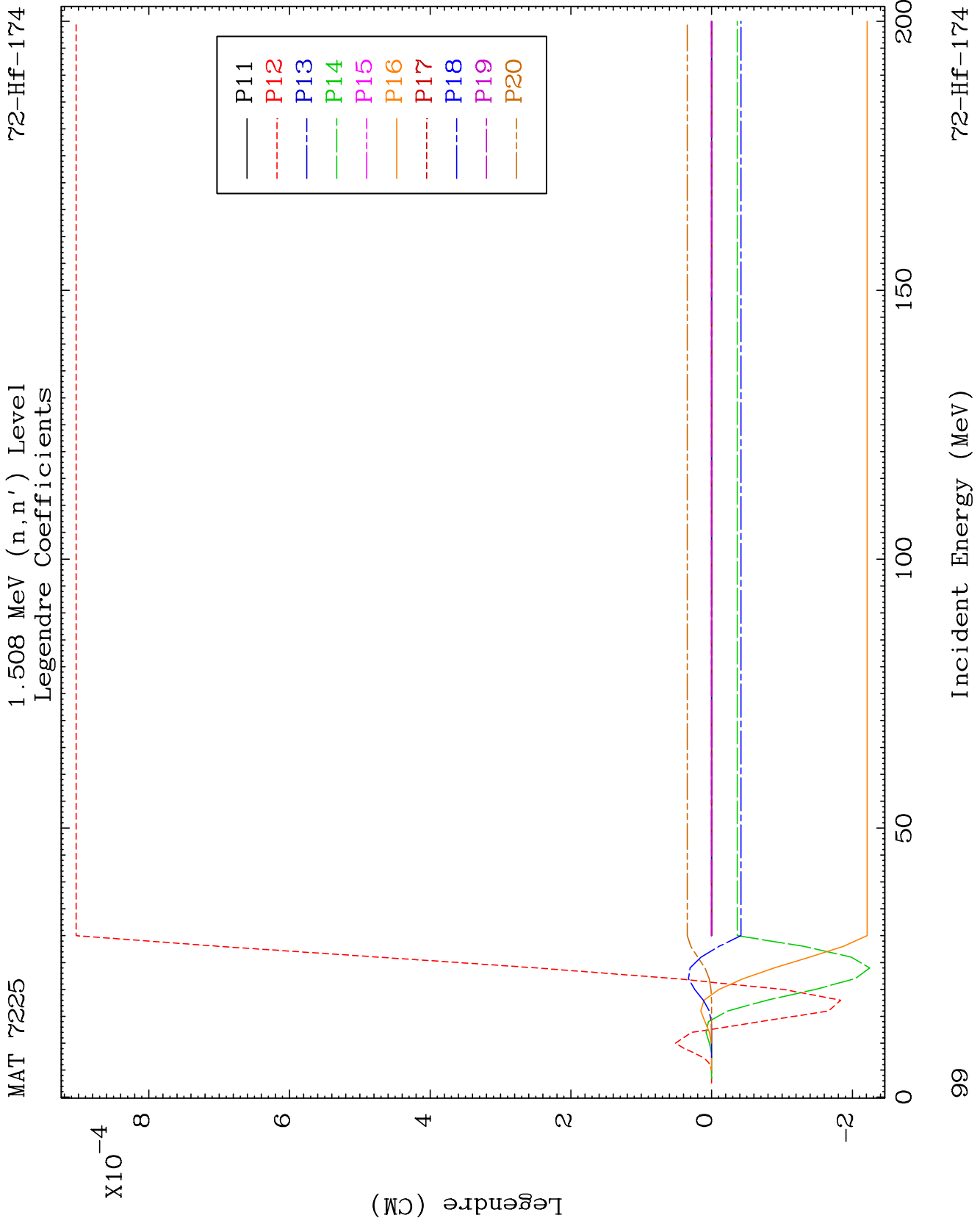


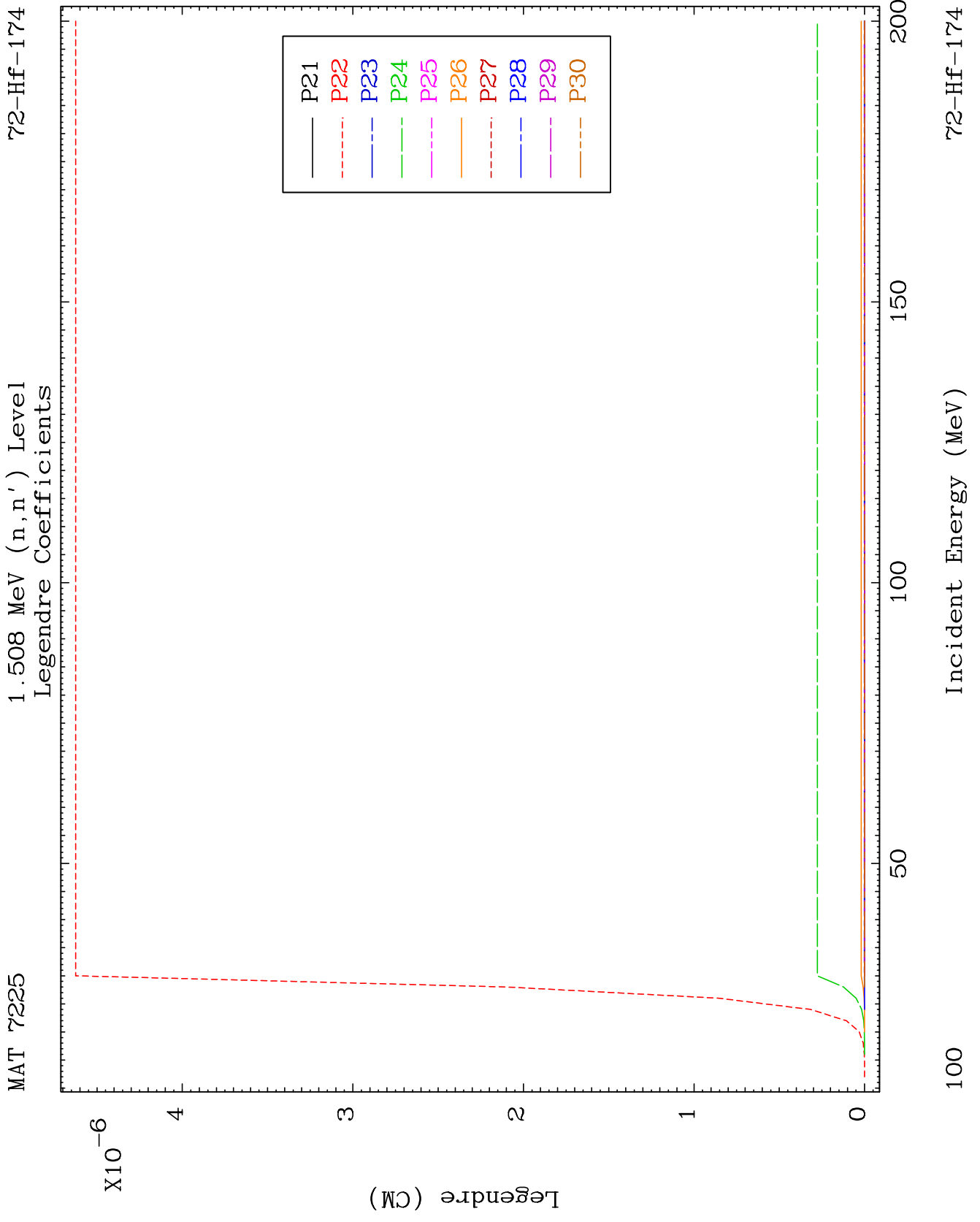
MAT 7225

1.503 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



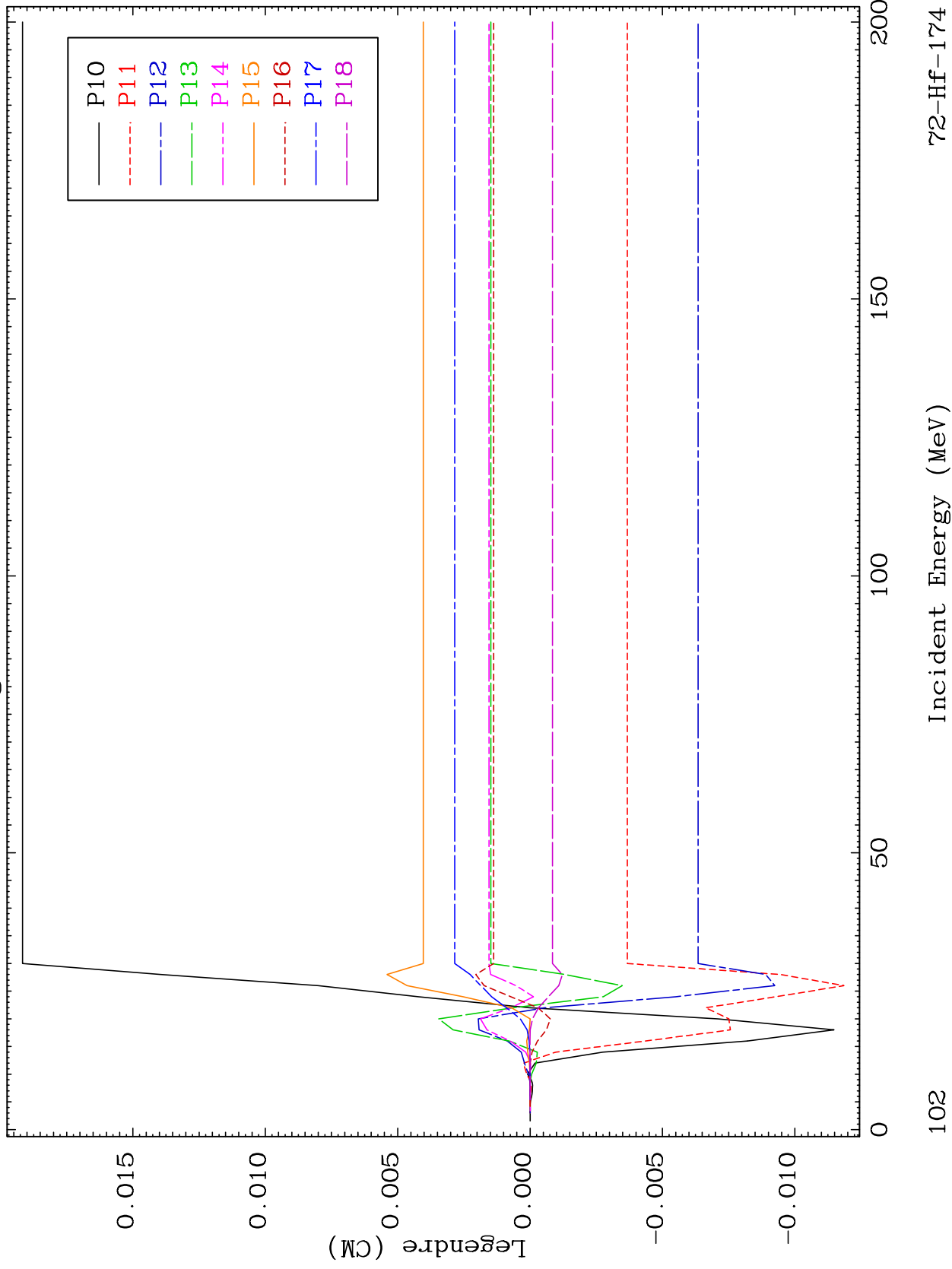




MAT 7225

1.549 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

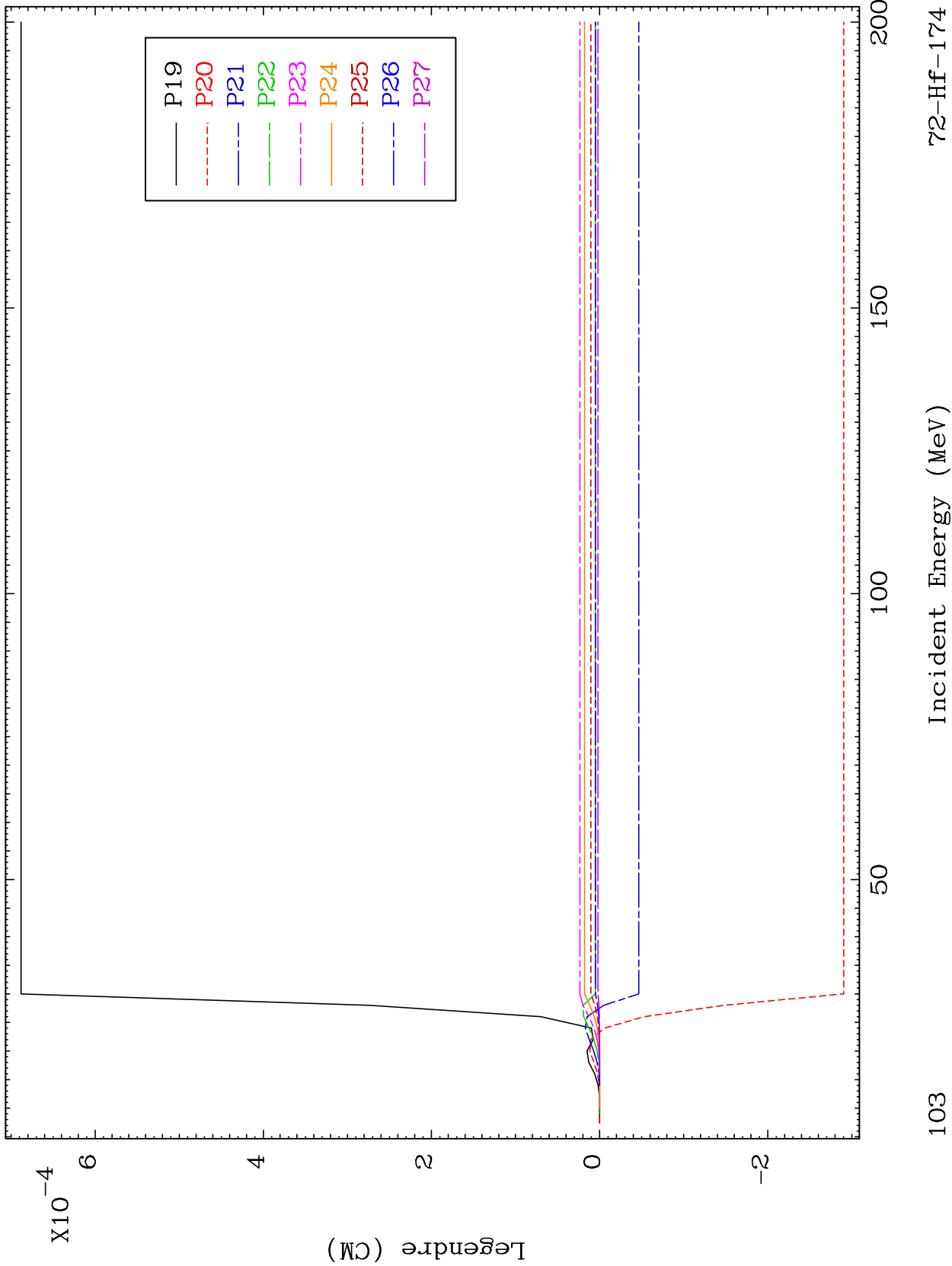
Incident Energy (MeV)

102

MAT 7225

1.549 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



103

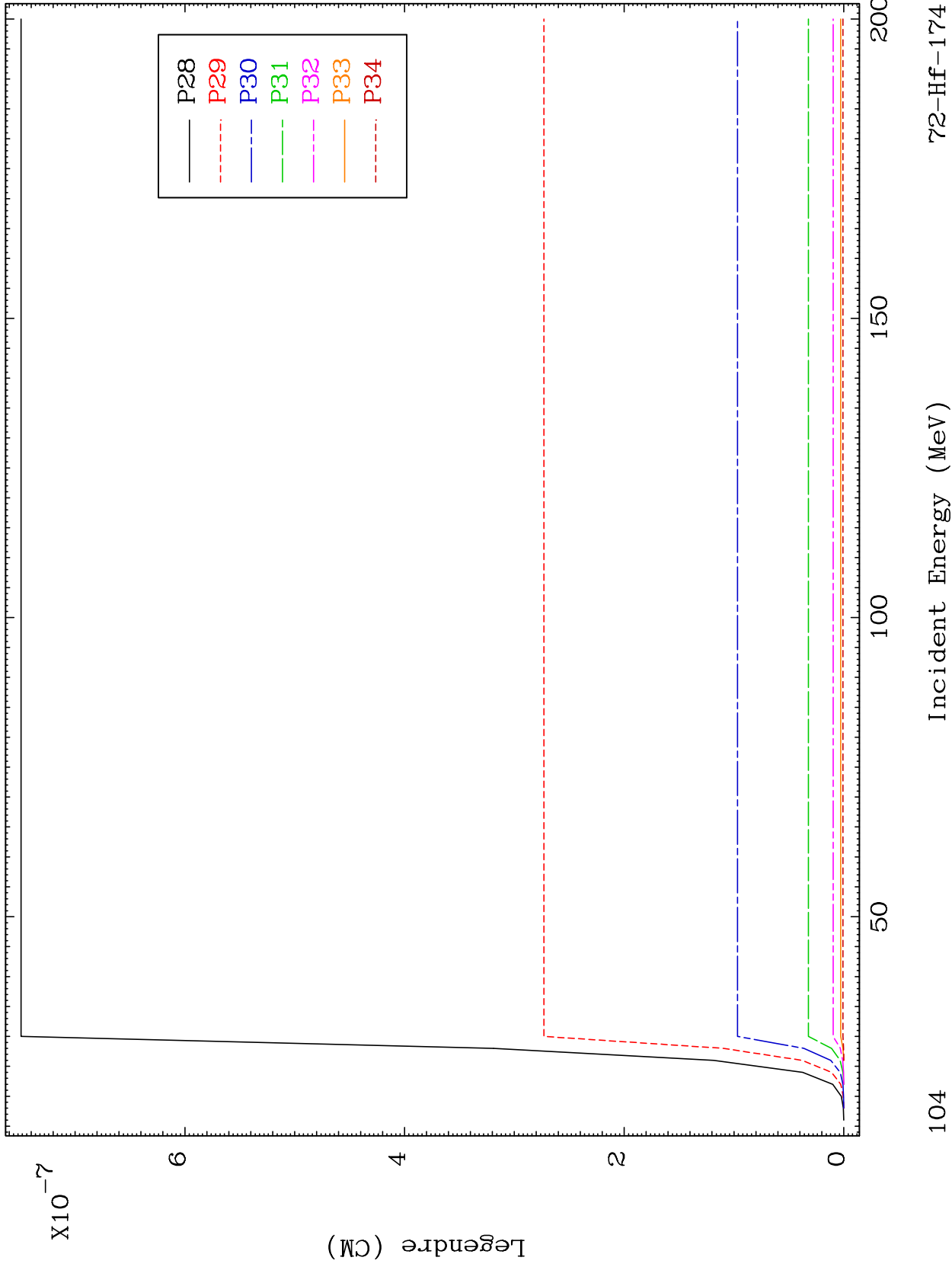
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.549 MeV (n,n') Level
Legendre Coefficients

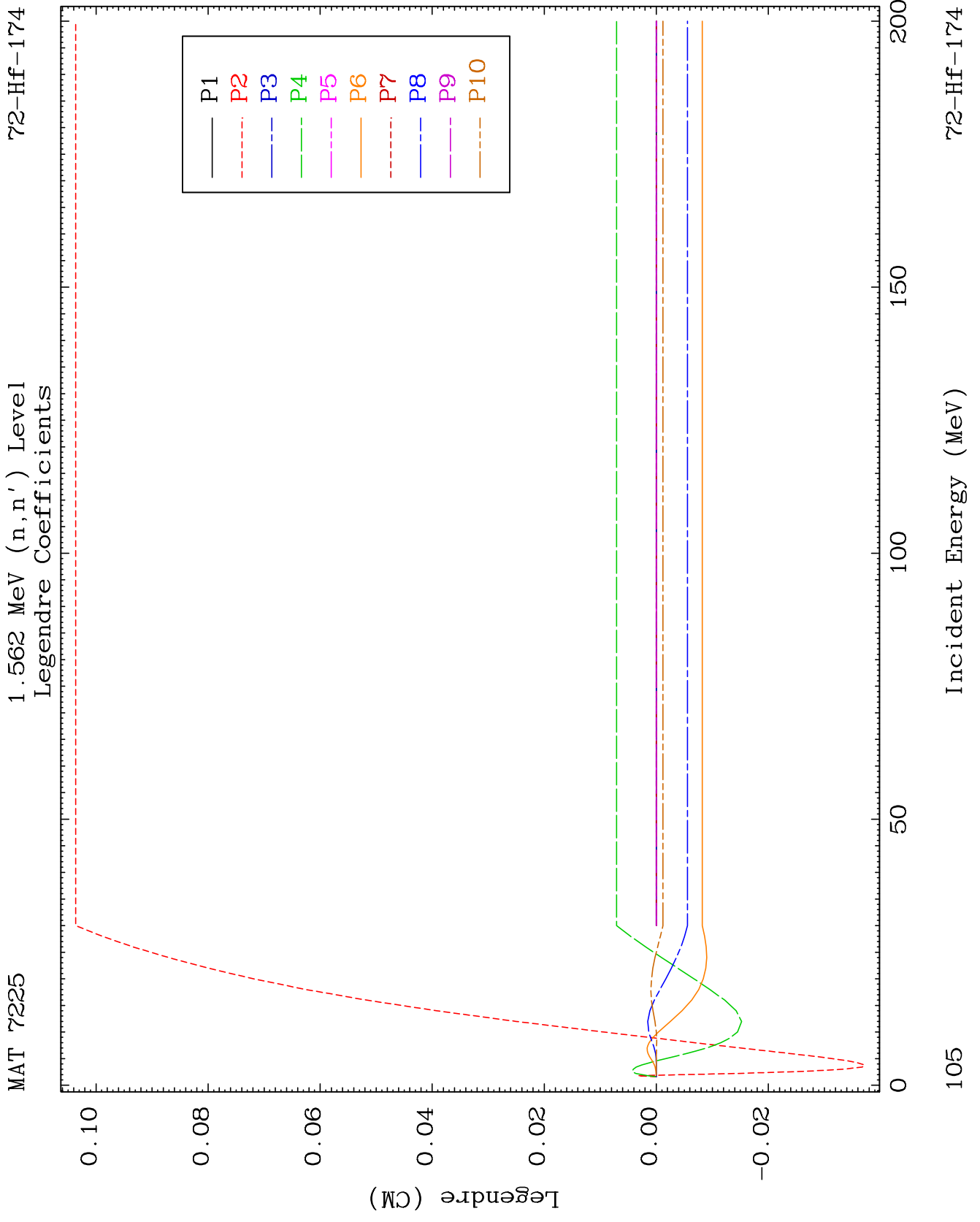
72-Hf-174

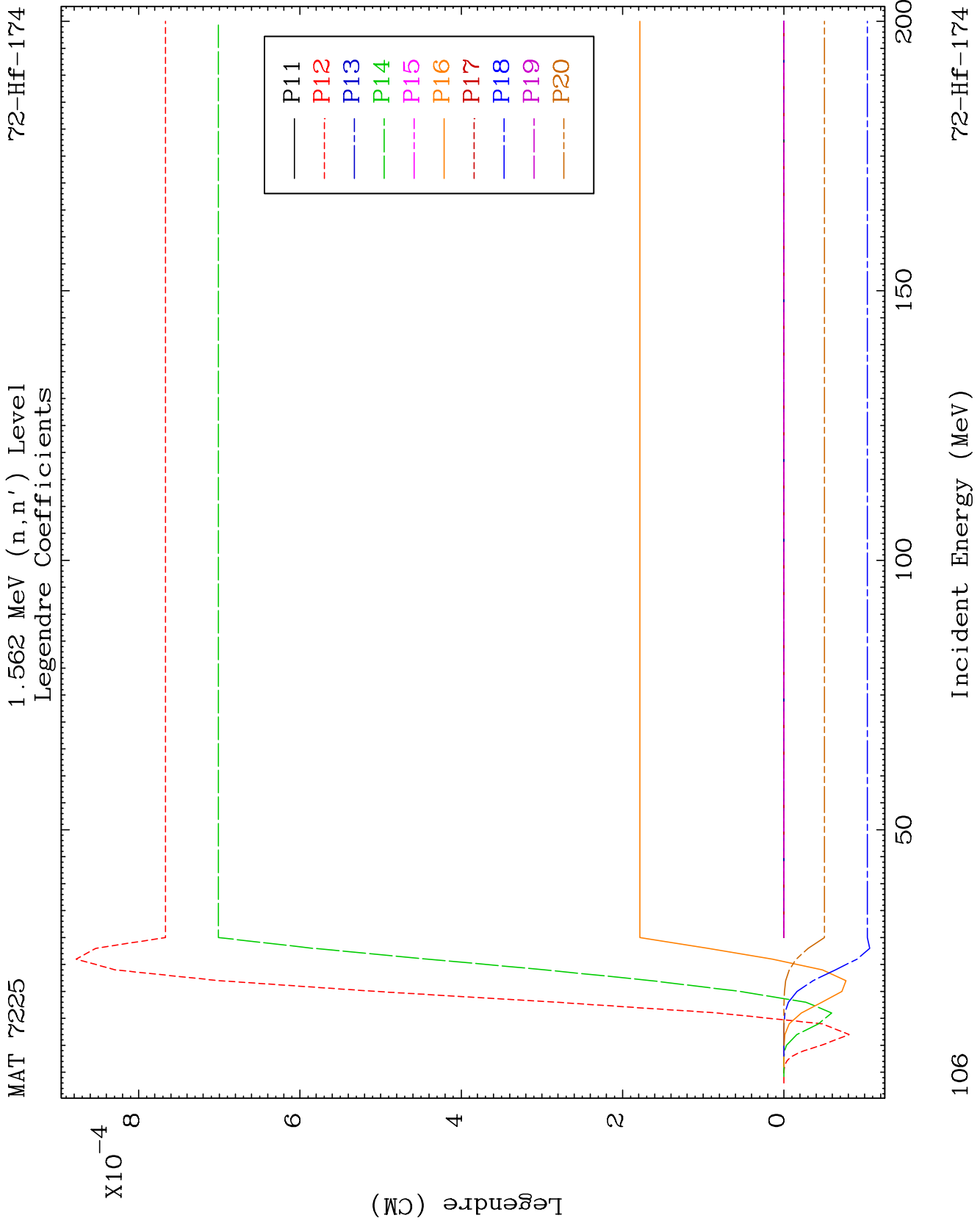


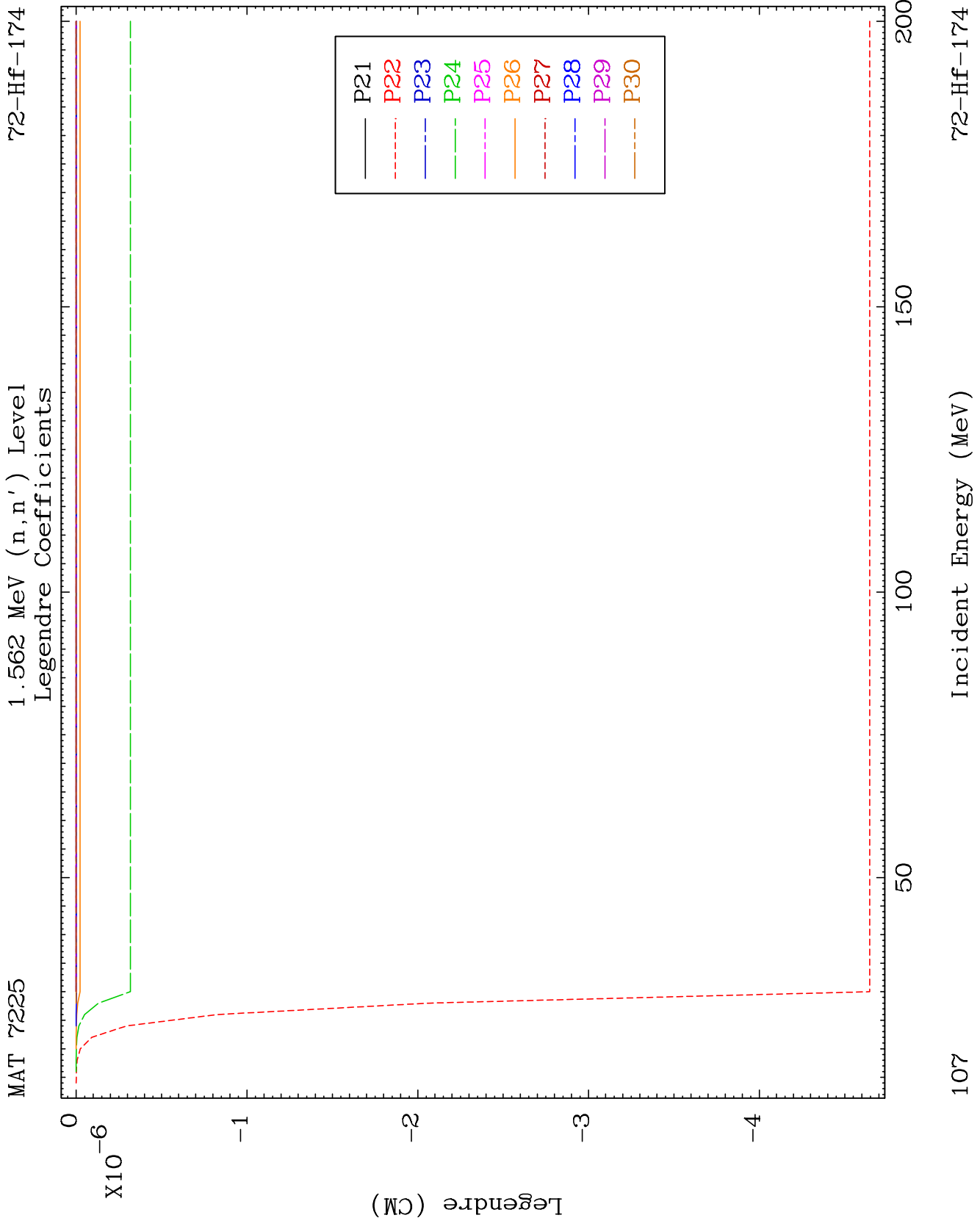
104

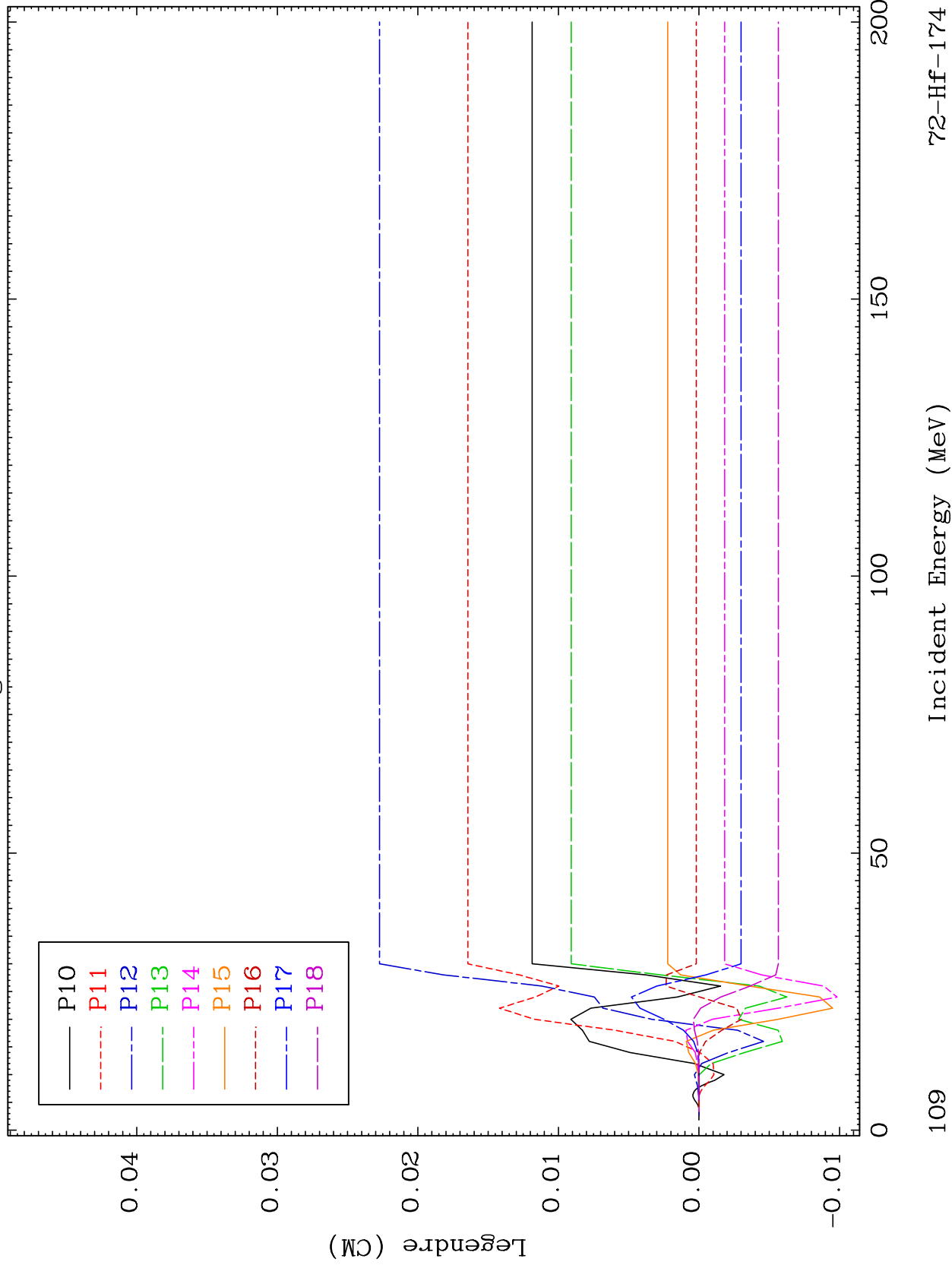
Incident Energy (MeV)

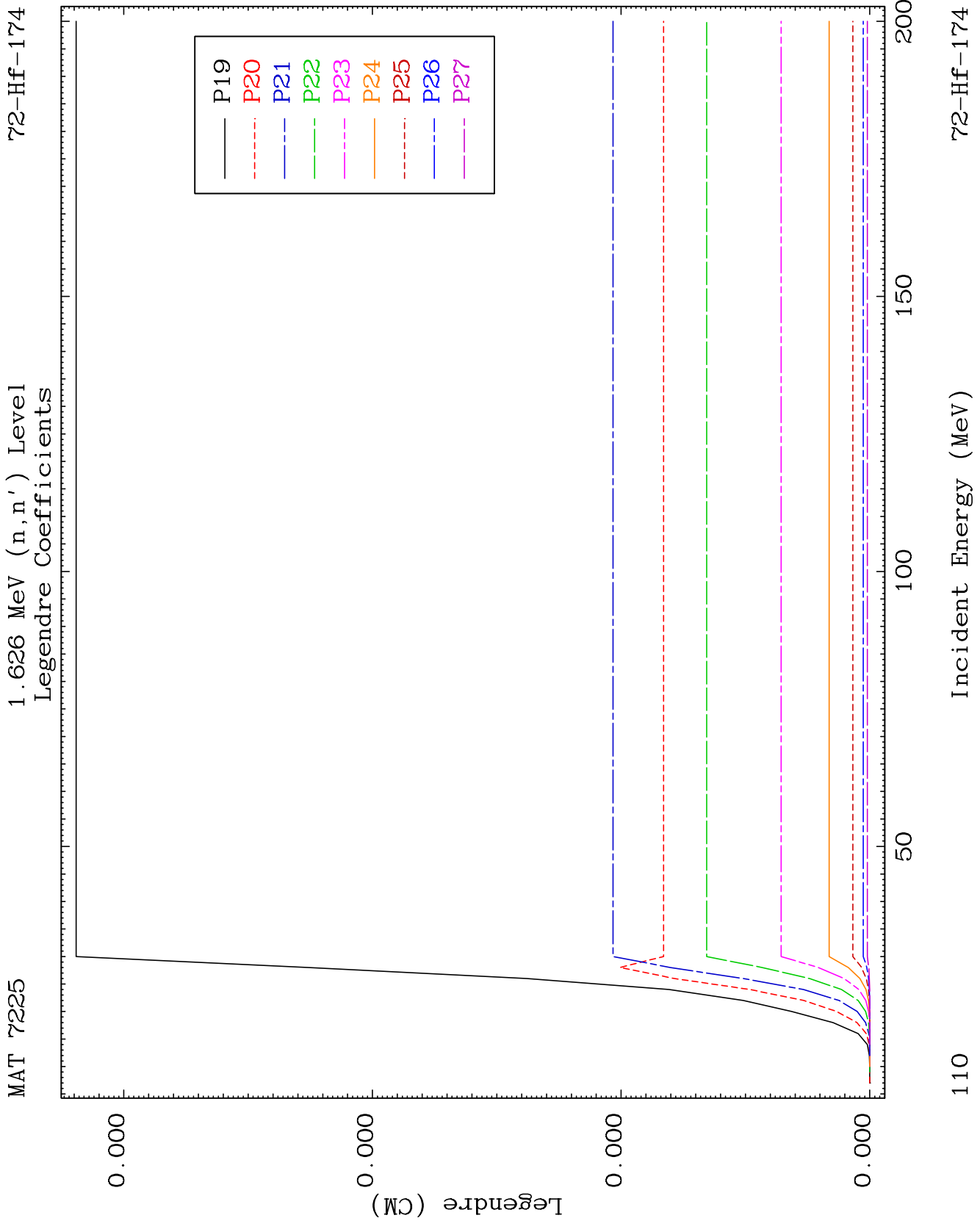
72-Hf-174







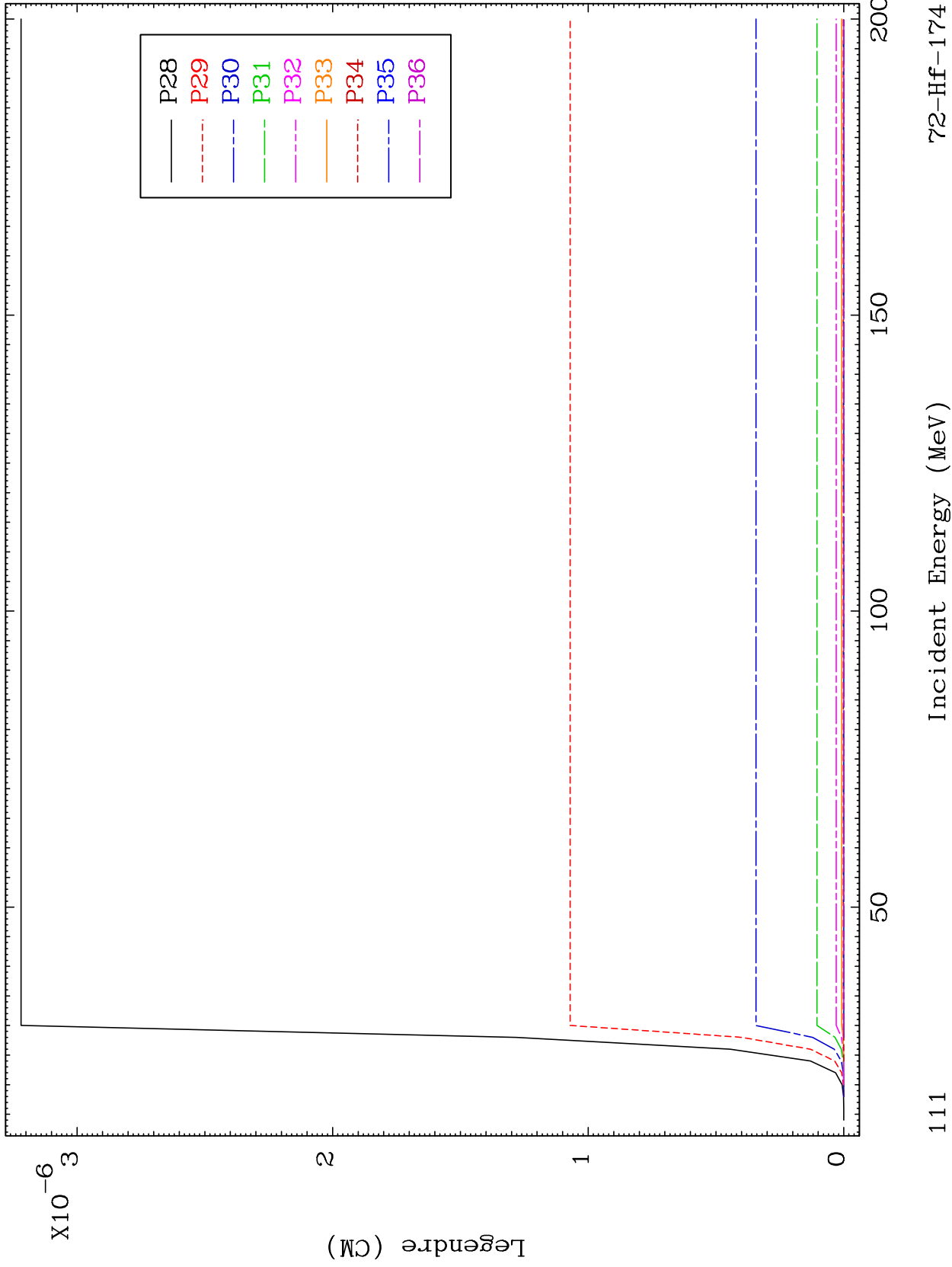




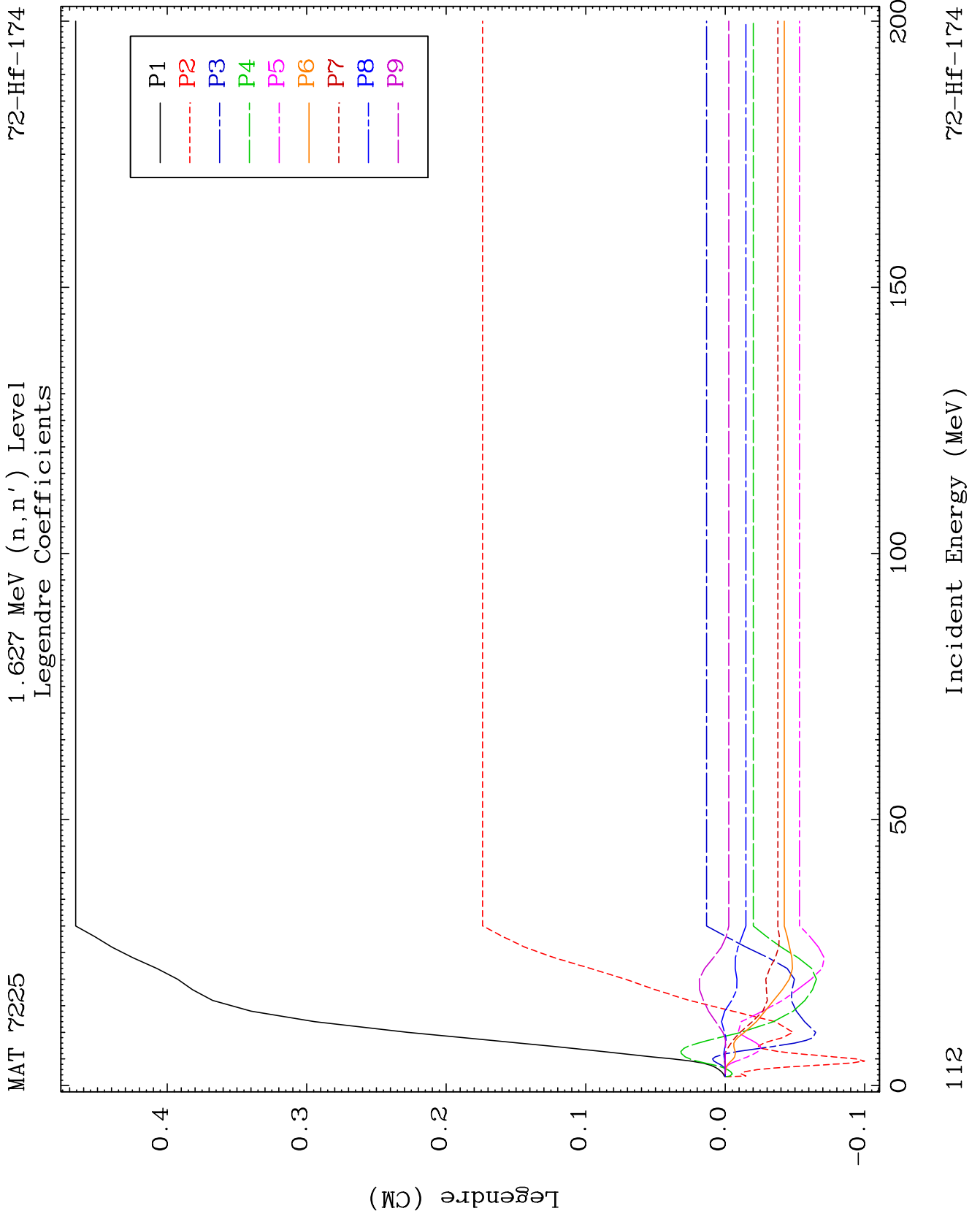
MAT 7225

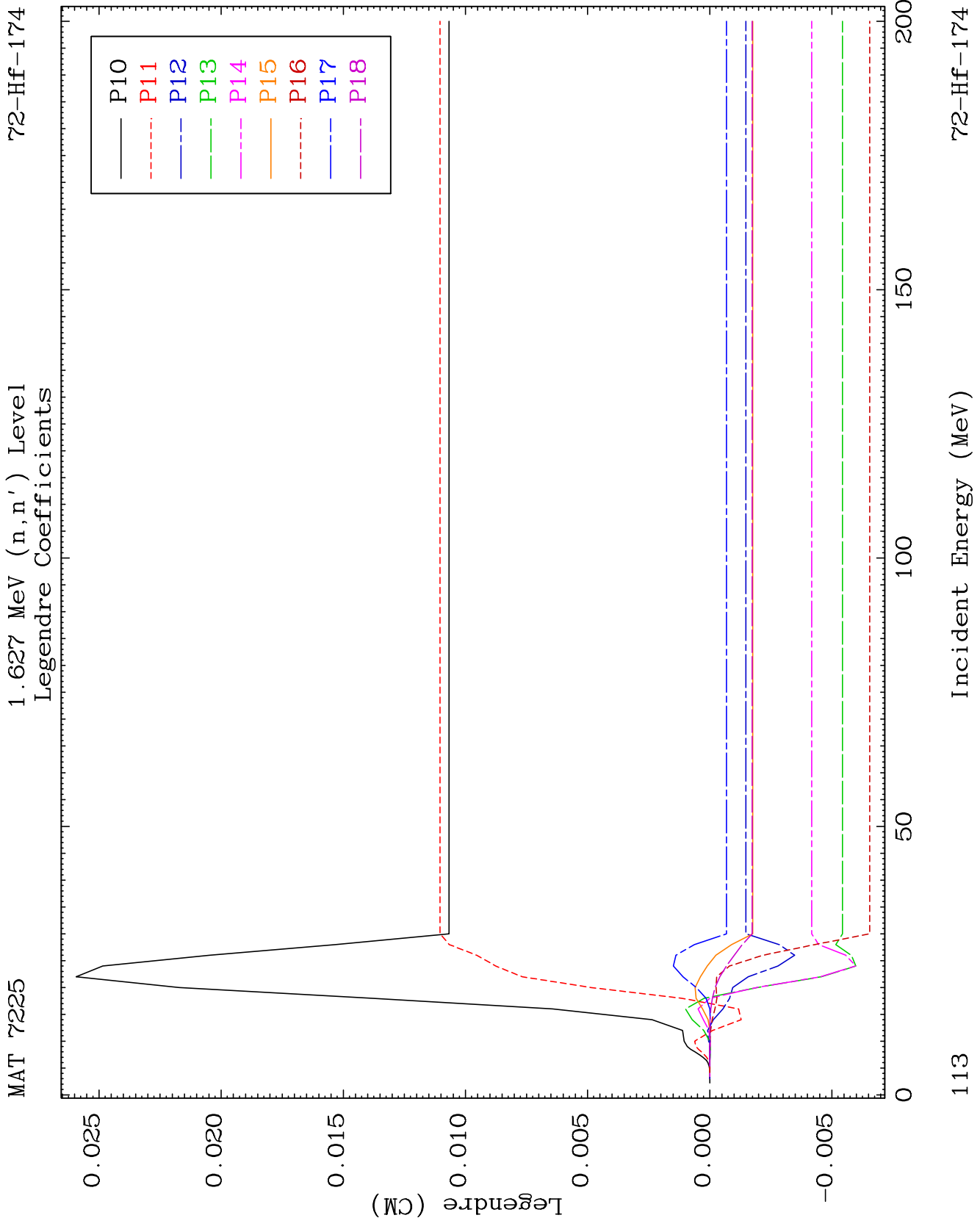
1.626 MeV (n,n') Level
Legendre Coefficients

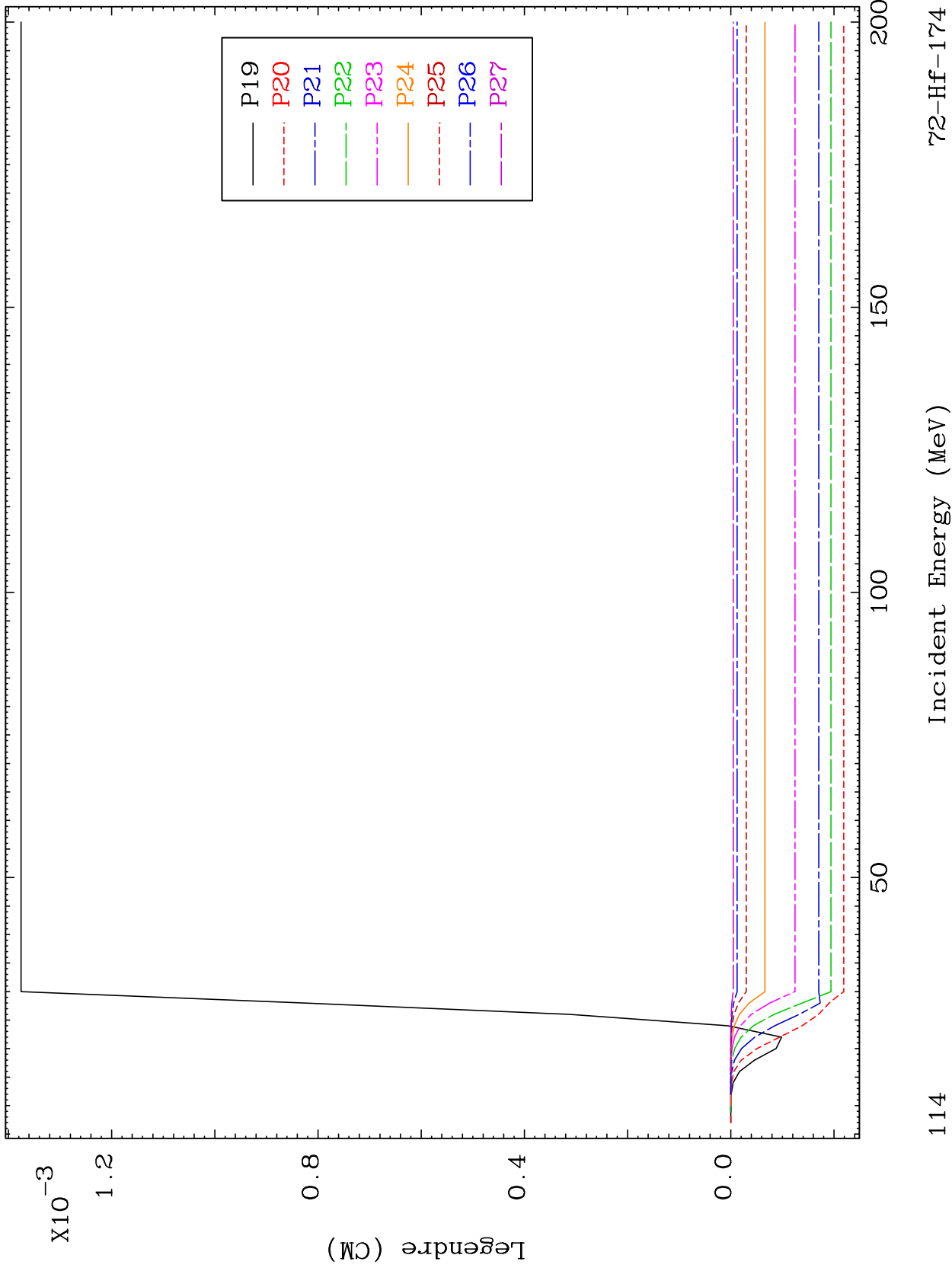
72-Hf-174

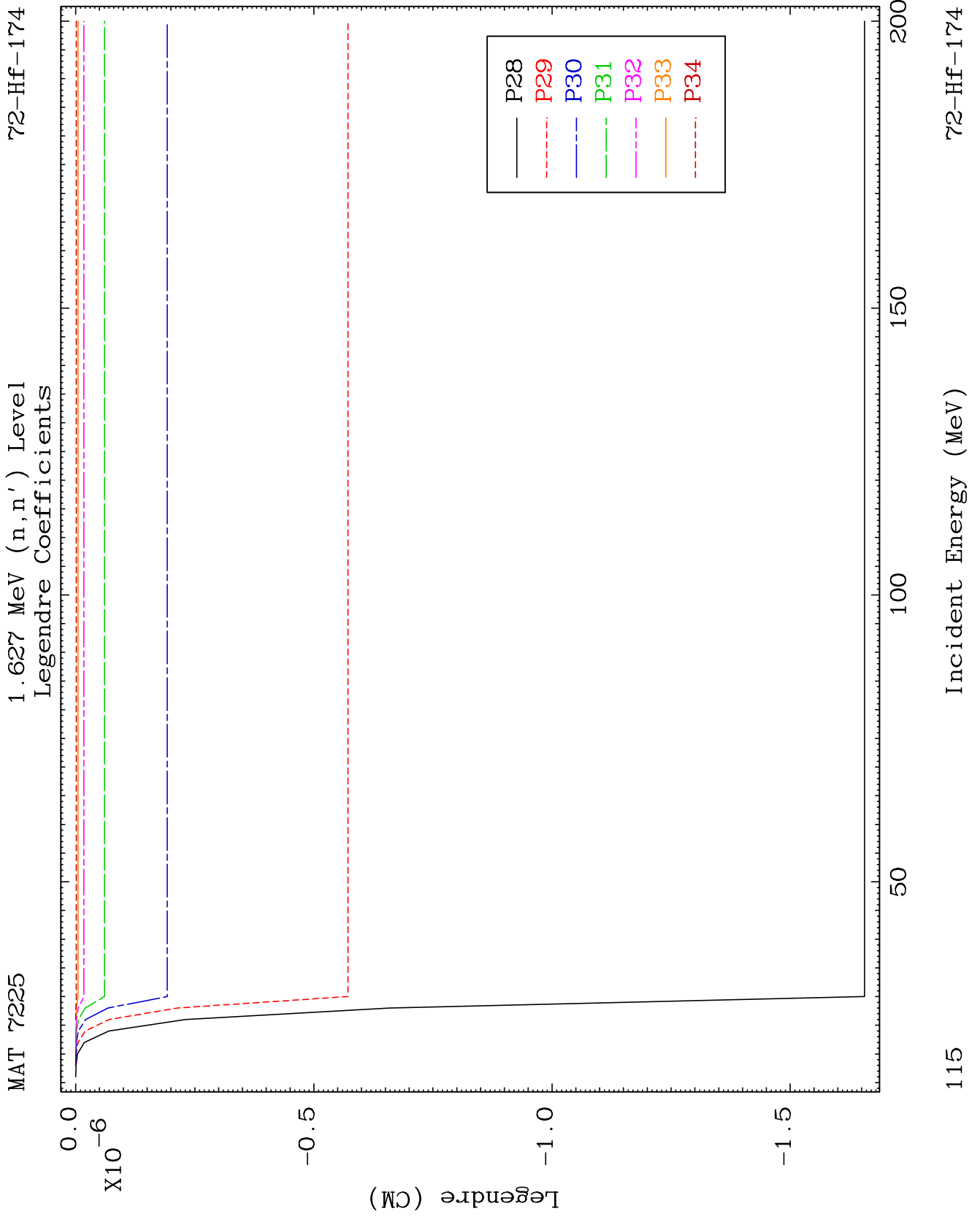


111





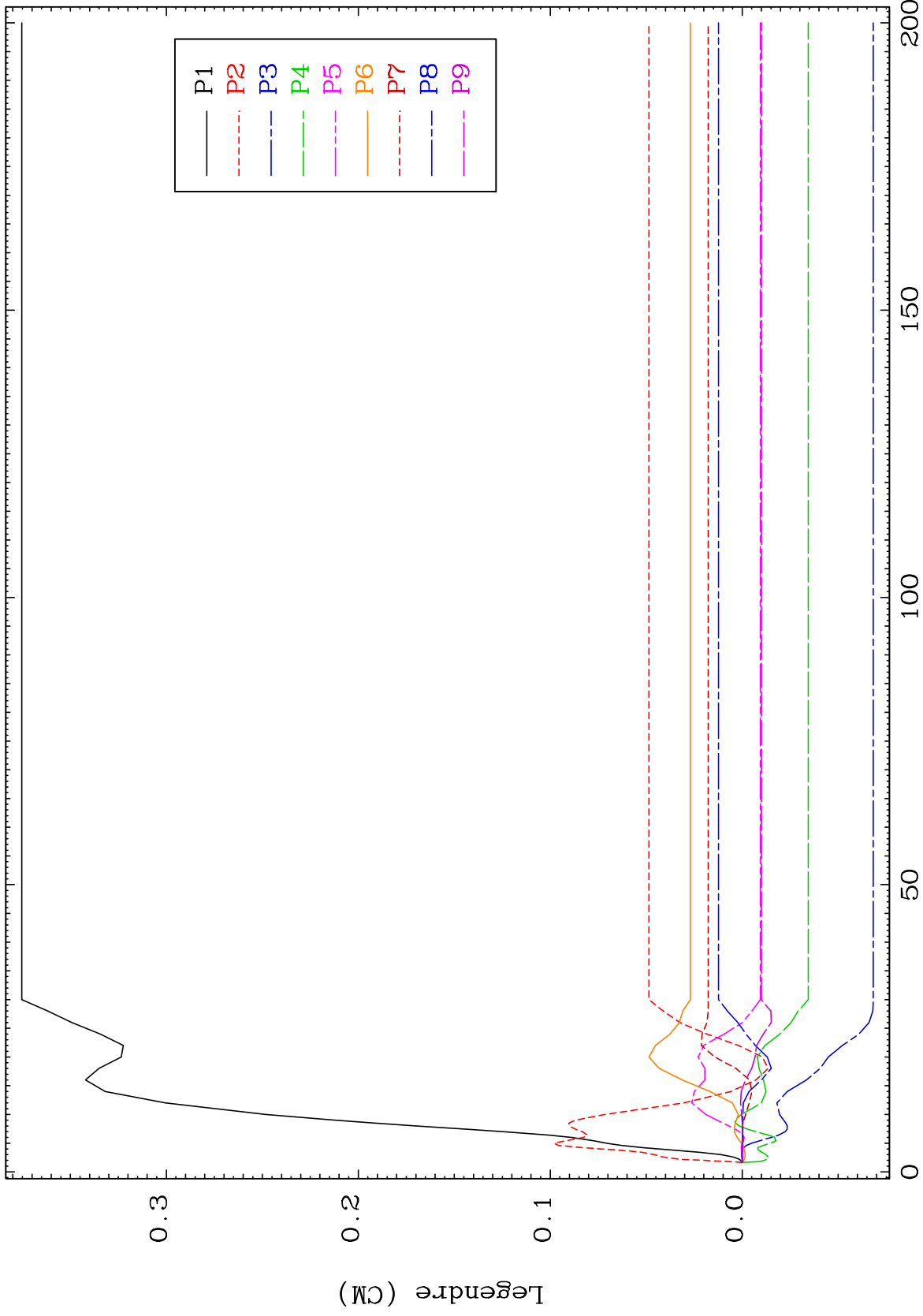




MAT 7225

1.630 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



116

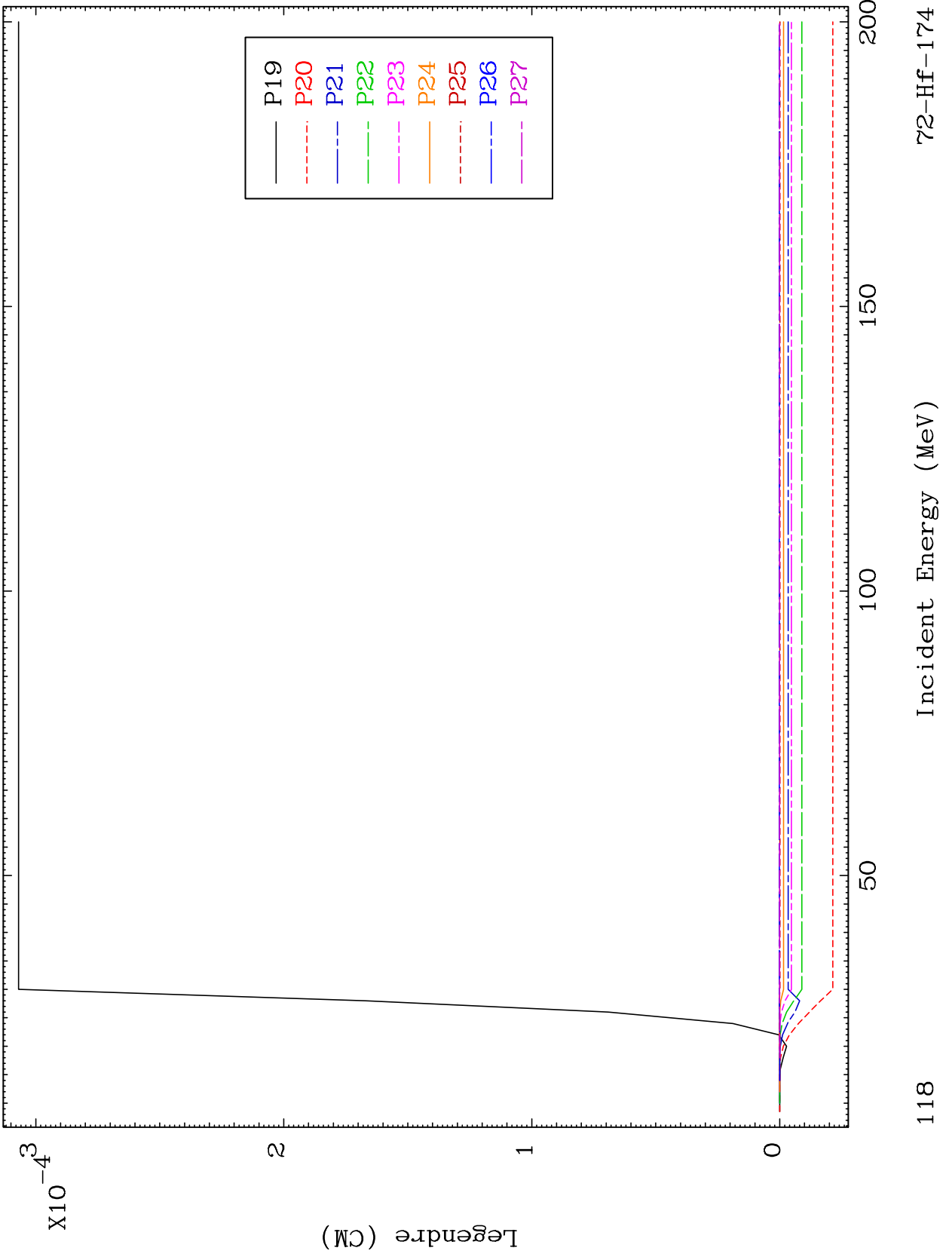
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.630 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



118

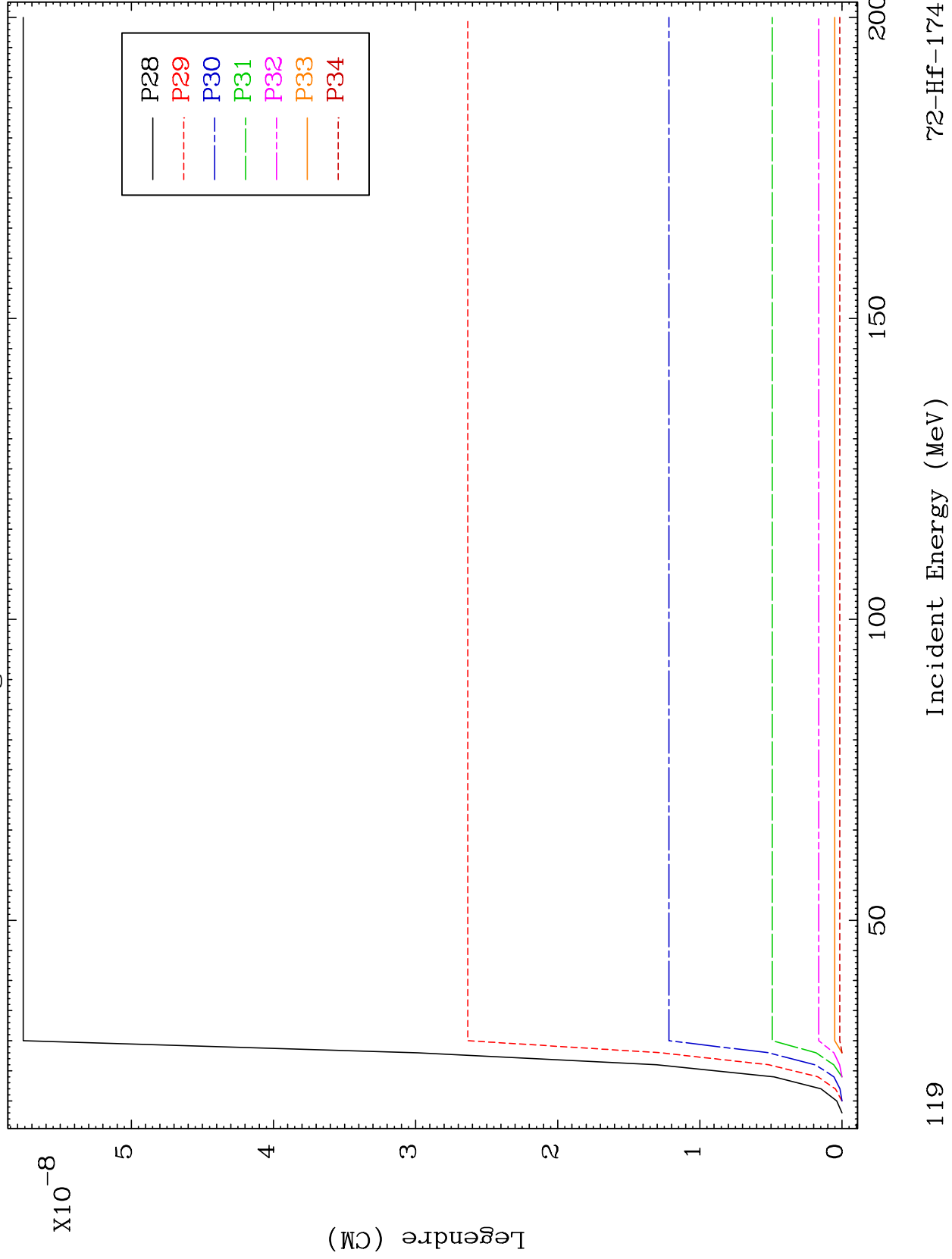
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.630 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



119

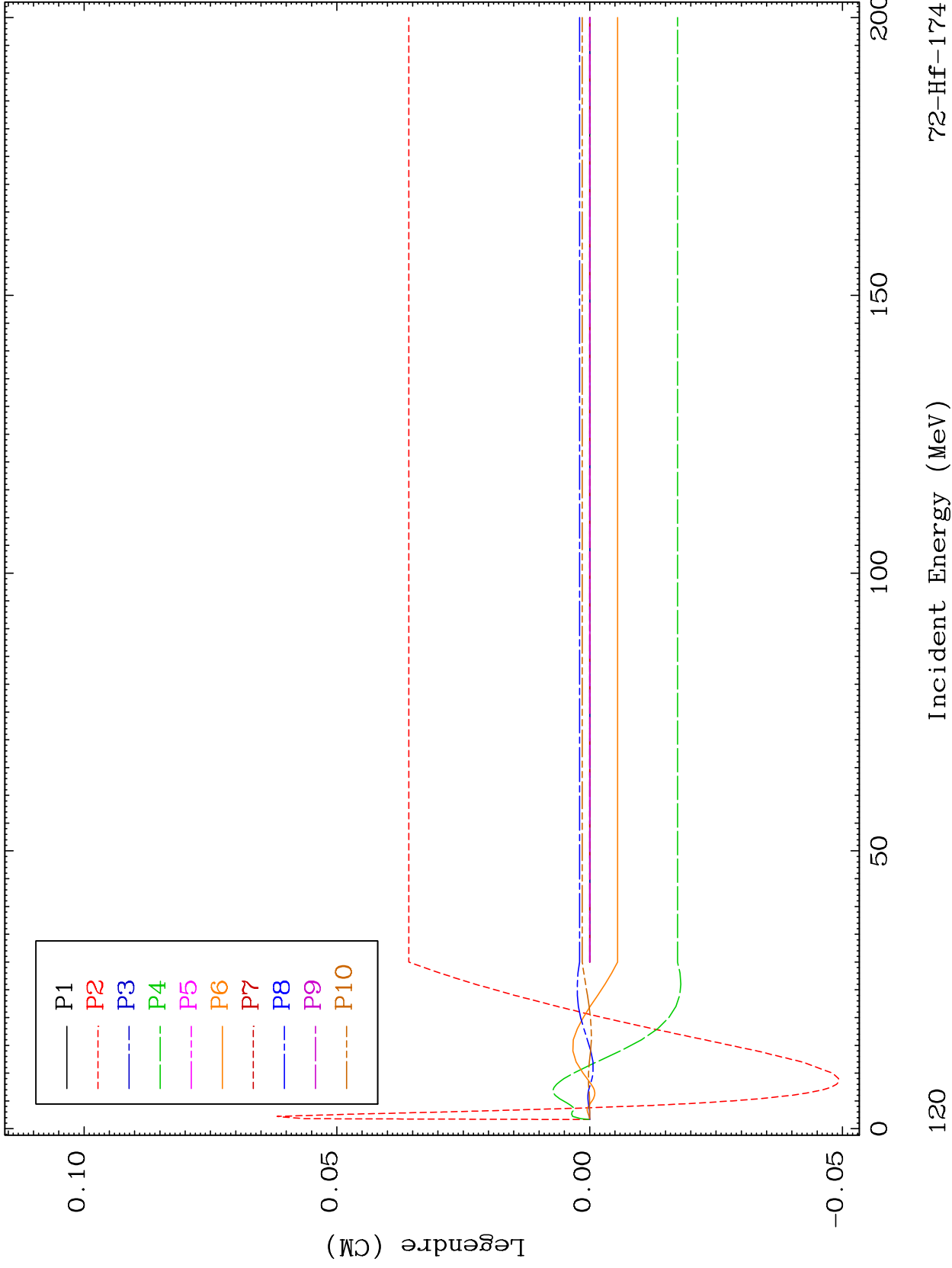
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.634 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

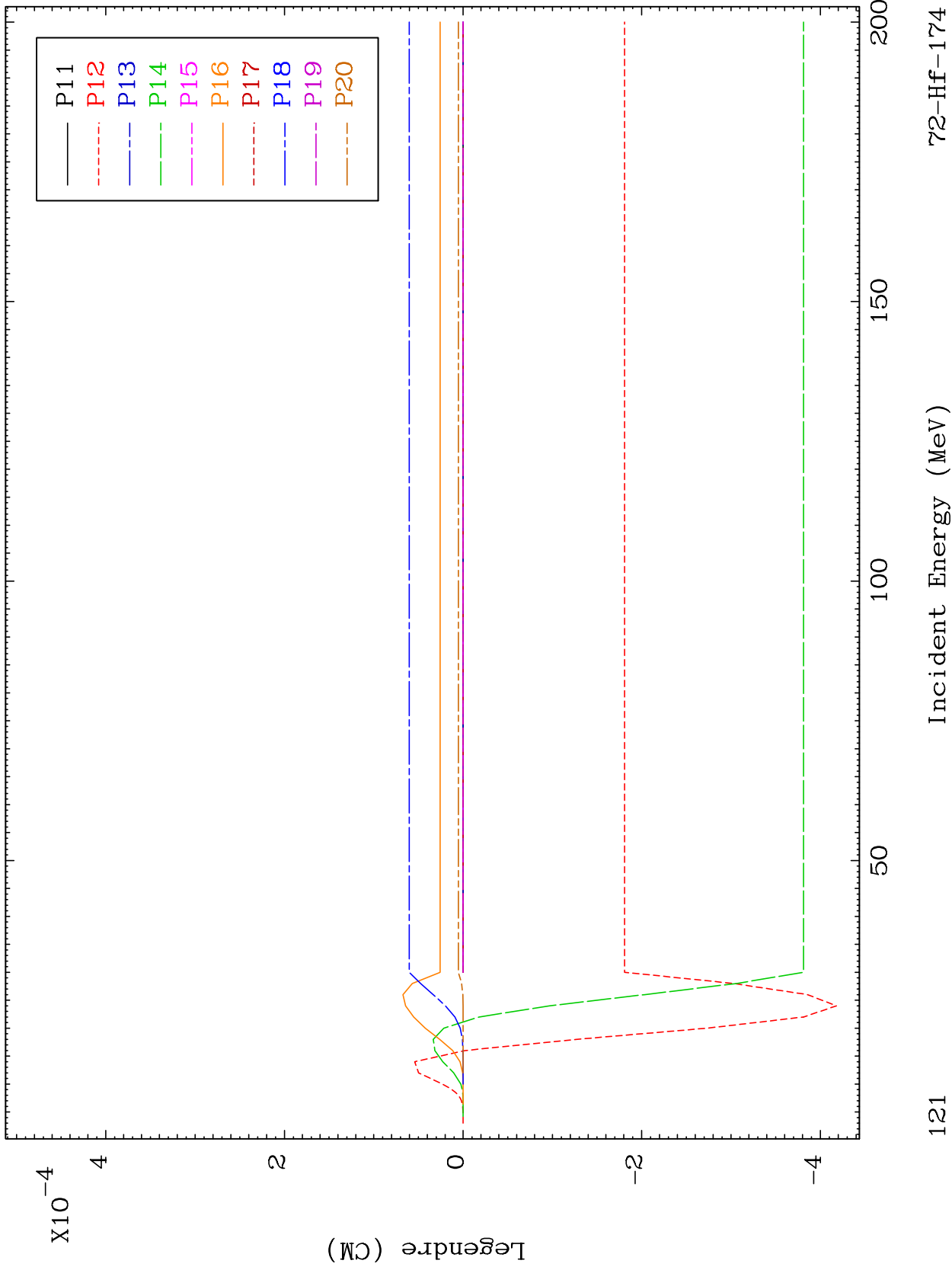
Incident Energy (MeV)

120

MAT 7225

1.634 MeV (n,n') Level
Legendre Coefficients

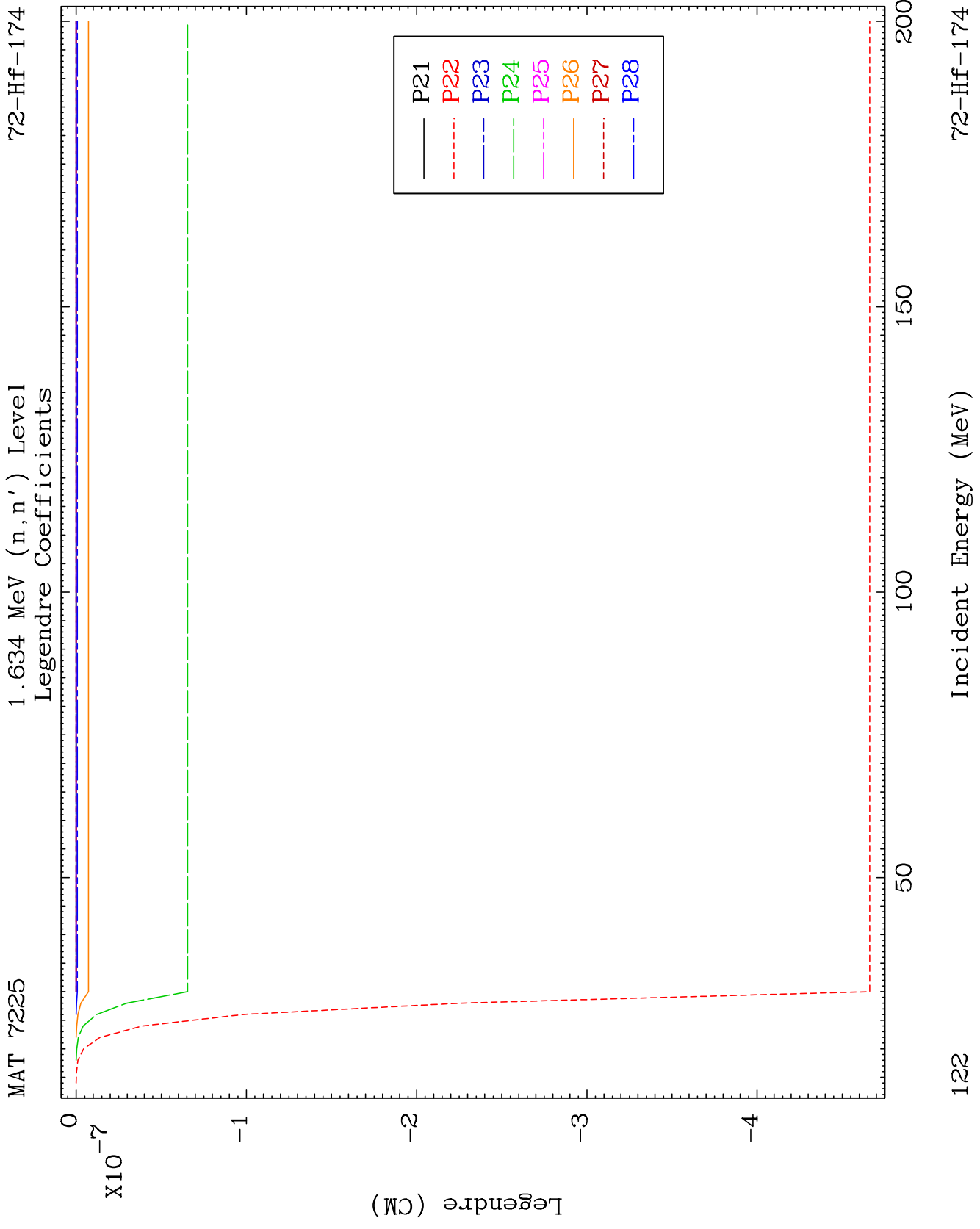
72-Hf-174



121

Incident Energy (MeV)

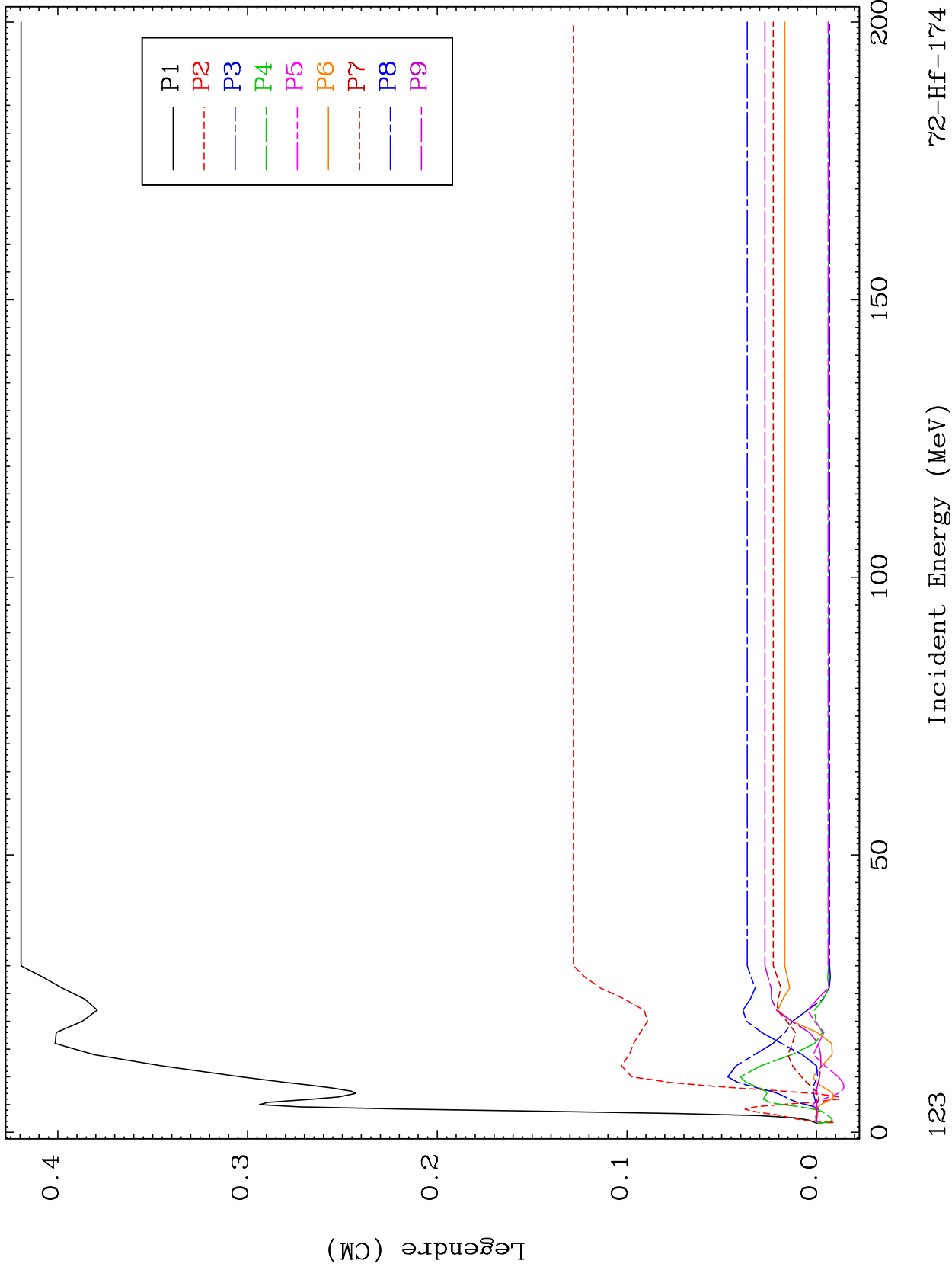
72-Hf-174



MAT 7225

1.642 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



123

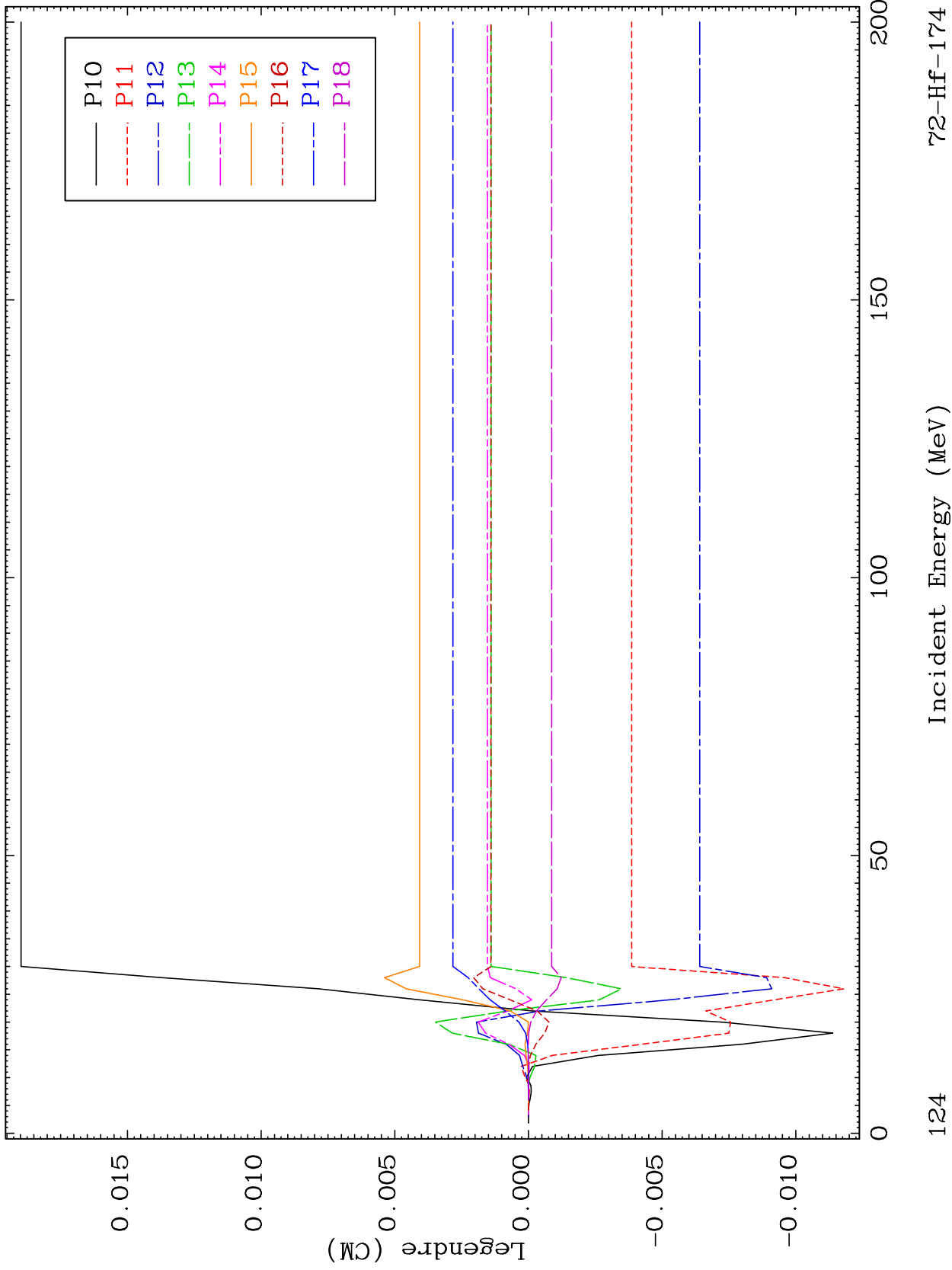
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.642 MeV (n,n') Level
Legendre Coefficients

72-Hf-174



124

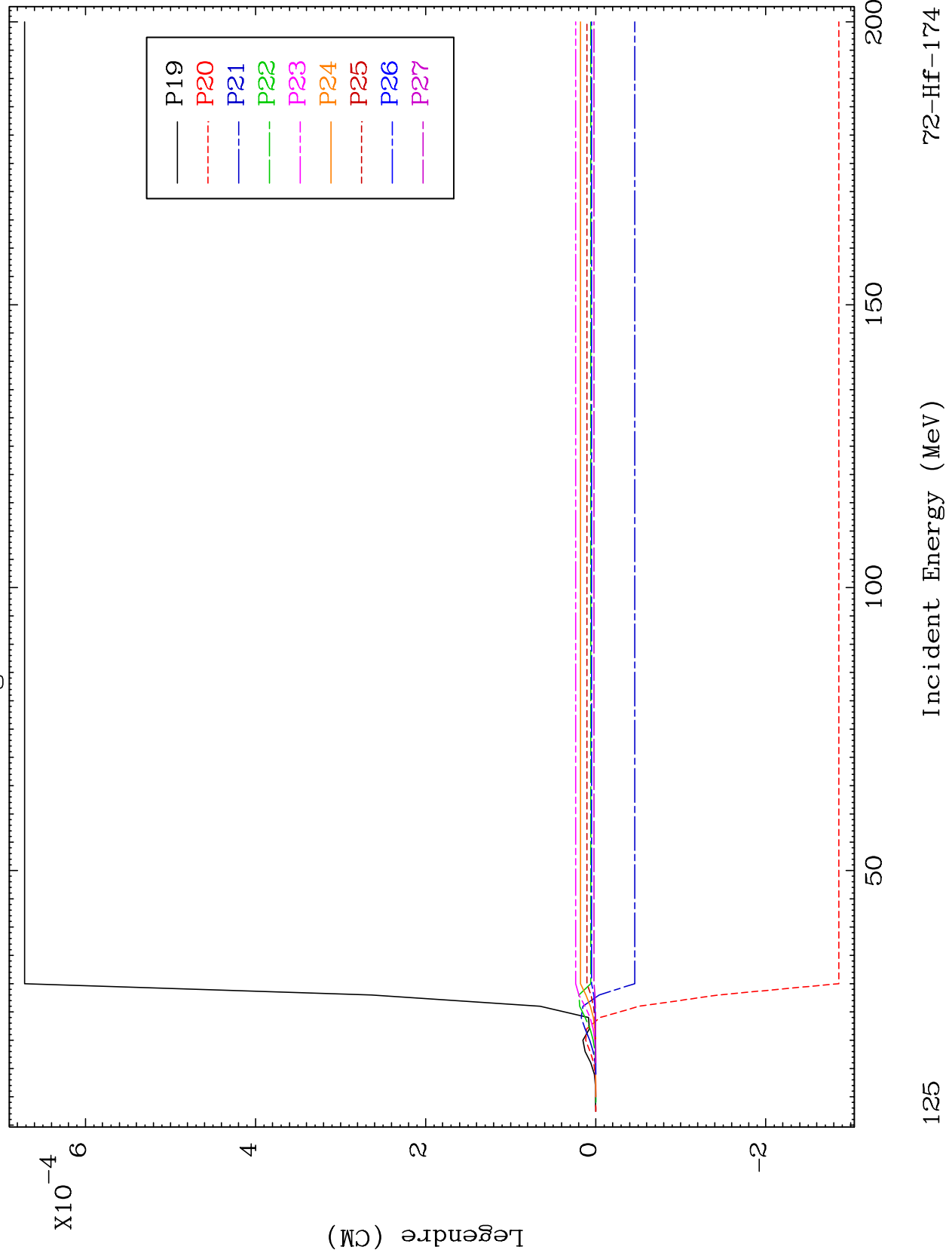
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.642 MeV (n, n') Level
Legendre Coefficients

72-Hf-174



125

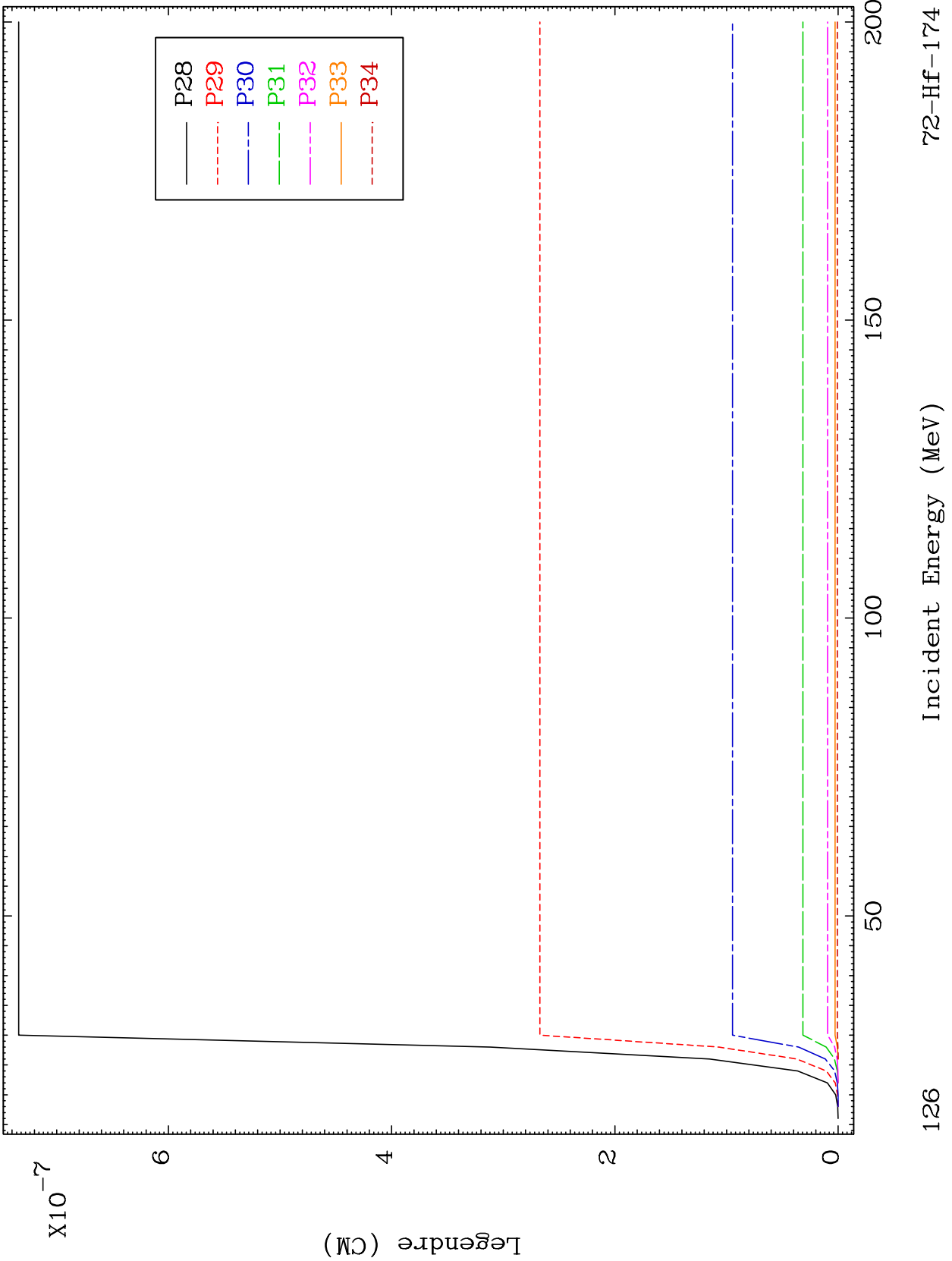
Incident Energy (MeV)

72-Hf-174

MAT 7225

1.642 MeV (n,n') Level
Legendre Coefficients

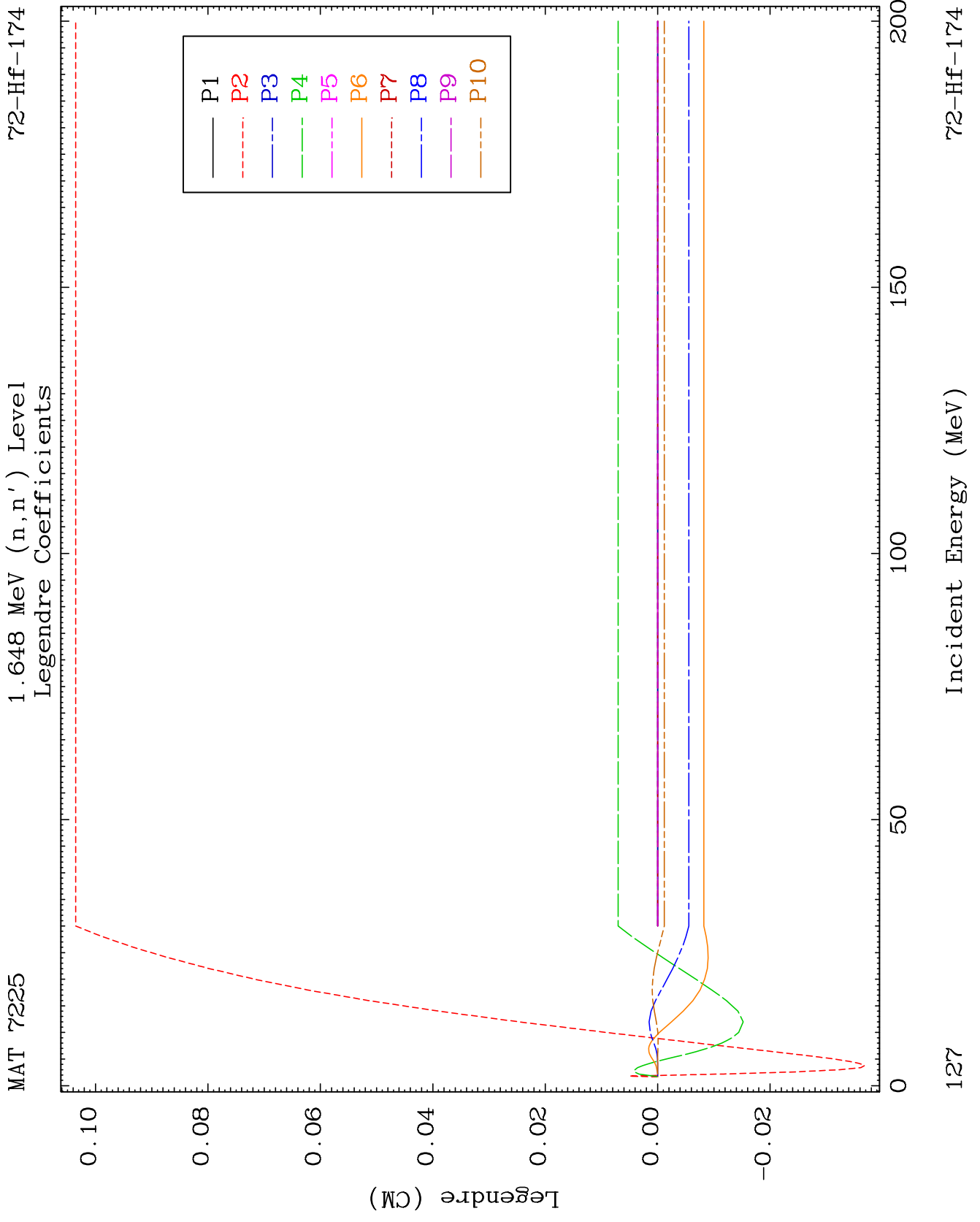
72-Hf-174

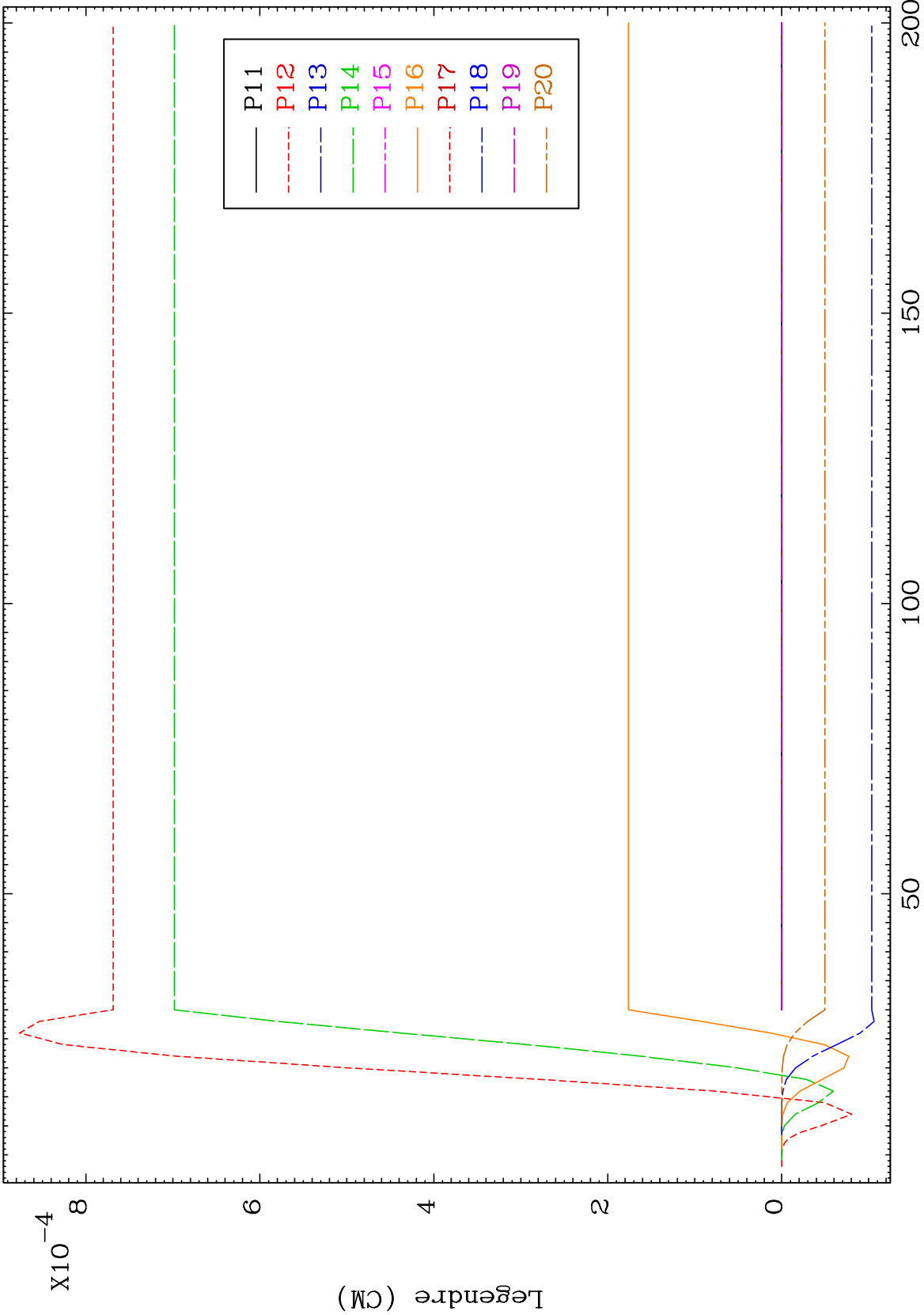


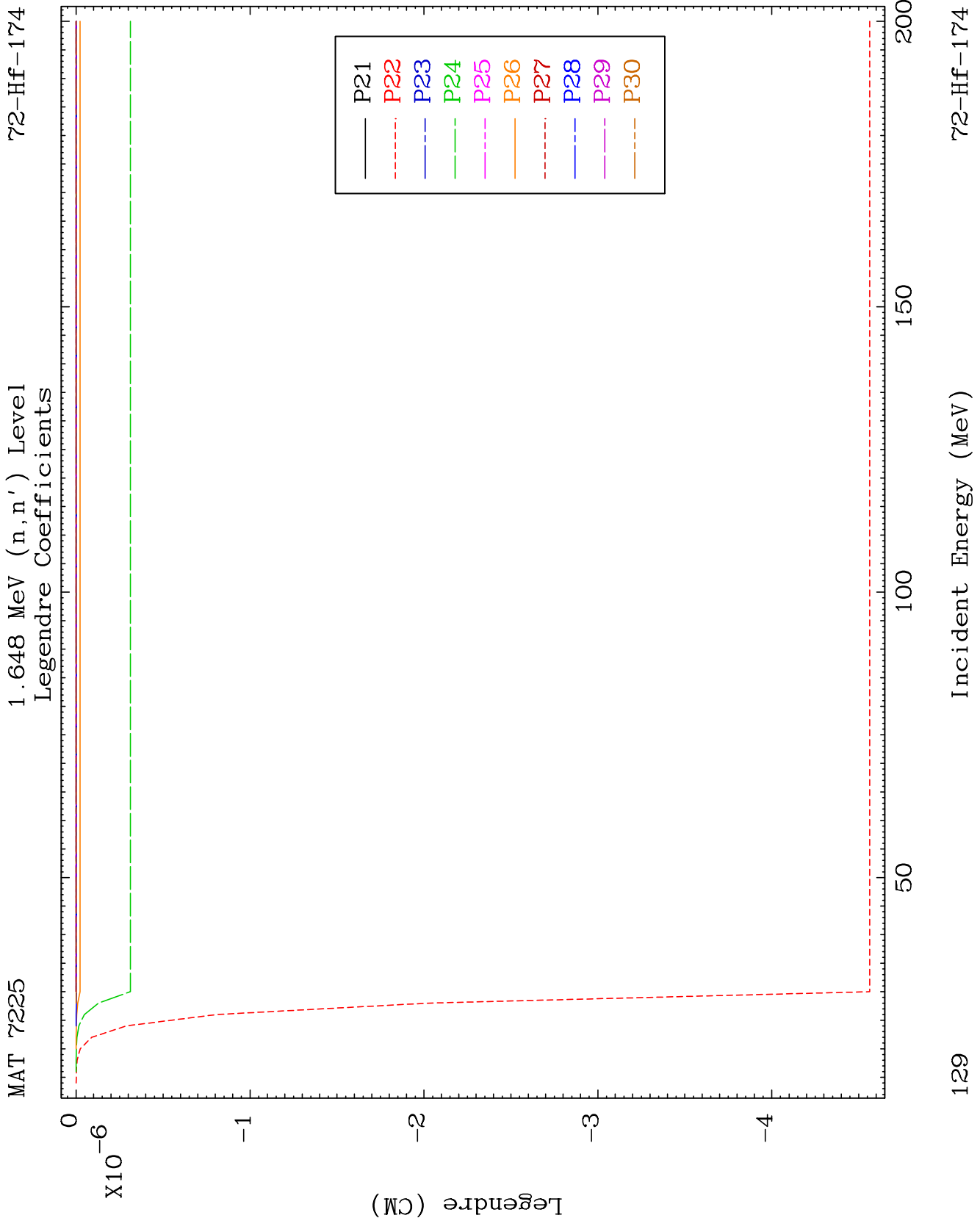
126

Incident Energy (MeV)

72-Hf-174





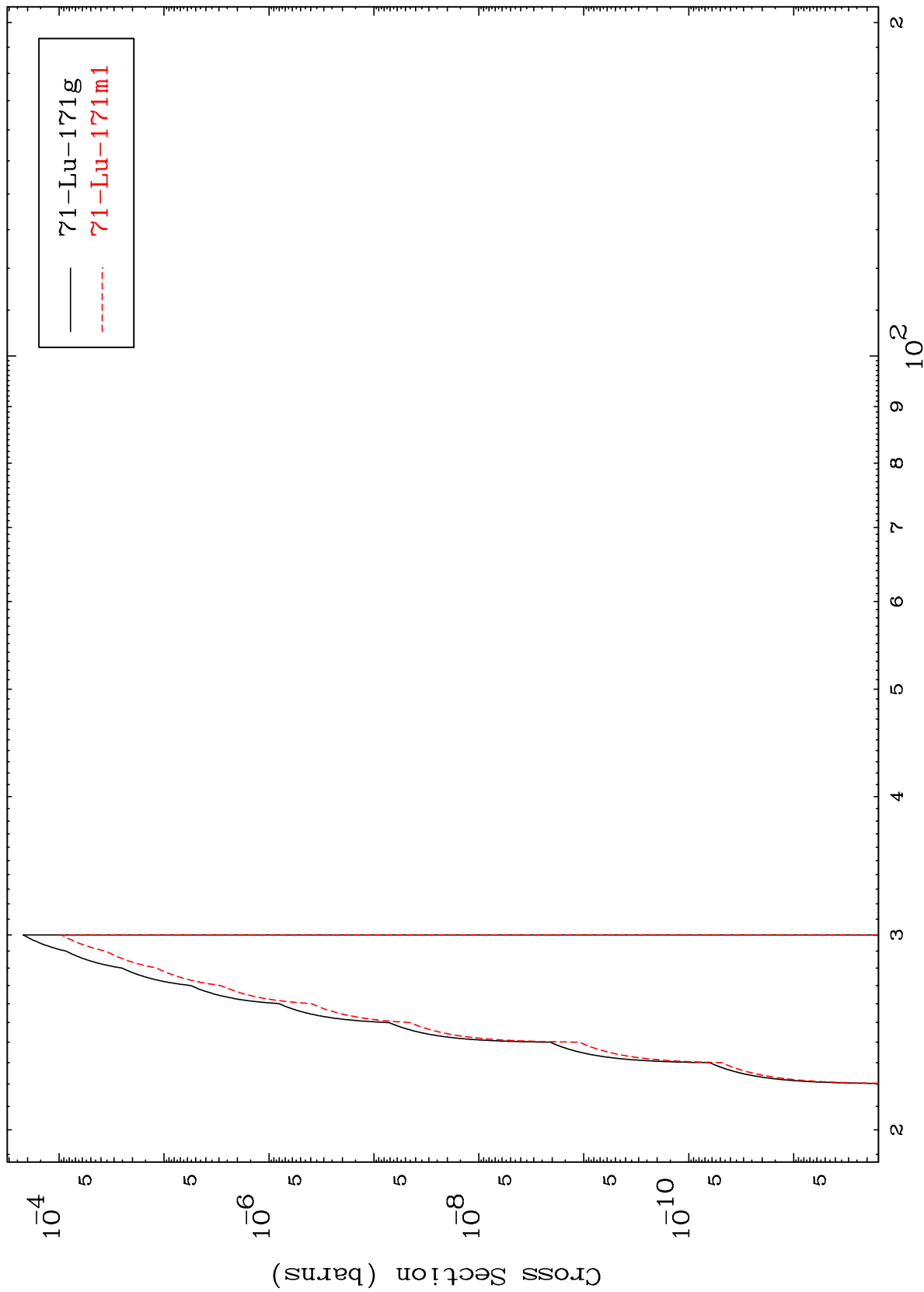


MAT 7225

(n,2n) d

72-Hf-174

Radionuclide Production Cross Section



130

Incident Energy (MeV)

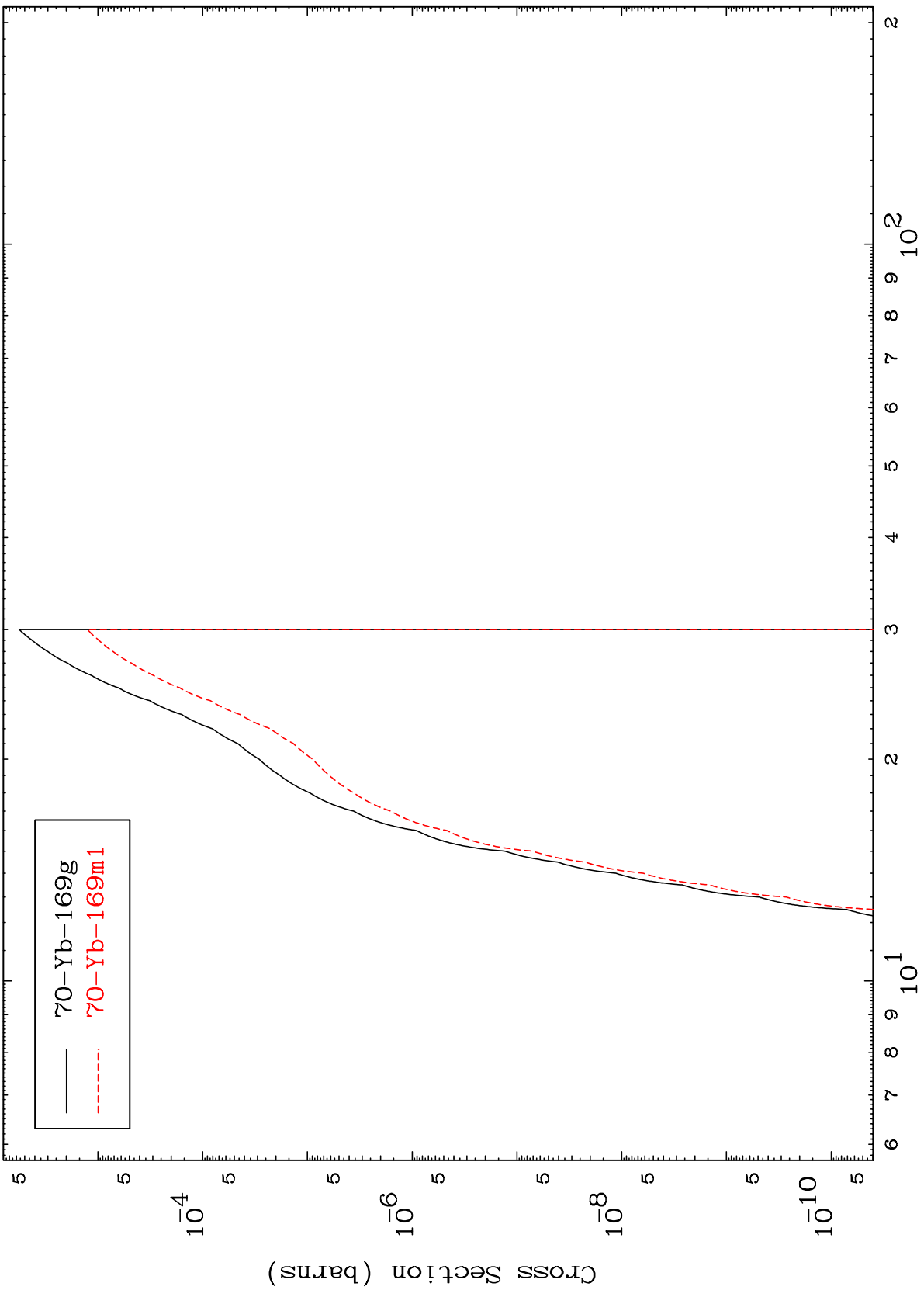
72-Hf-174

MAT 7225

(n,2n) α

72-Hf-174

Radionuclide Production Cross Section



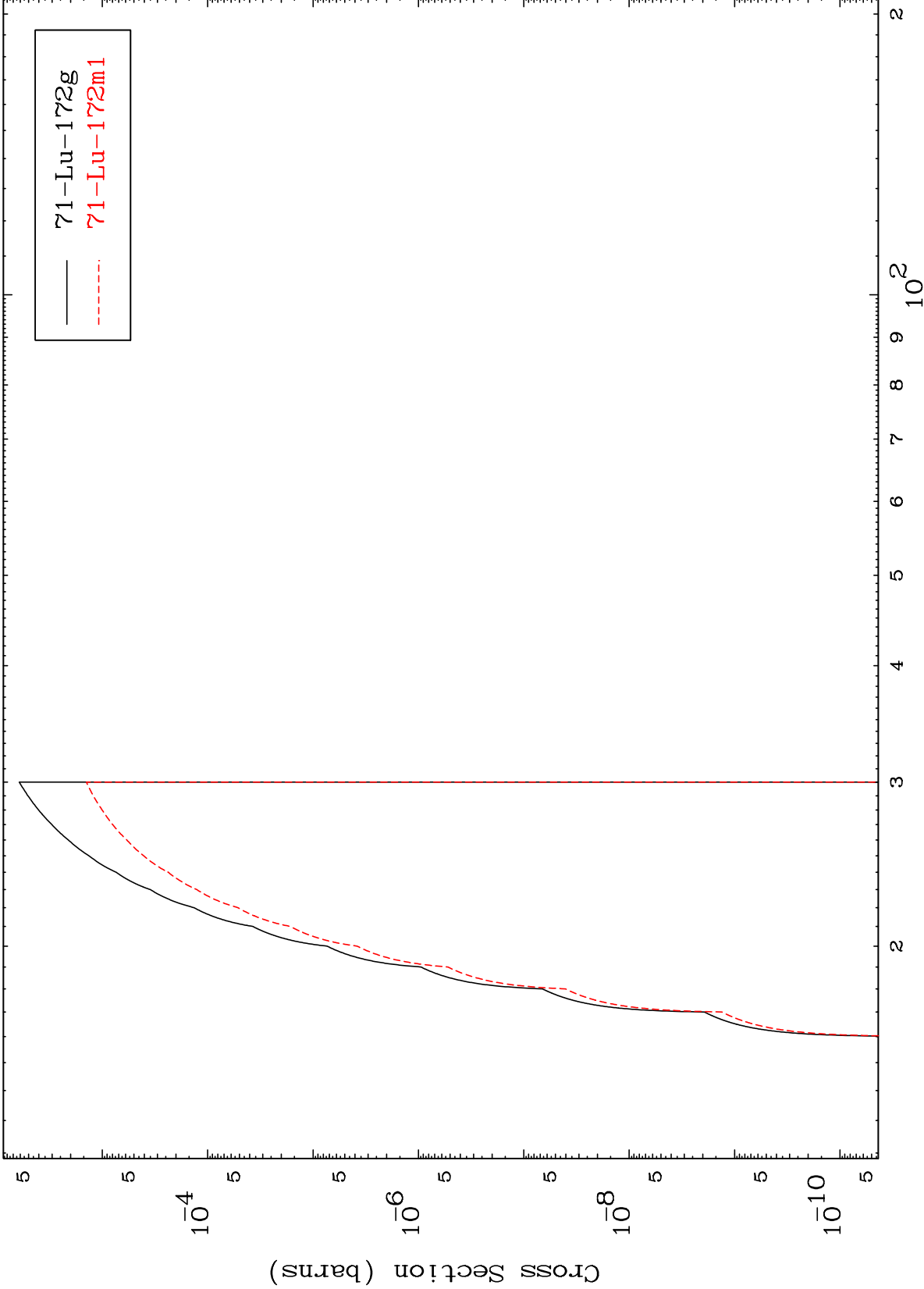
70-Yb-169g
70-Yb-169m1

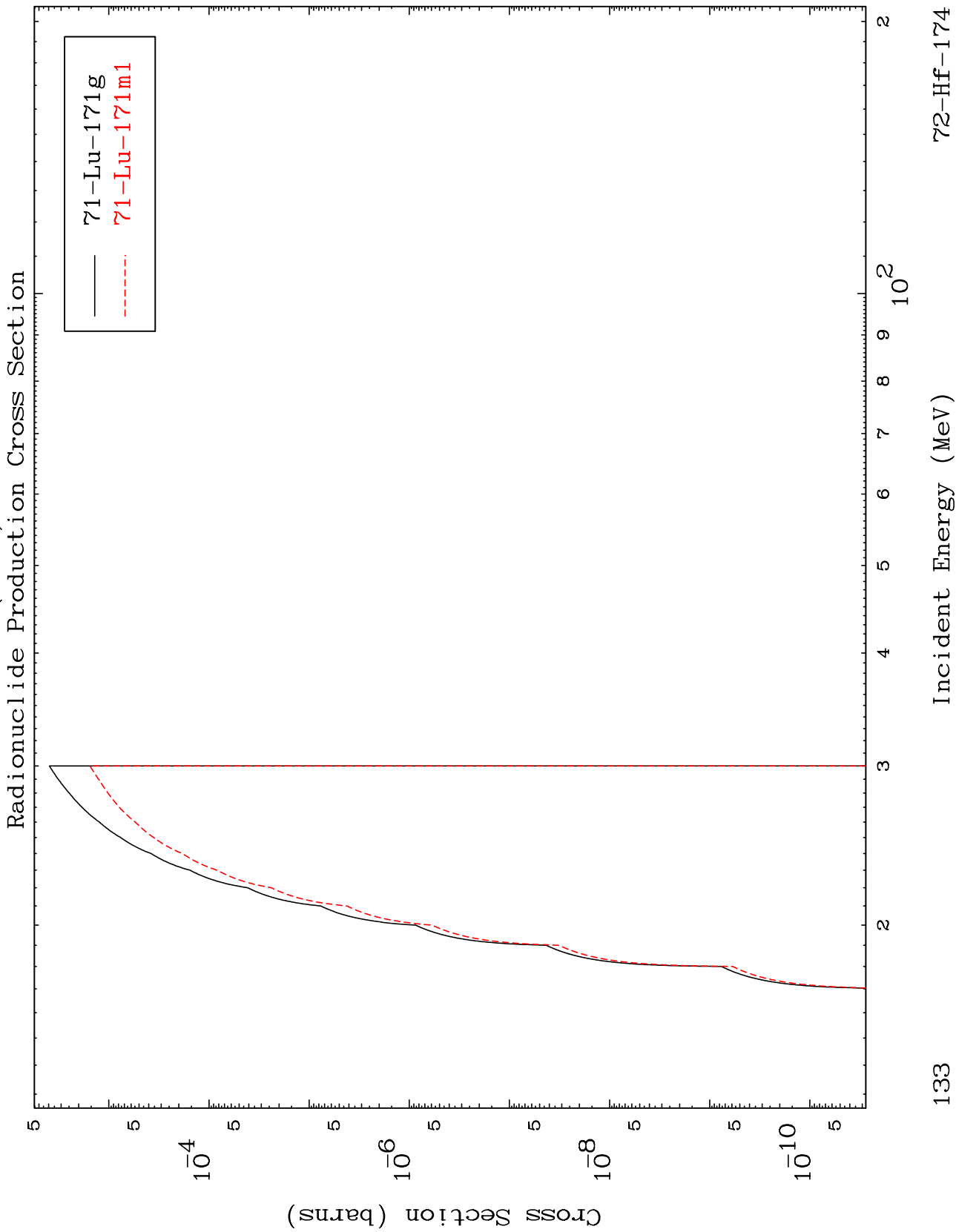
131

Incident Energy (MeV)

72-Hf-174

Radionuclide Production Cross Section

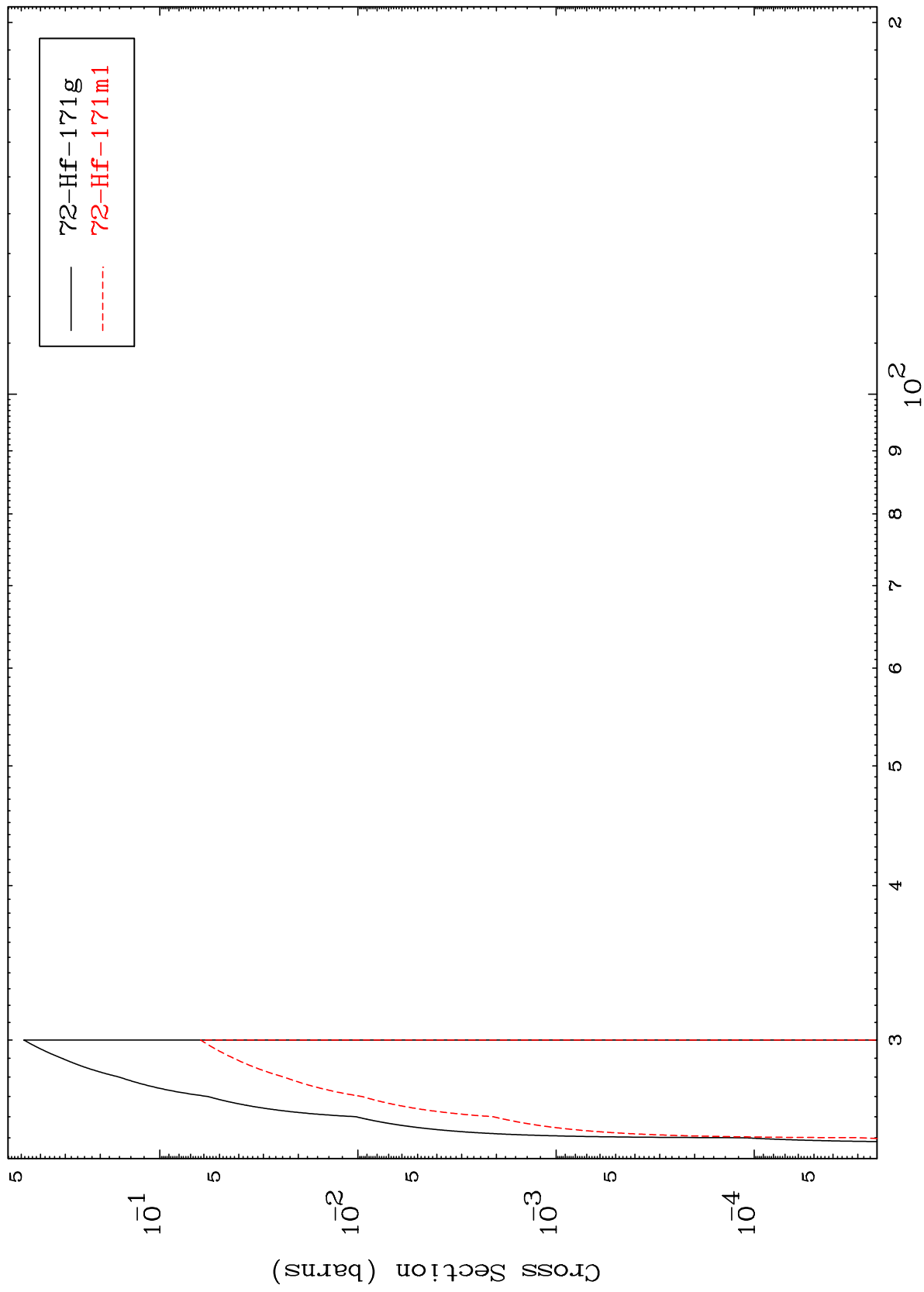




MAT 7225

72-Hf-174

(n,4n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

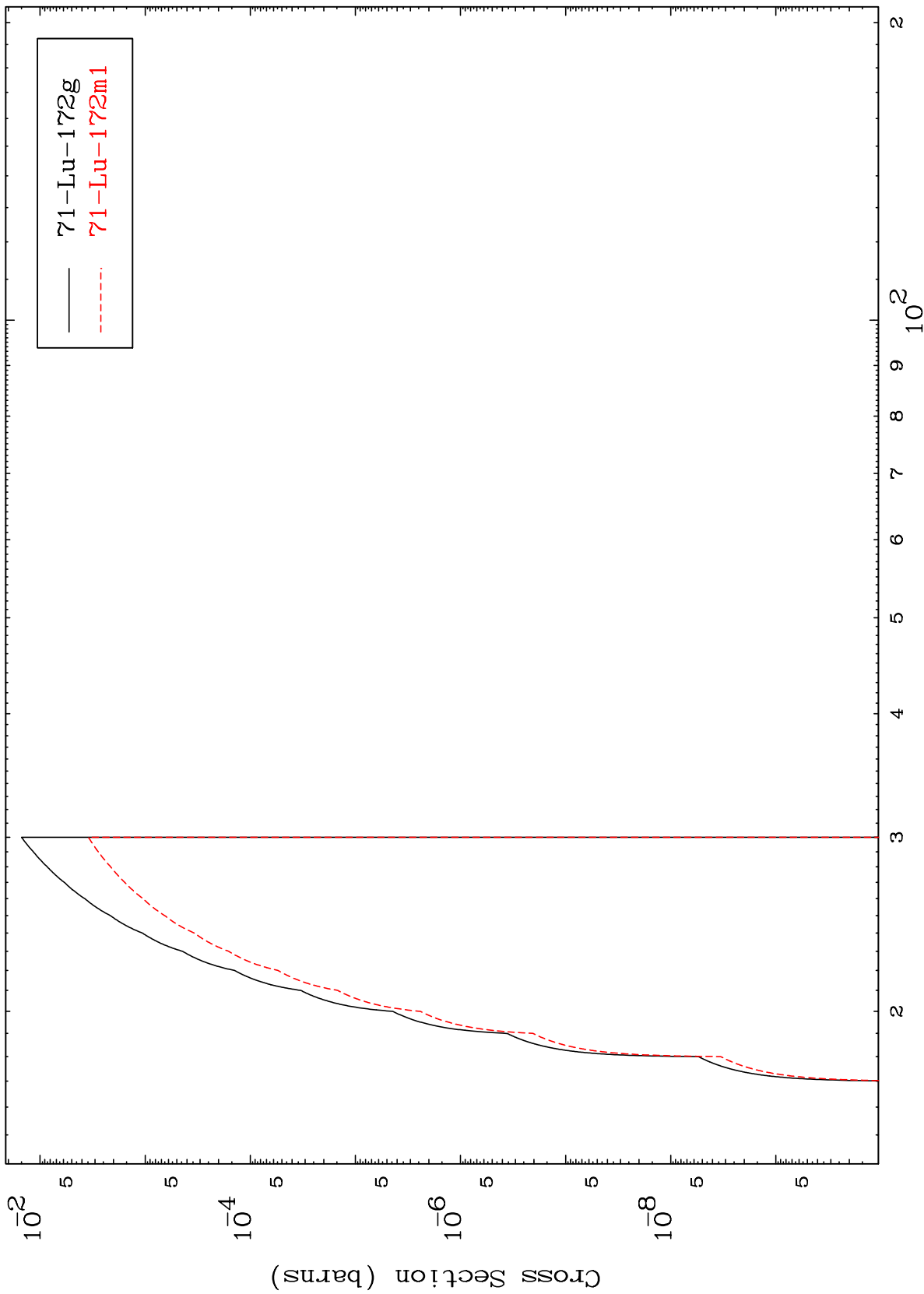
72-Hf-174

MAT 7225

(n,2n) p

72-Hf-174

Radionuclide Production Cross Section

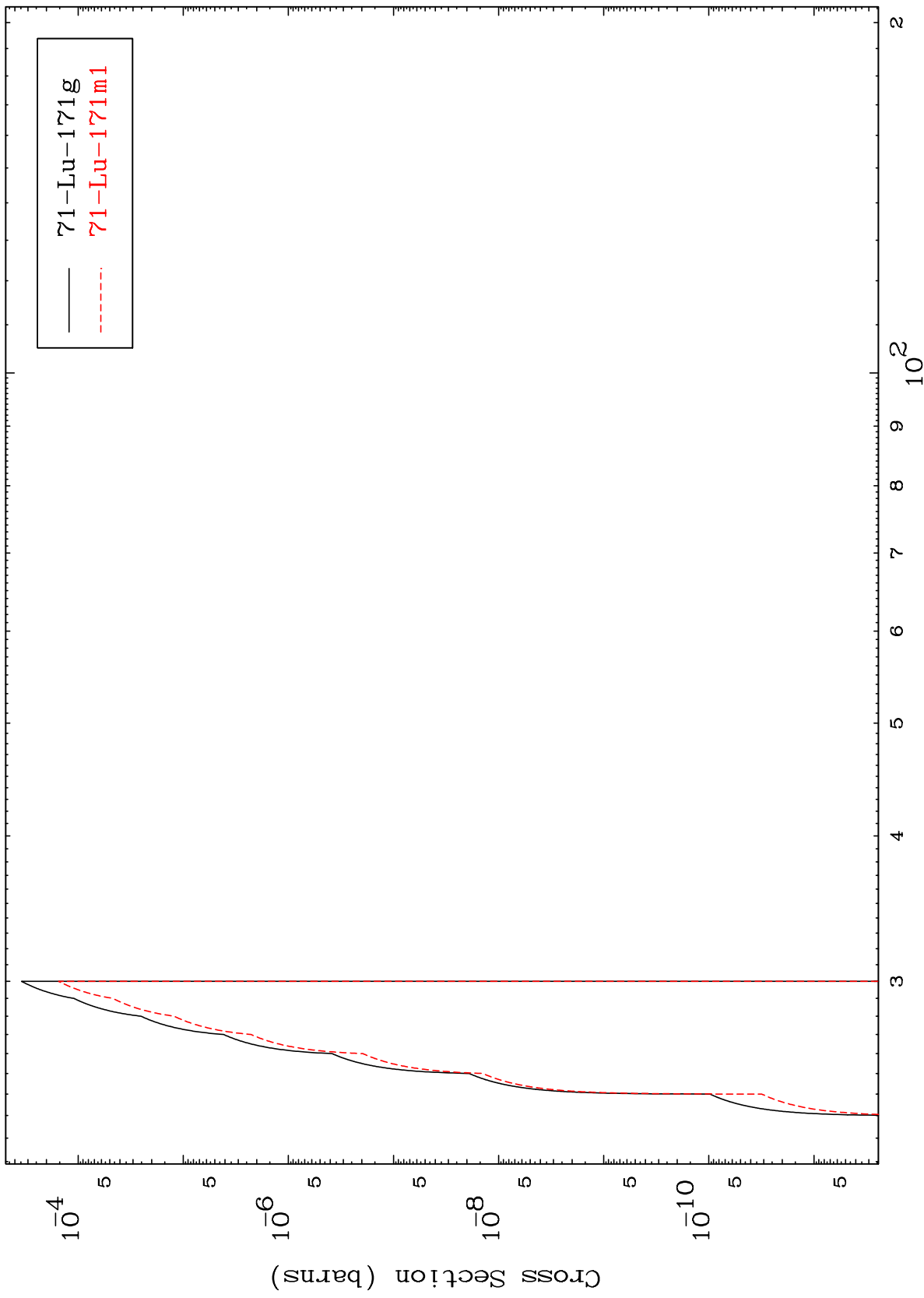


135

Incident Energy (MeV)

72-Hf-174

Radionuclide Production Cross Section

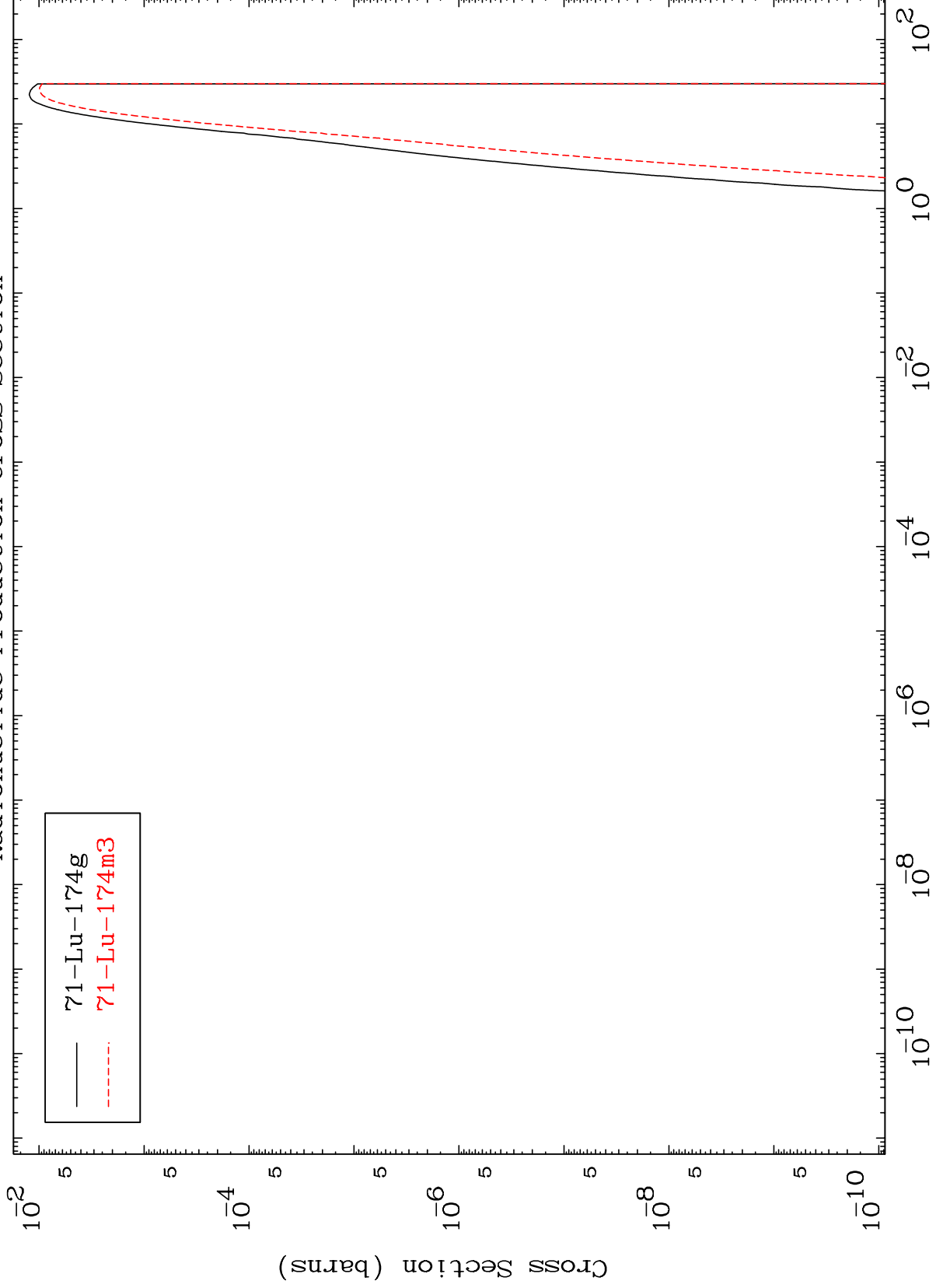


MAT 7225

(n,p)

72-Hf-174

Radionuclide Production Cross Section



71-Lu-174g
71-Lu-174m3

137

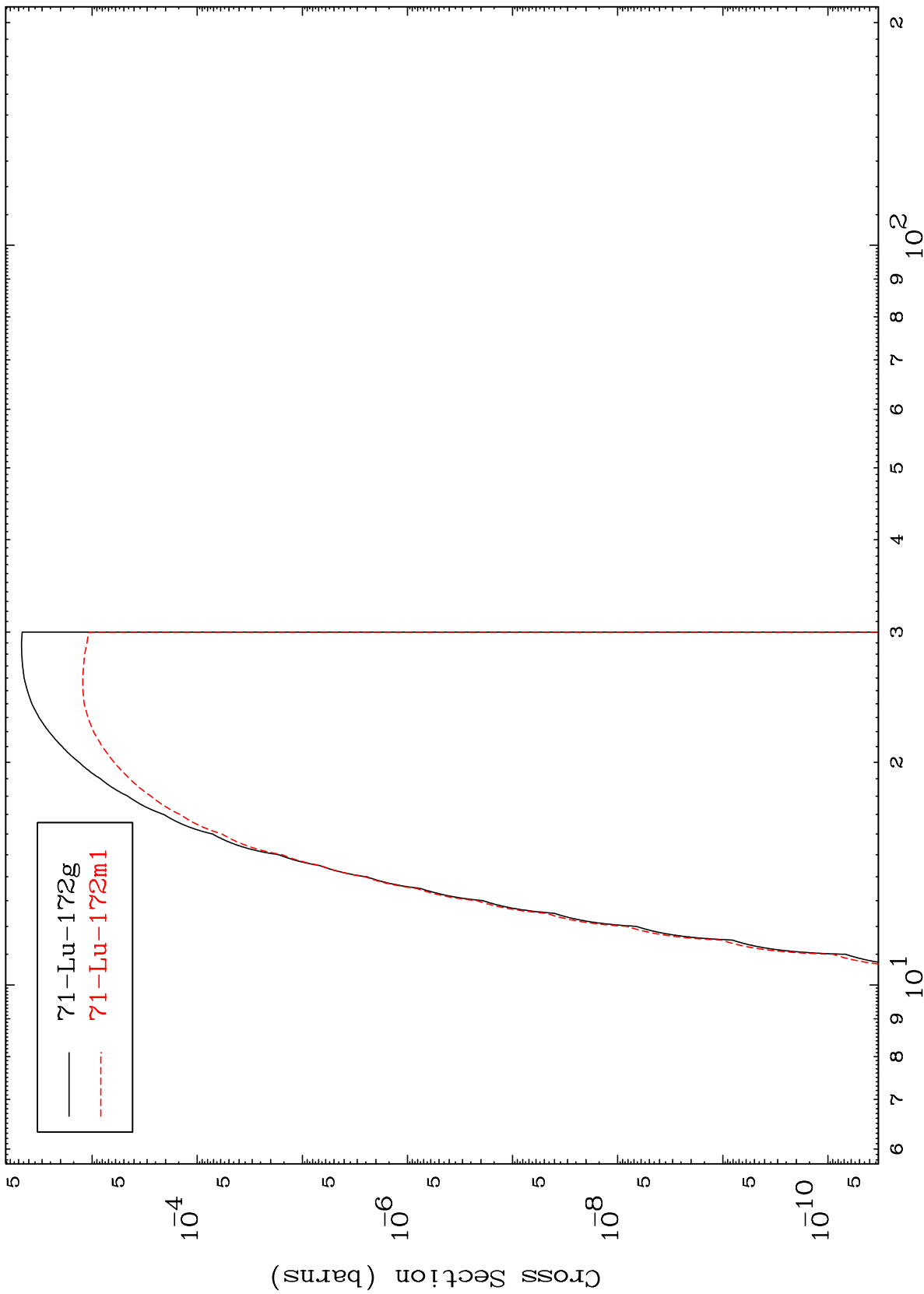
Incident Energy (MeV)

72-Hf-174

MAT 7225

72-Hf-174

(n,t)
Radionuclide Production Cross Section



72-Hf-174

Incident Energy (MeV)

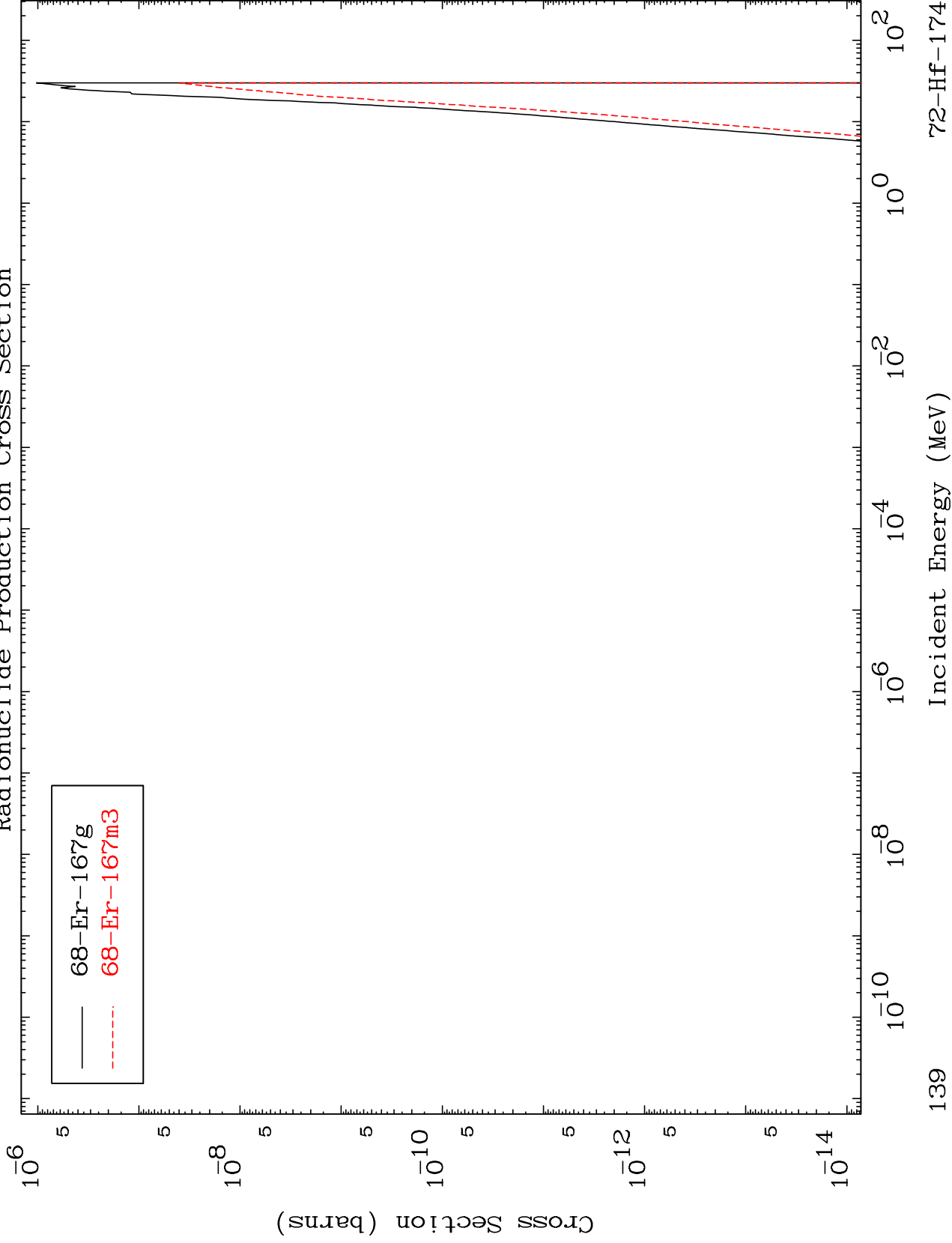
138

MAT 7225

(n,2α)

72-Hf-174

Radionuclide Production Cross Section



139

Incident Energy (MeV)

72-Hf-174