

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

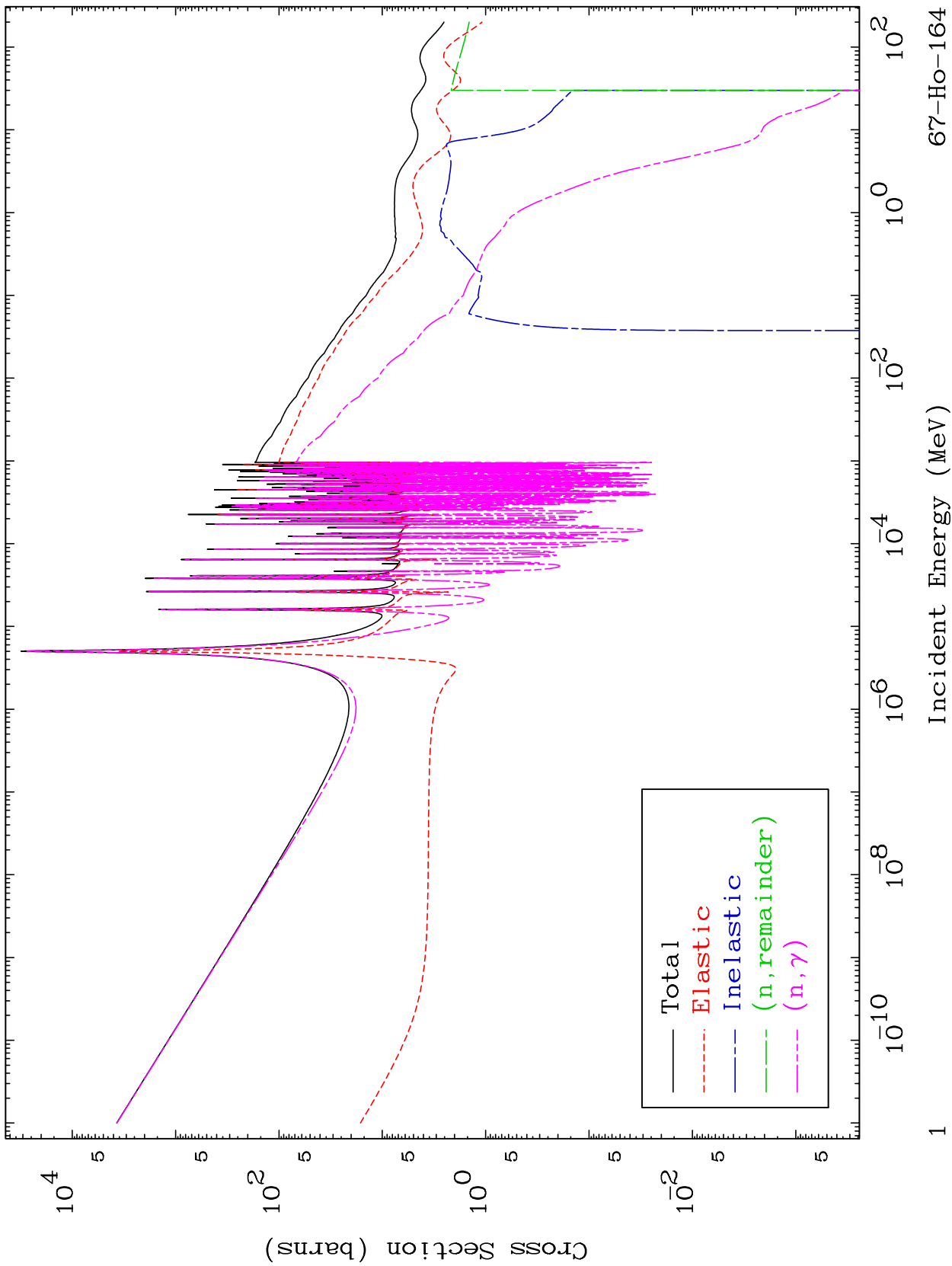
Press Mouse Button to Start

MAT 6722

Major

293 Kelvin Cross Sections

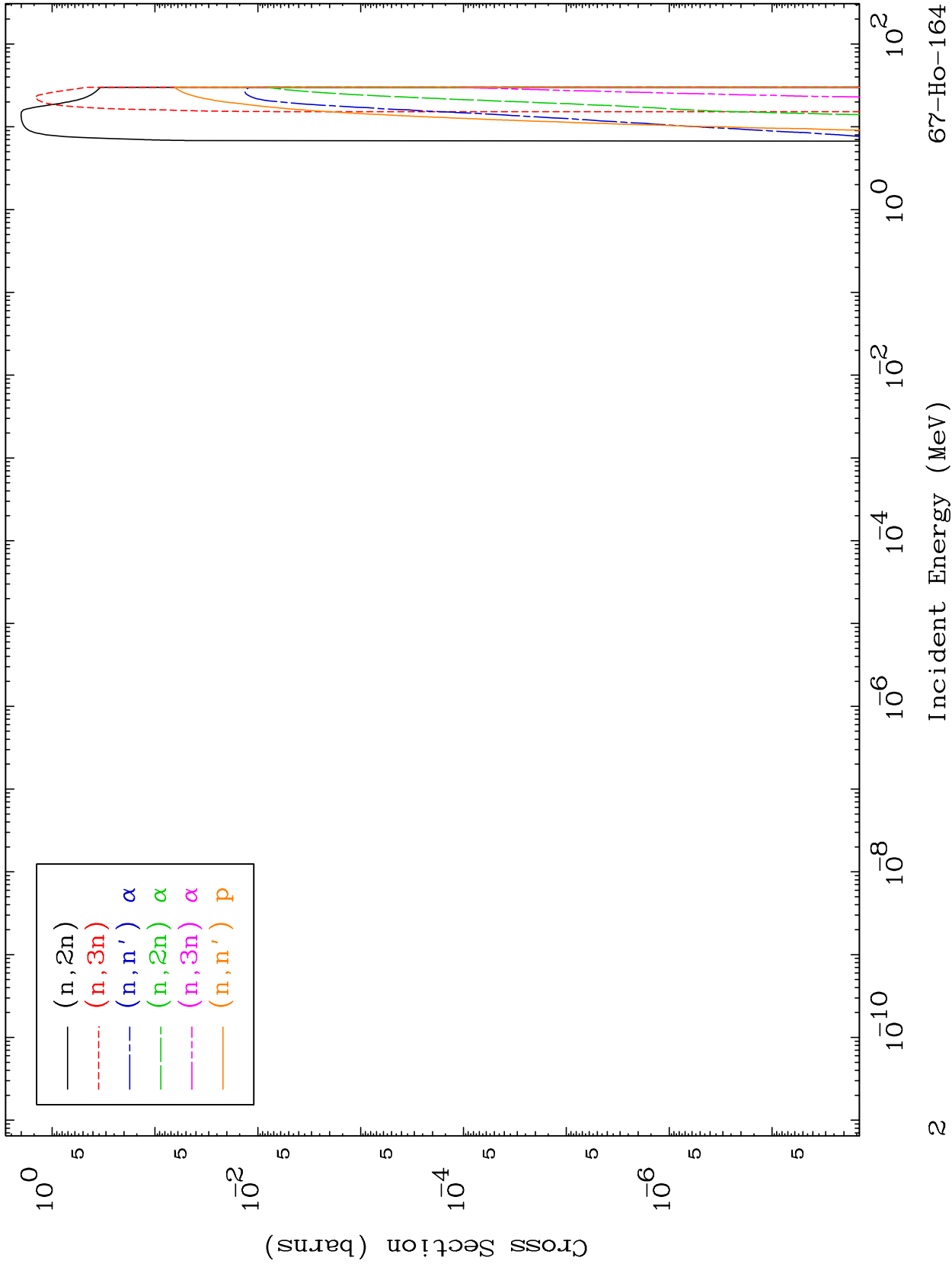
67-Ho-164



MAT 6722

Neutron Production
293 Kelvin Cross Sections

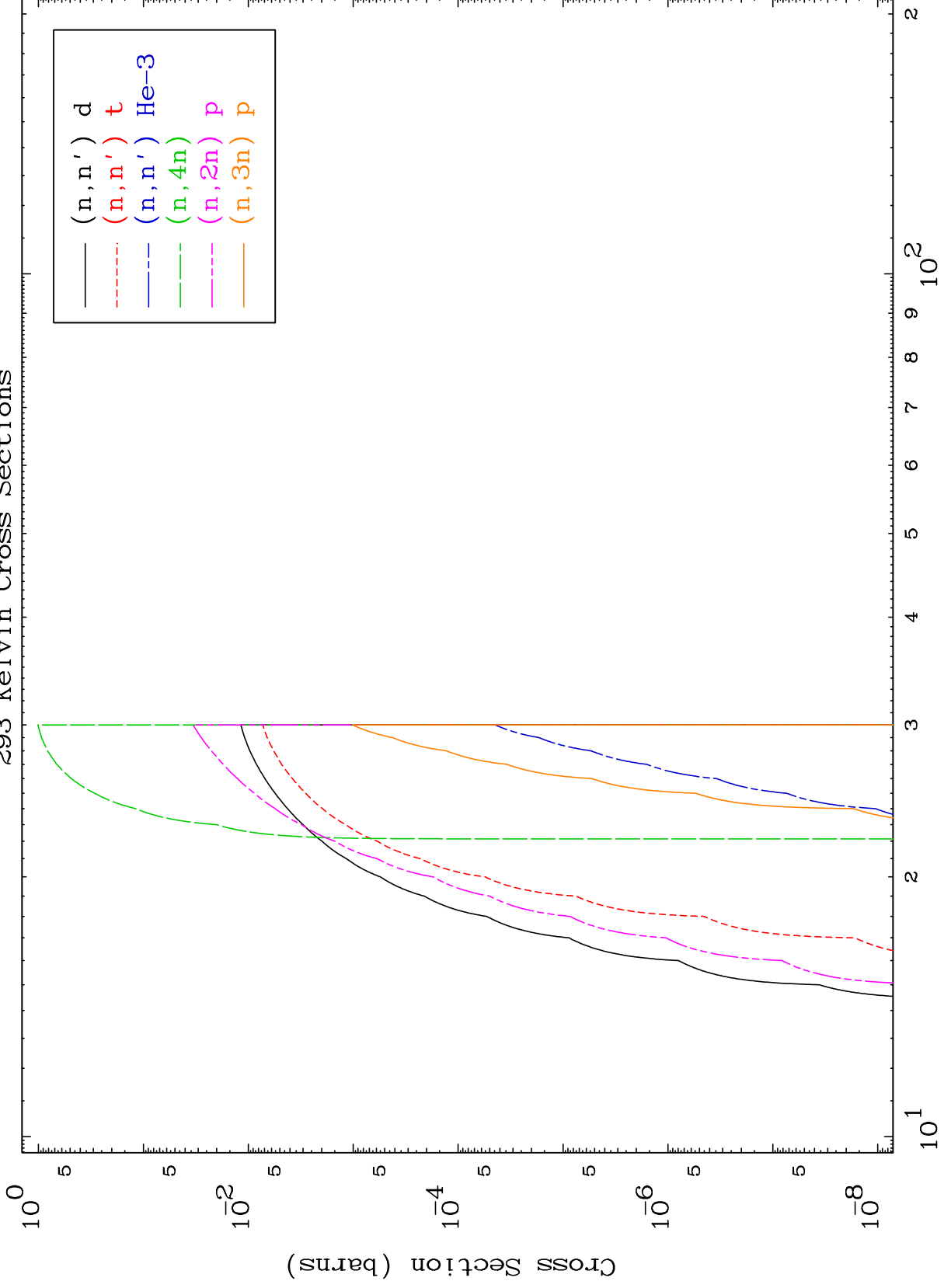
67-Ho-164



MAT 6722

Neutron Production
293 Kelvin Cross Sections

67-Ho-164



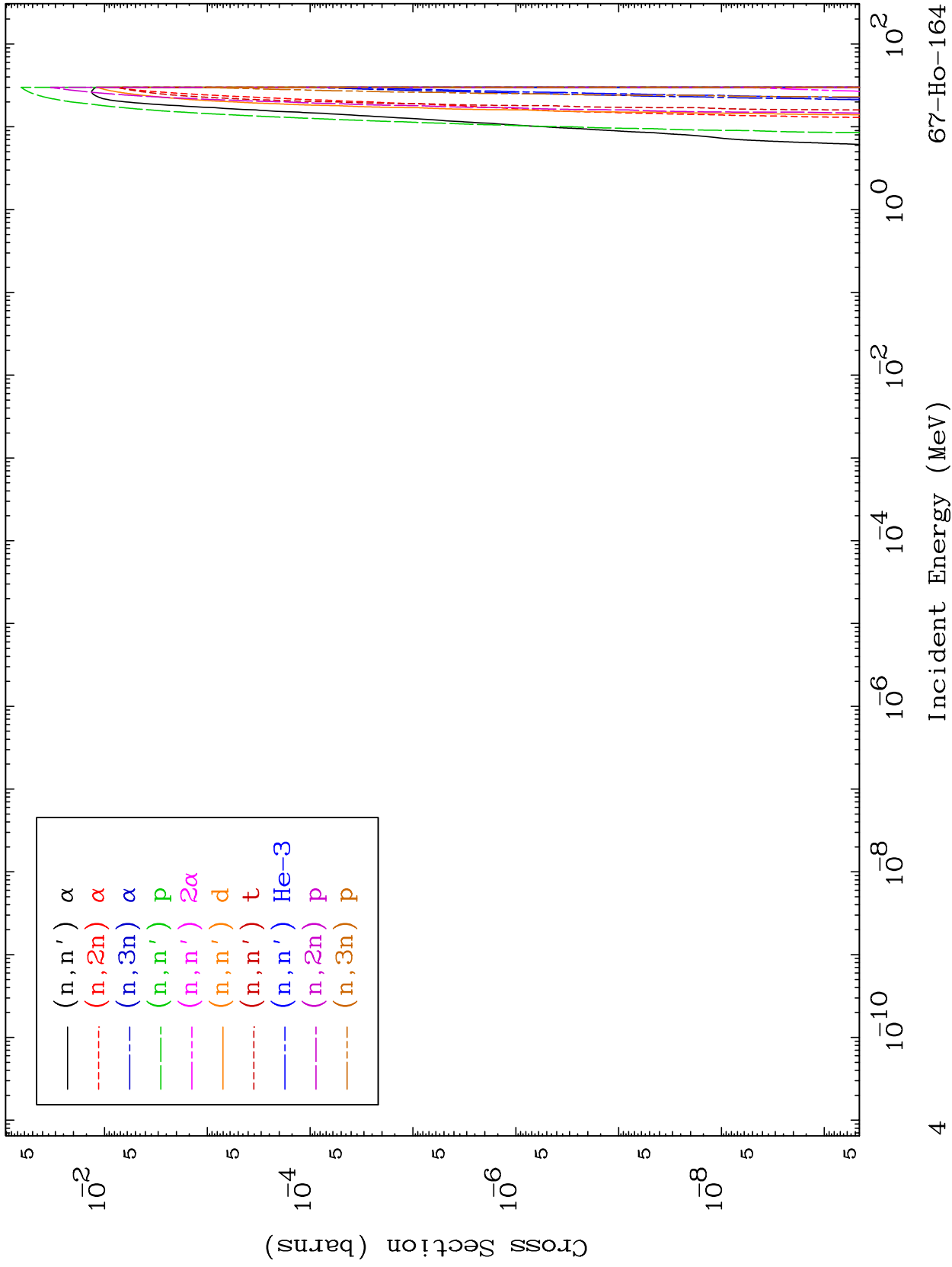
Incident Energy (MeV)

67-Ho-164

MAT 6722

Charged Particle
293 Kelvin Cross Sections

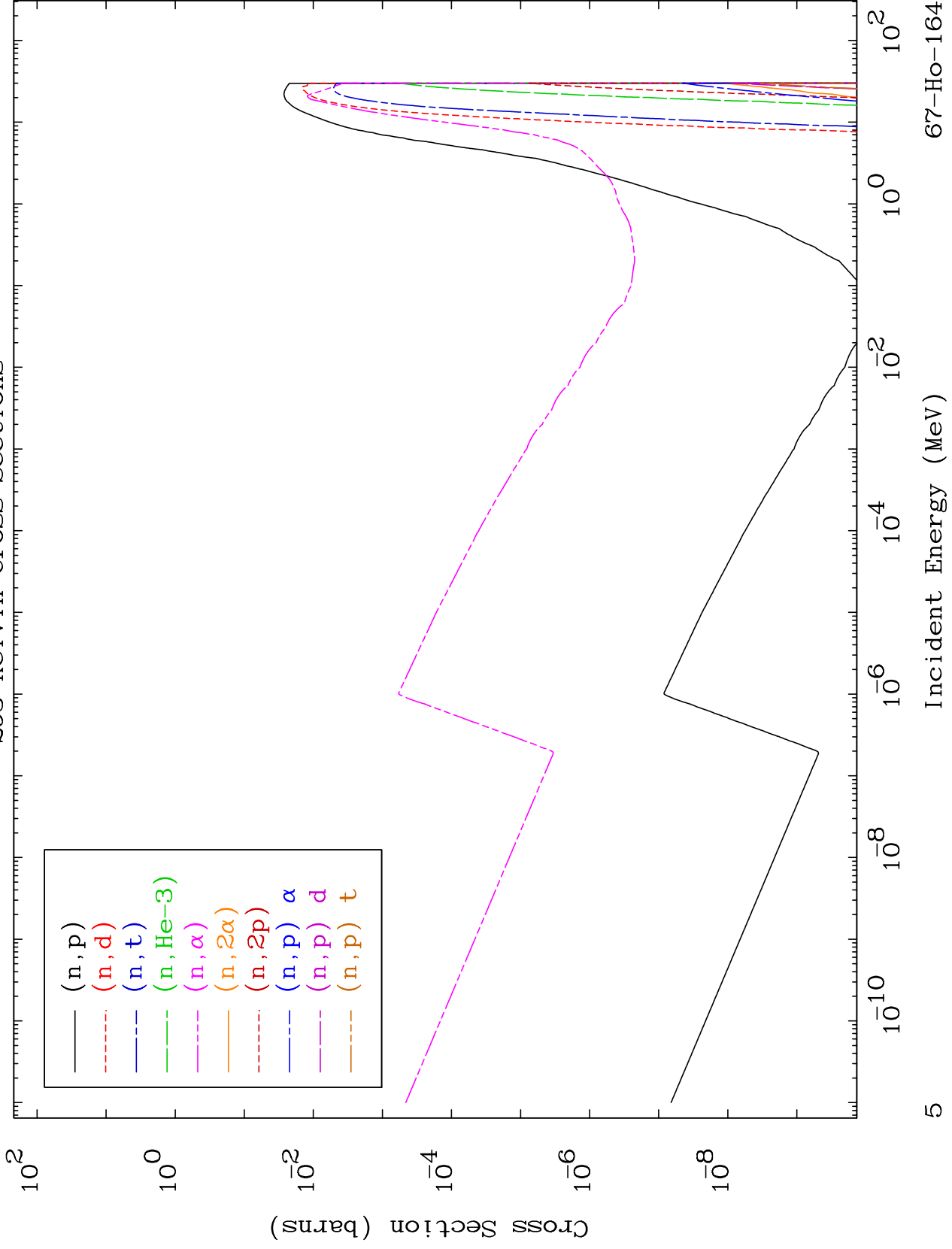
67-Ho-164

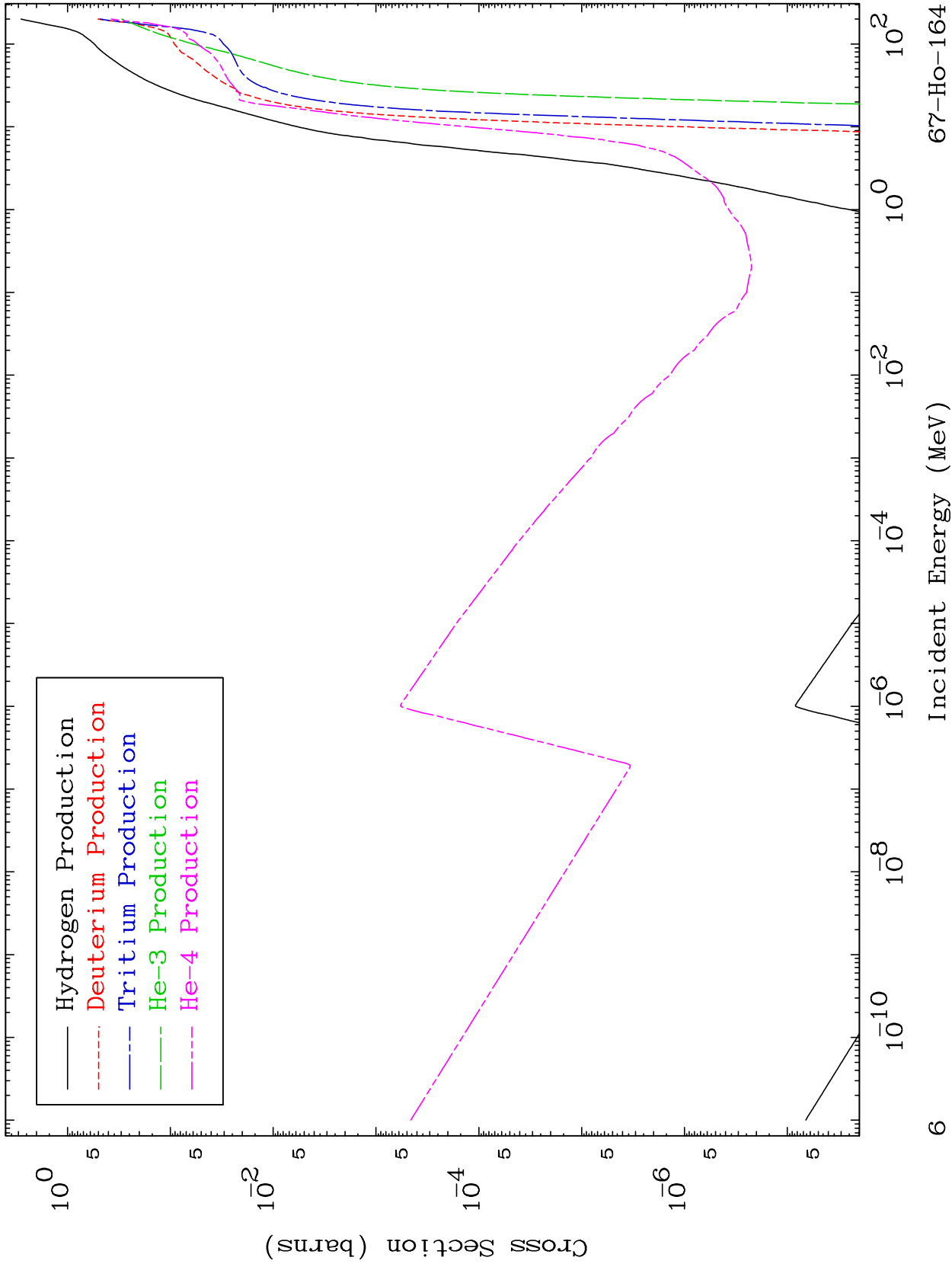


MAT 6722

Charged Particle
293 Kelvin Cross Sections

67-Ho-164

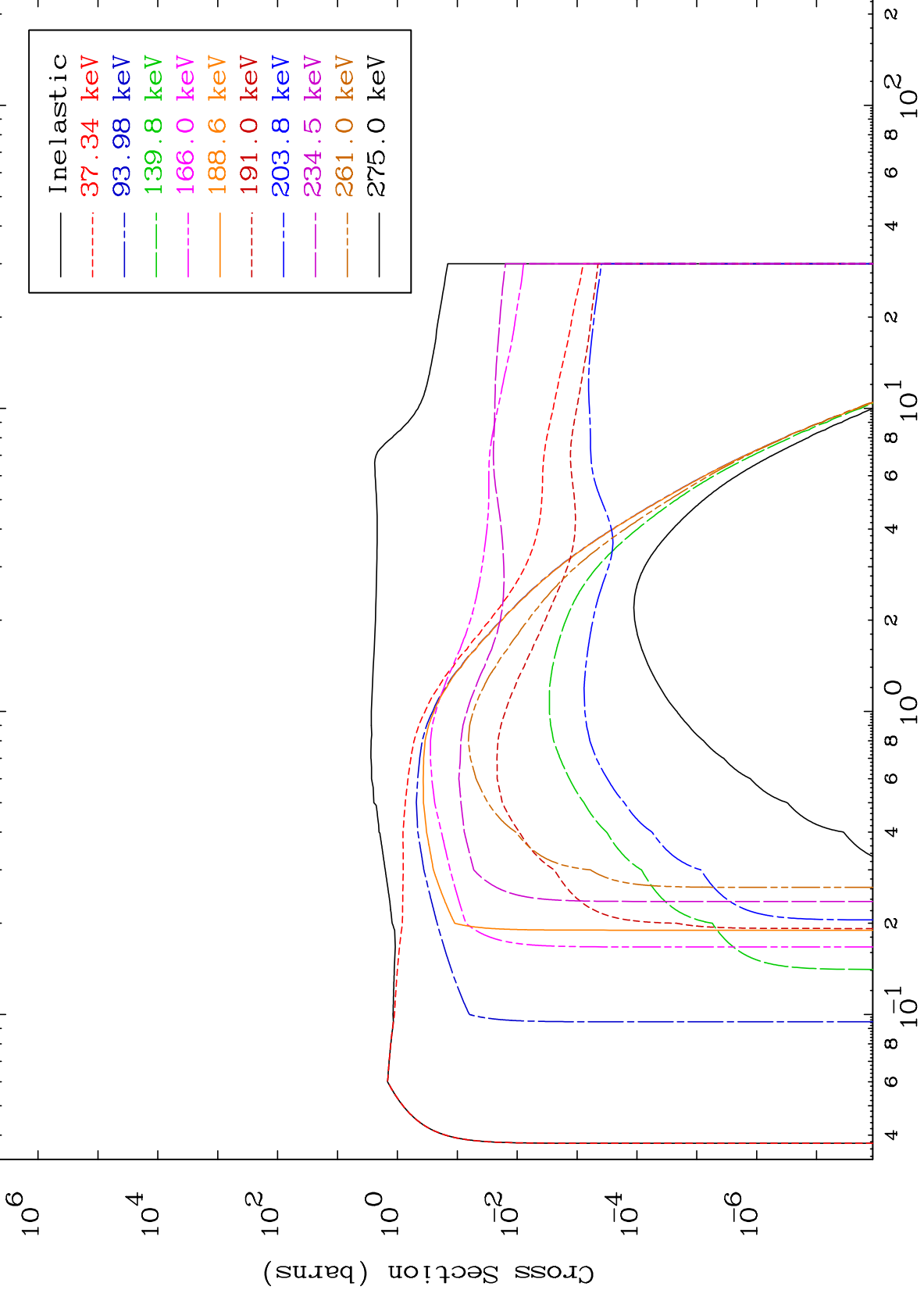




MAT 6722

(n,n') Level
293 Kelvin Cross Sections

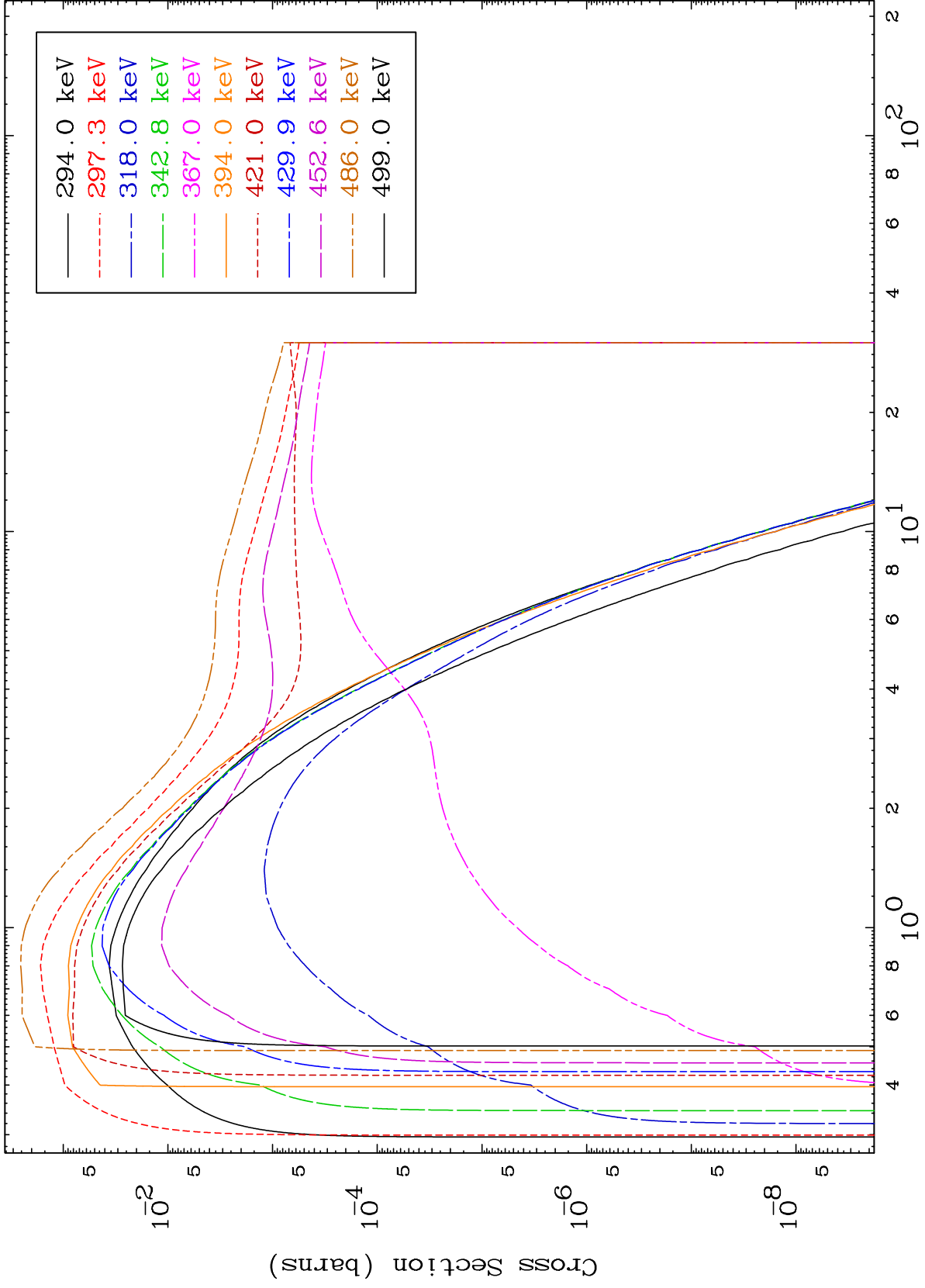
67-Ho-164



MAT 6722

(n,n') Level
293 Kelvin Cross Sections

67-Ho-164



8

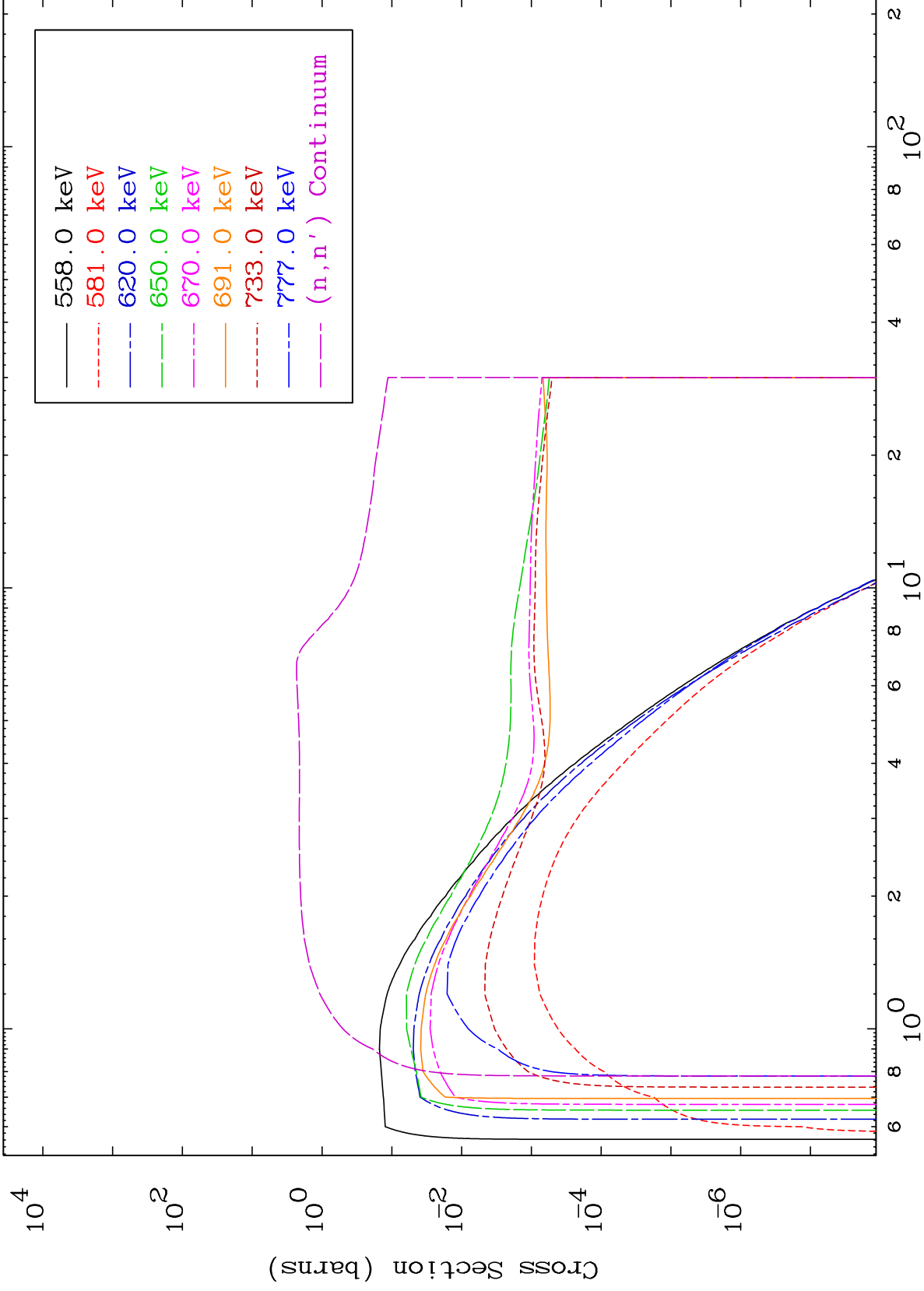
Incident Energy (MeV)

67-Ho-164

MAT 6722

(n,n') Level
293 Kelvin Cross Sections

67-Ho-164



9

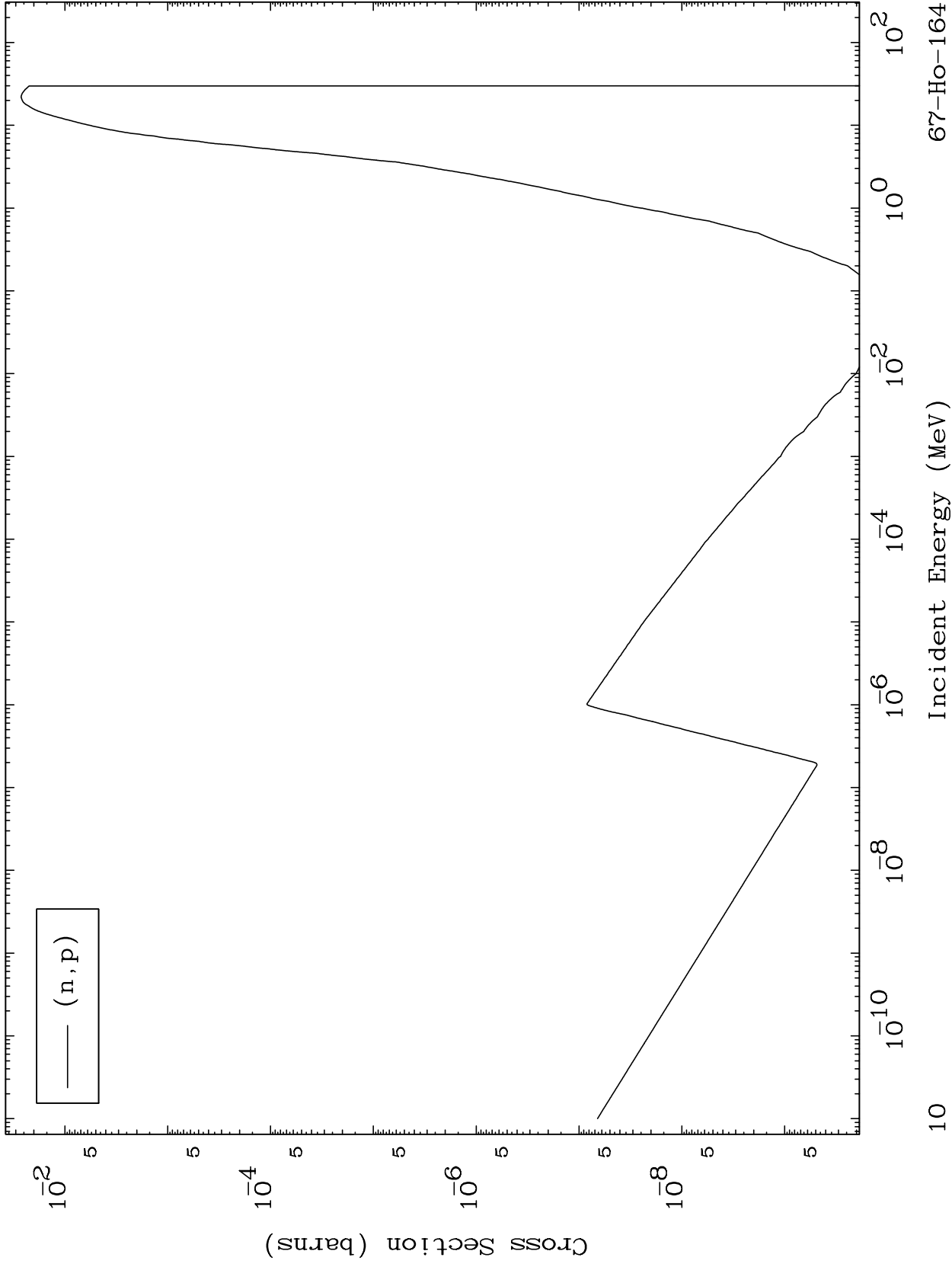
Incident Energy (MeV)

67-Ho-164

MAT 6722

(n,p) Levels
293 Kelvin Cross Sections

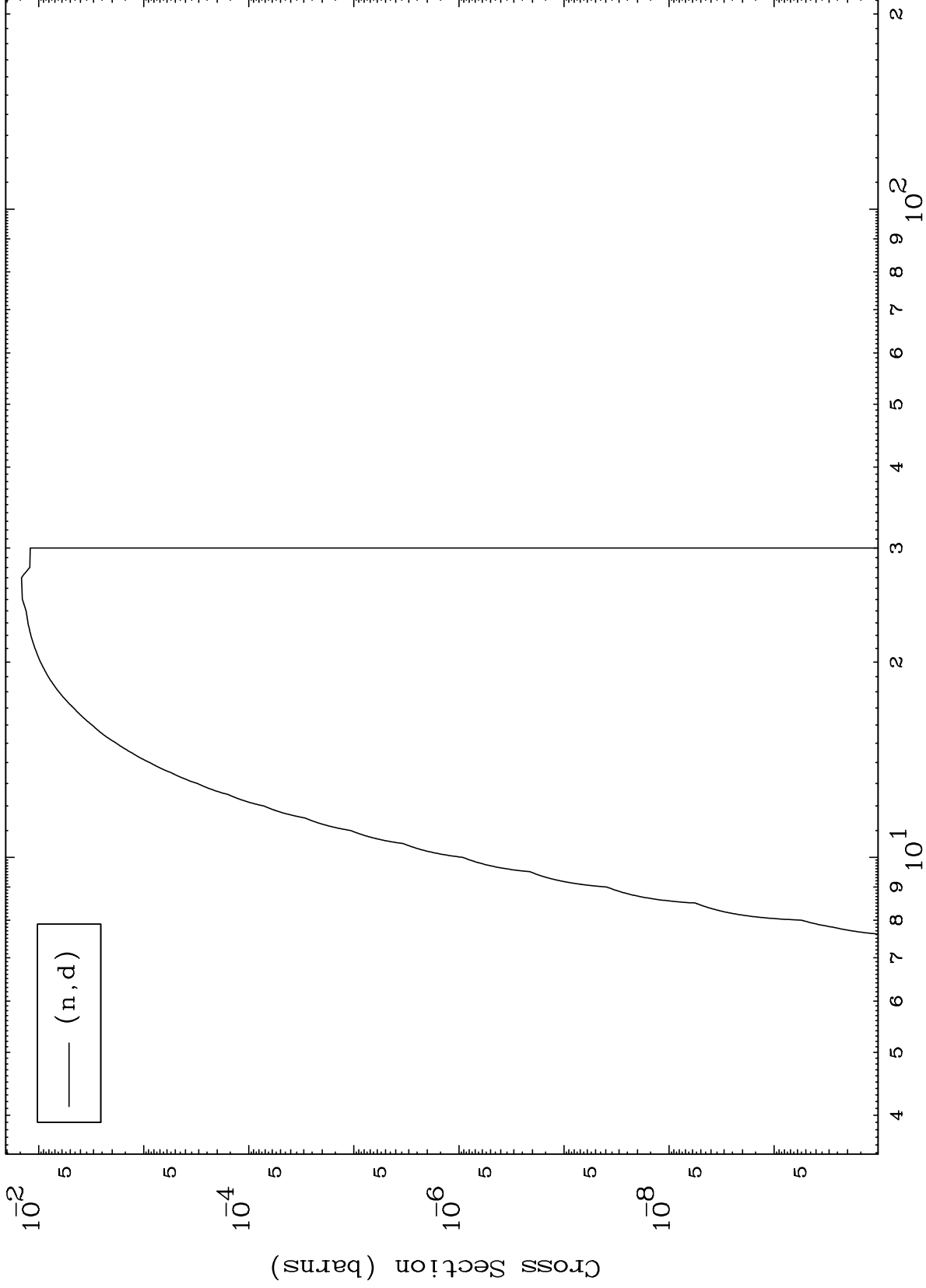
67-Ho-164



MAT 6722

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-164



11

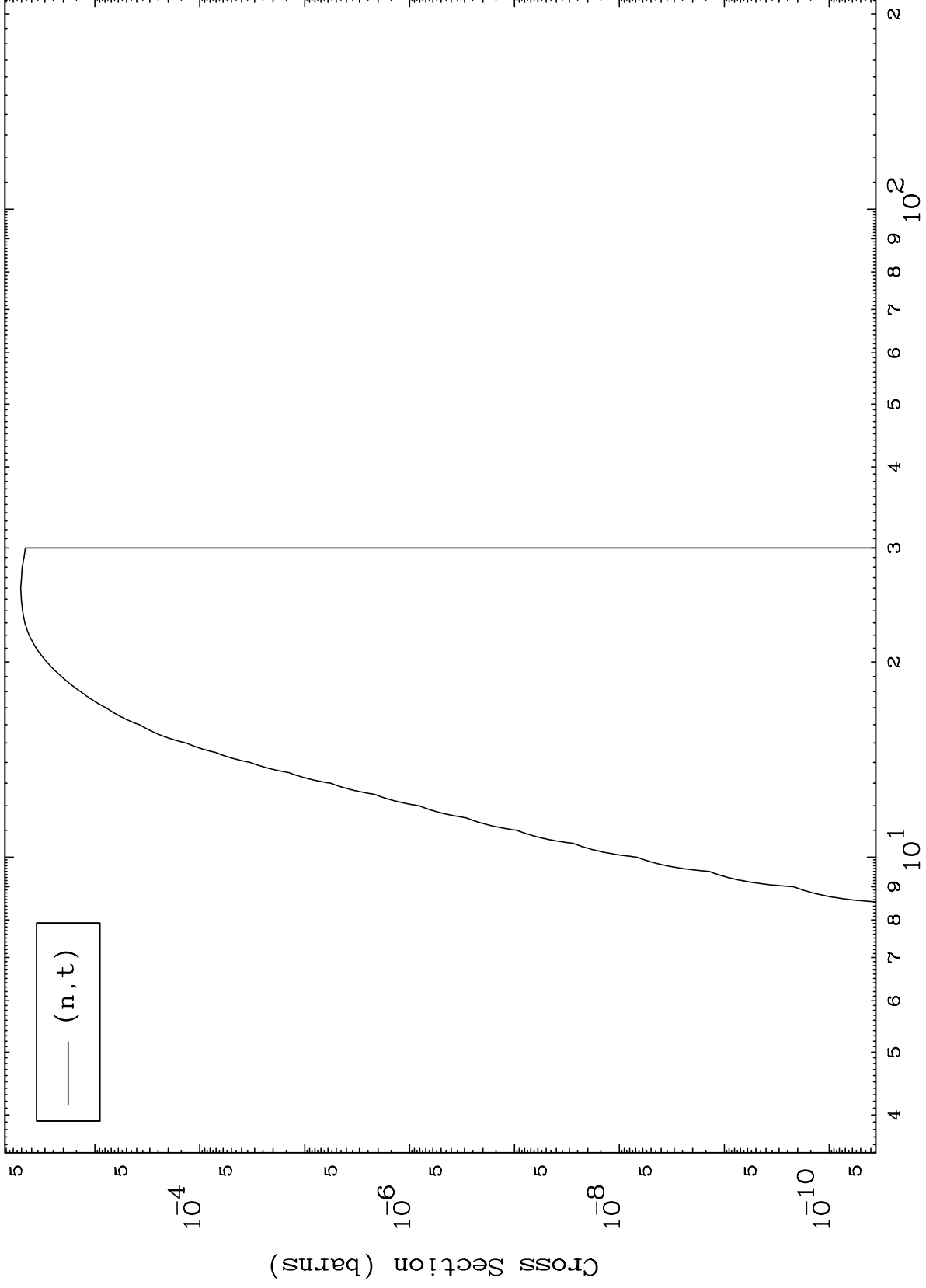
Incident Energy (MeV)

67-Ho-164

MAT 6722

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-164



12

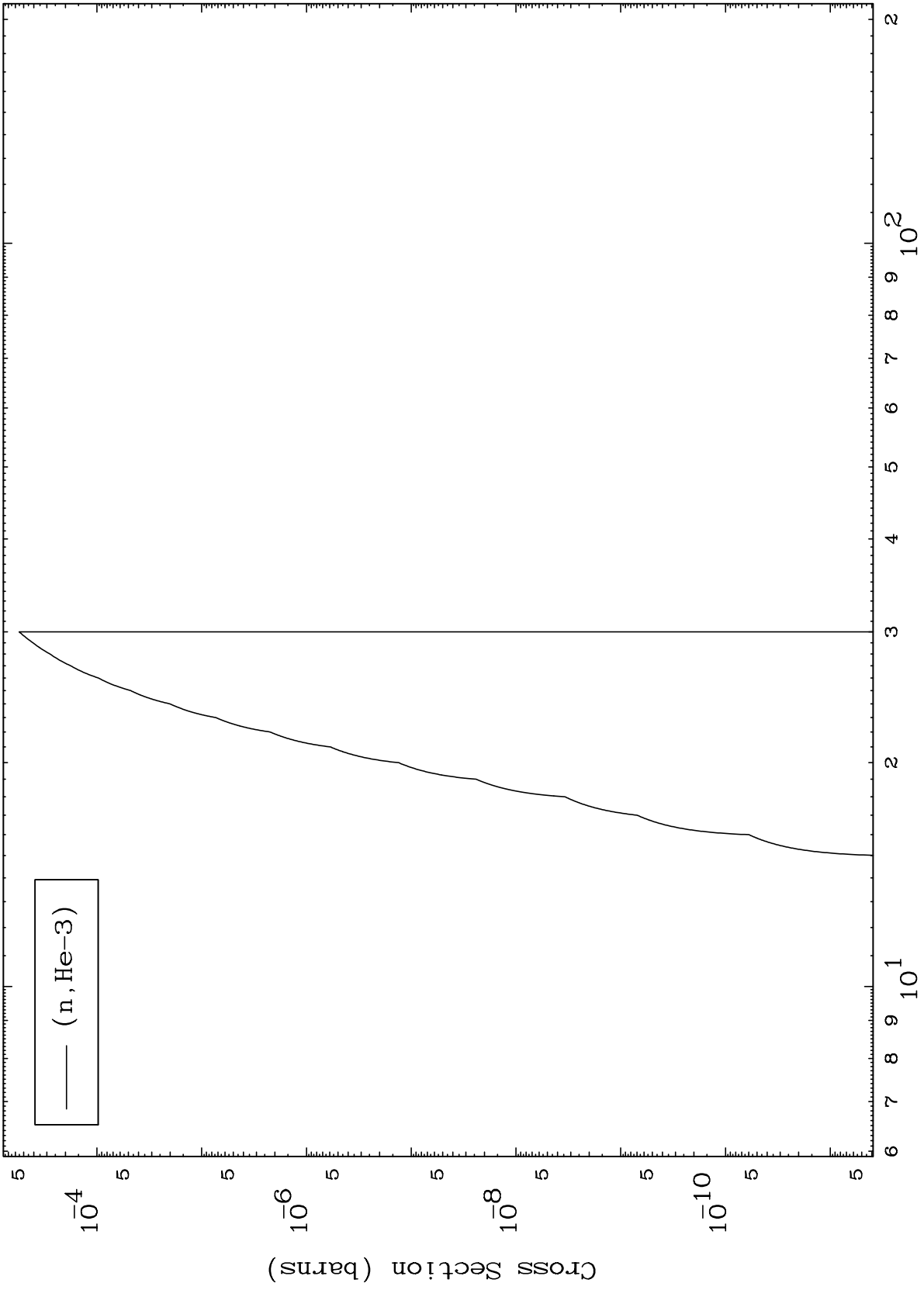
Incident Energy (MeV)

67-Ho-164

MAT 6722

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-164



13

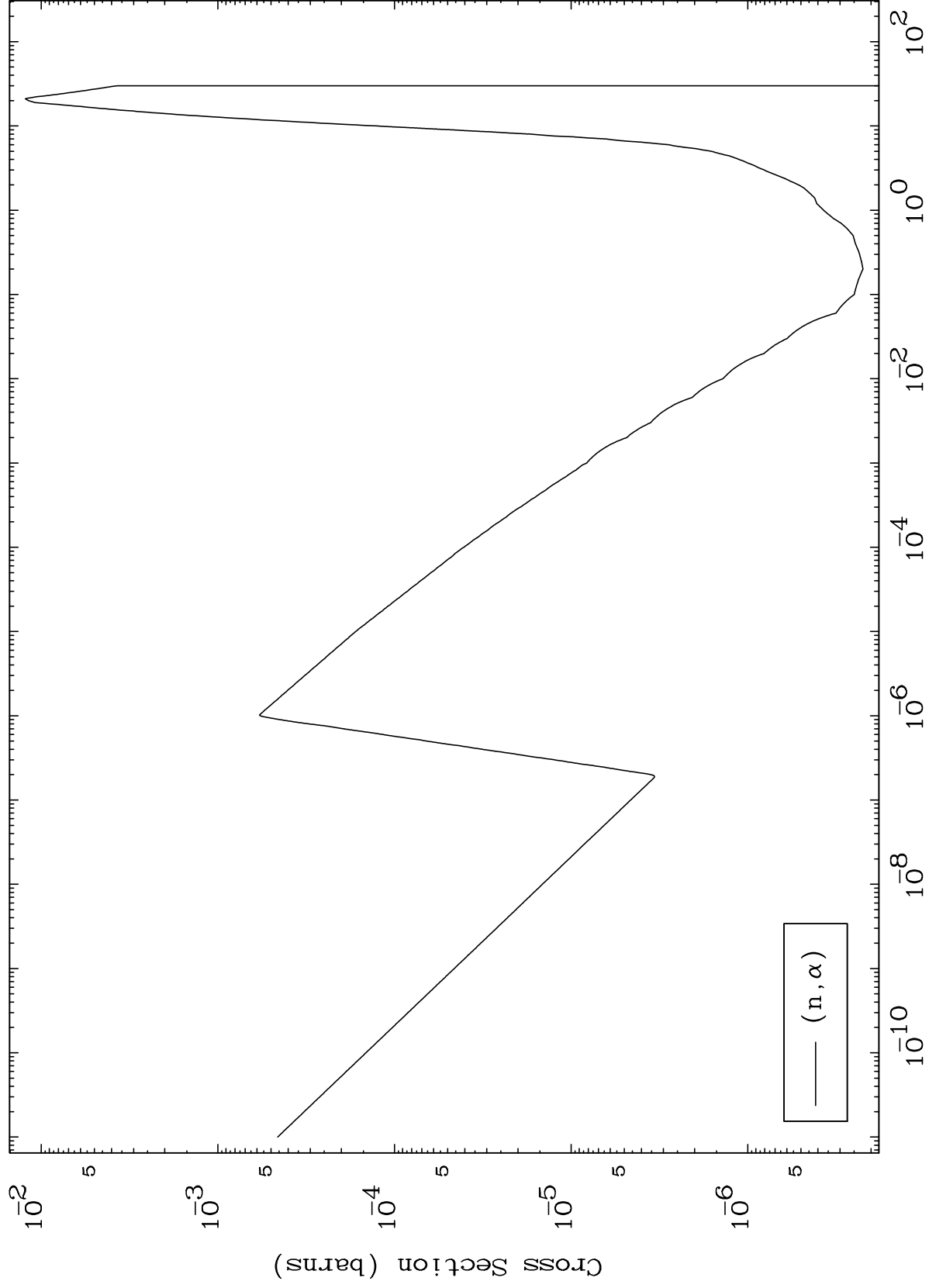
Incident Energy (MeV)

67-Ho-164

MAT 6722

(n, α) Levels
293 Kelvin Cross Sections

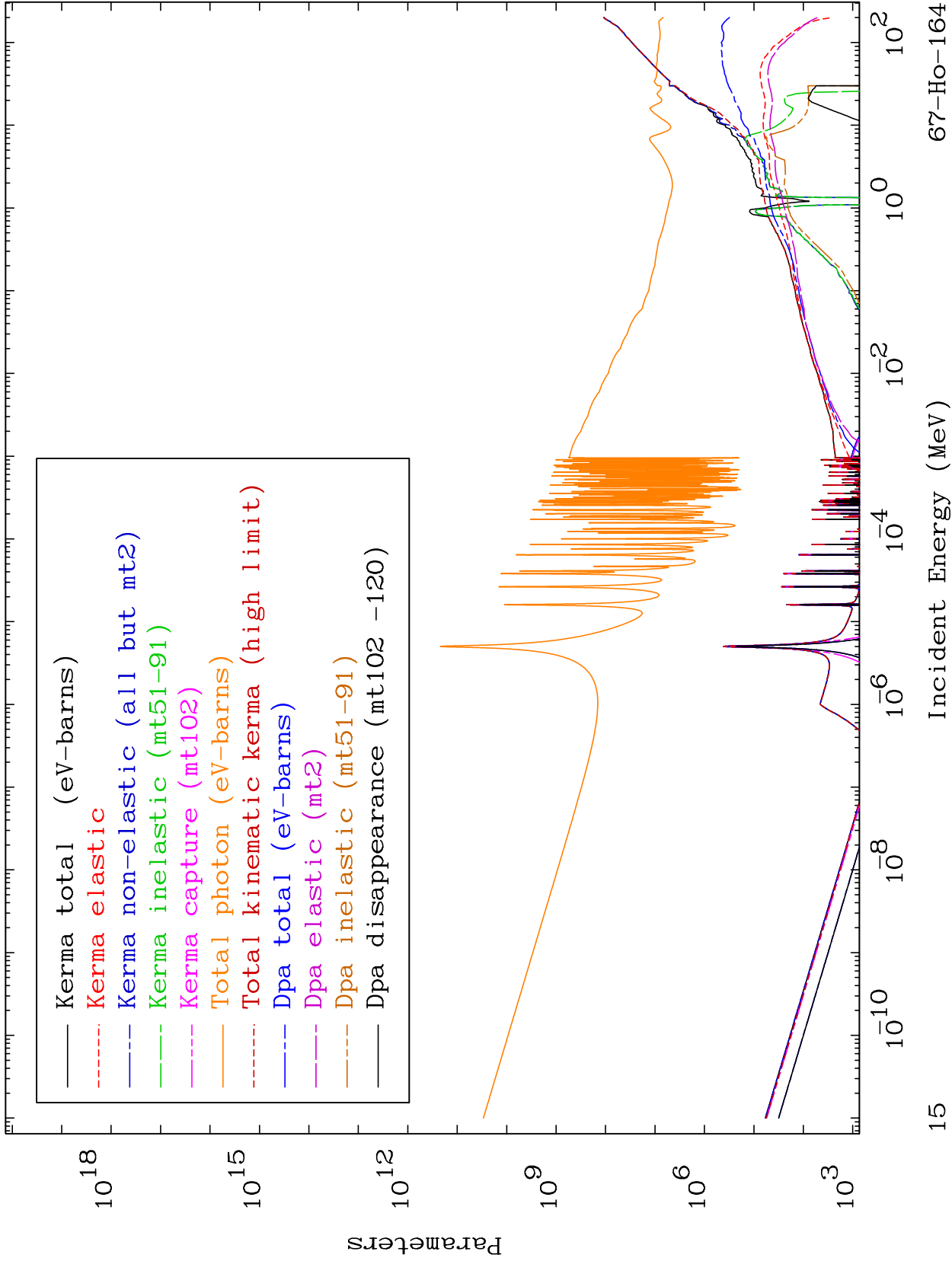
67-Ho-164



14

Incident Energy (MeV)

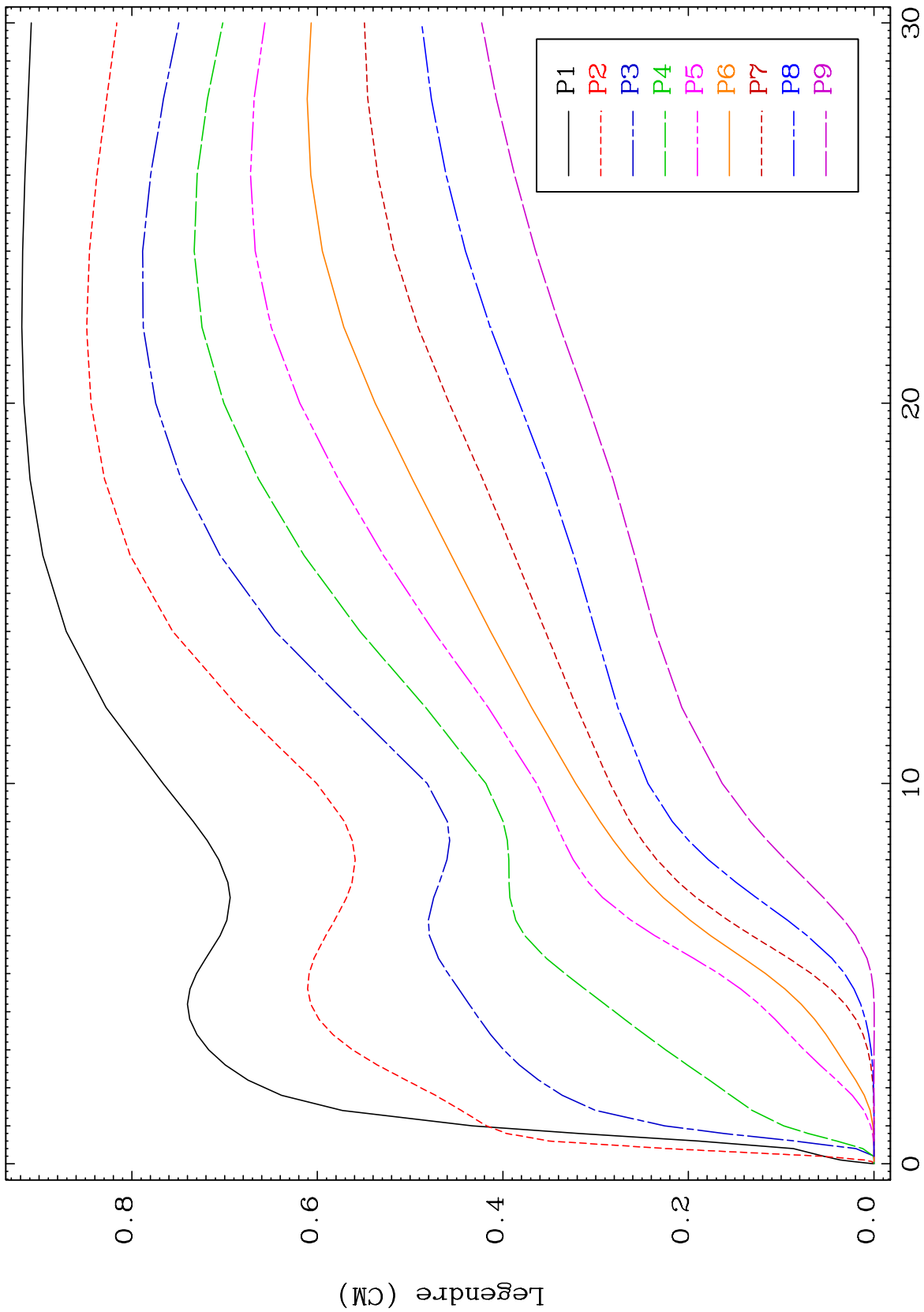
67-Ho-164



MAT 6722

Elastic Legendre Coefficients

67-Ho-164



16

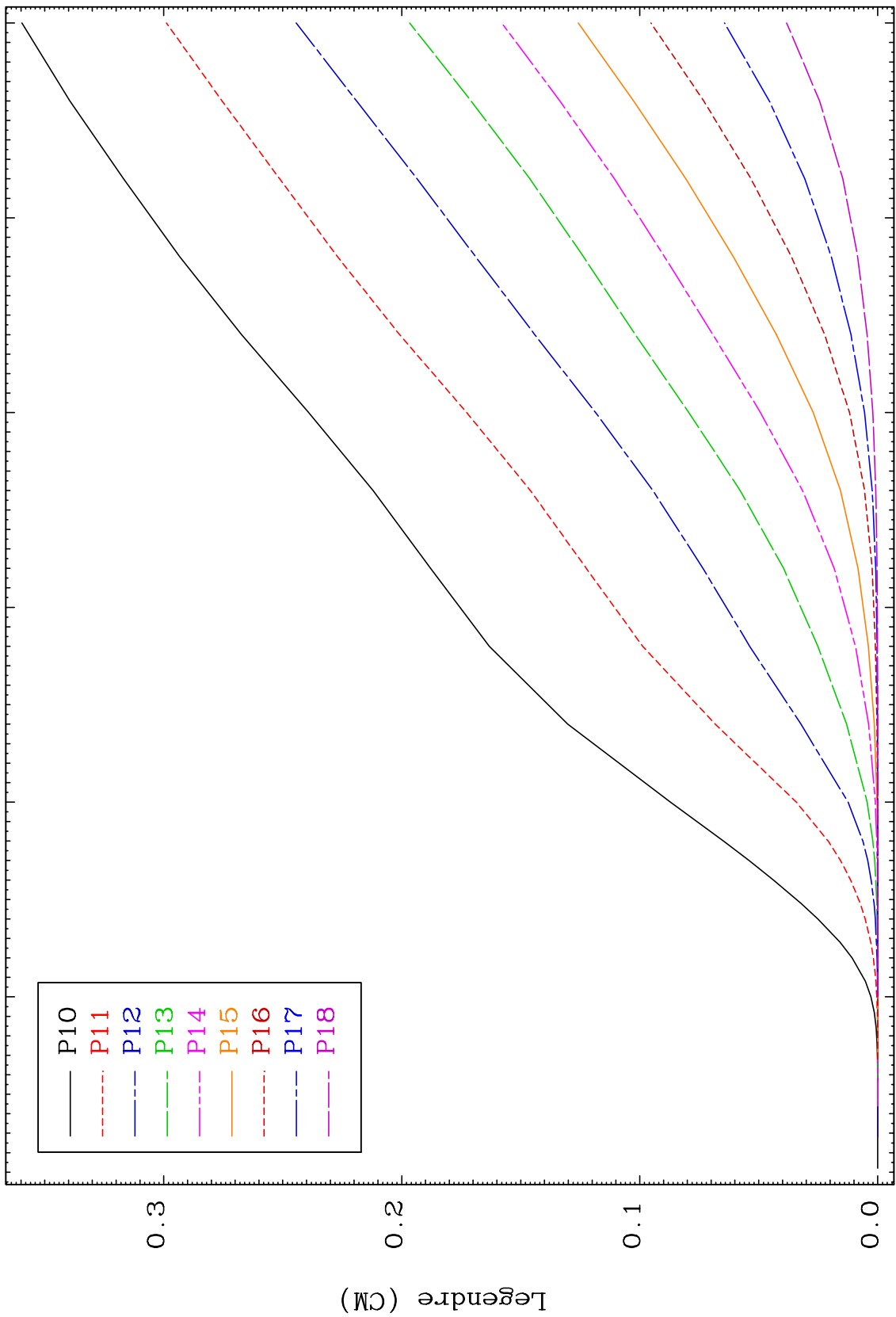
Incident Energy (MeV)

67-Ho-164

MAT 6722

Elastic Legendre Coefficients

67-Ho-164



17

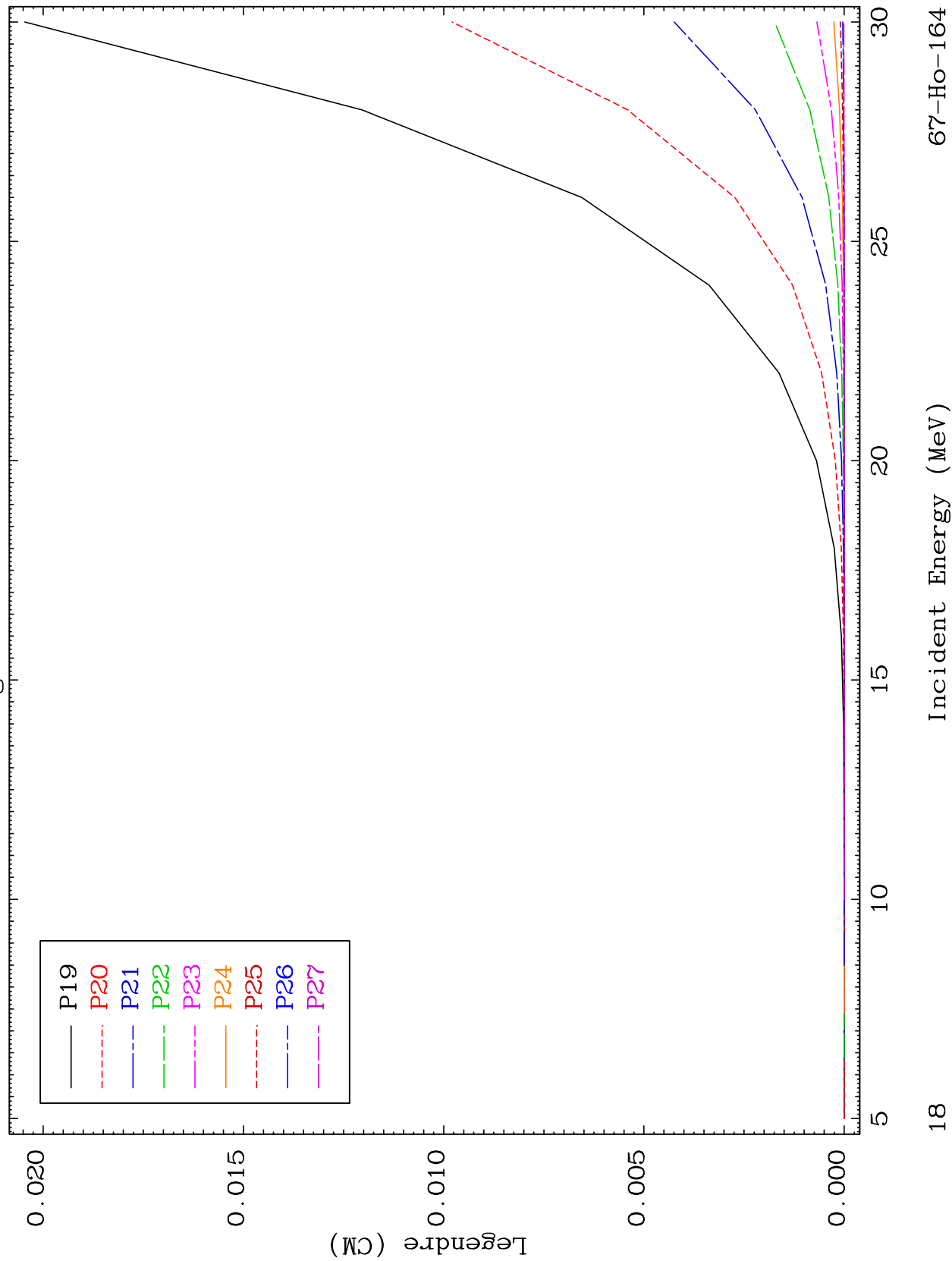
67-Ho-164

Incident Energy (MeV)

MAT 6722

Elastic Legendre Coefficients

67-Ho-164



18

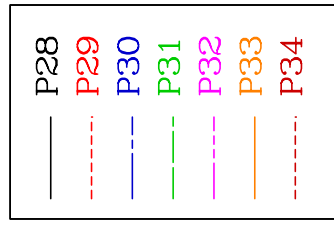
Incident Energy (MeV)

67-Ho-164

MAT 6722

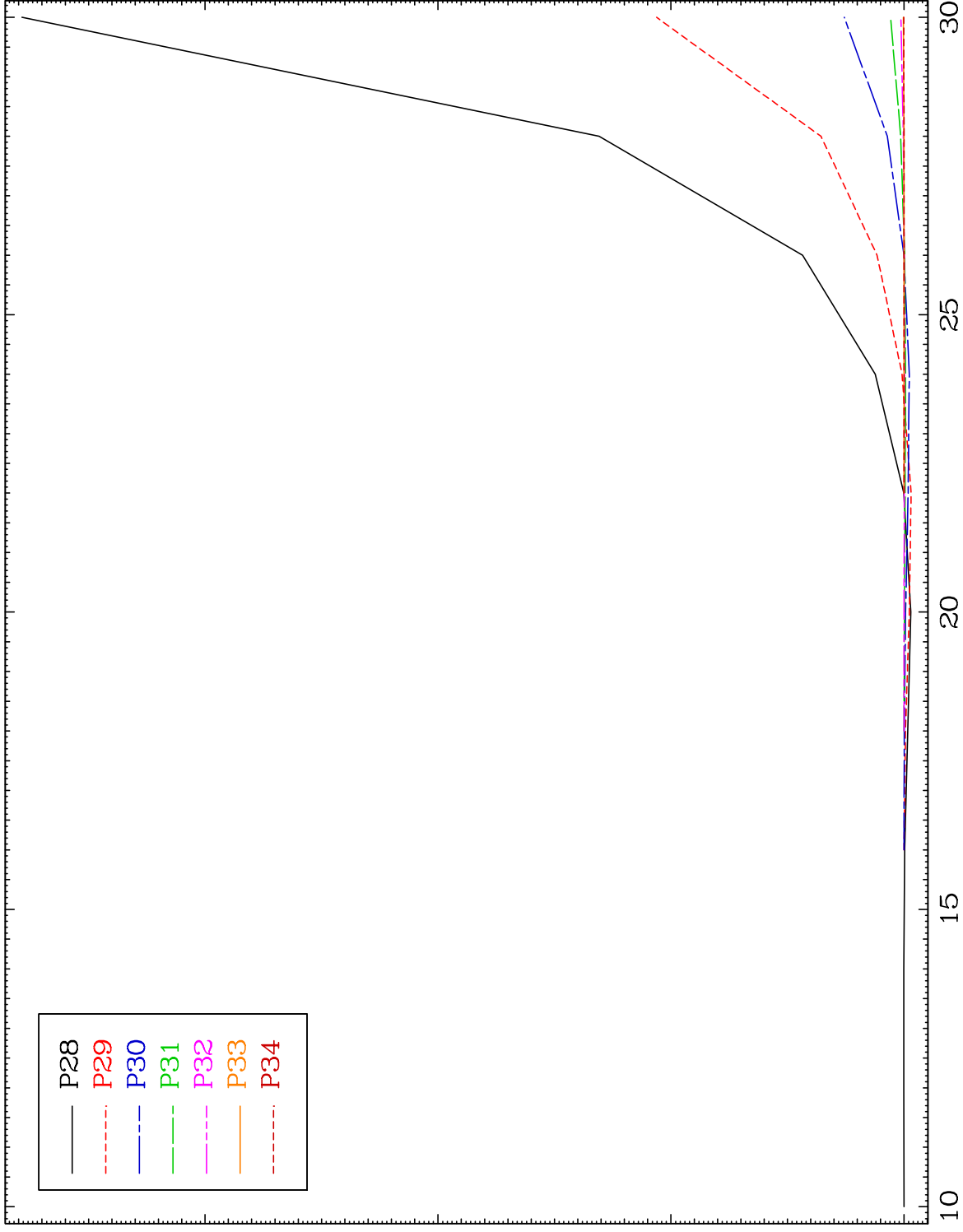
Elastic
Legendre Coefficients

67-Ho-164



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

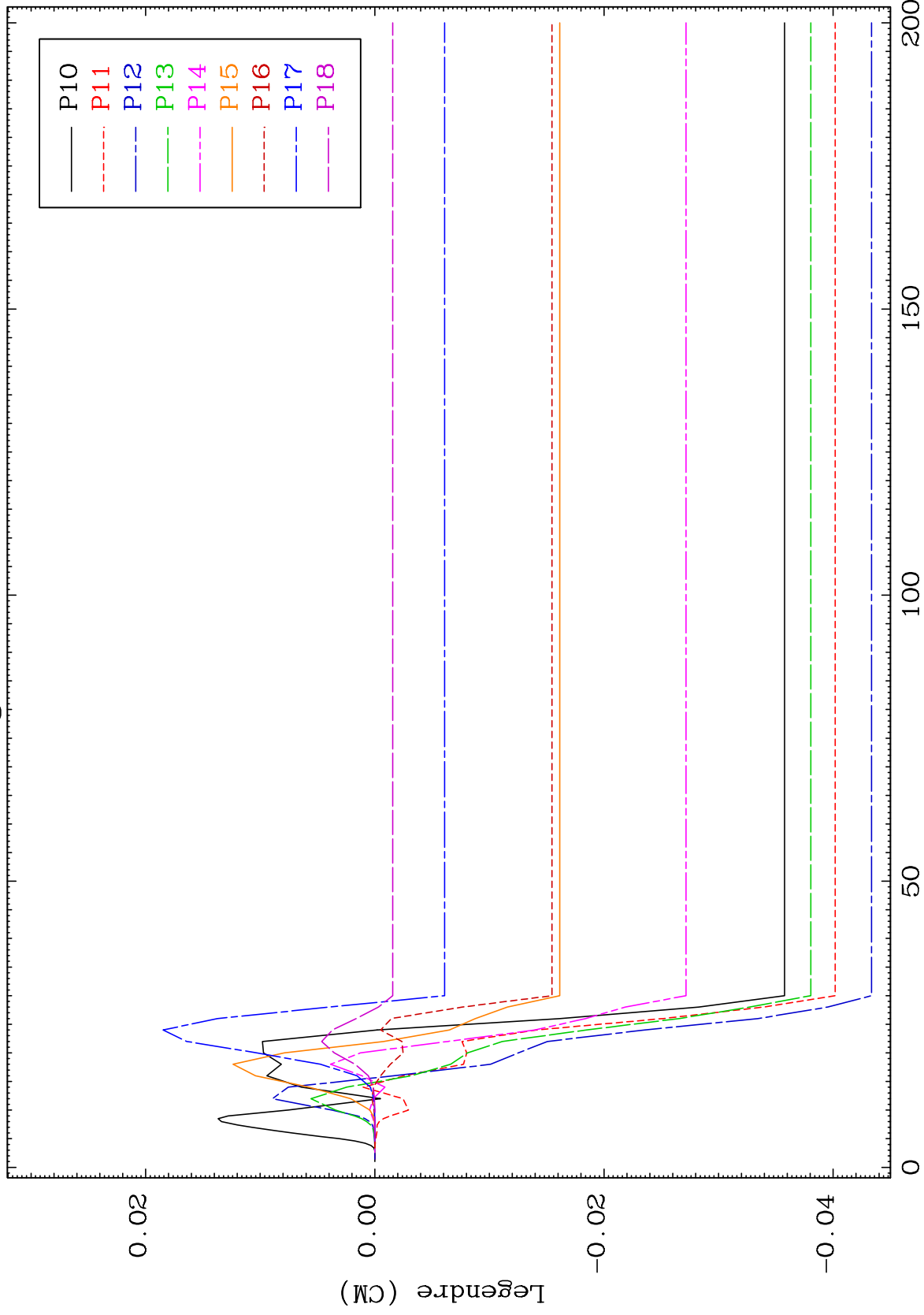
Incident Energy (MeV)

67-Ho-164

MAT 6722

37.34 keV (n,n') Level
Legendre Coefficients

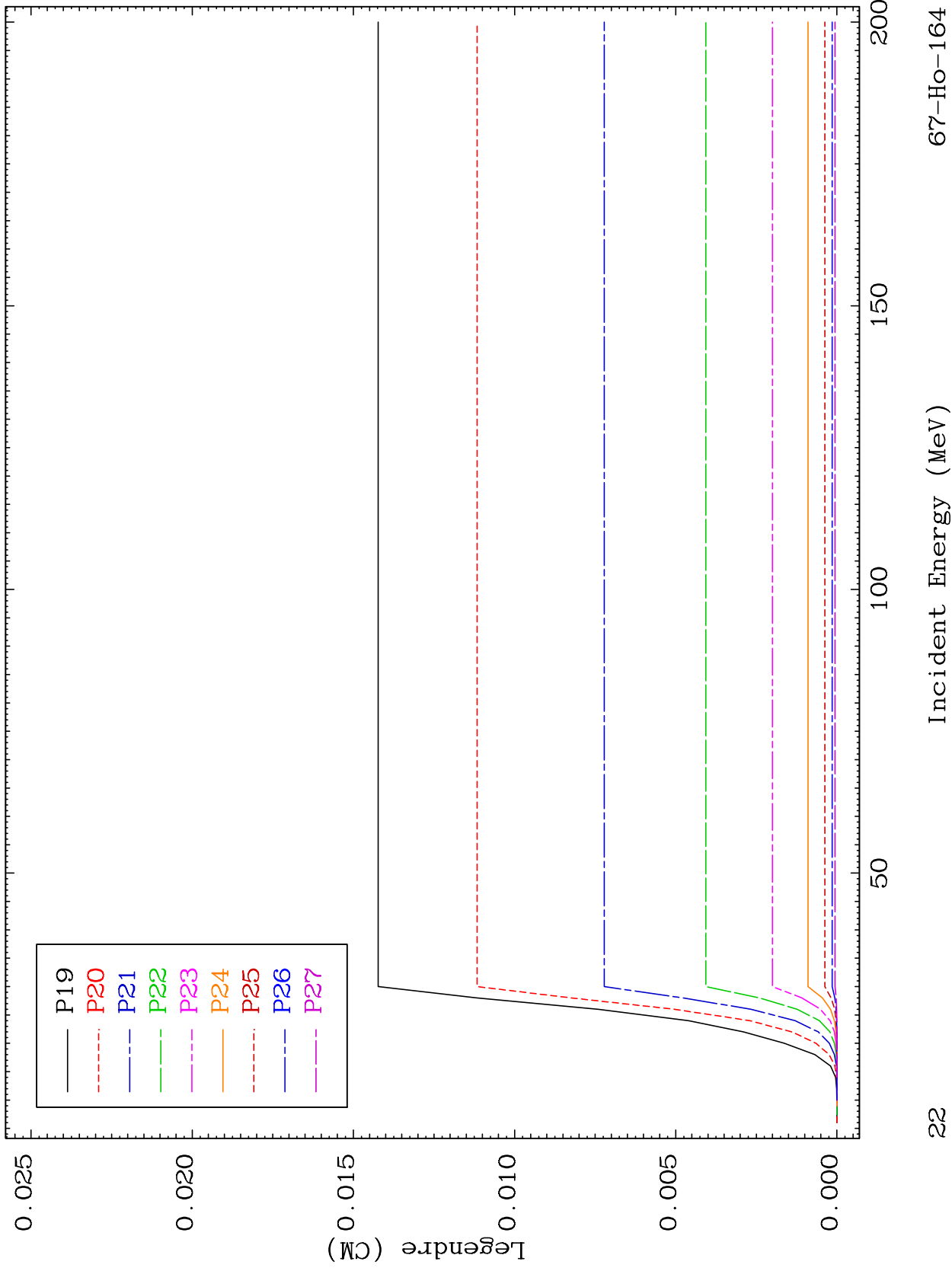
67-Ho-164



21

Incident Energy (MeV)

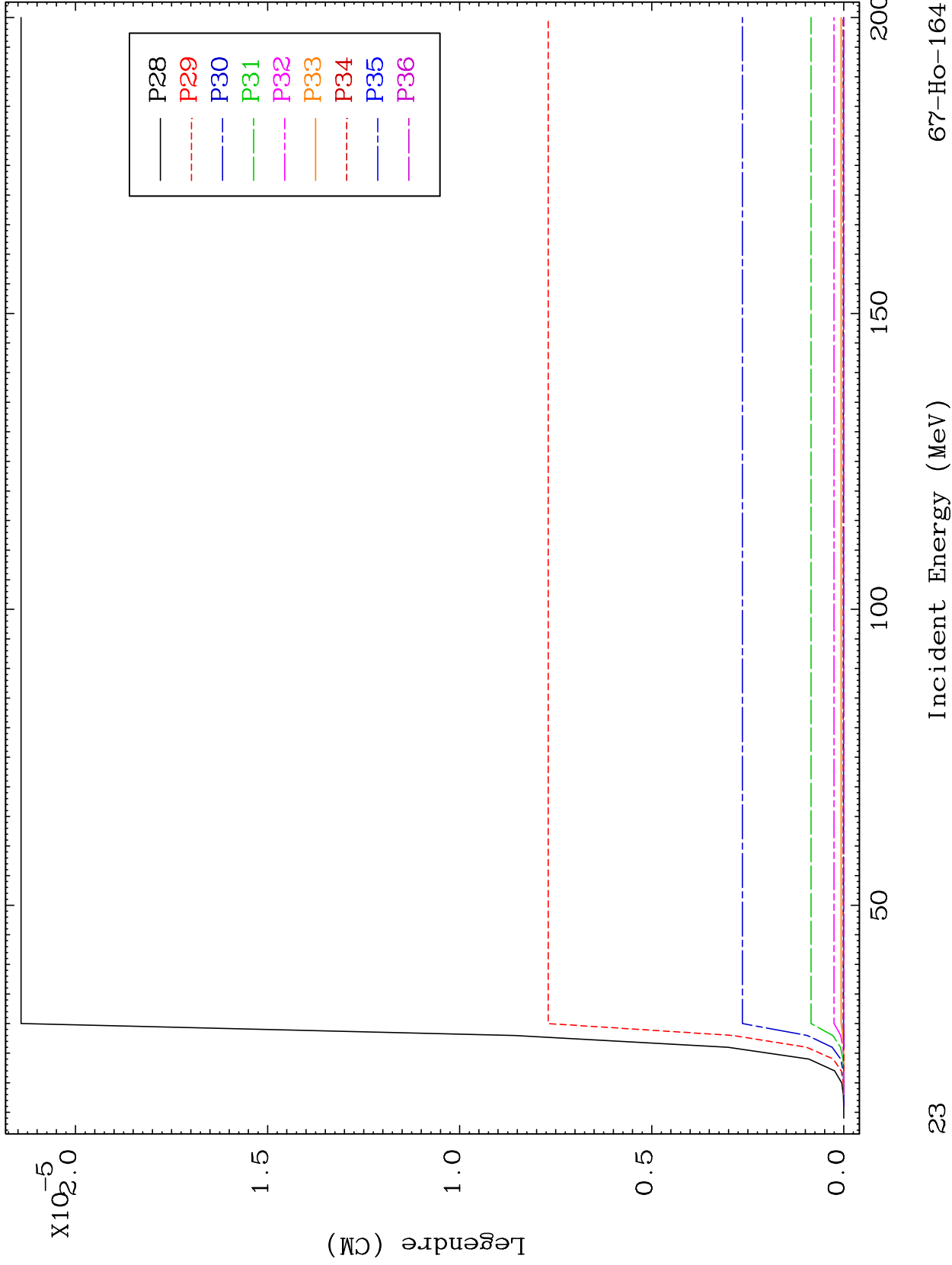
67-Ho-164



MAT 6722

37.34 keV (n,n') Level
Legendre Coefficients

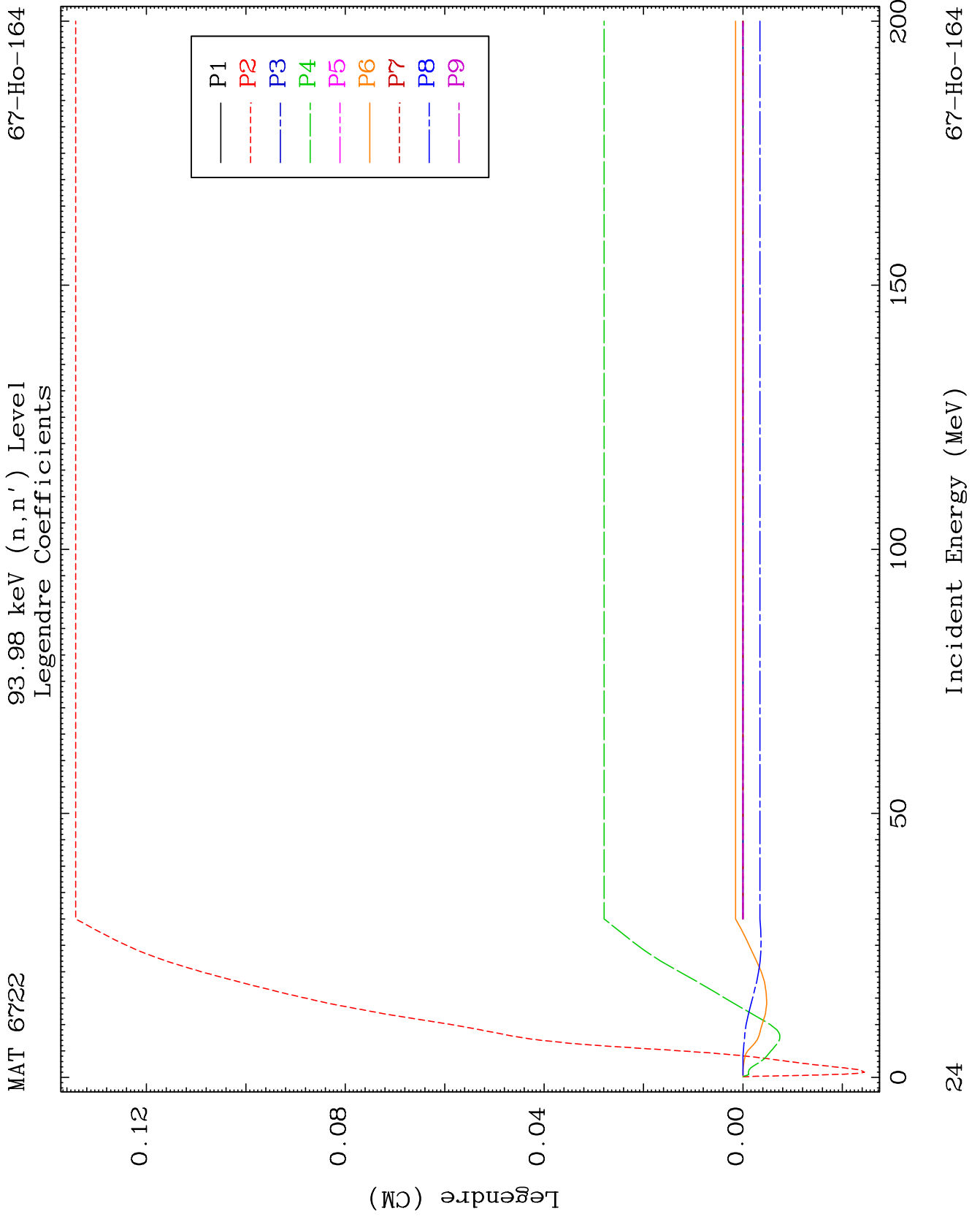
67-Ho-164

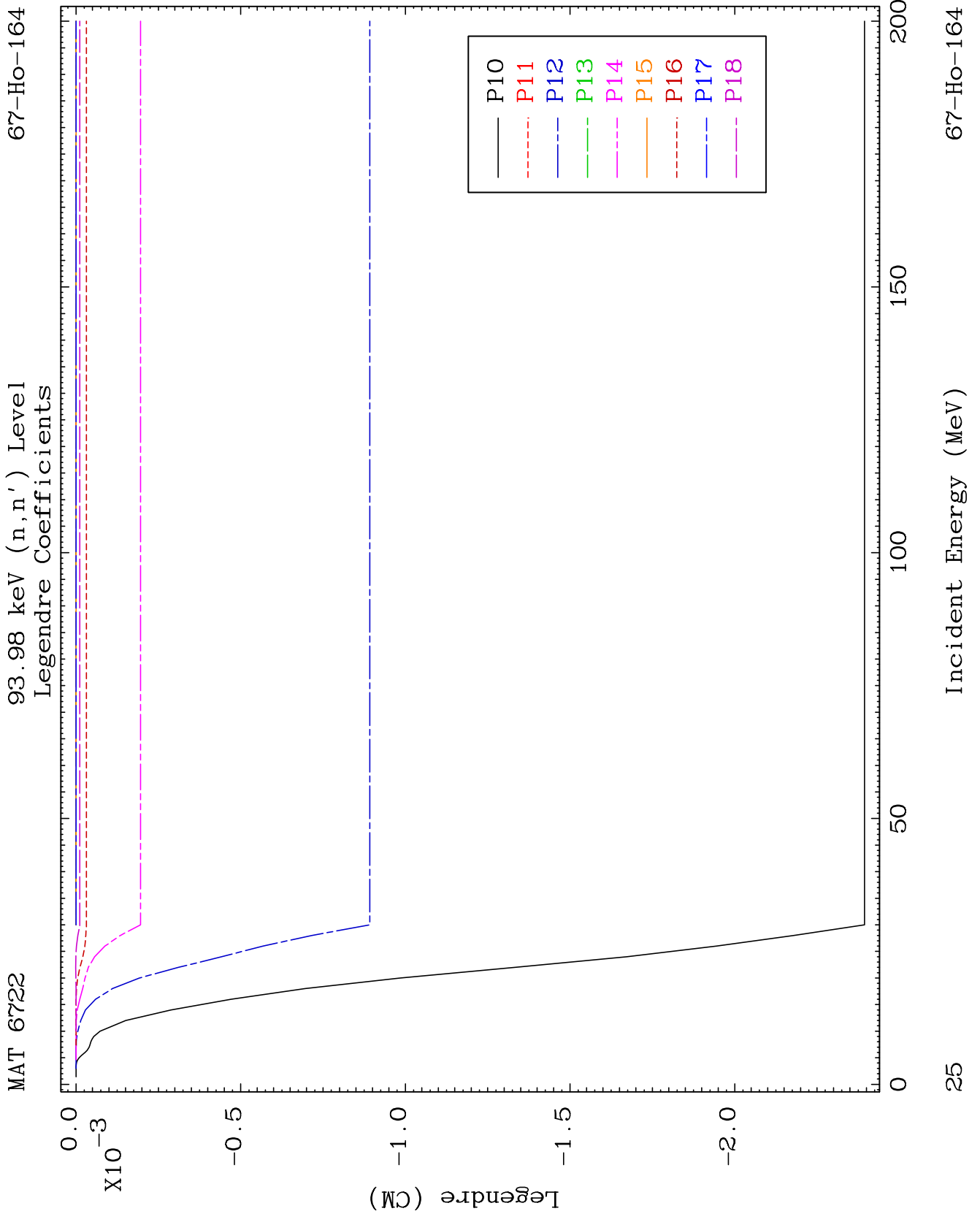


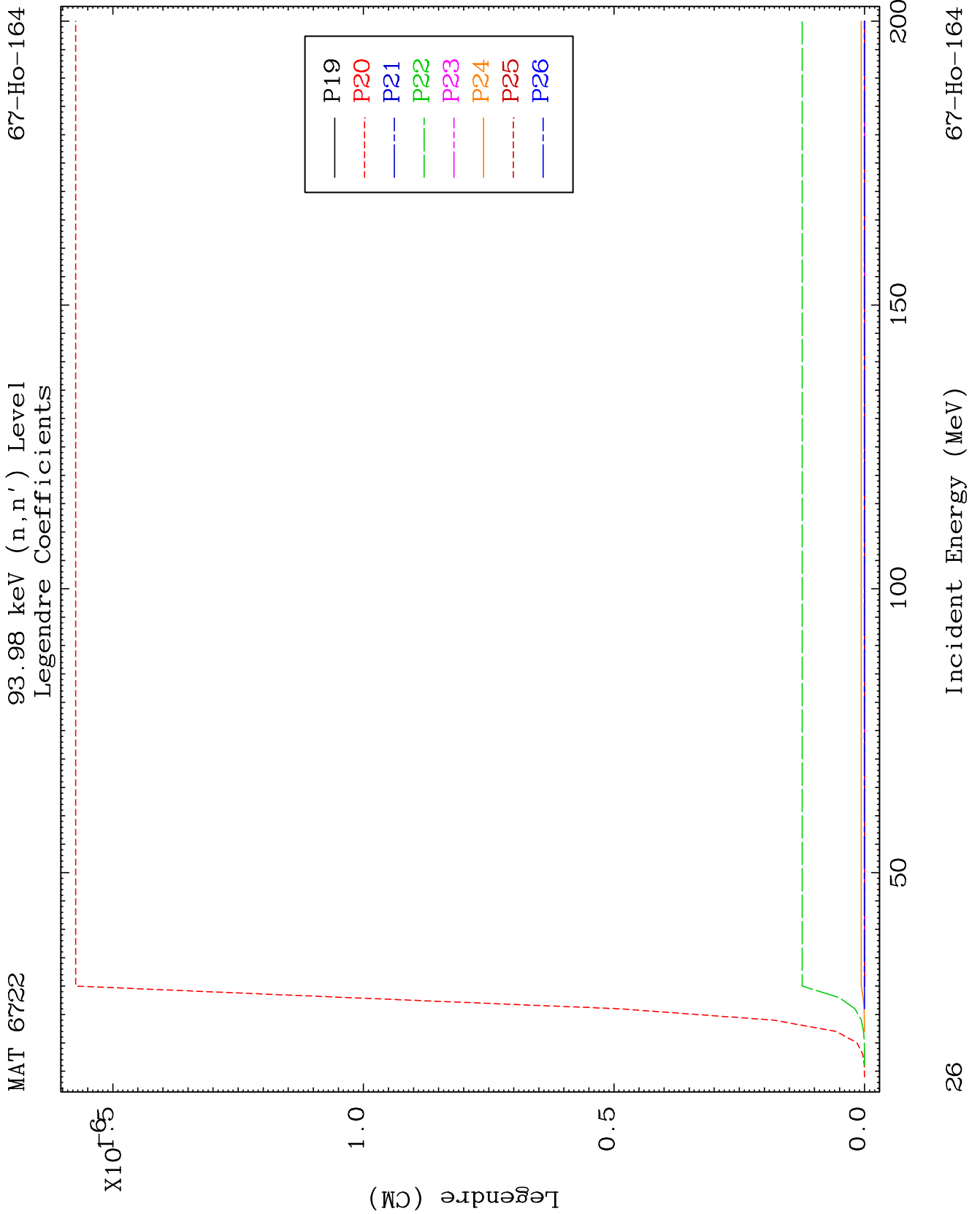
23

Incident Energy (MeV)

67-Ho-164



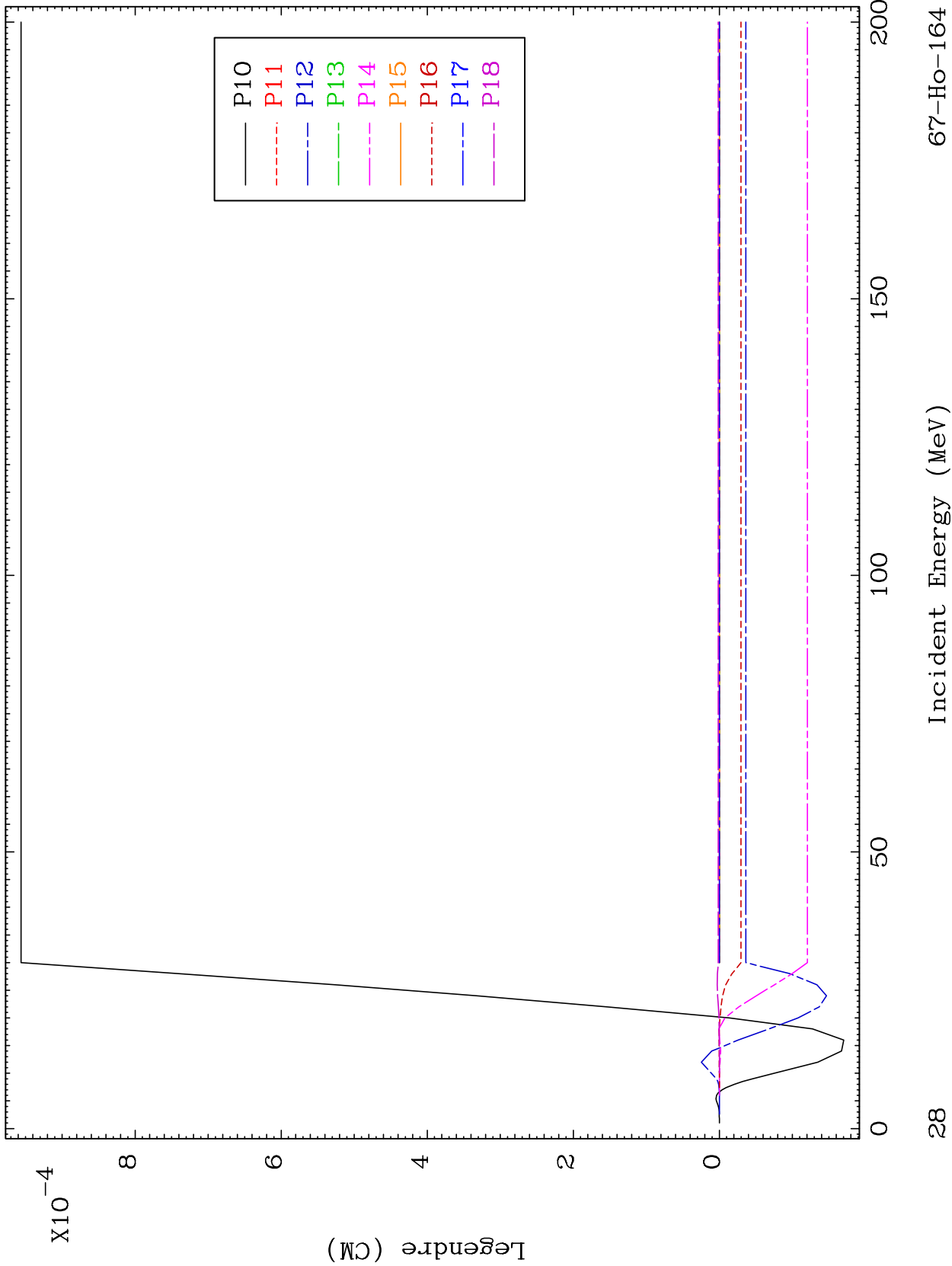




MAT 6722

139.8 keV (n,n') Level
Legendre Coefficients

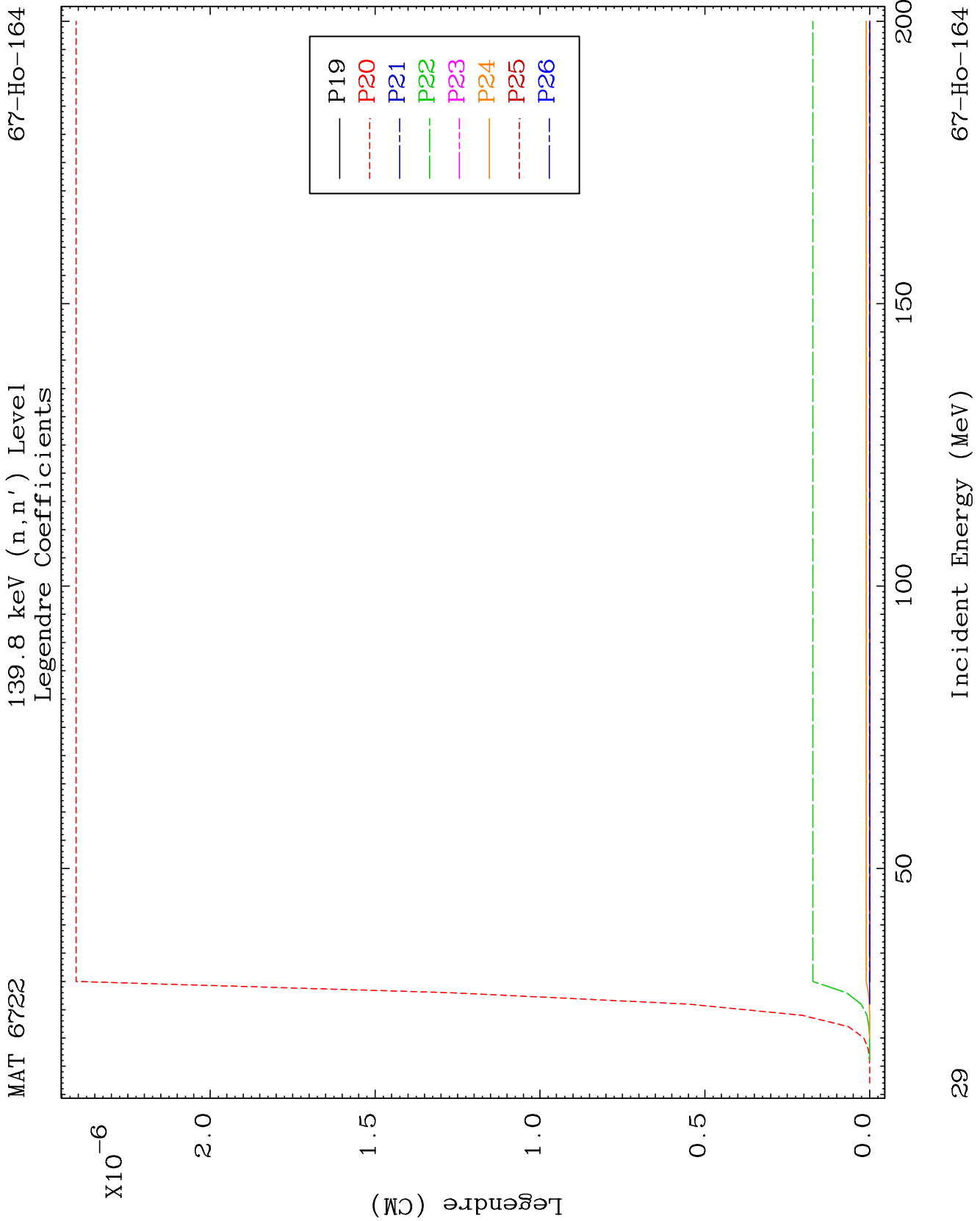
67-Ho-164



28

Incident Energy (MeV)

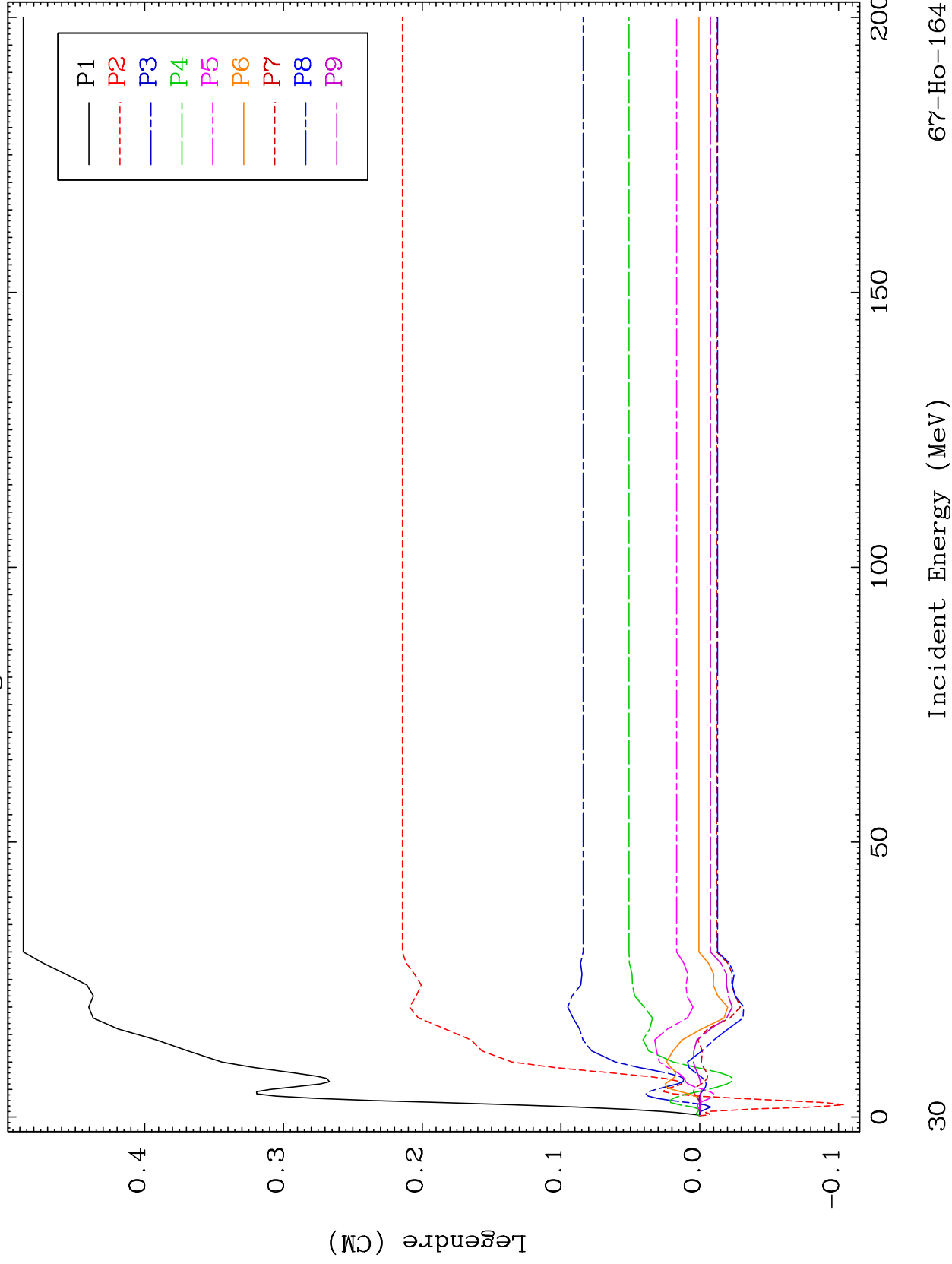
67-Ho-164



MAT 6722

166.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164



67-Ho-164

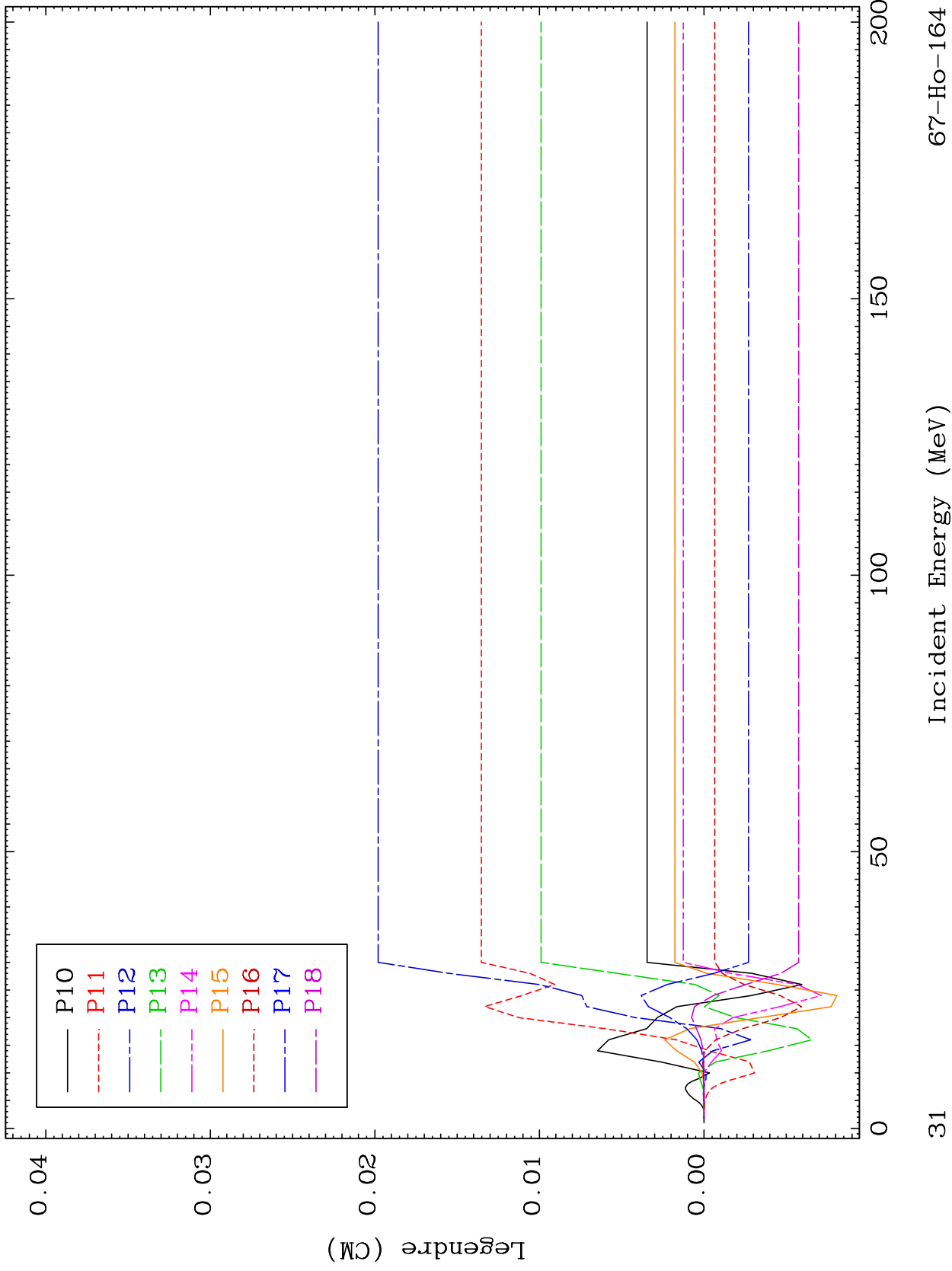
Incident Energy (MeV)

30

MAT 6722

166.0 keV (n,n') Level
Legendre Coefficients

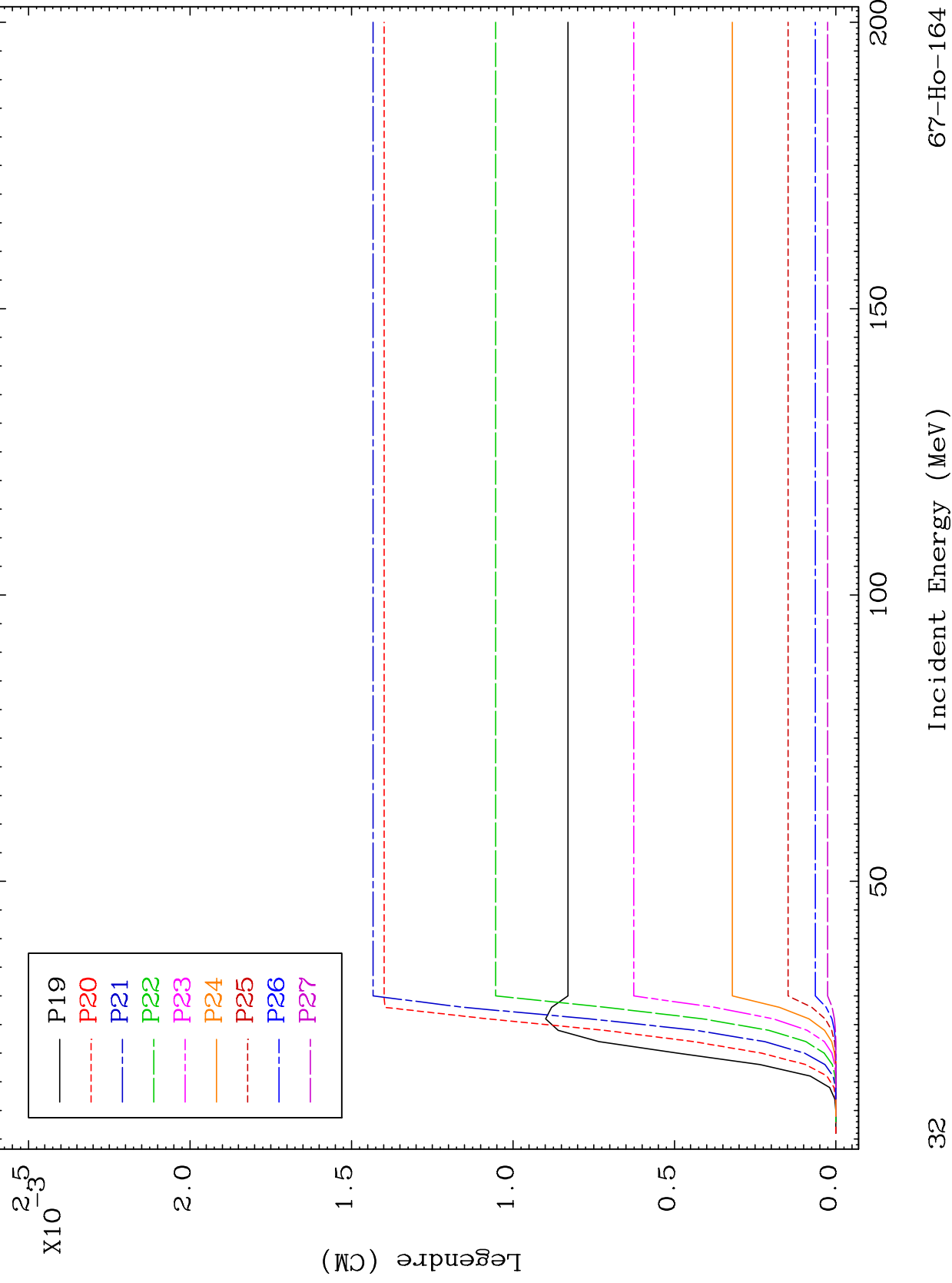
67-Ho-164

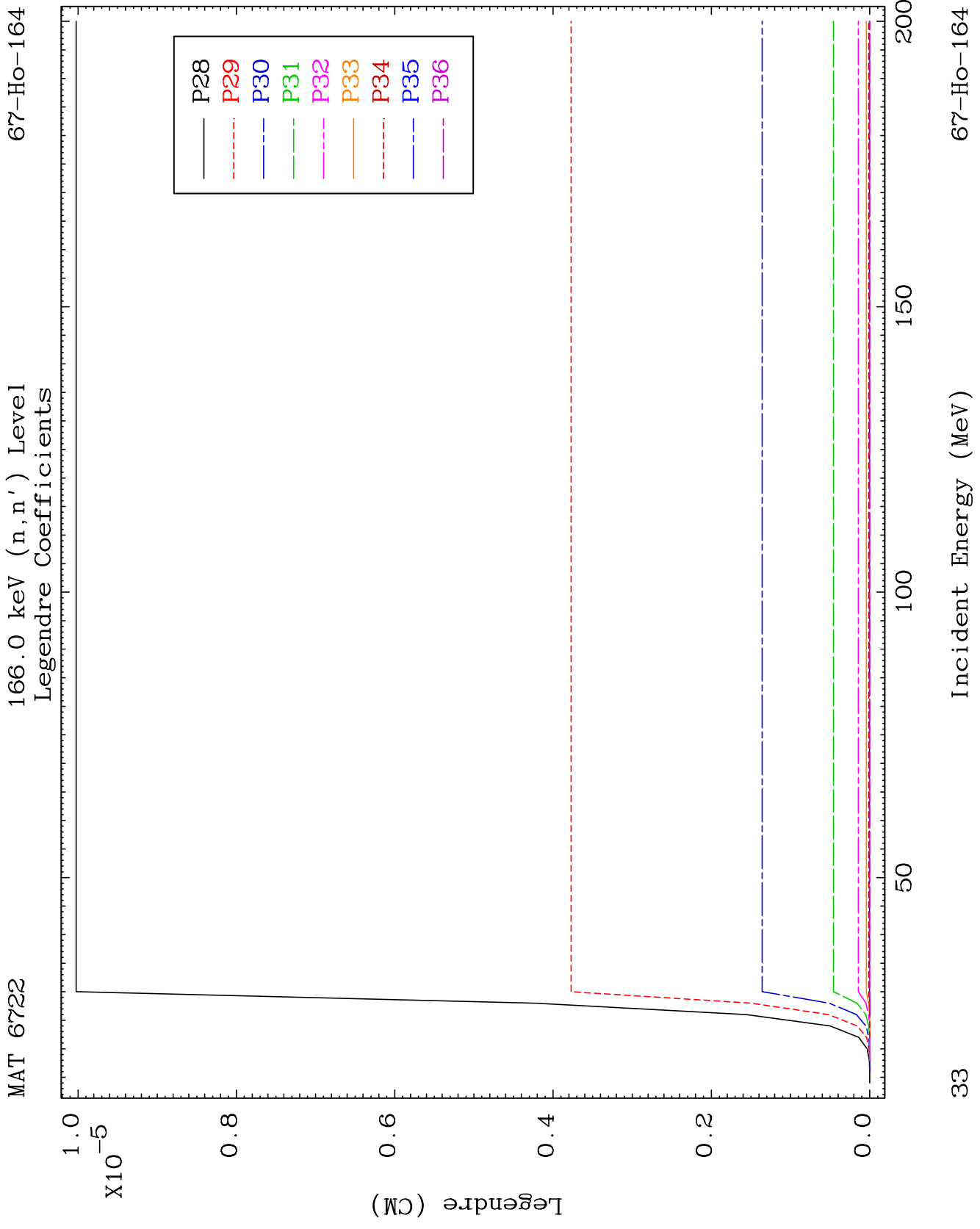


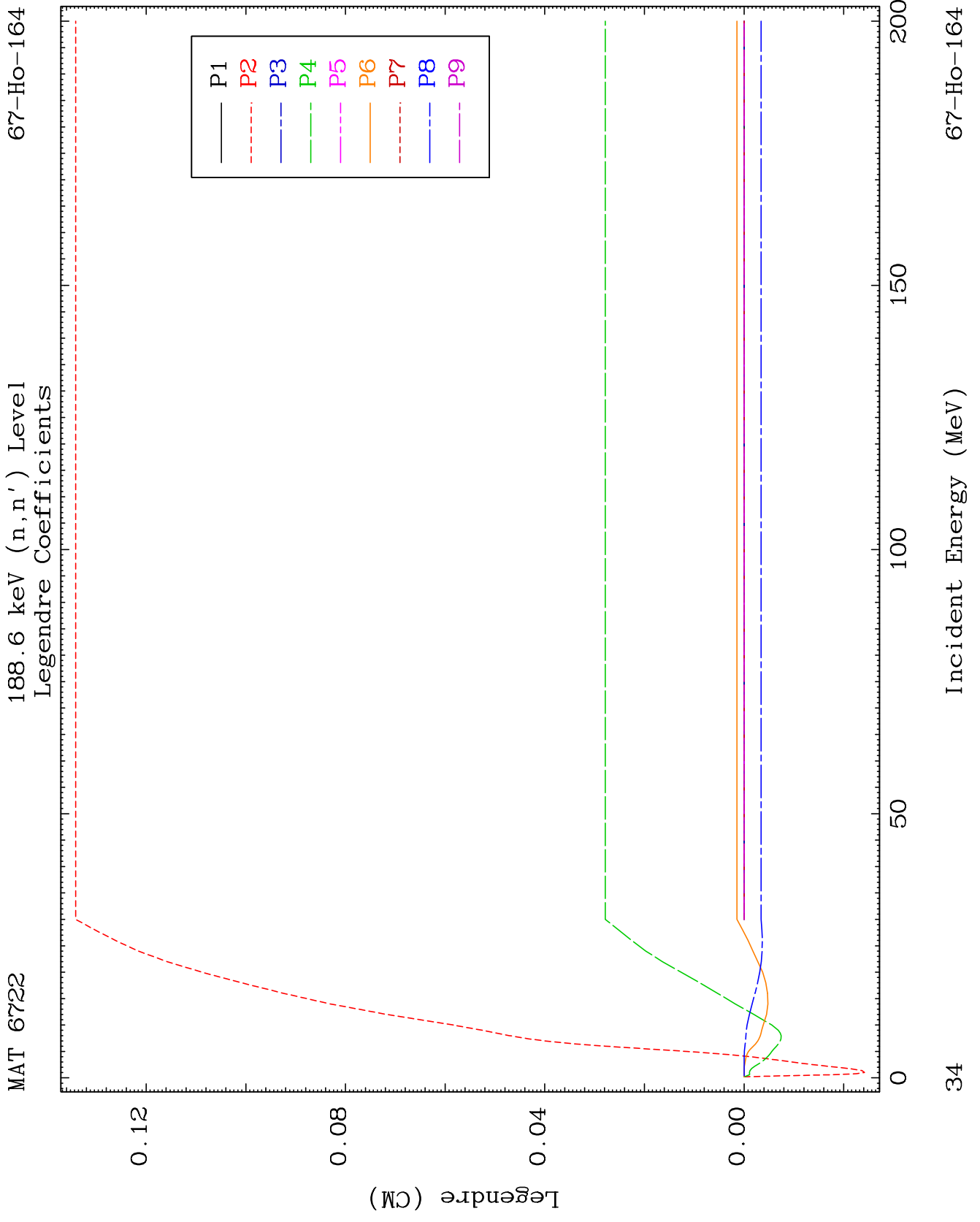
31

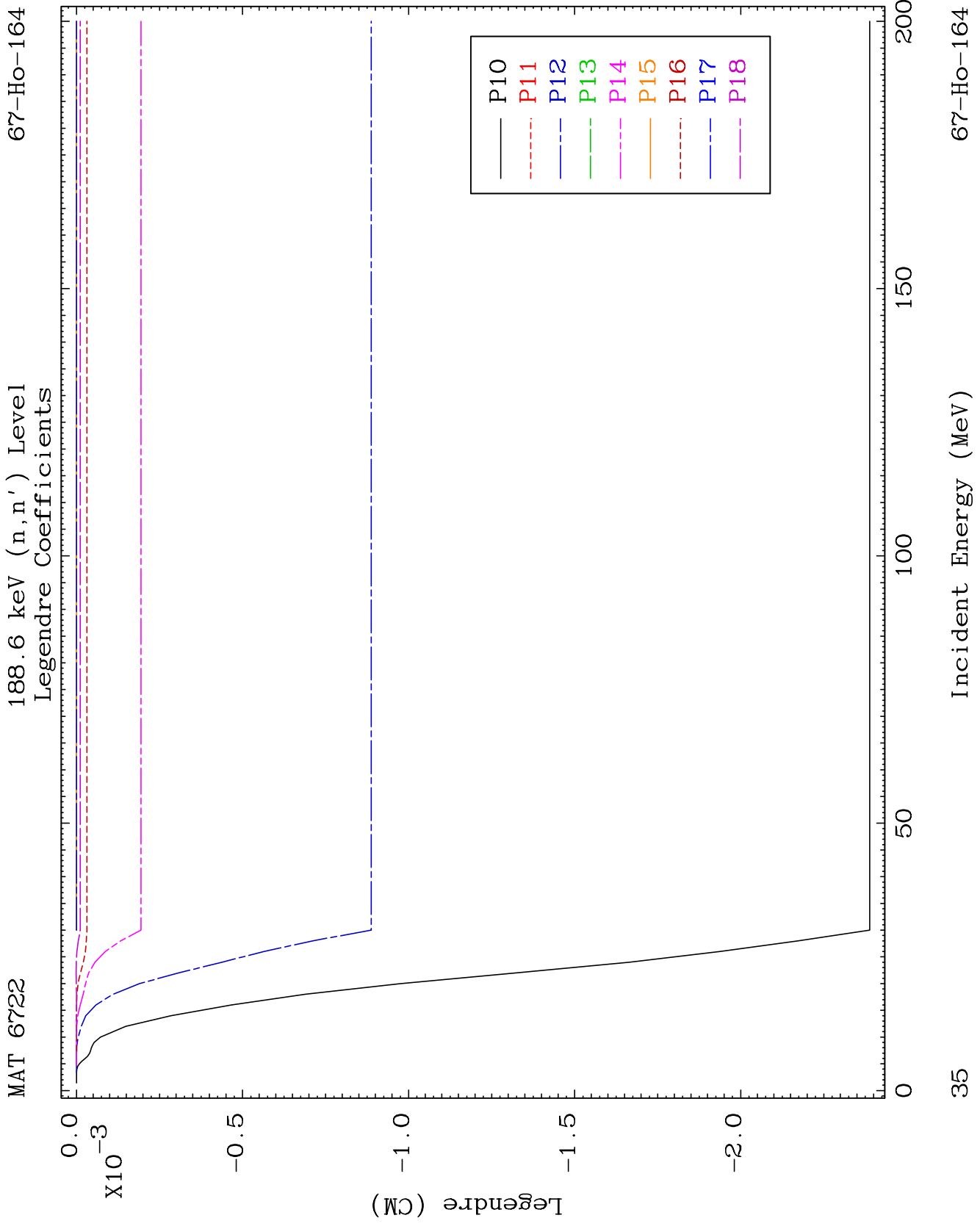
Incident Energy (MeV)

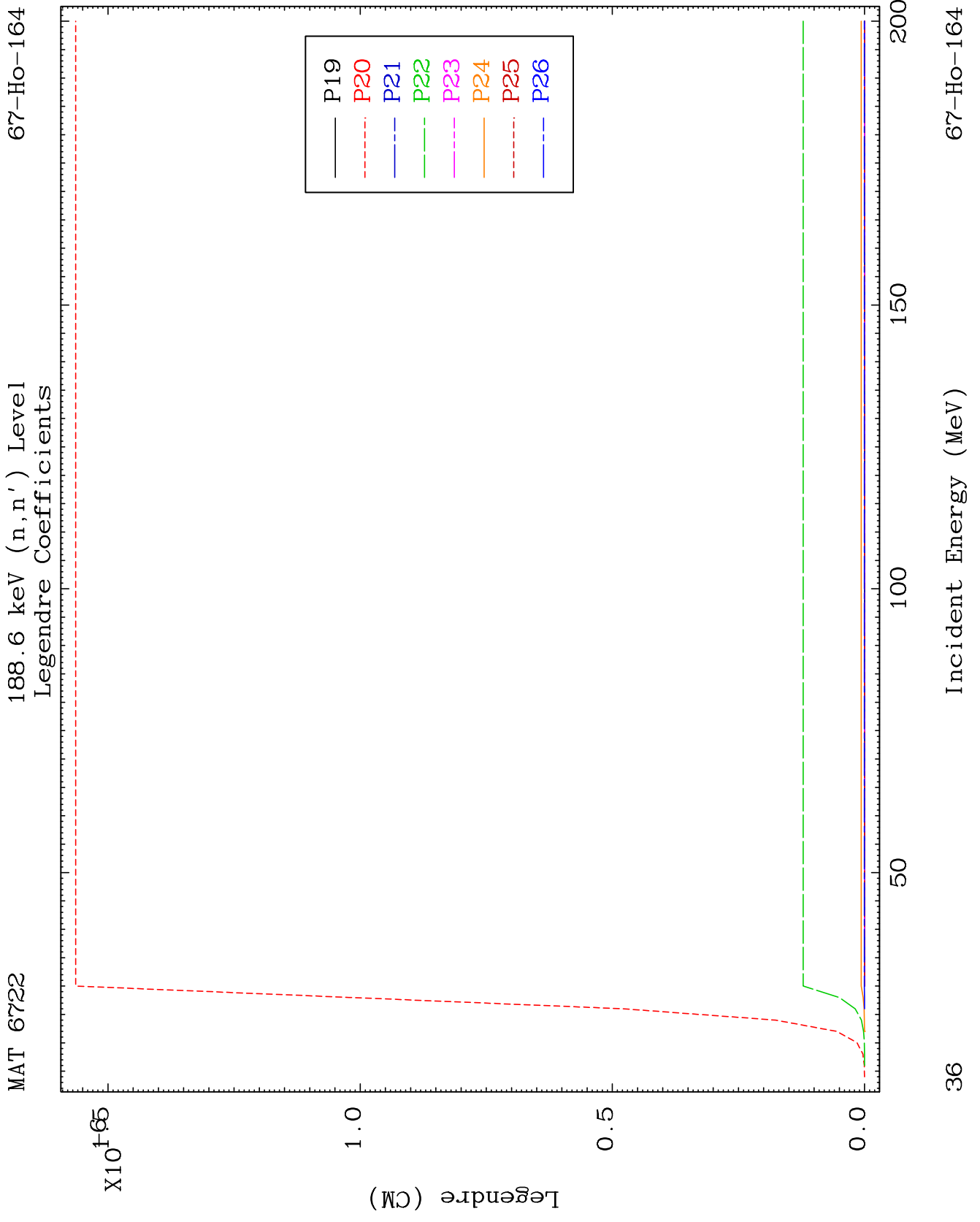
67-Ho-164







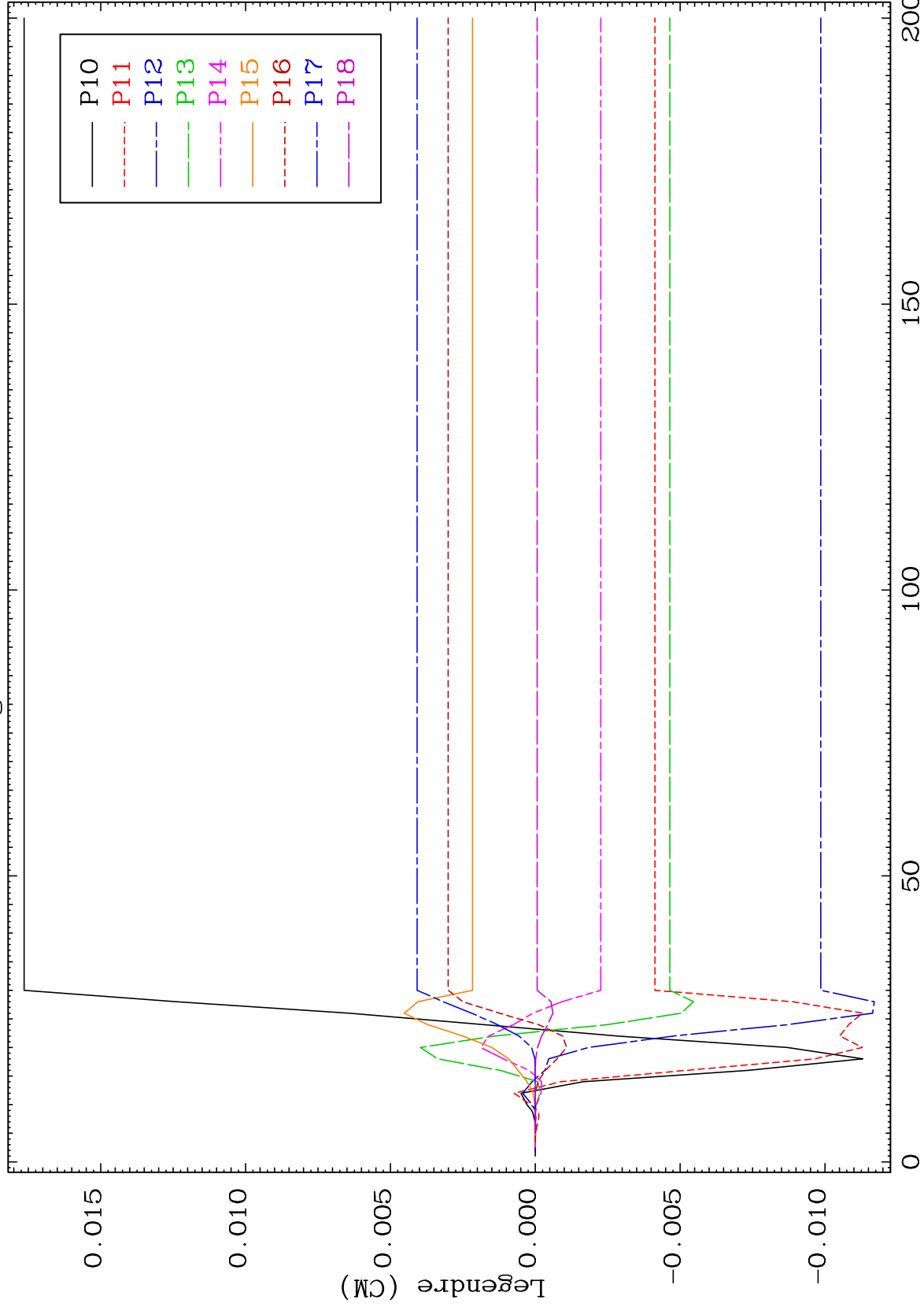




MAT 6722

191.0 keV (n,n') Level
Legendre Coefficients

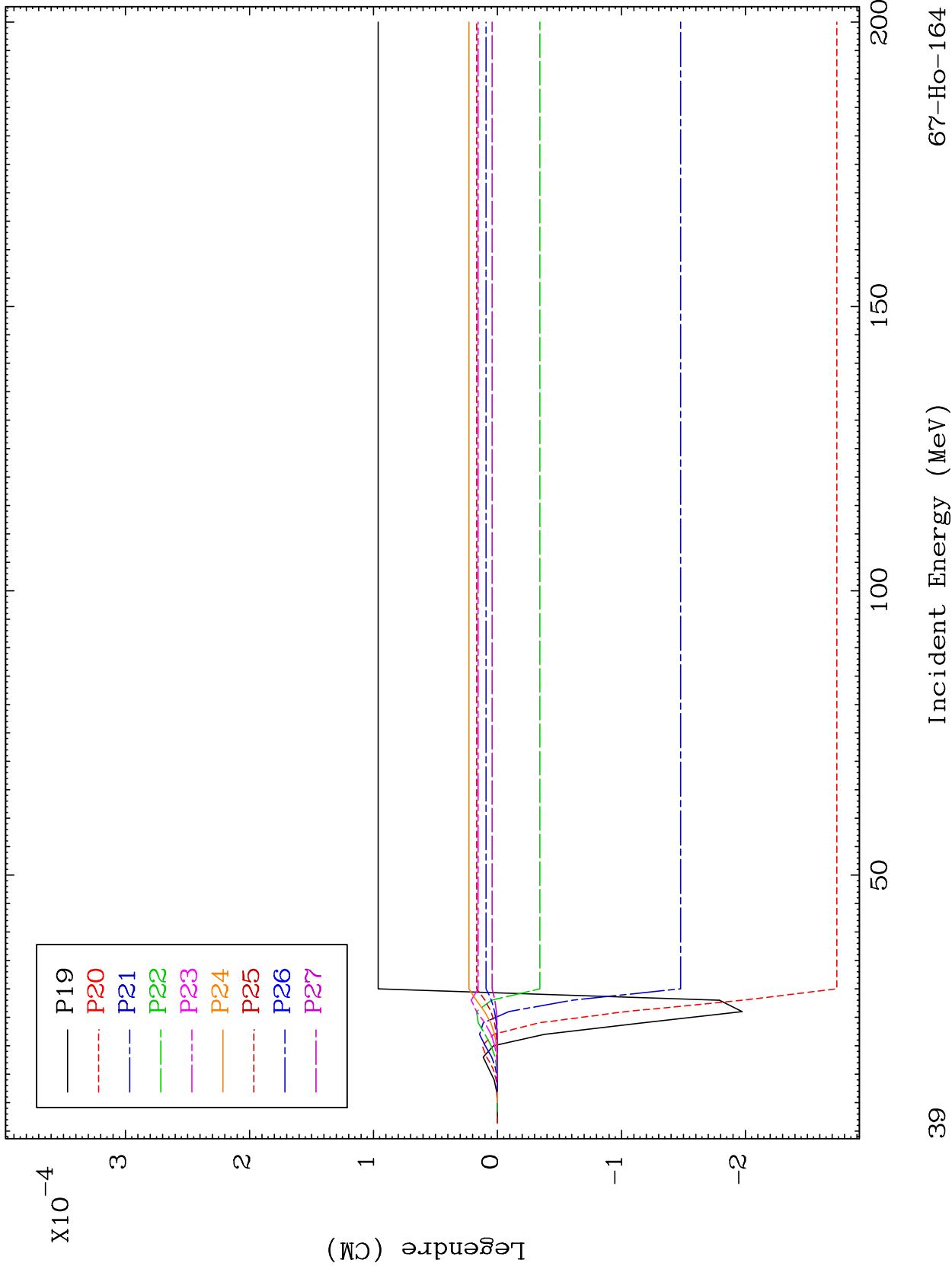
67-Ho-164



38

Incident Energy (MeV)

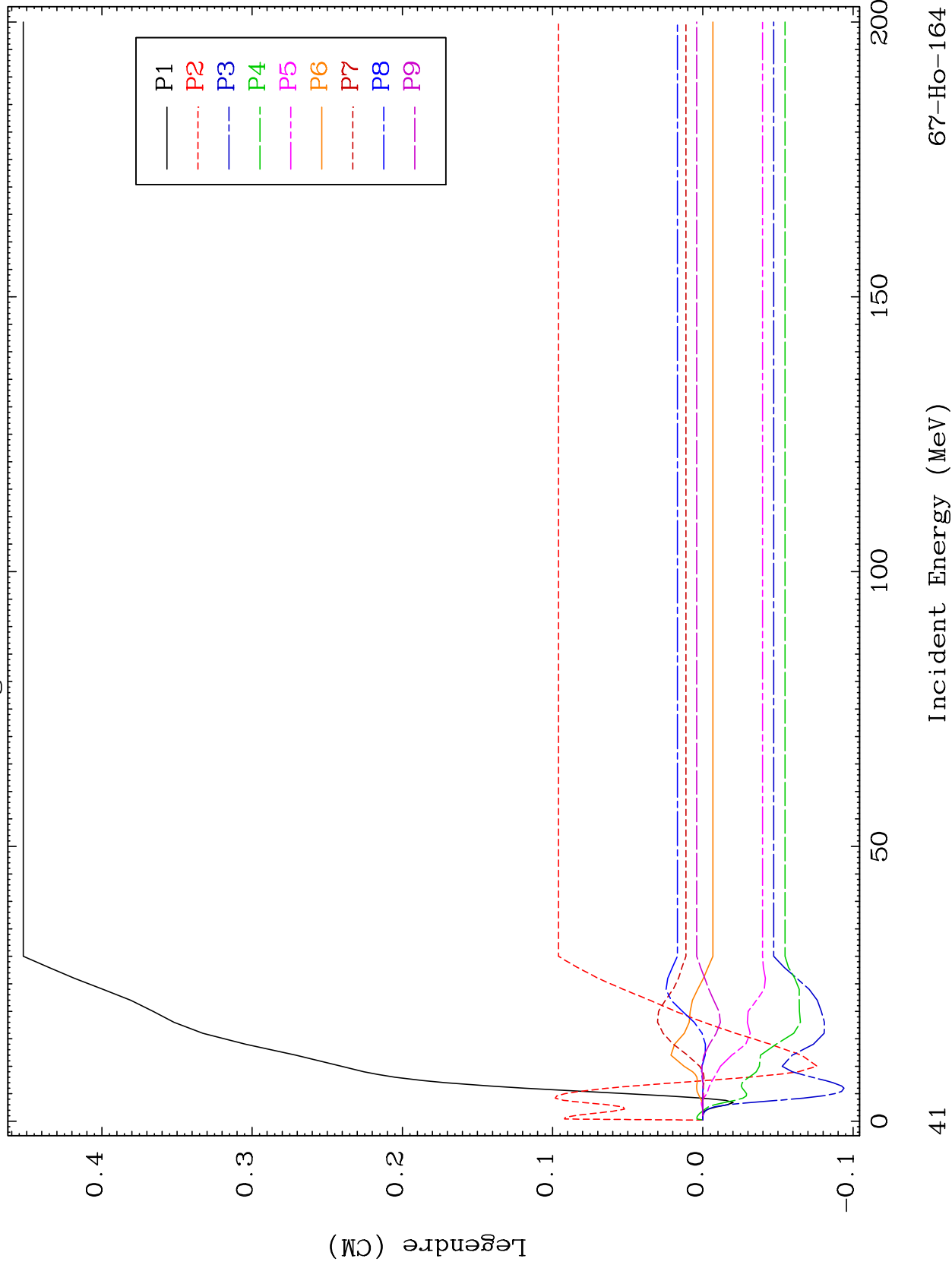
67-Ho-164



MAT 6722

203.8 keV (n,n') Level
Legendre Coefficients

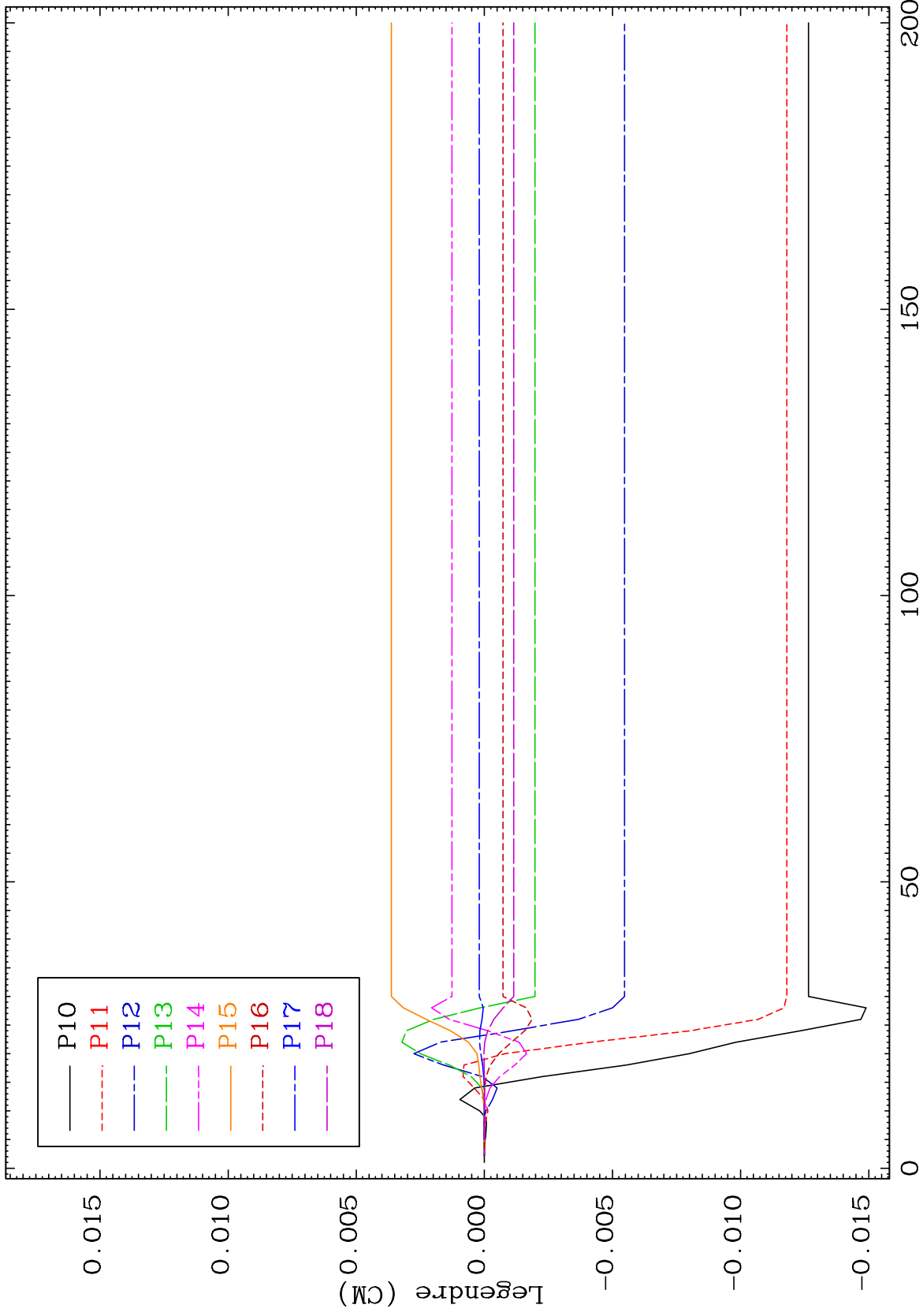
67-Ho-164



67-Ho-164

Incident Energy (MeV)

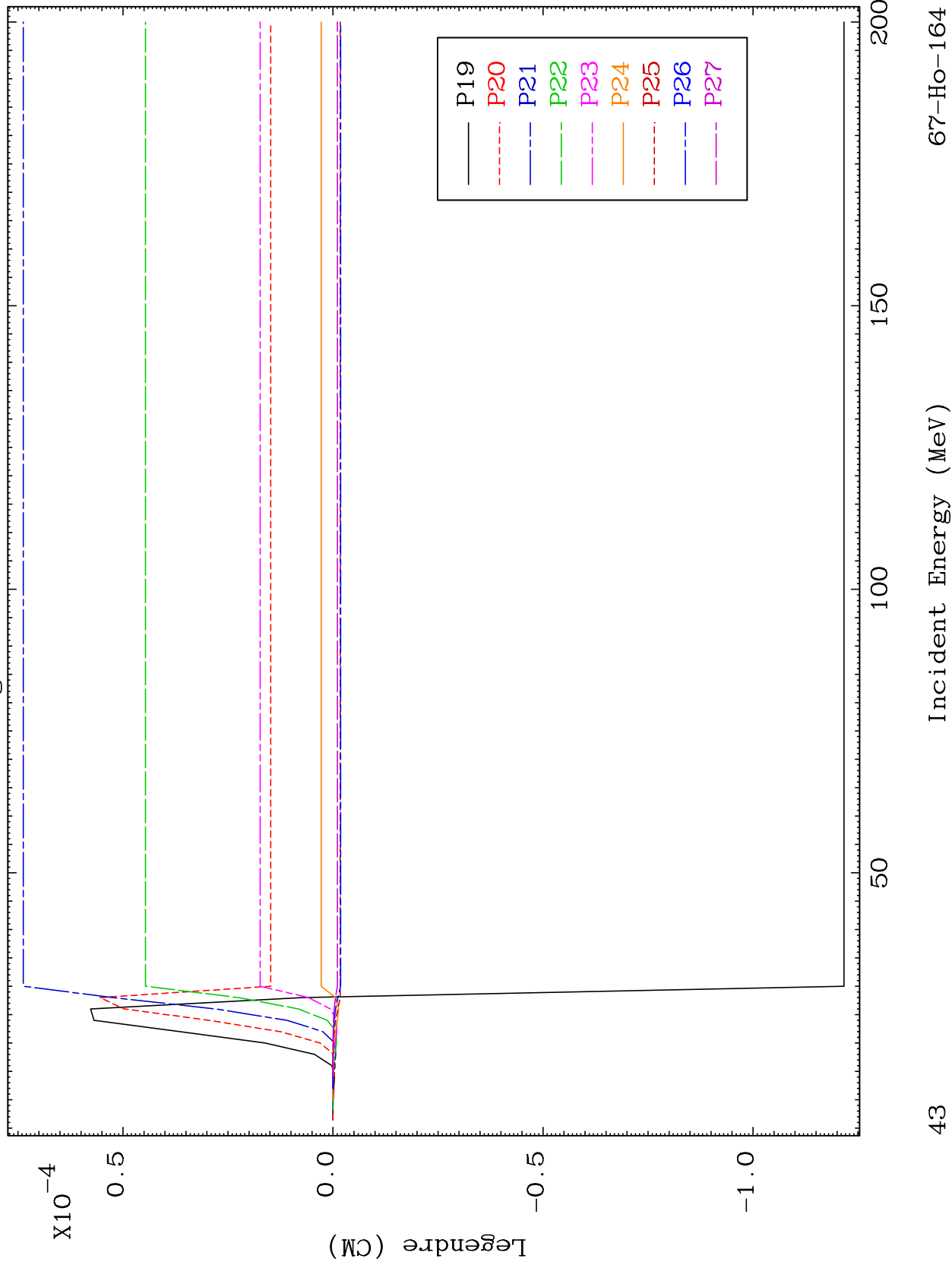
41



MAT 6722

203.8 keV (n,n') Level
Legendre Coefficients

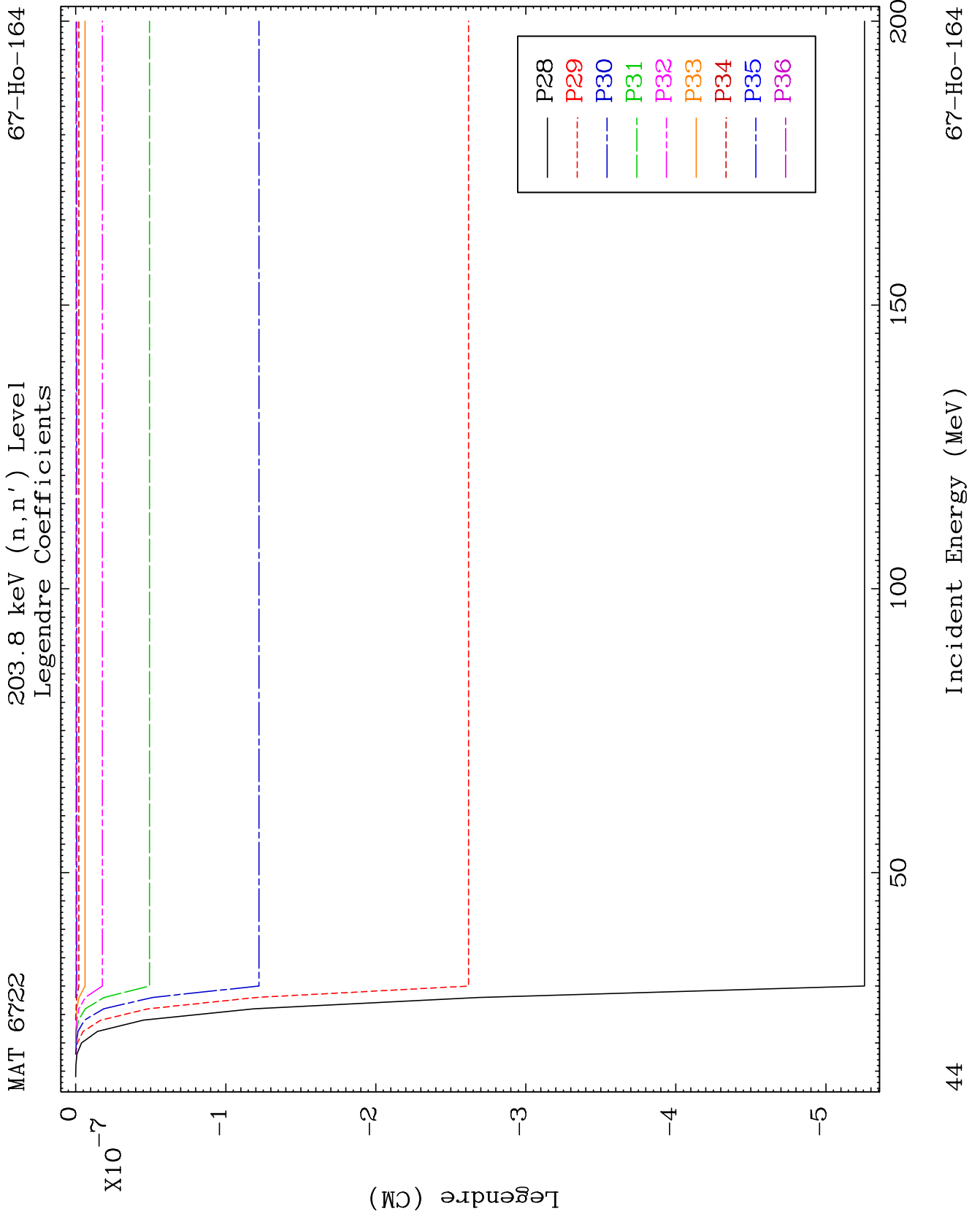
67-Ho-164



43

Incident Energy (MeV)

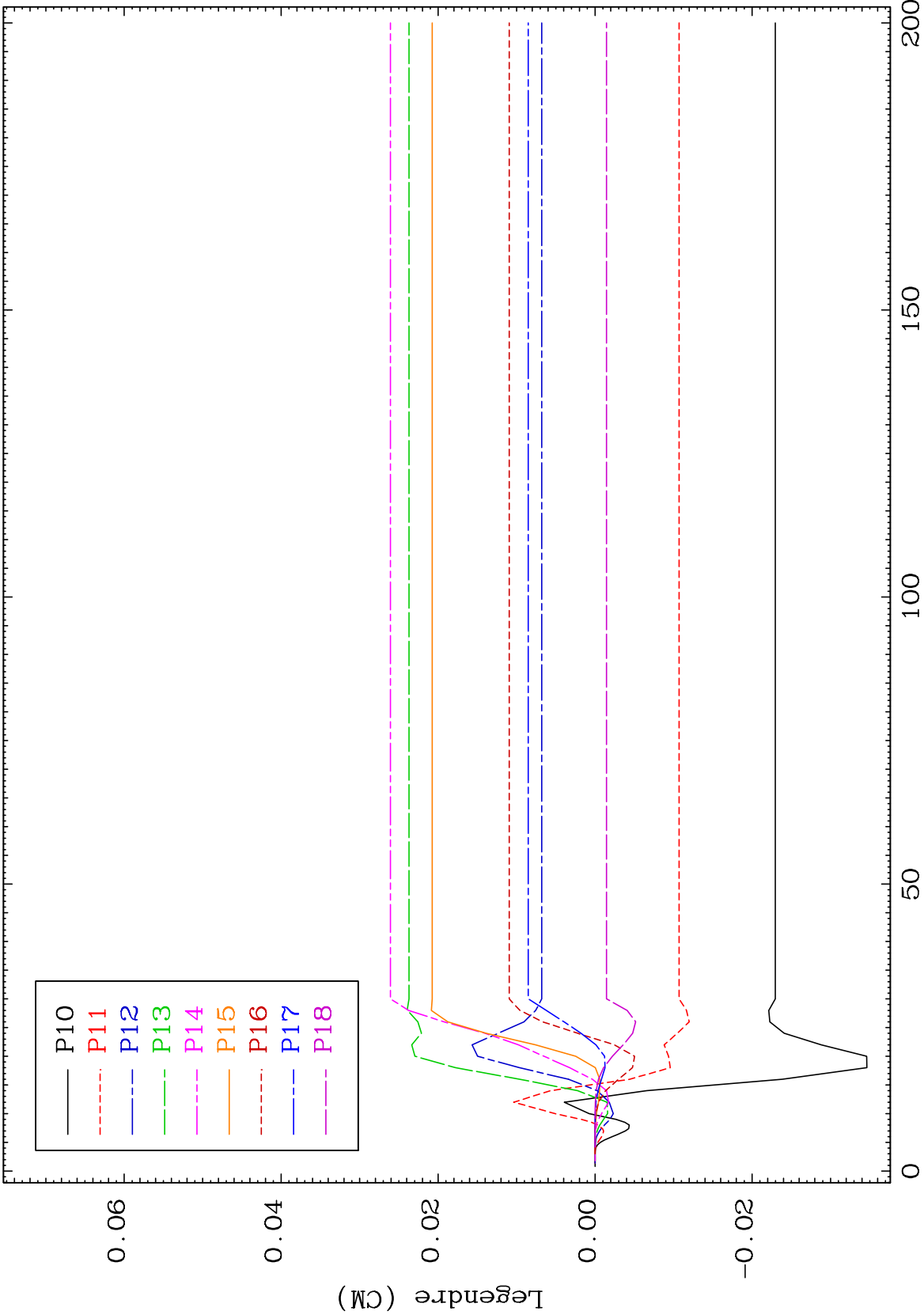
67-Ho-164



MAT 6722

234.5 keV (n,n') Level
Legendre Coefficients

67-Ho-164



46

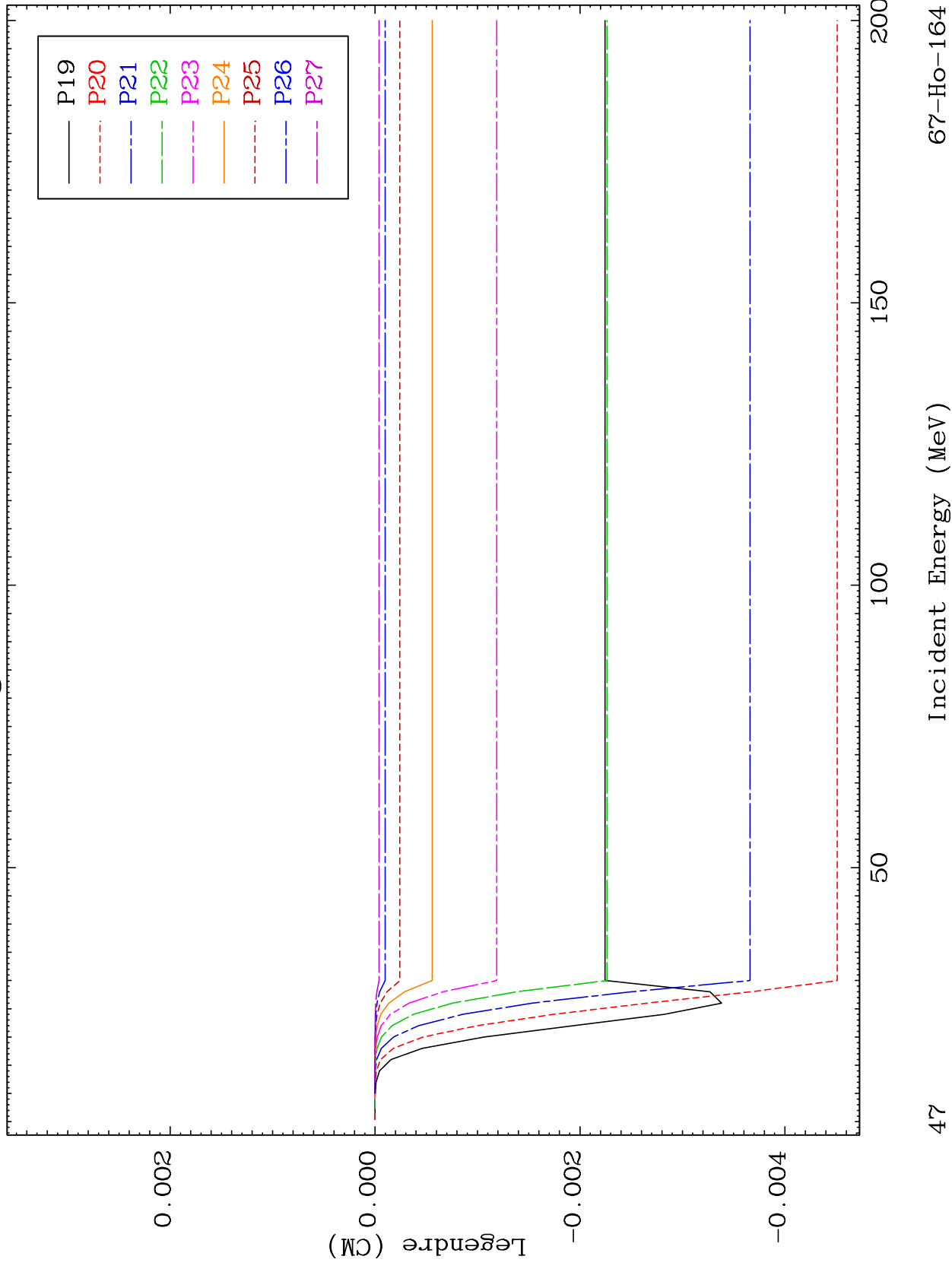
Incident Energy (MeV)

67-Ho-164

MAT 6722

234.5 keV (n,n') Level
Legendre Coefficients

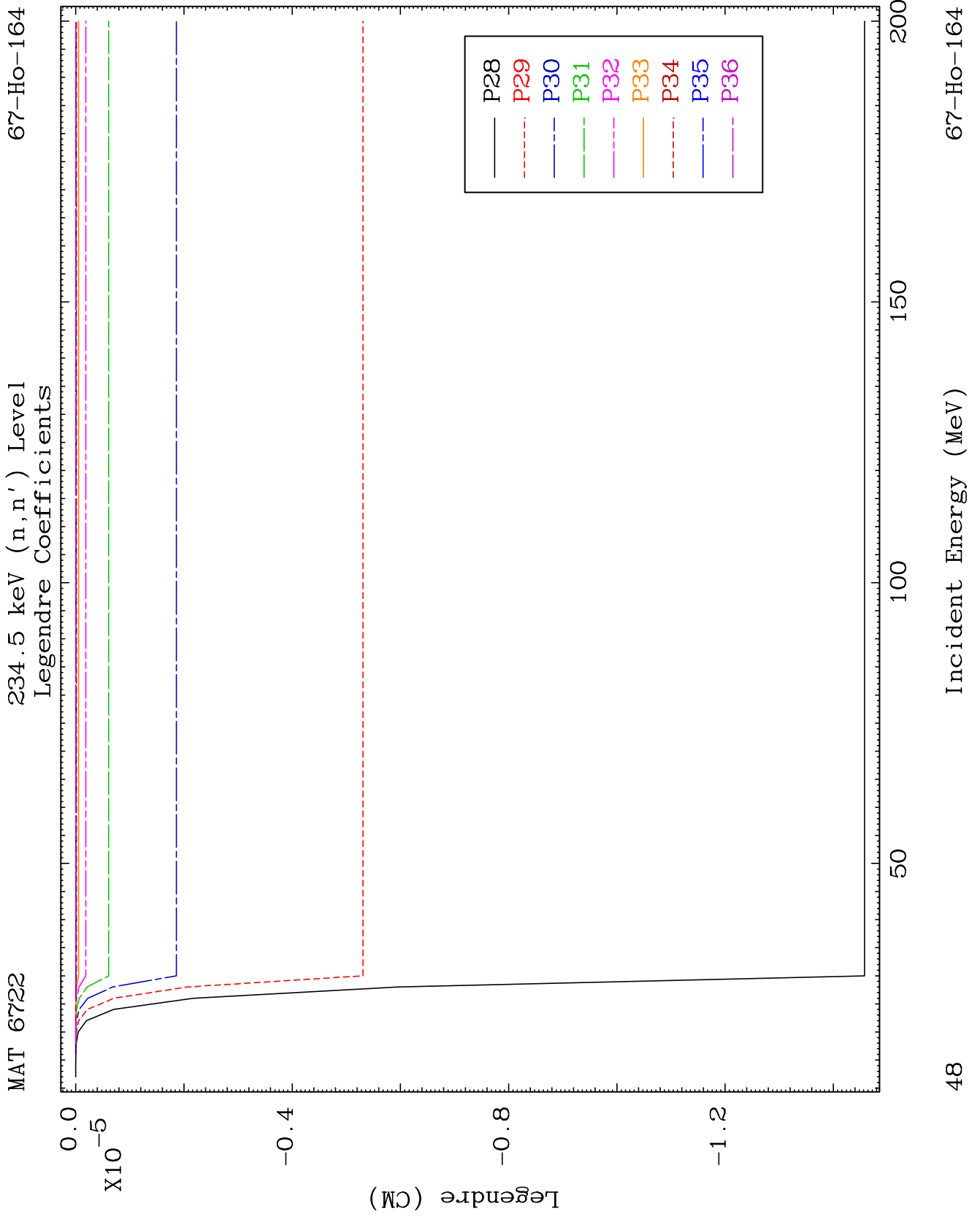
67-Ho-164

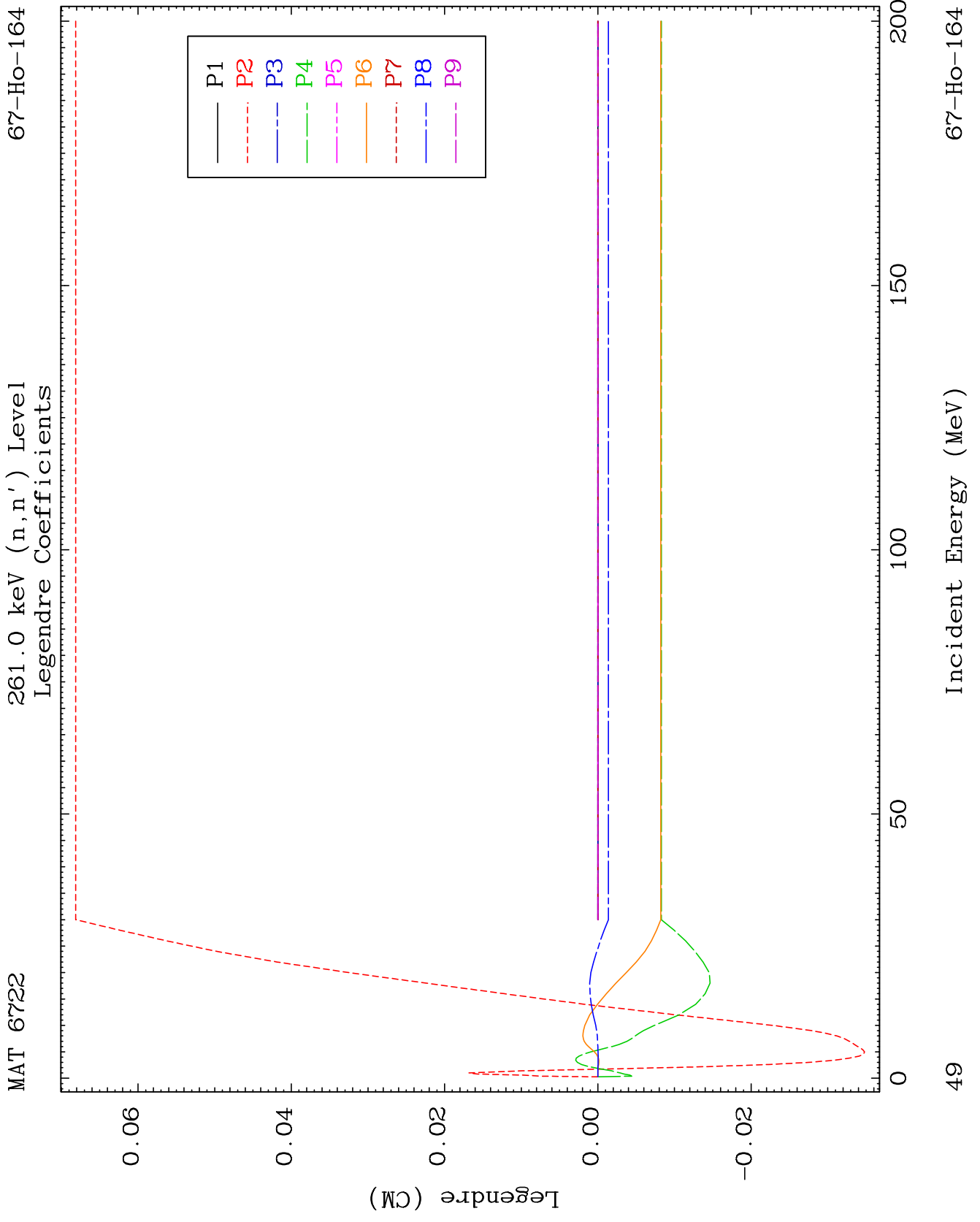


47

Incident Energy (MeV)

67-Ho-164

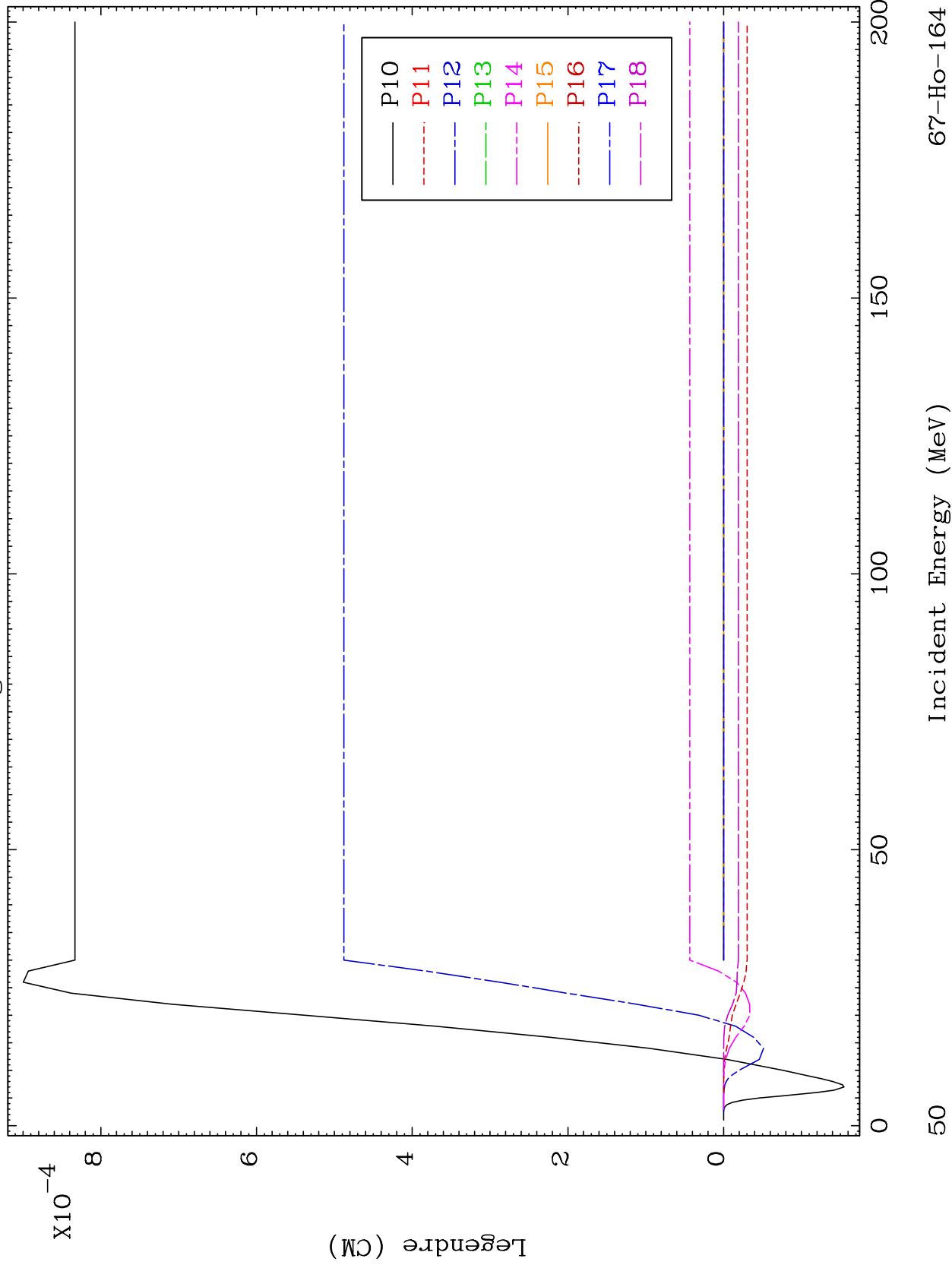




MAT 6722

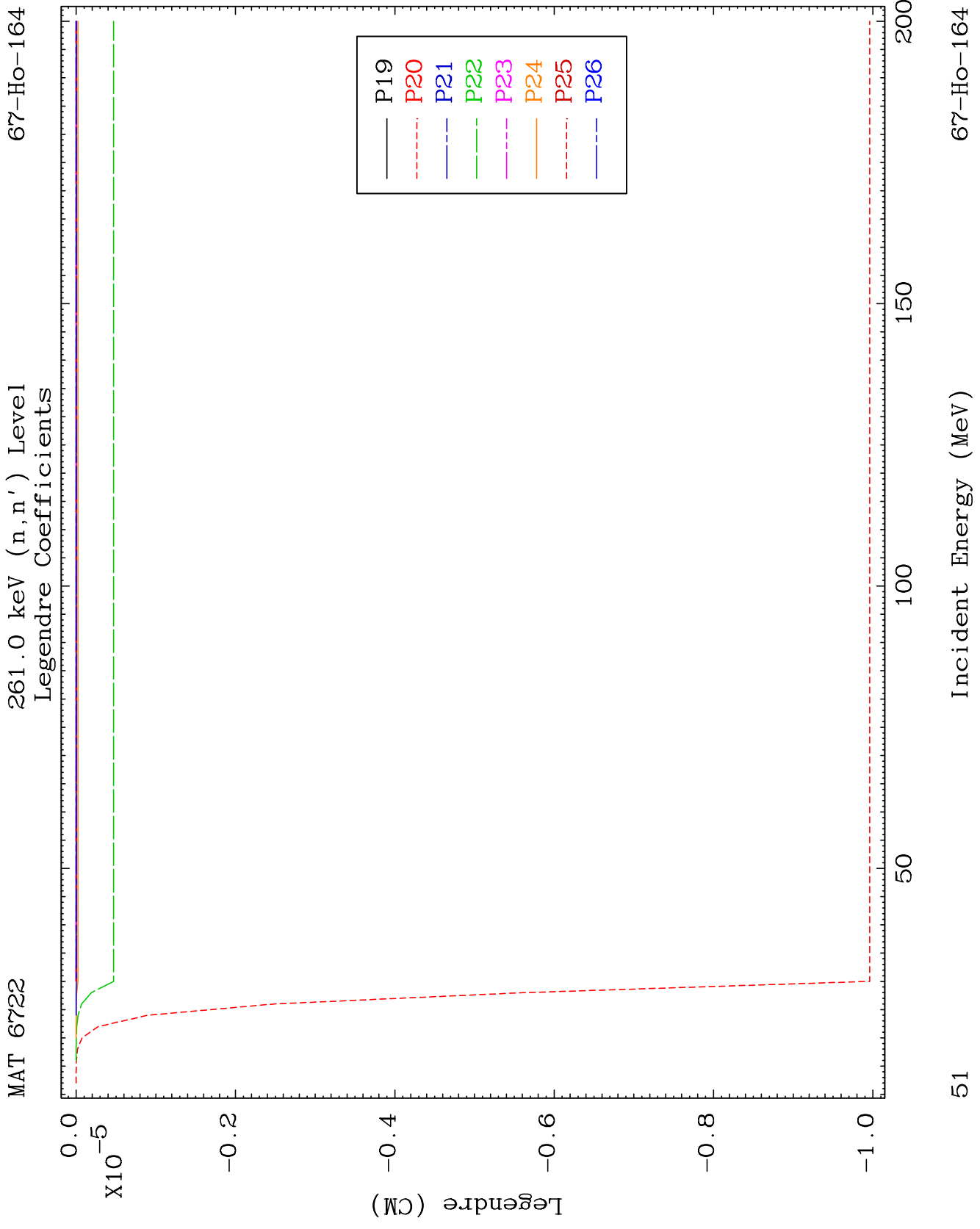
261.0 keV (n,n') Level
Legendre Coefficients

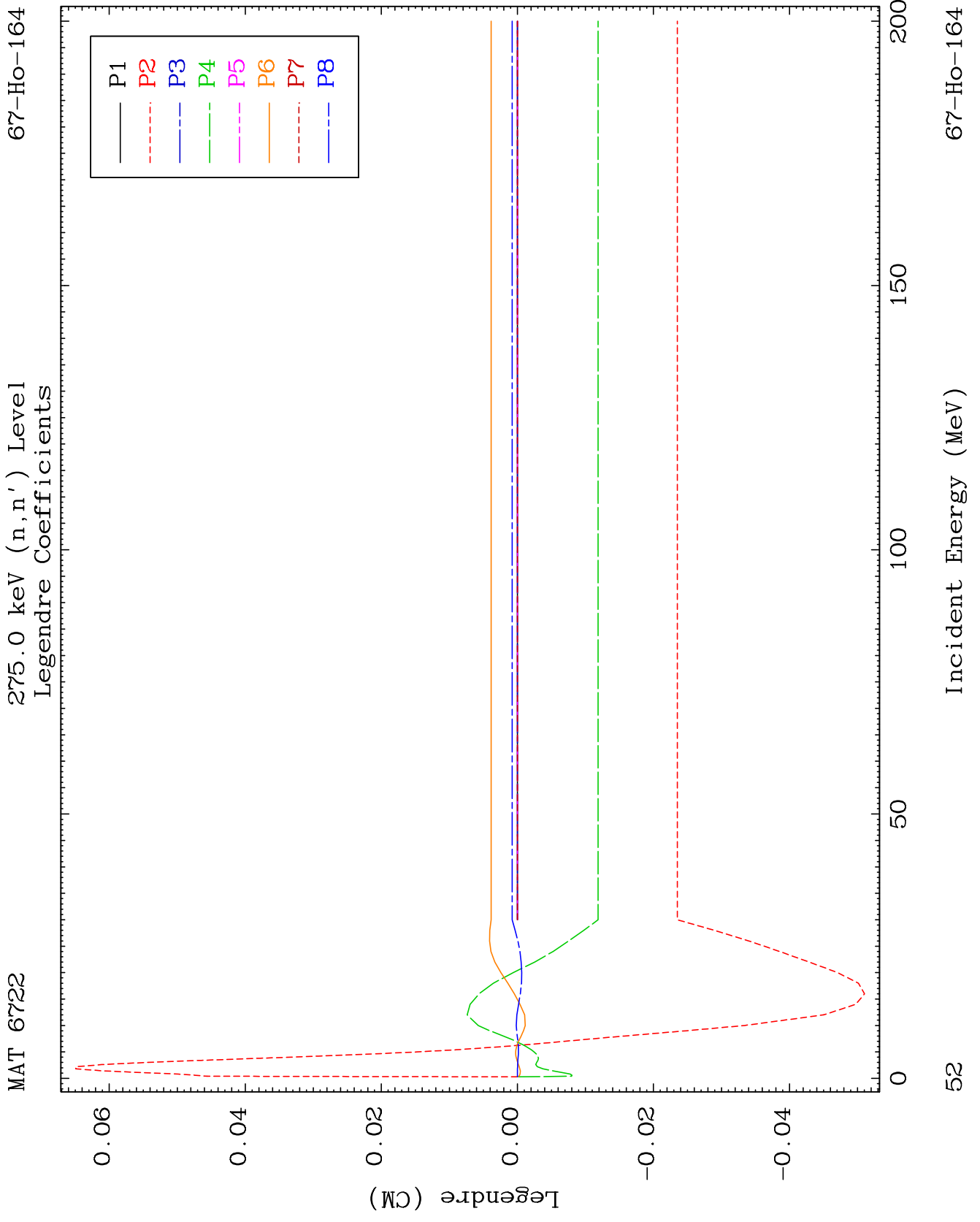
67-Ho-164

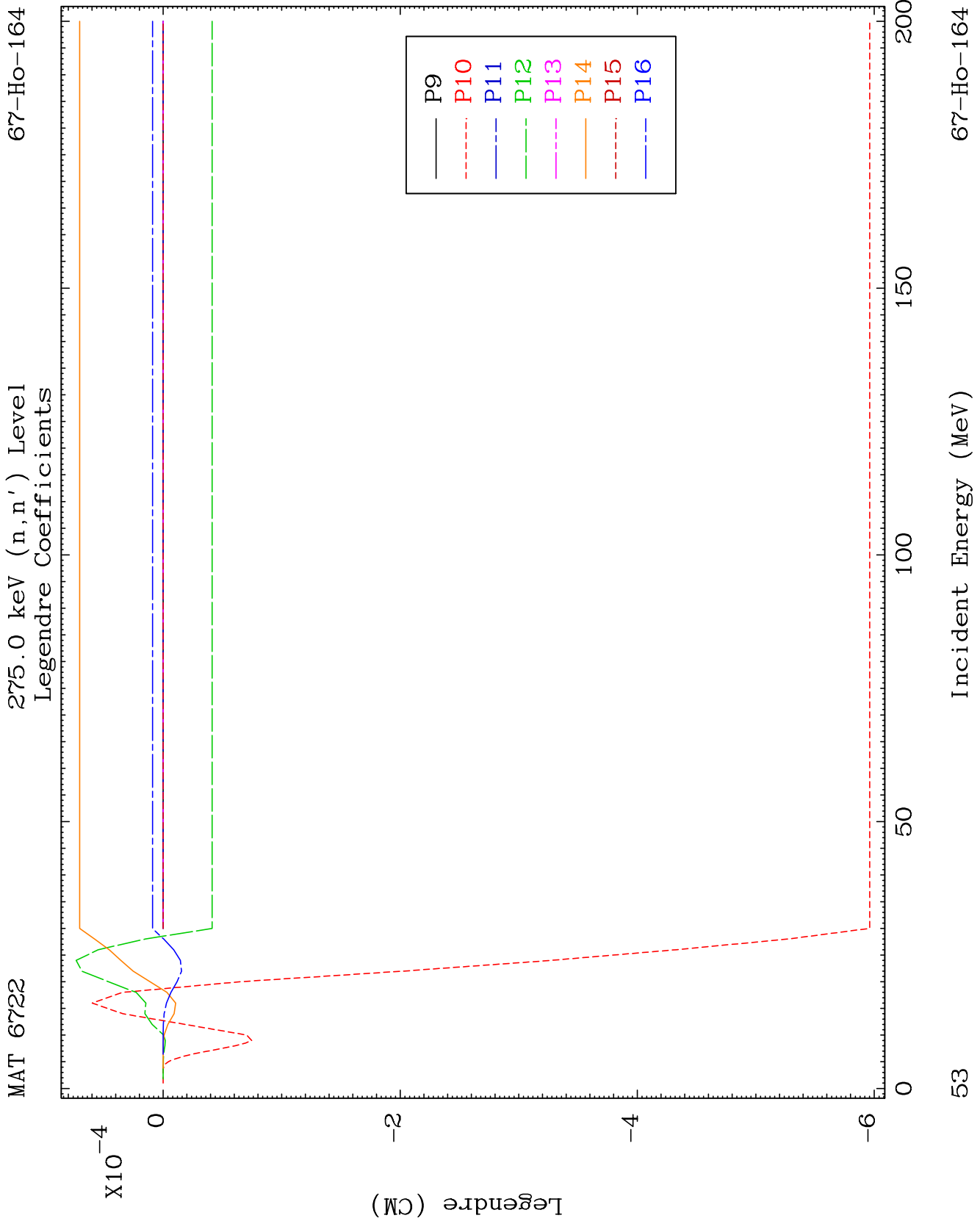


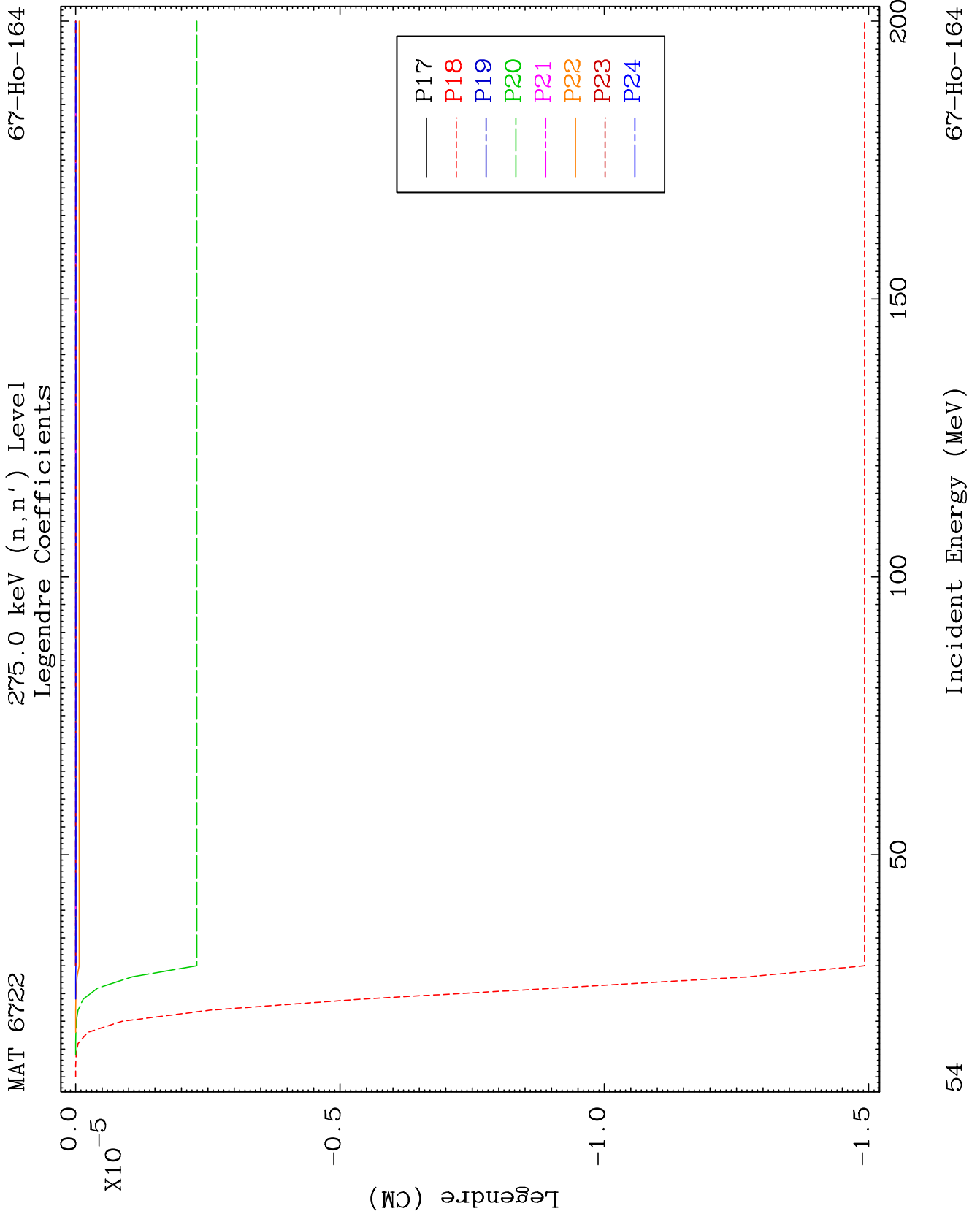
67-Ho-164

Incident Energy (MeV)





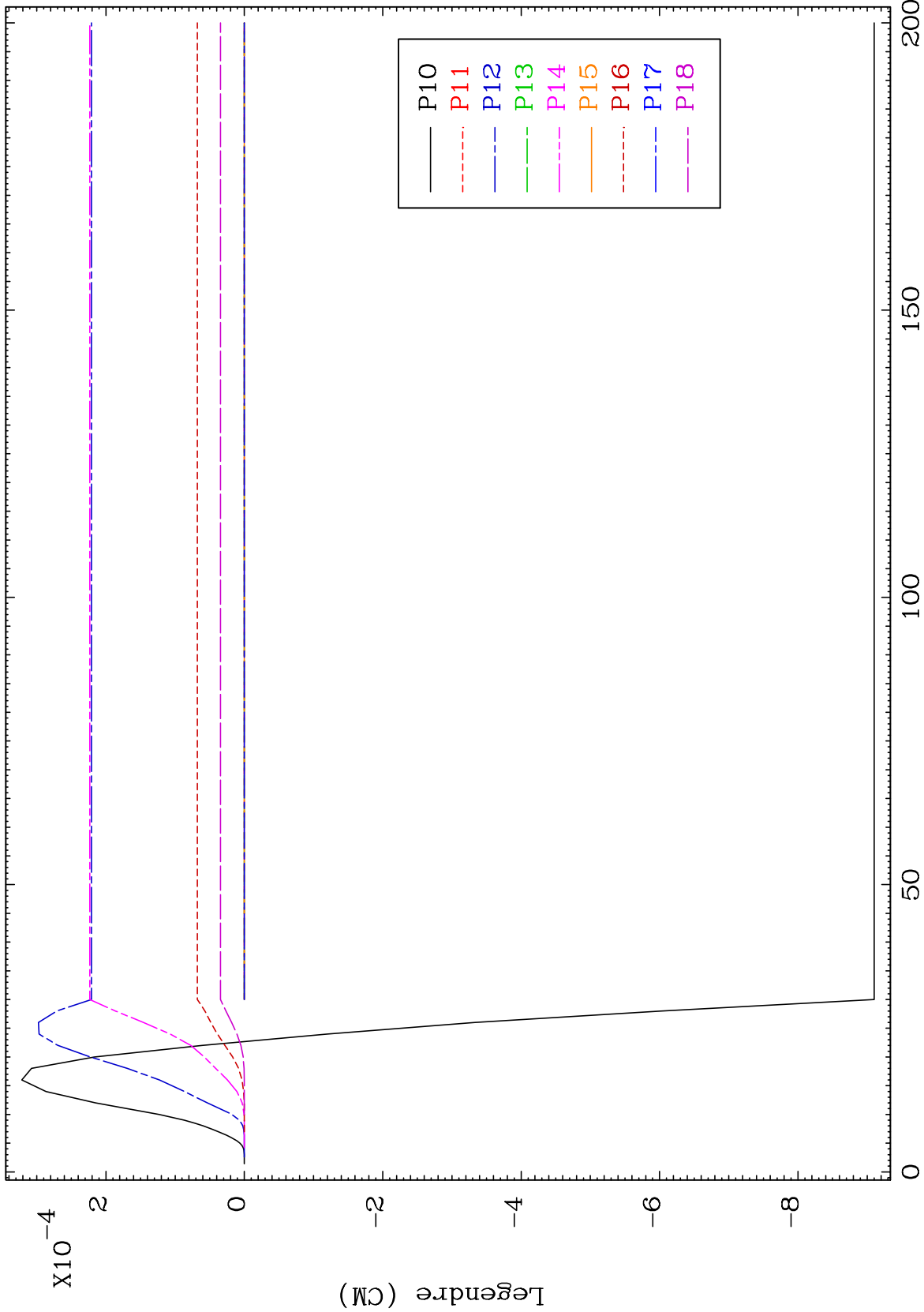




MAT 6722

294.0 keV (n,n') Level
Legendre Coefficients

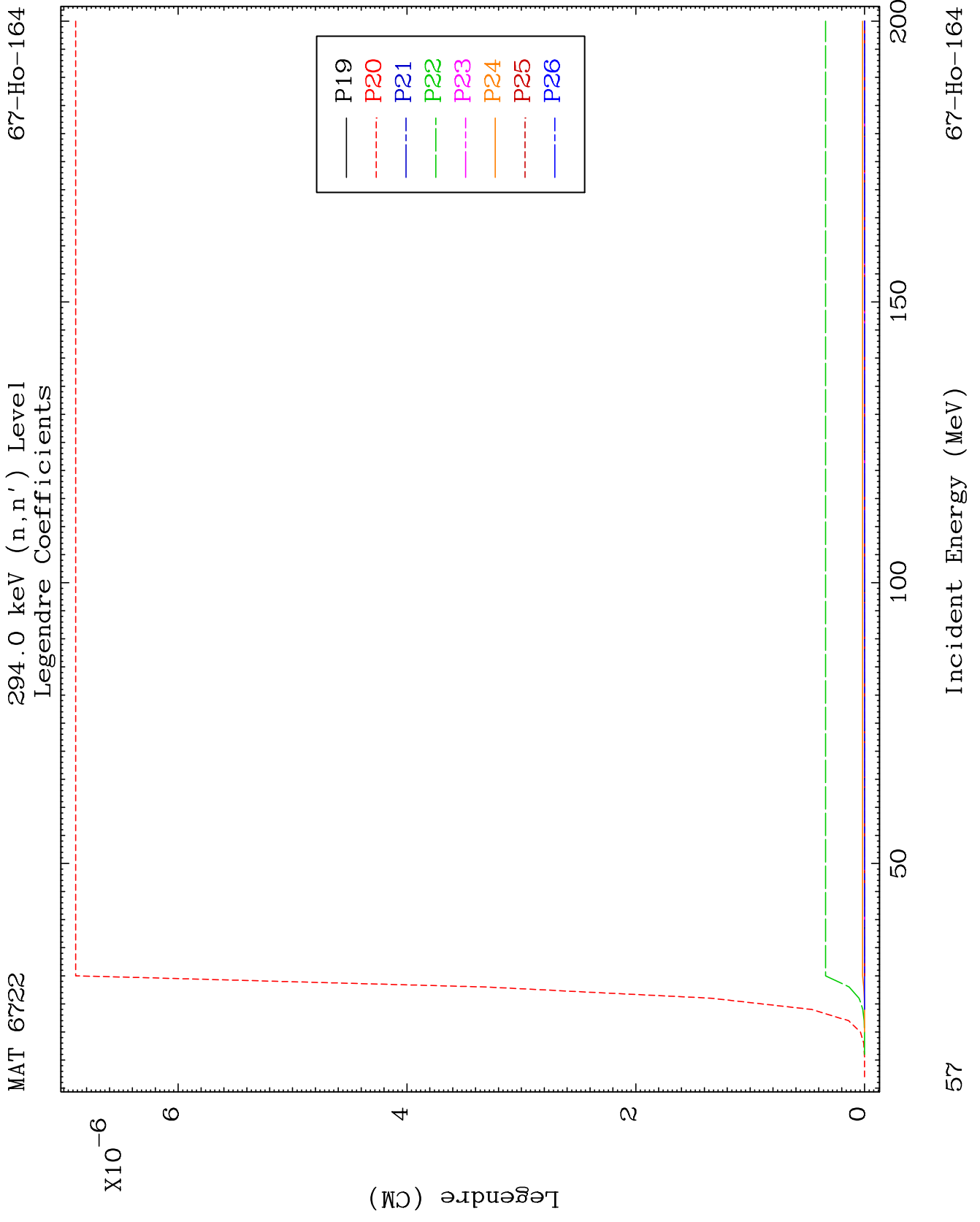
67-Ho-164



56

Incident Energy (MeV)

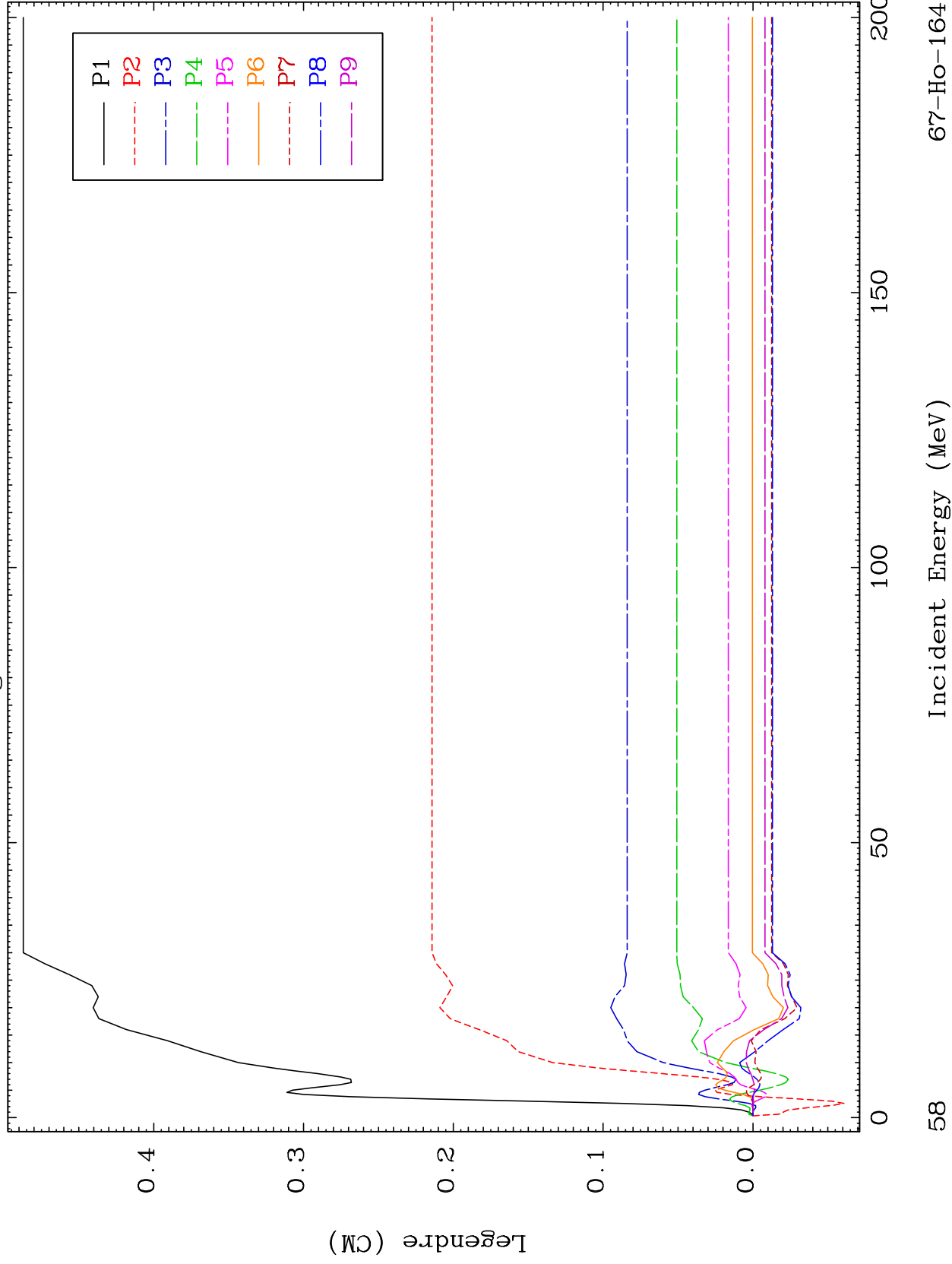
67-Ho-164



MAT 6722

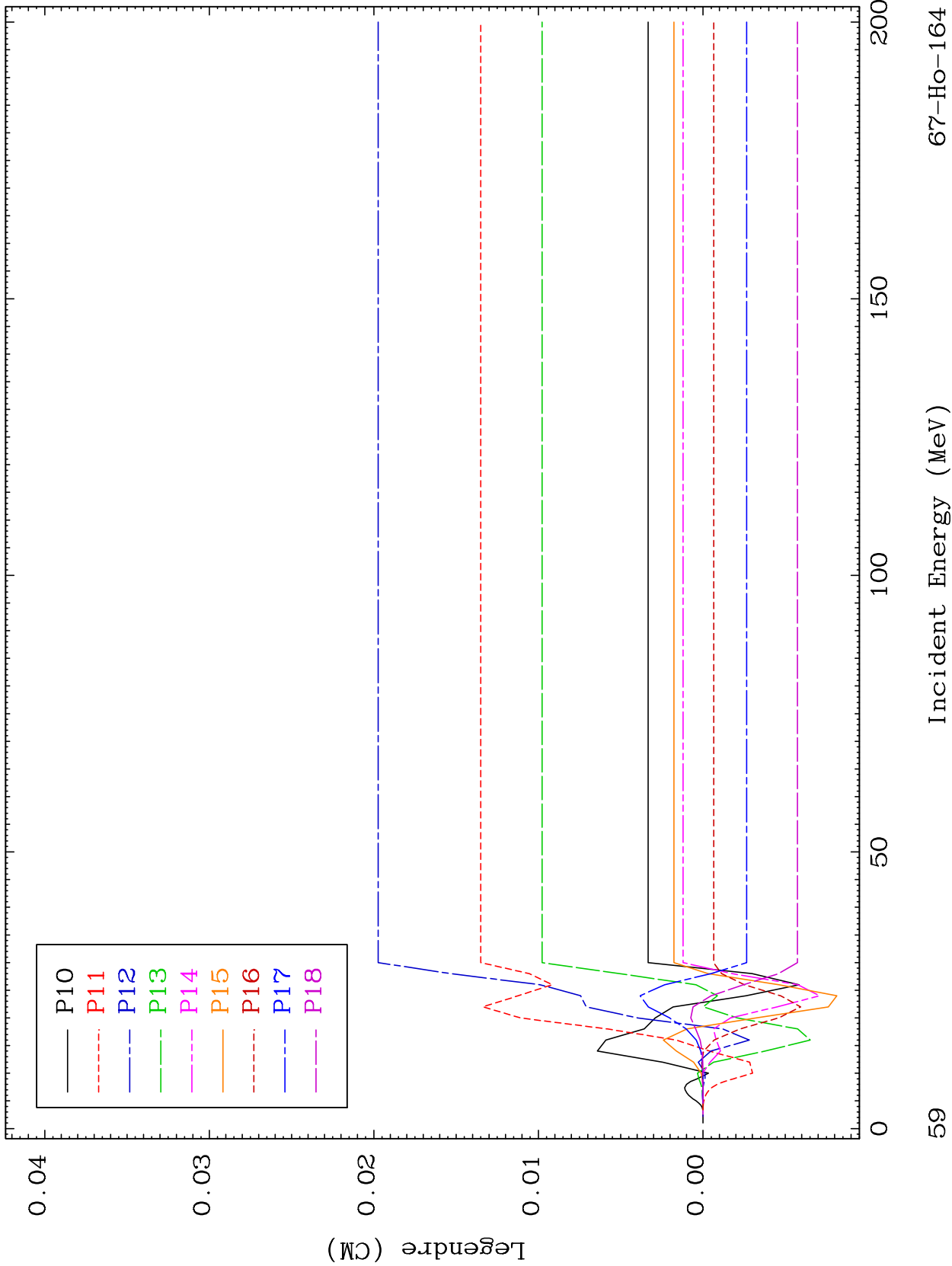
297.3 keV (n,n') Level
Legendre Coefficients

67-Ho-164



58

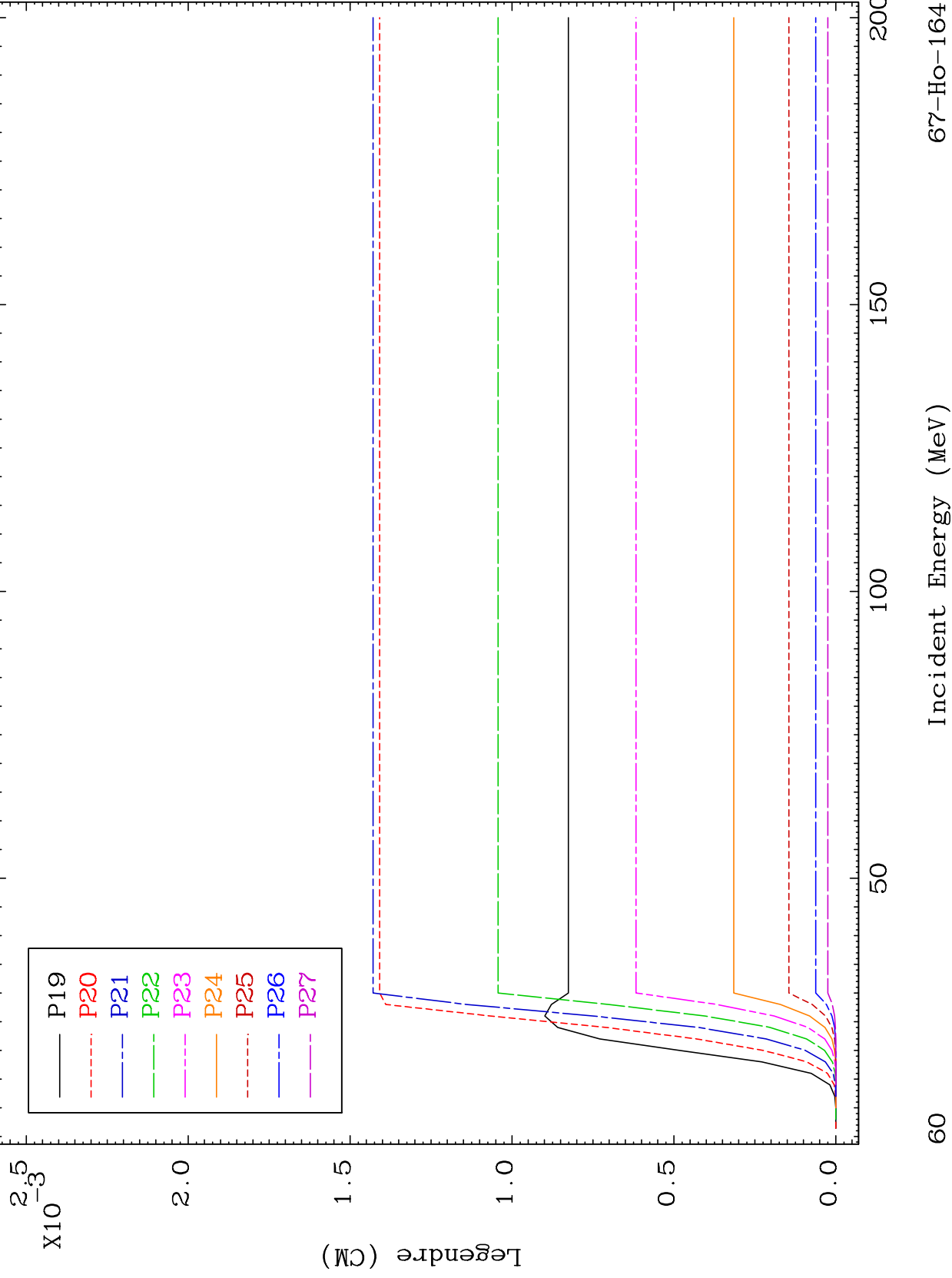
67-Ho-164



MAT 67222

297.3 keV (n,n') Level
Legendre Coefficients

67-Ho-164



60

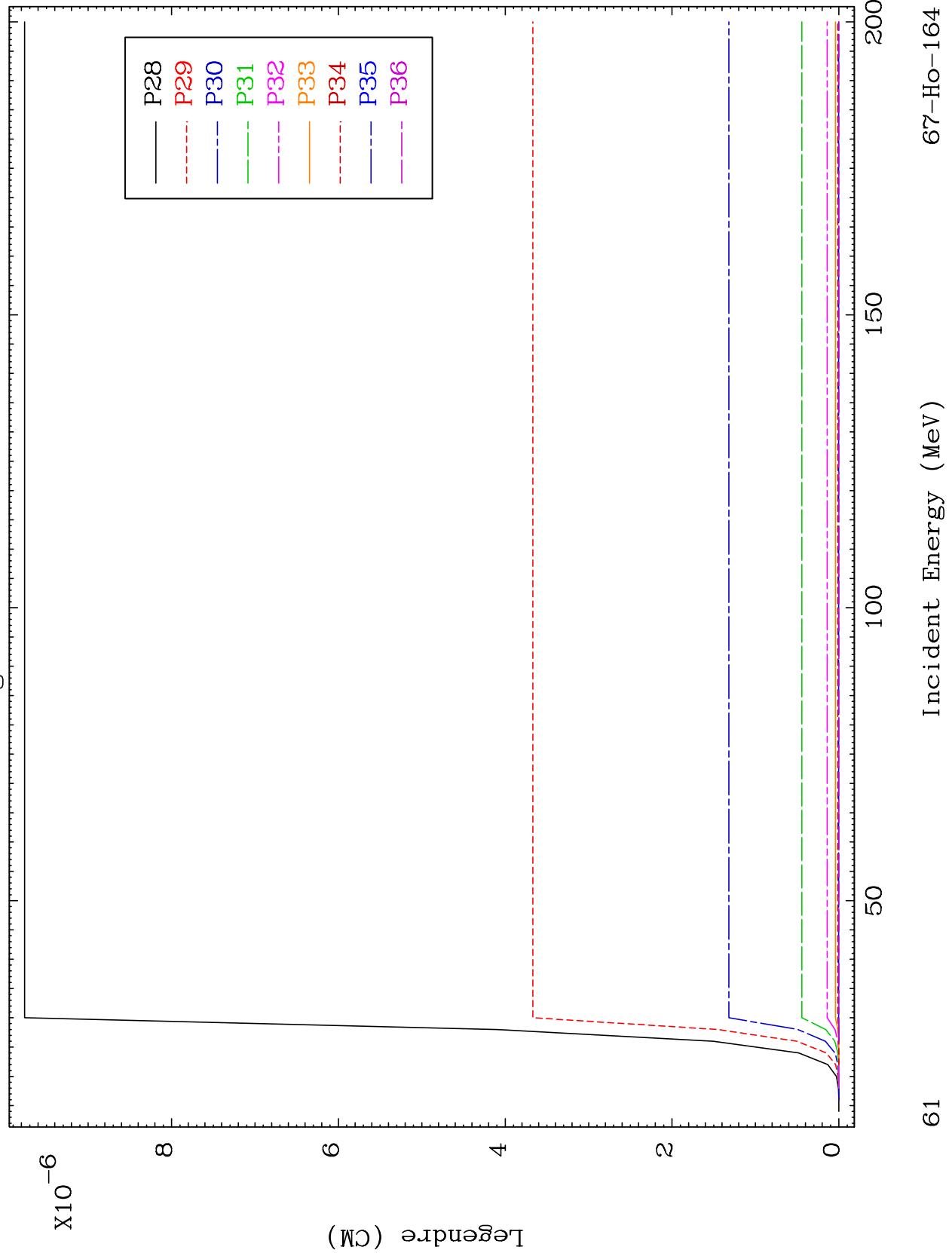
Incident Energy (MeV)

67-Ho-164

MAT 6722

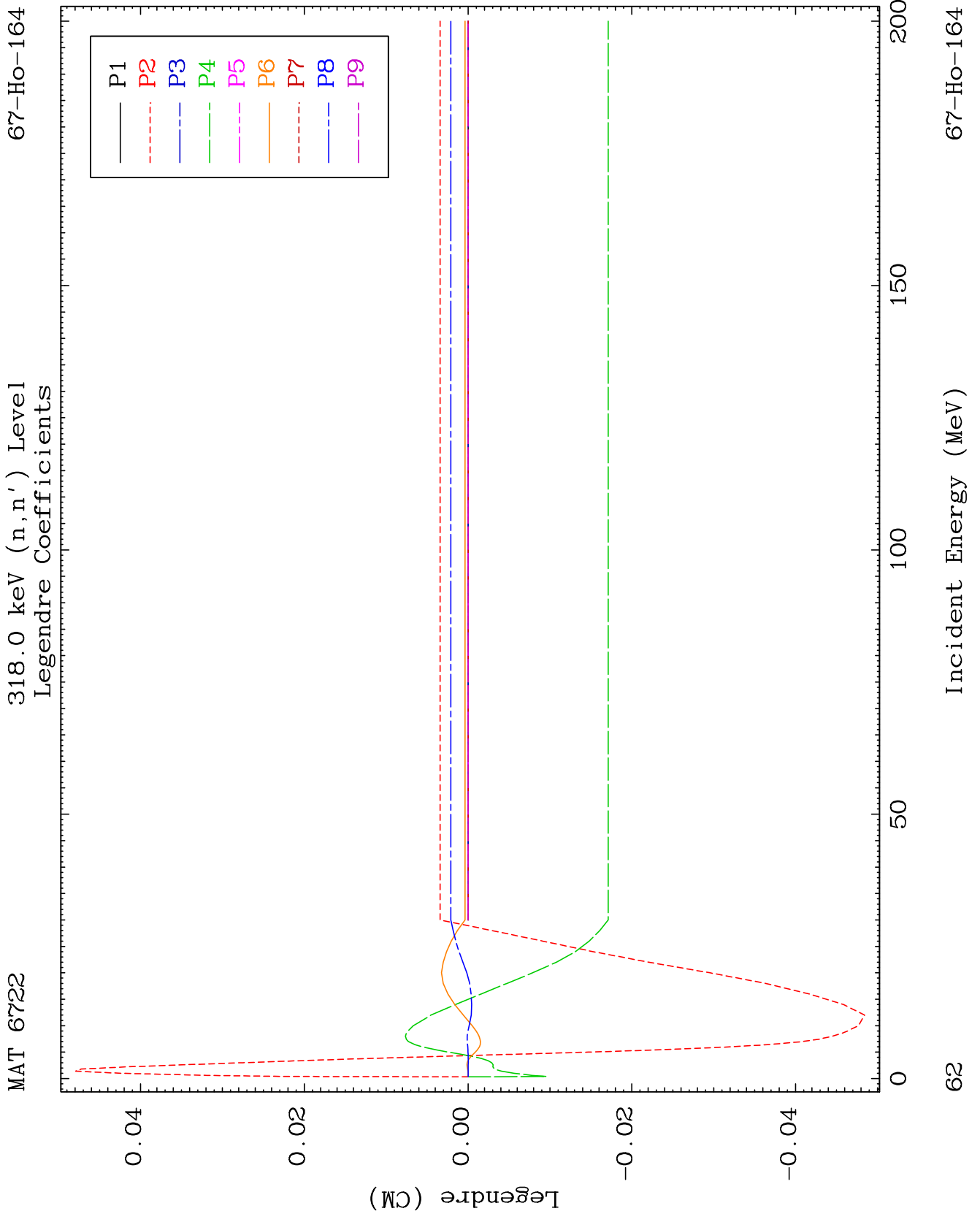
297.3 keV (n,n') Level
Legendre Coefficients

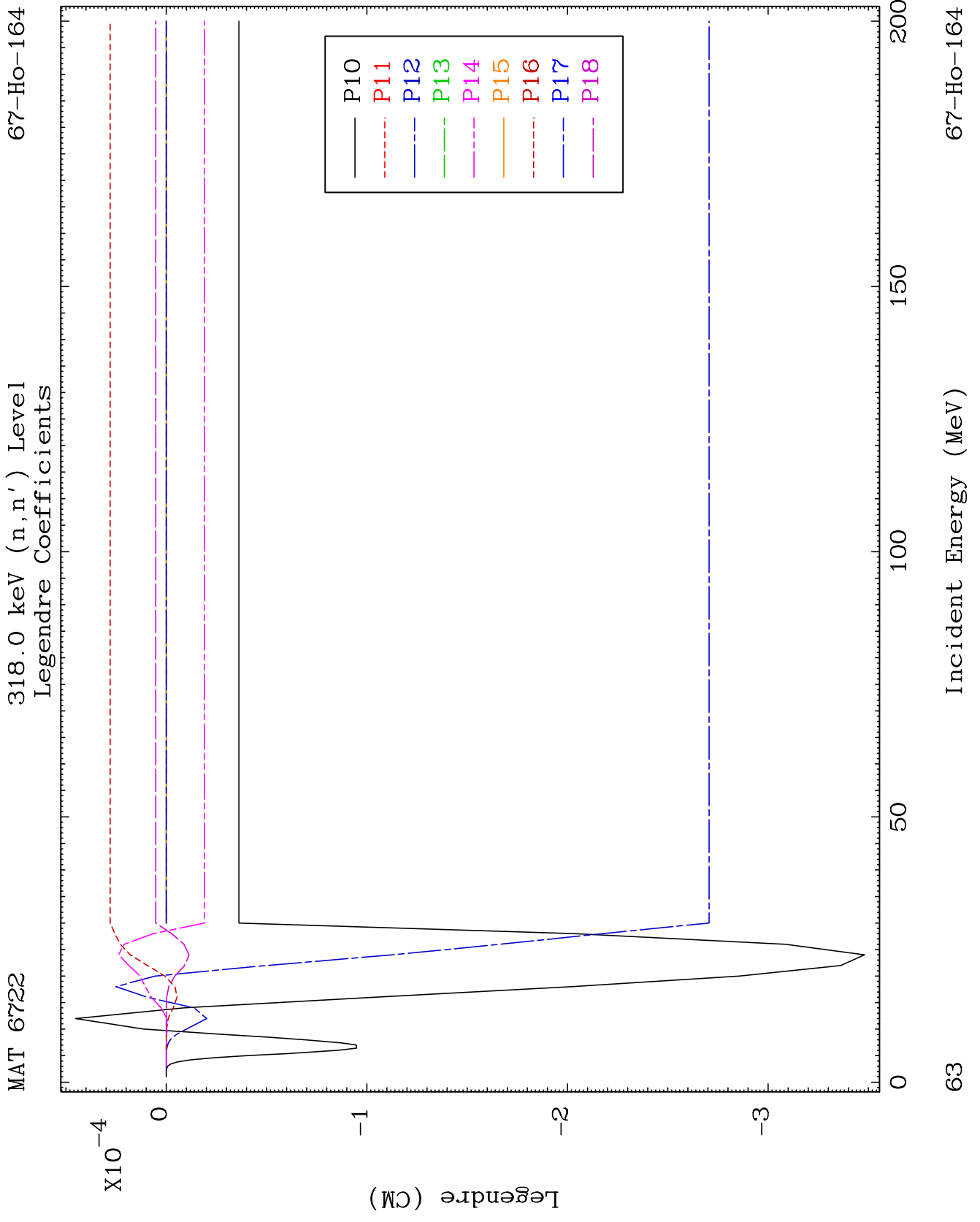
67-Ho-164

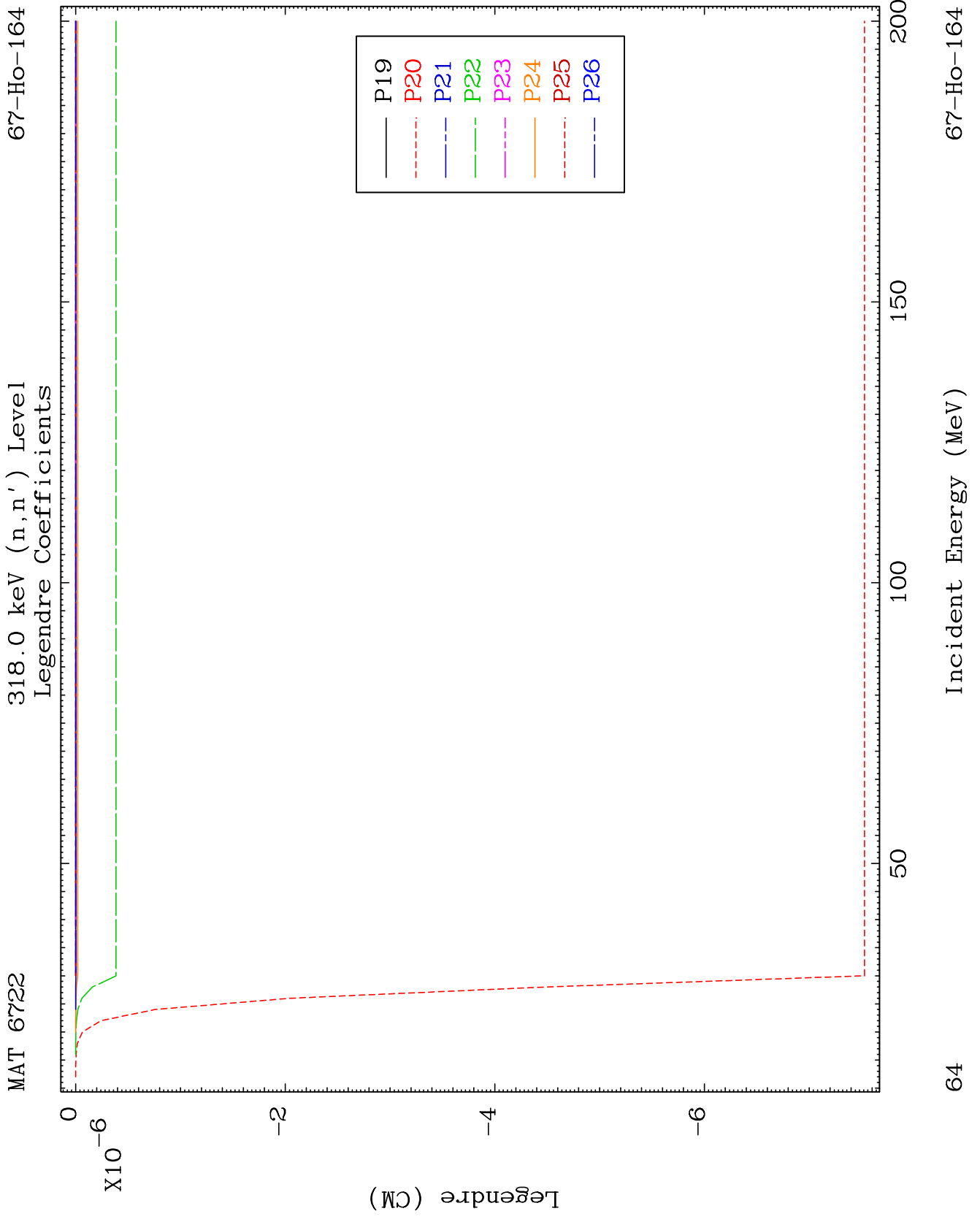


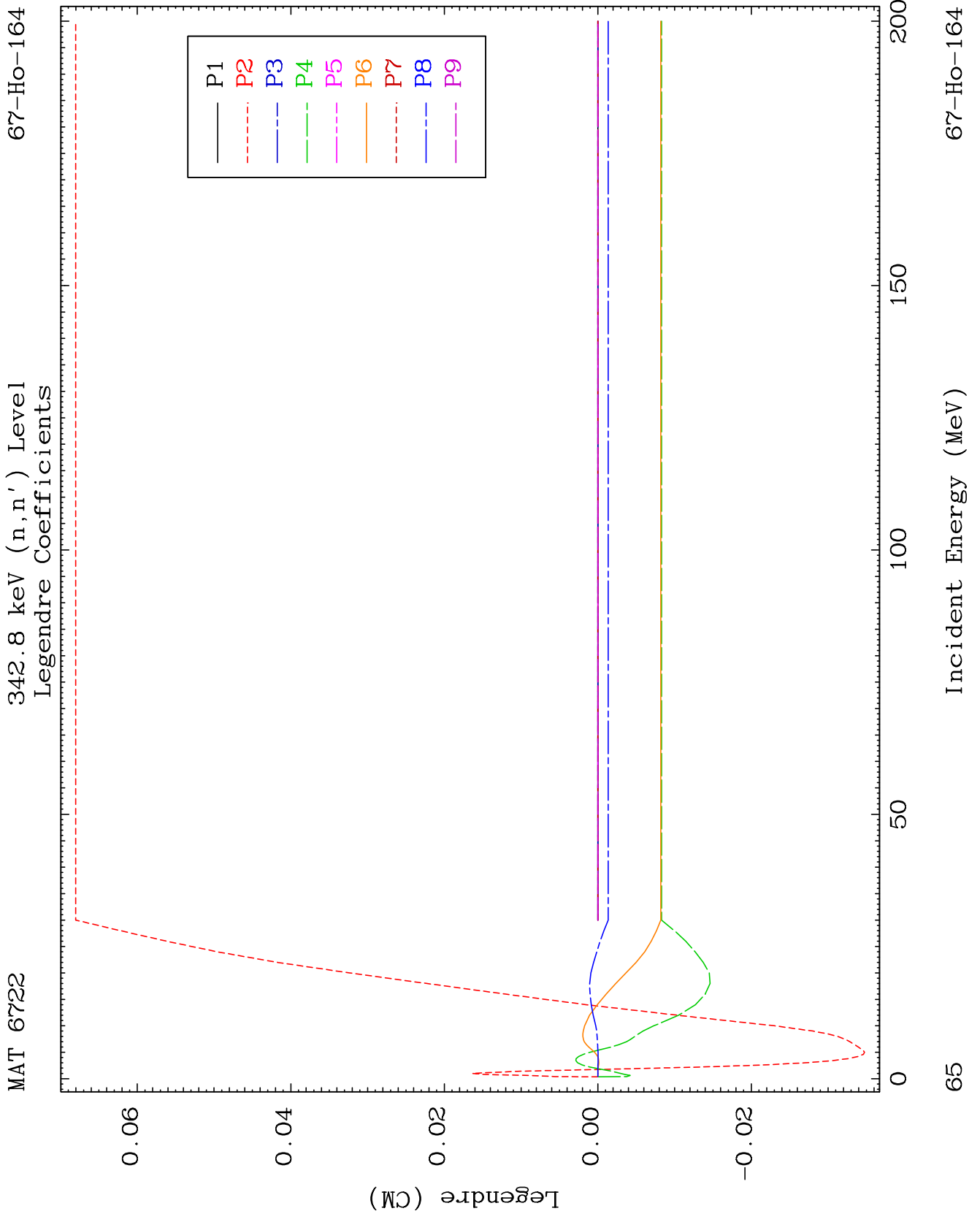
61

67-Ho-164





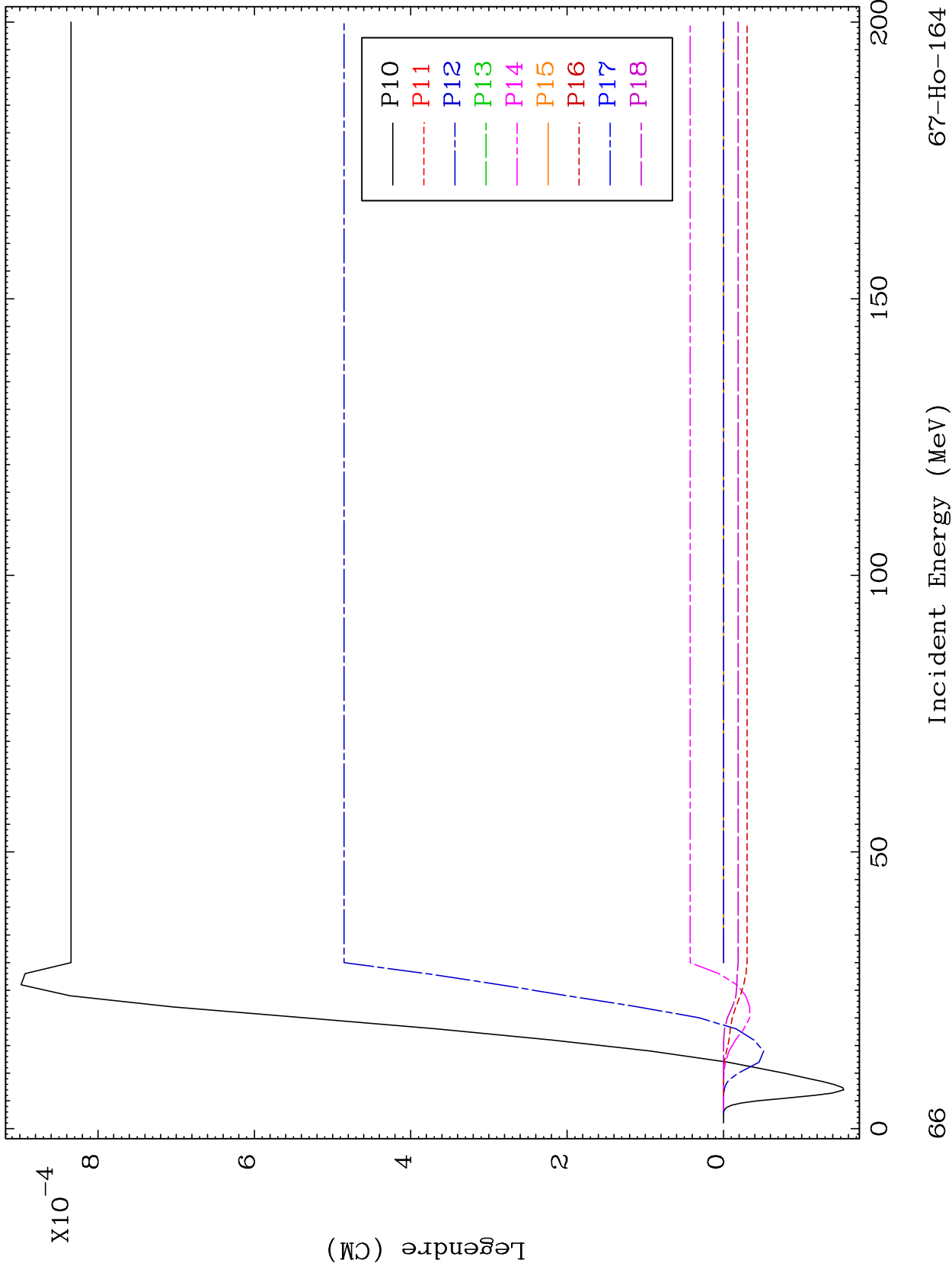




MAT 6722

342.8 keV (n,n') Level
Legendre Coefficients

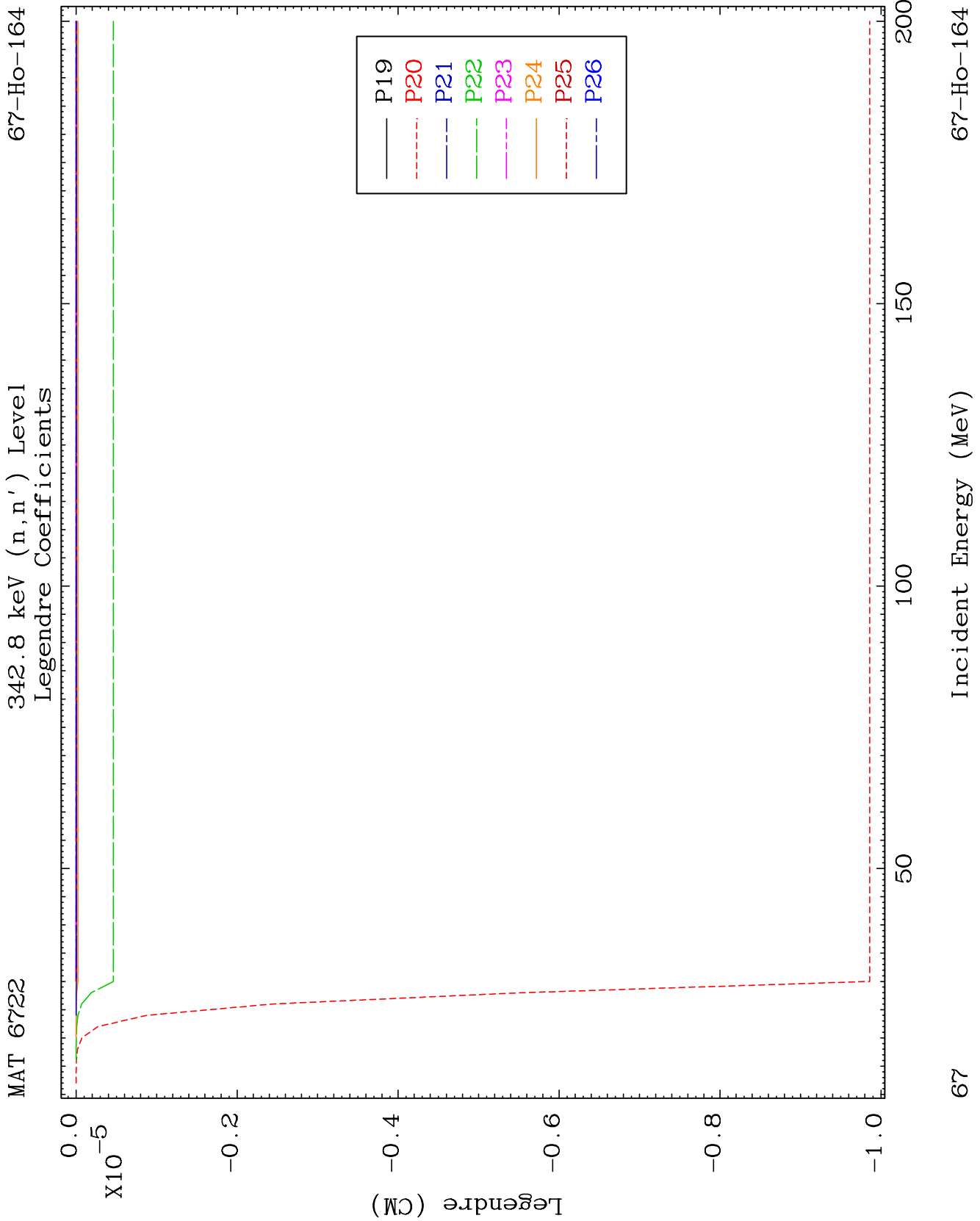
67-Ho-164

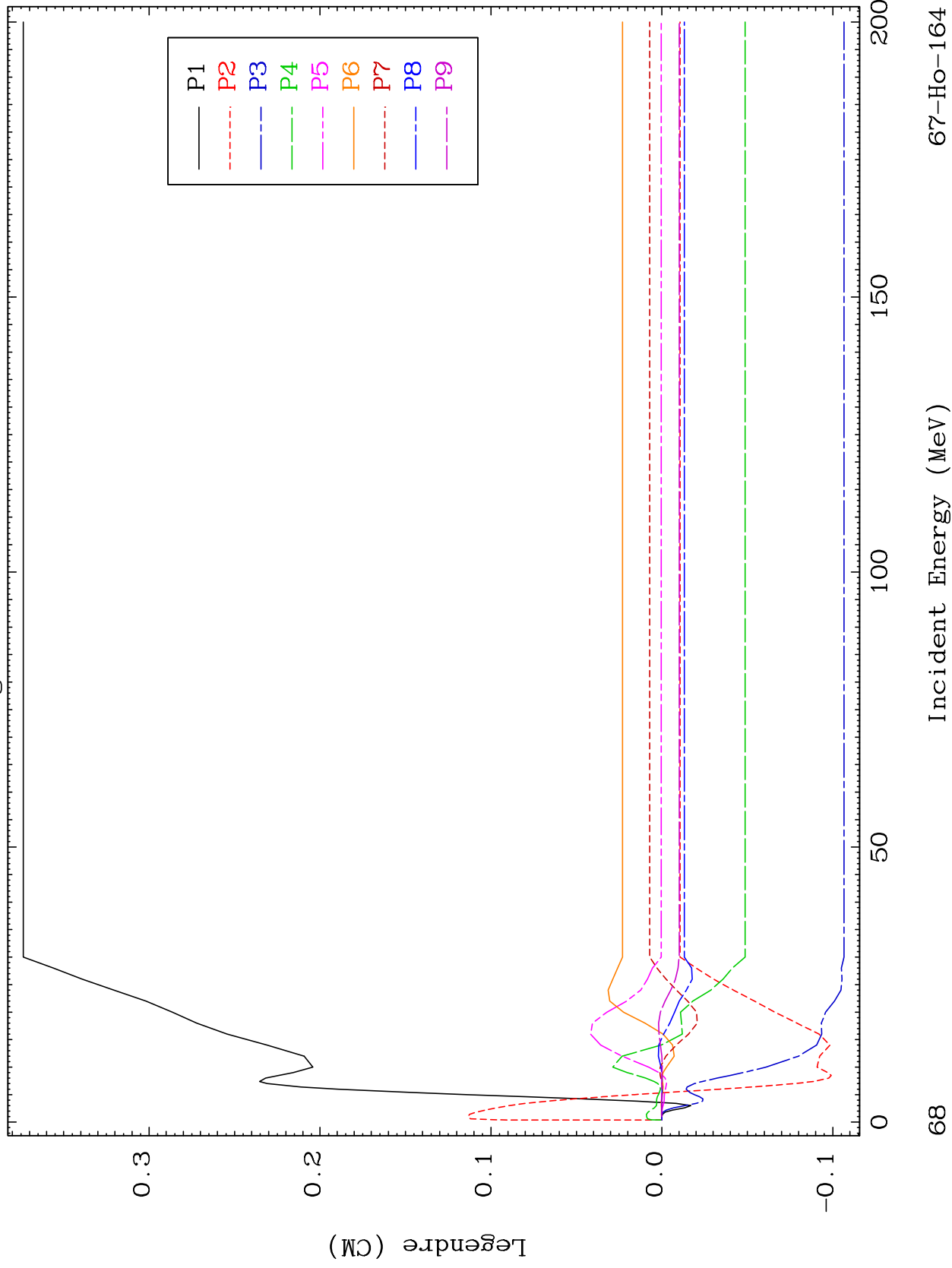


66

Incident Energy (MeV)

67-Ho-164

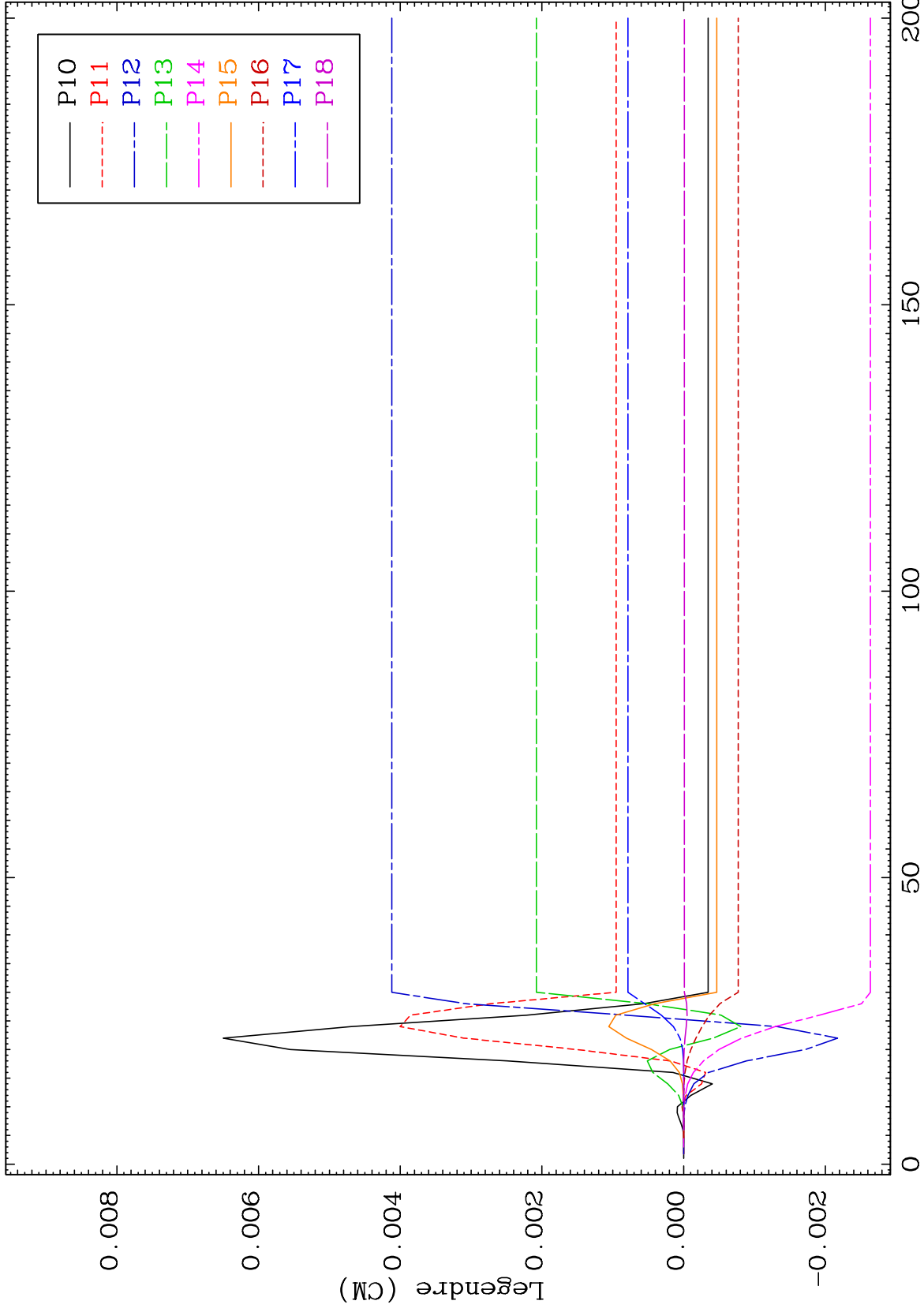




MAT 6722

367.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164



69

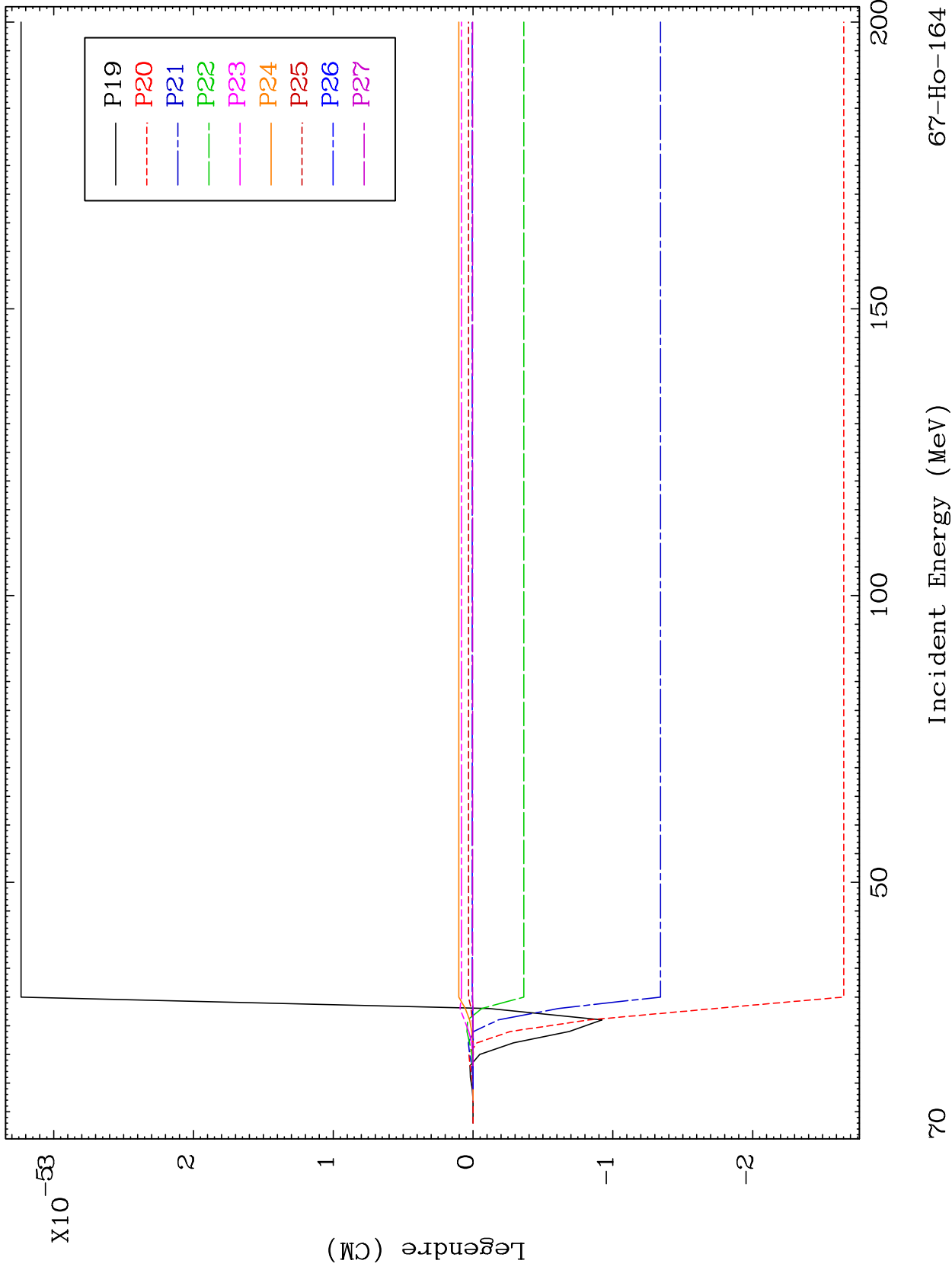
Incident Energy (MeV)

67-Ho-164

MAT 6722

367.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164



70

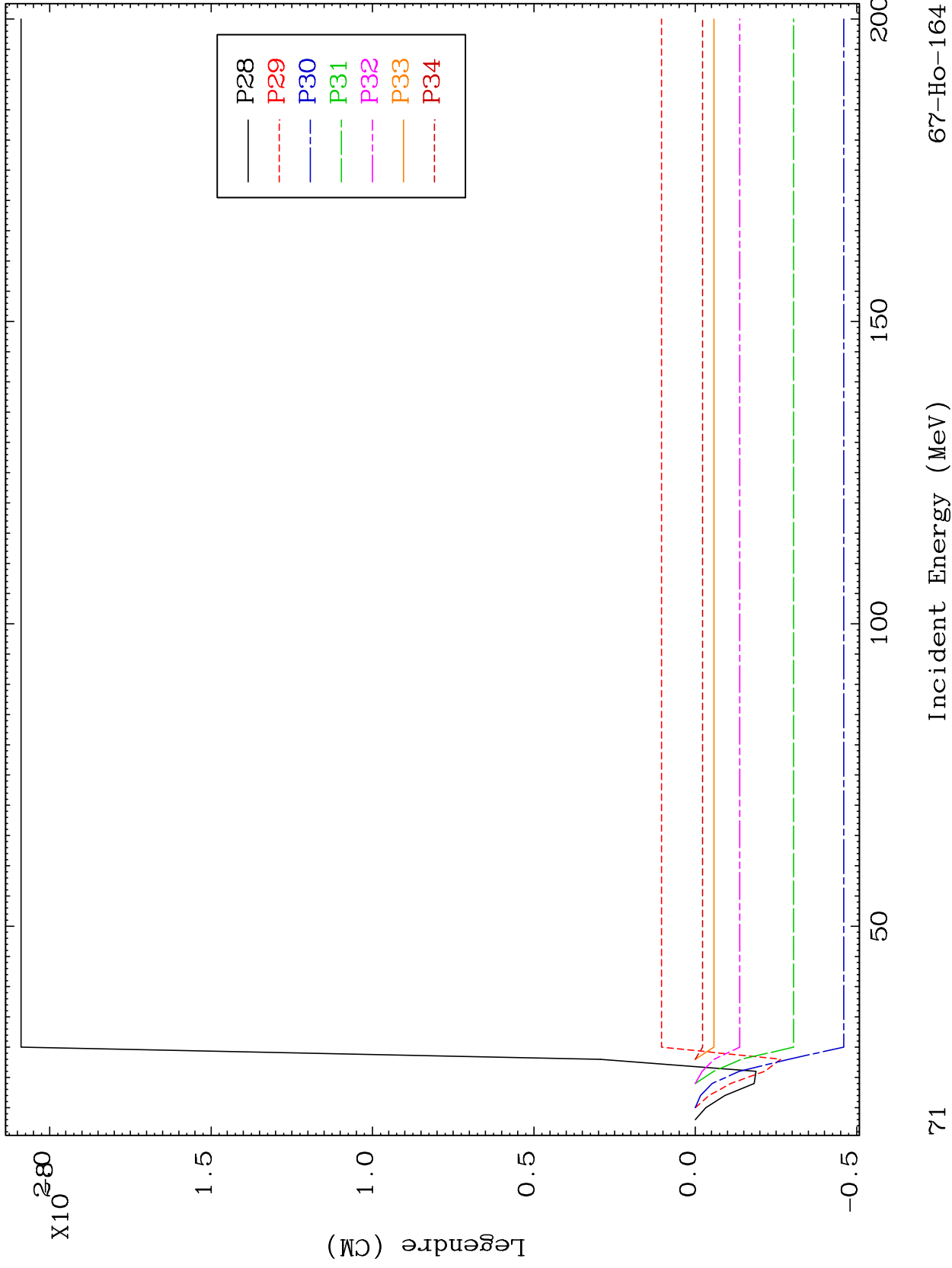
Incident Energy (MeV)

67-Ho-164

MAT 6722

367.0 keV (n,n') Level
Legendre Coefficients

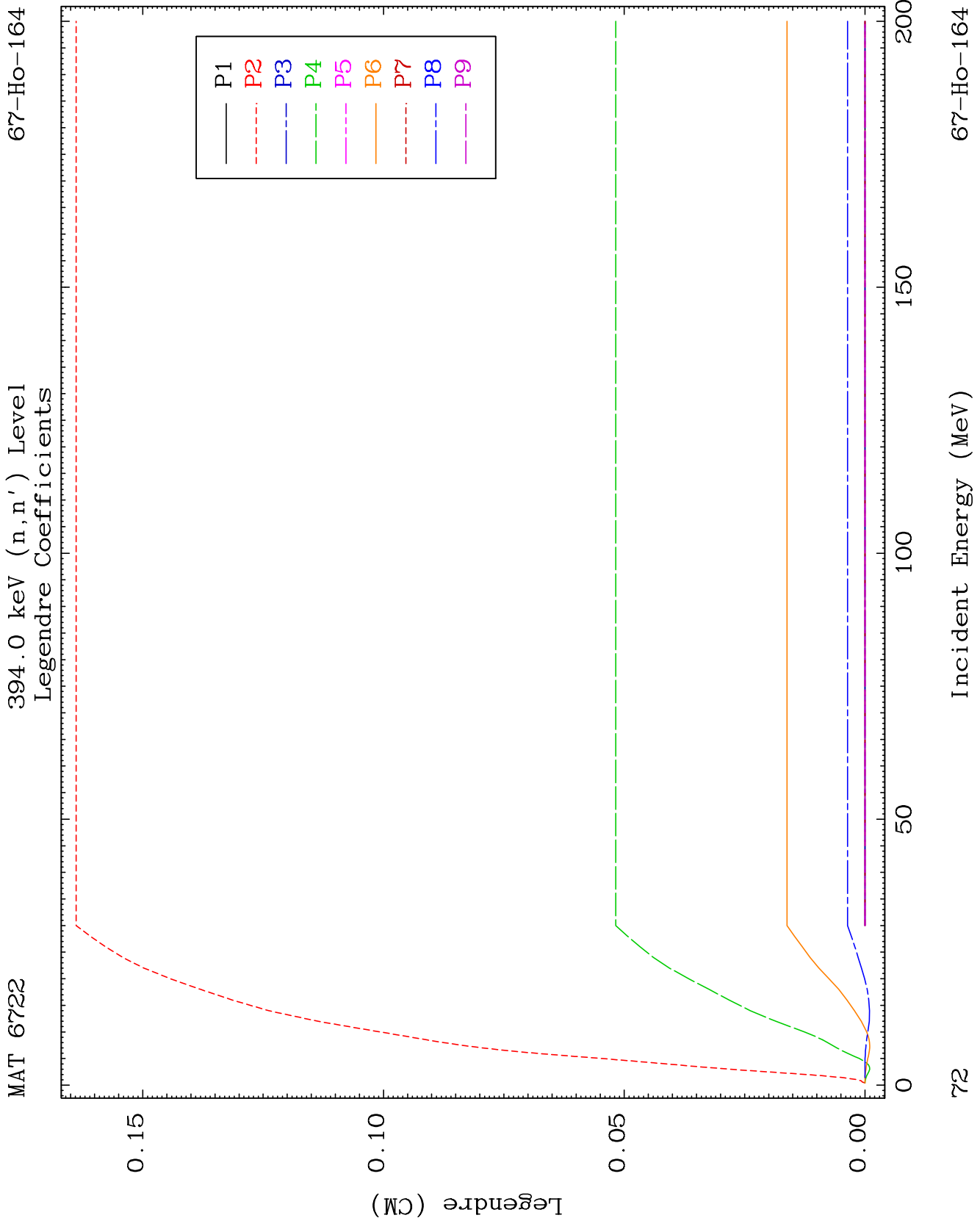
67-Ho-164

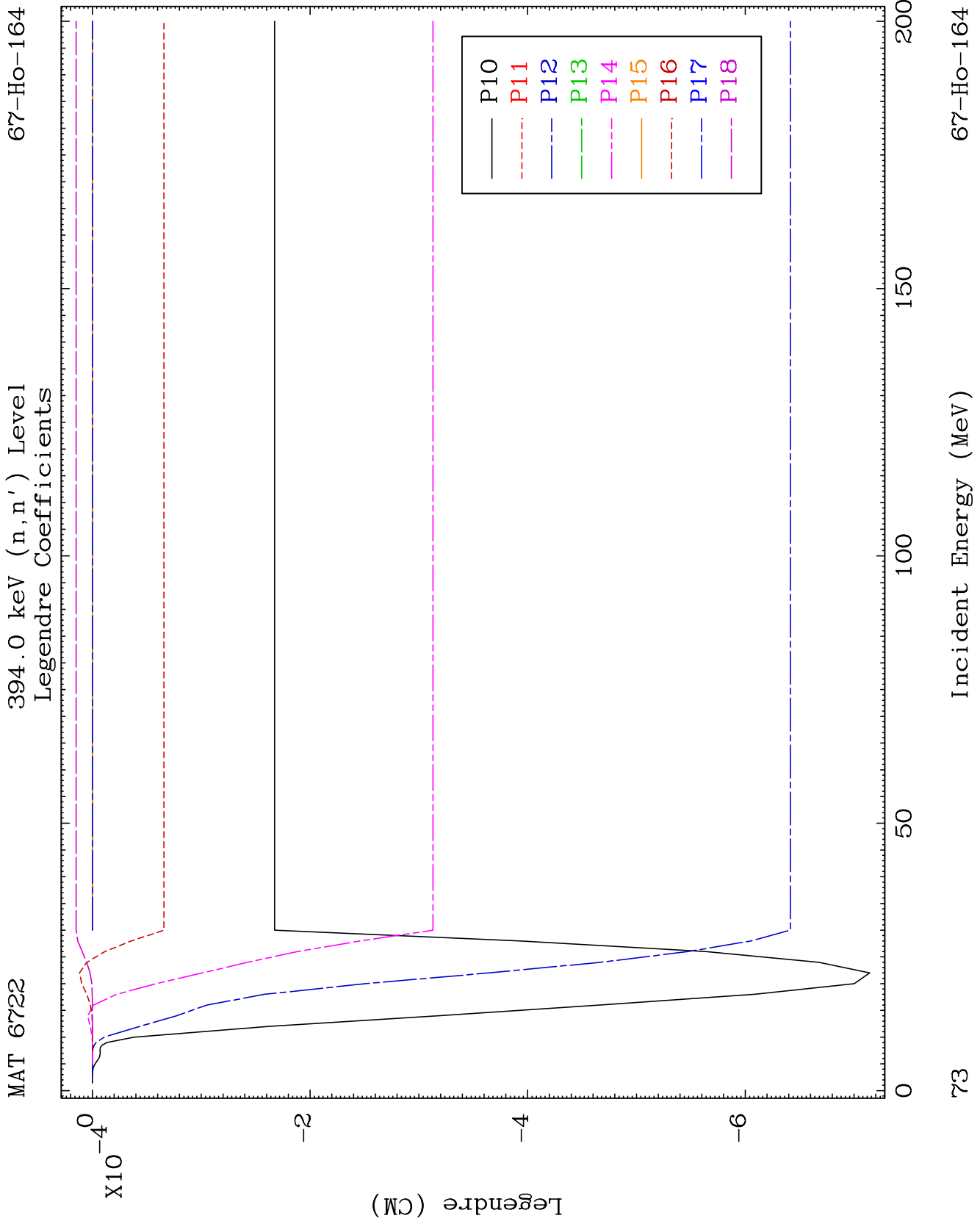


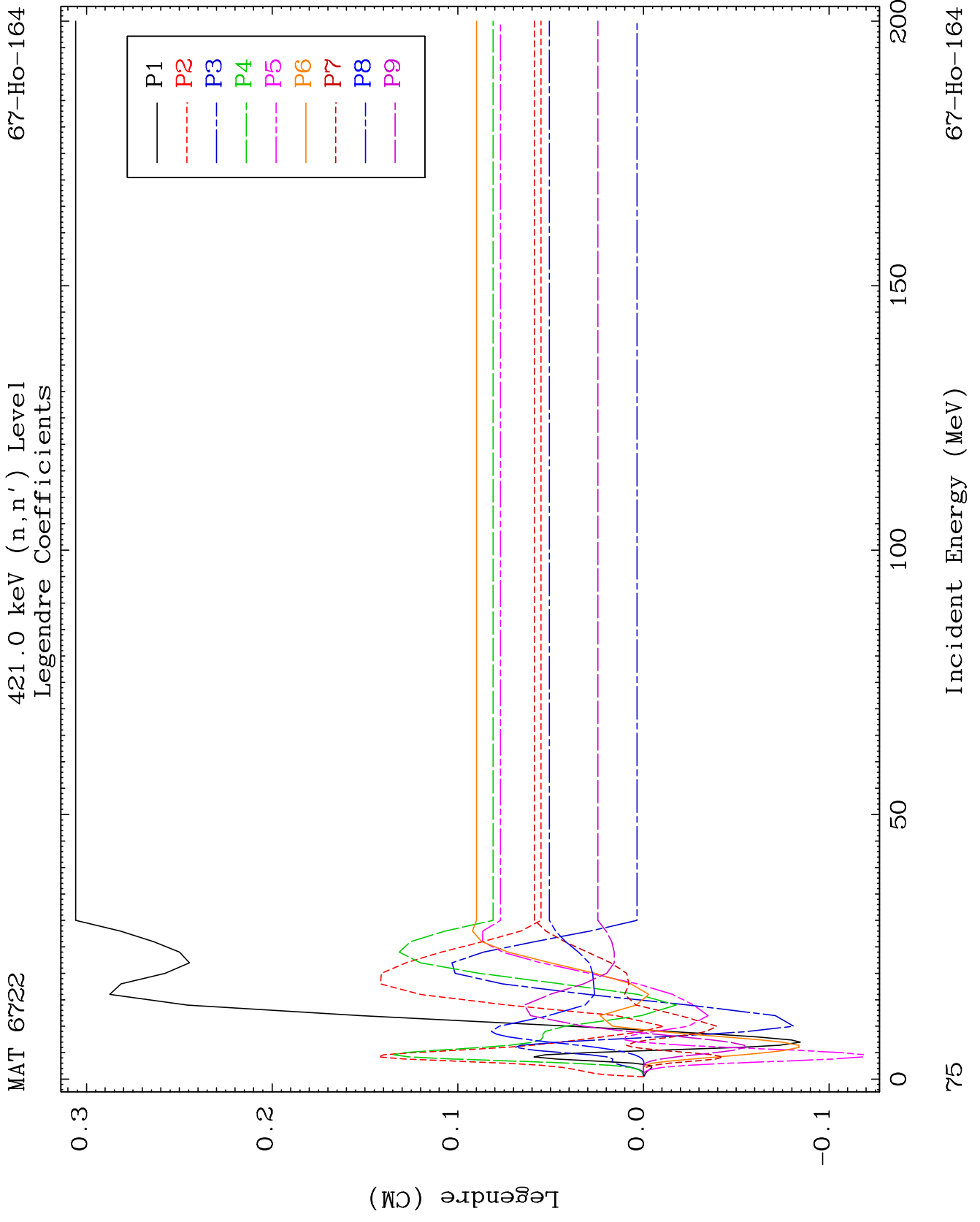
71

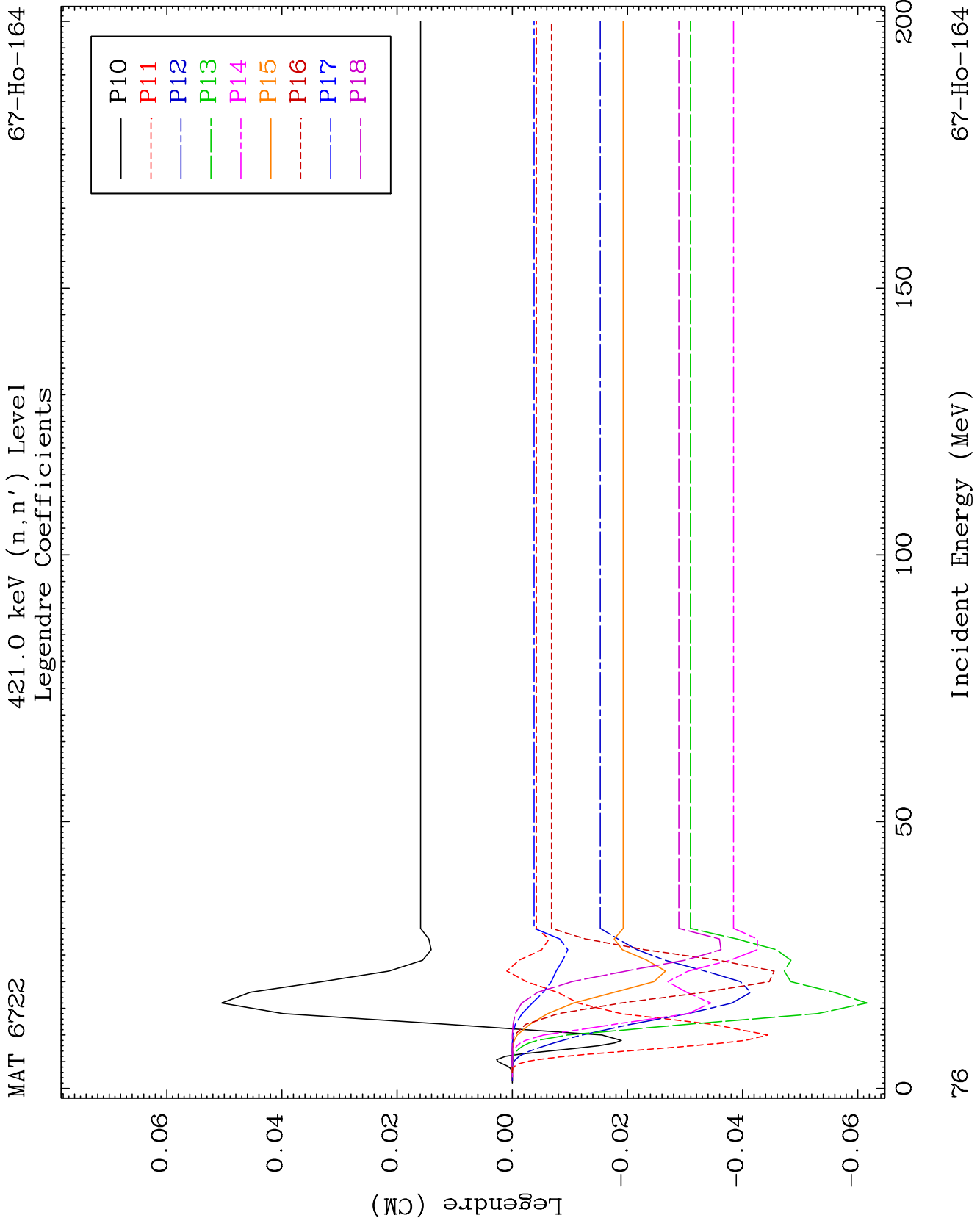
Incident Energy (MeV)

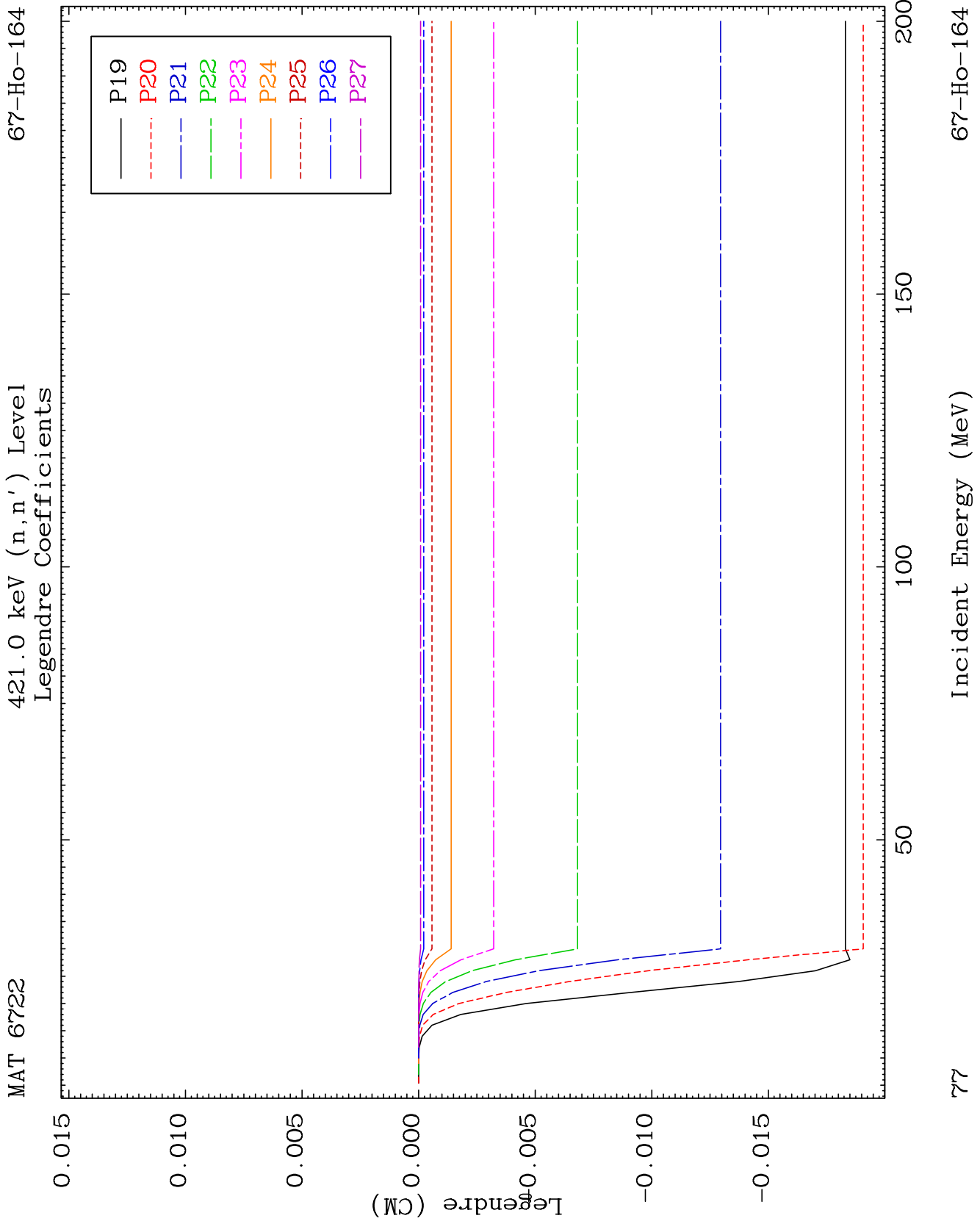
67-Ho-164

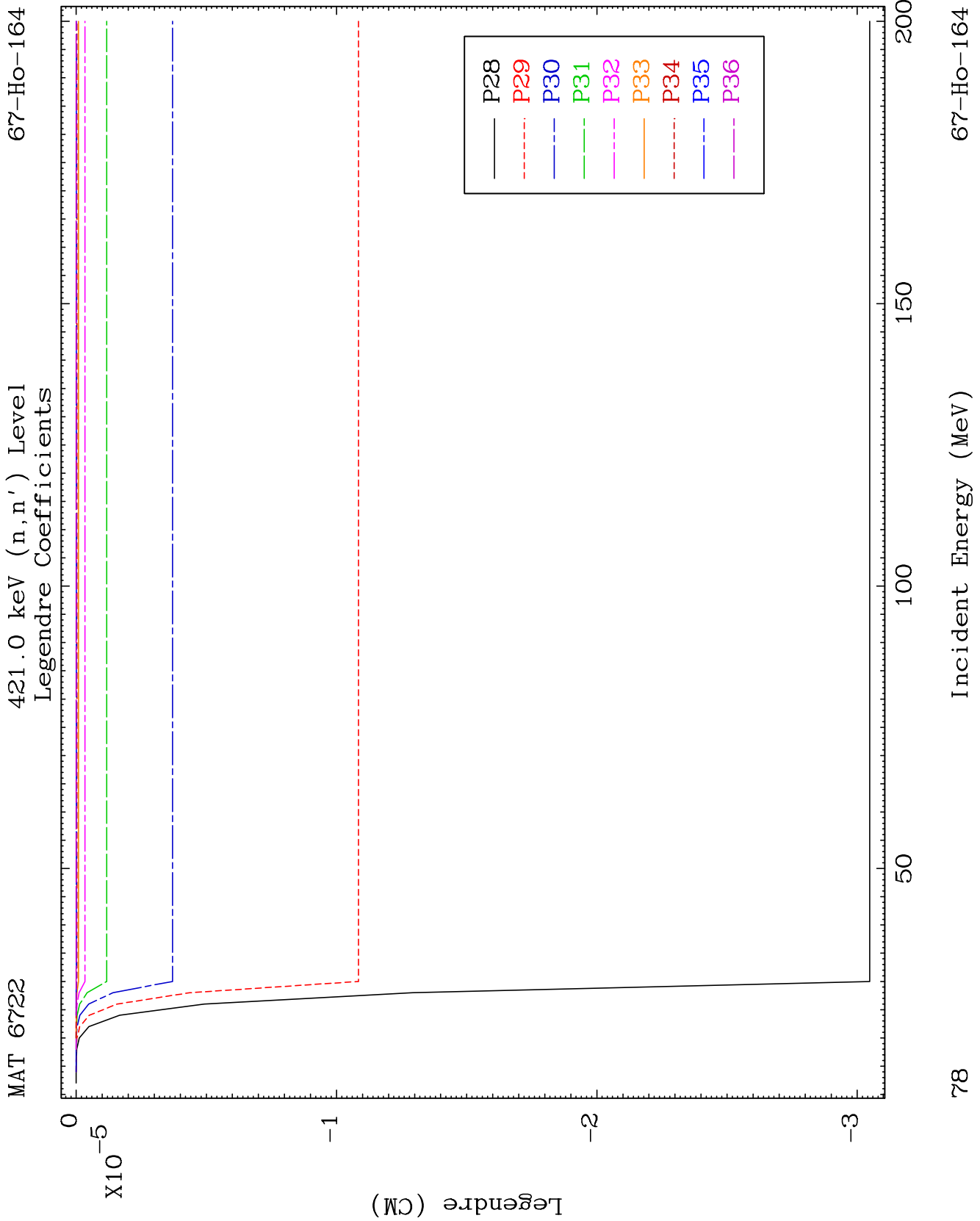


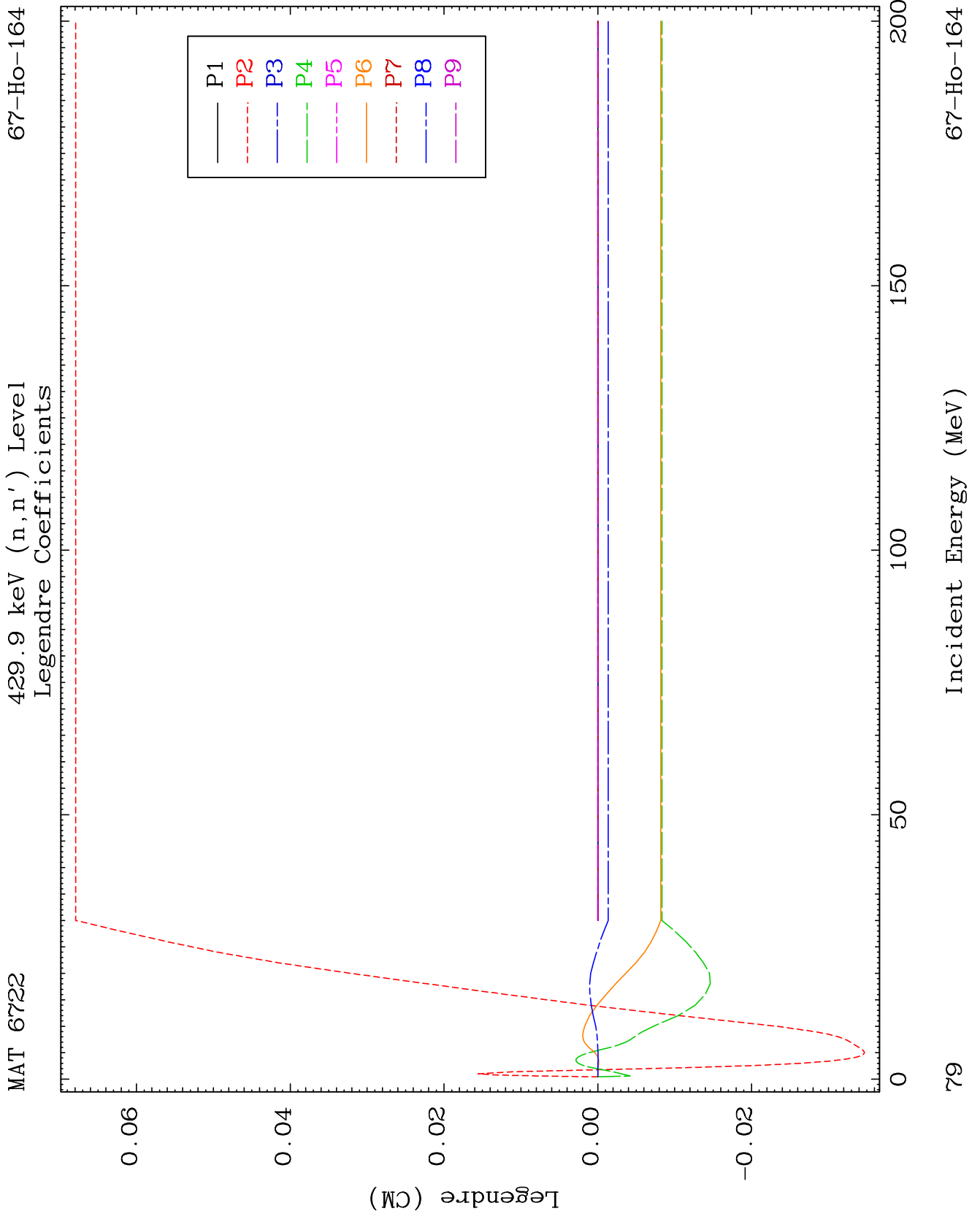








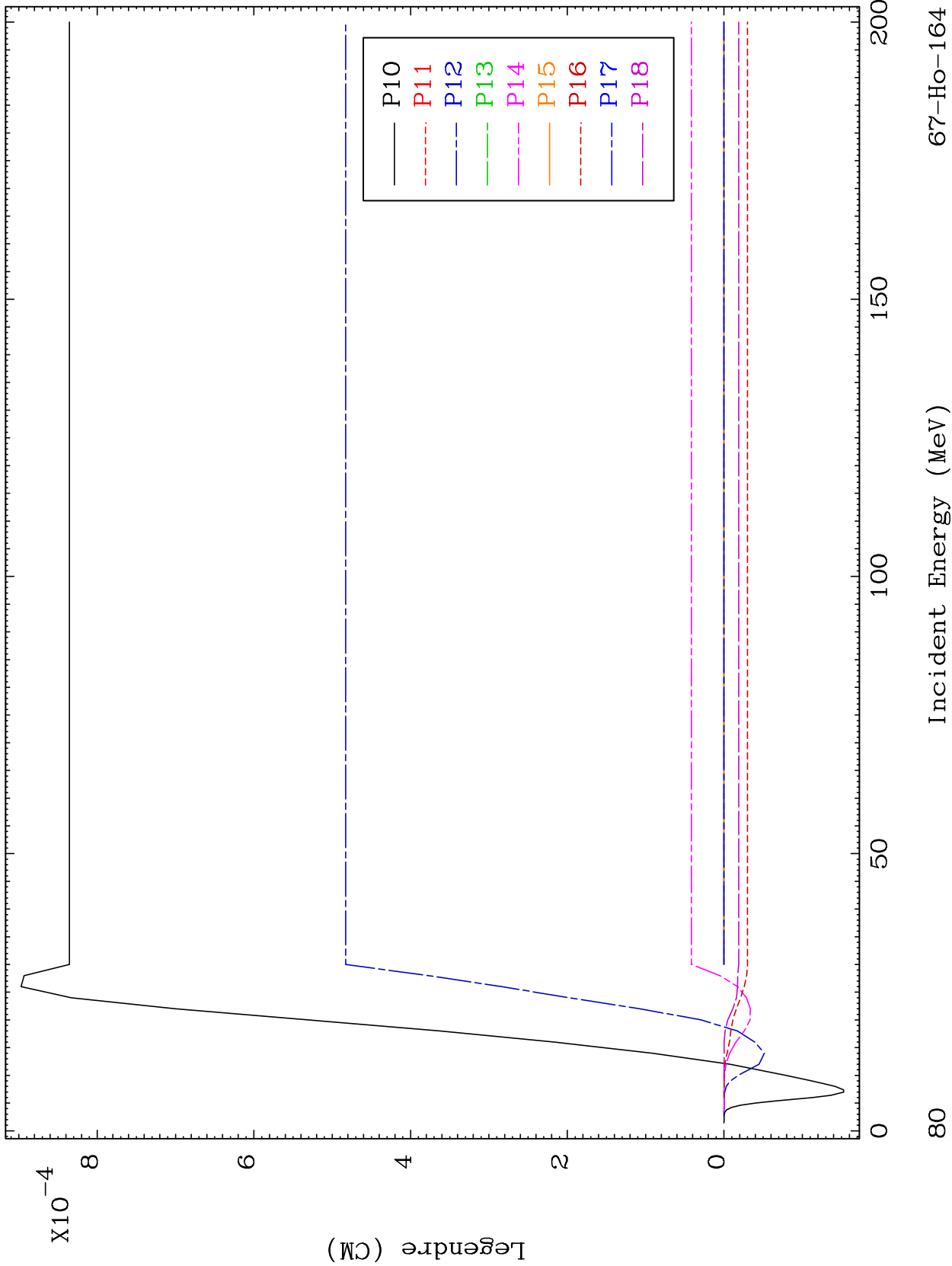




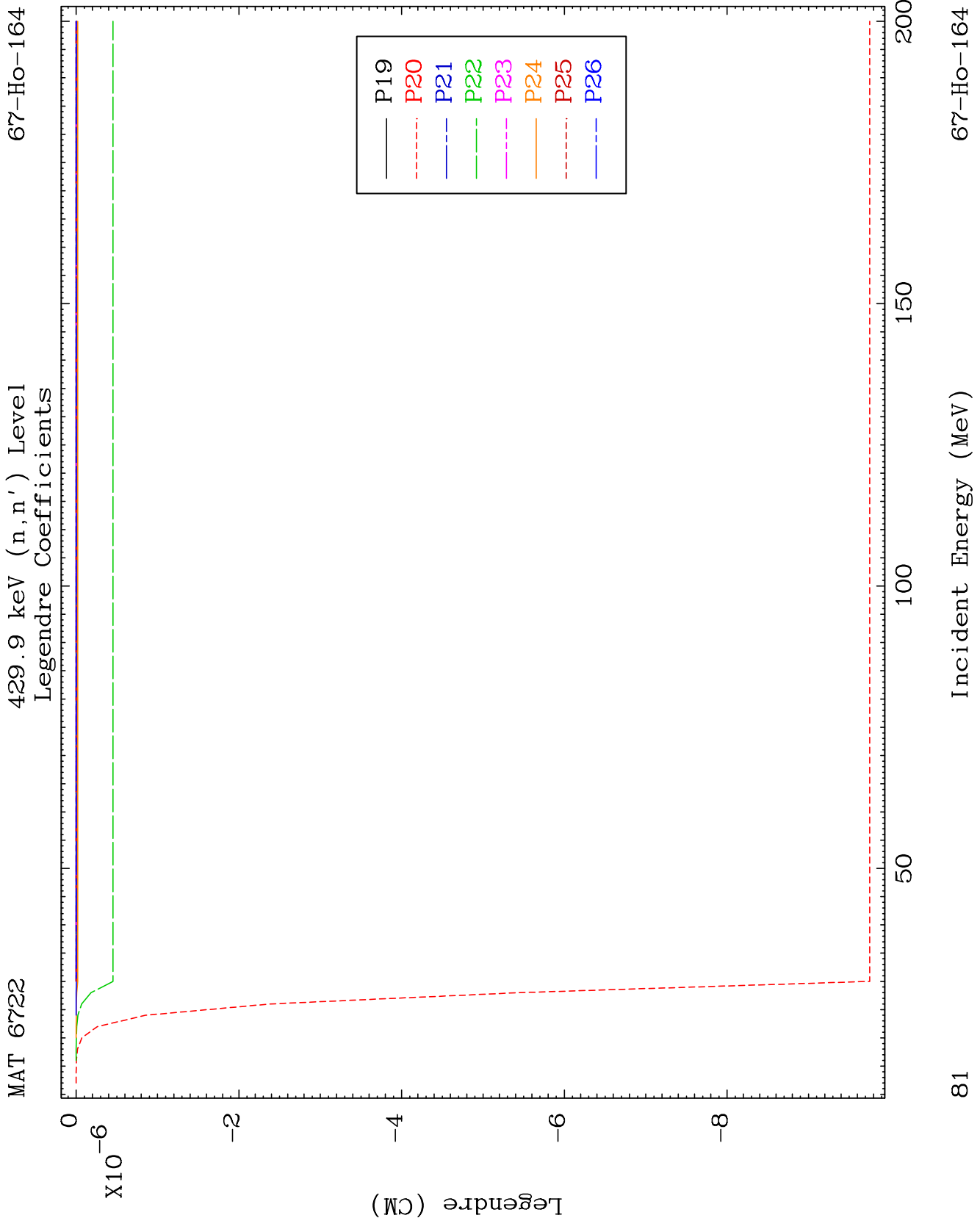
MAT 6722

429.9 keV (n,n') Level
Legendre Coefficients

67-Ho-164



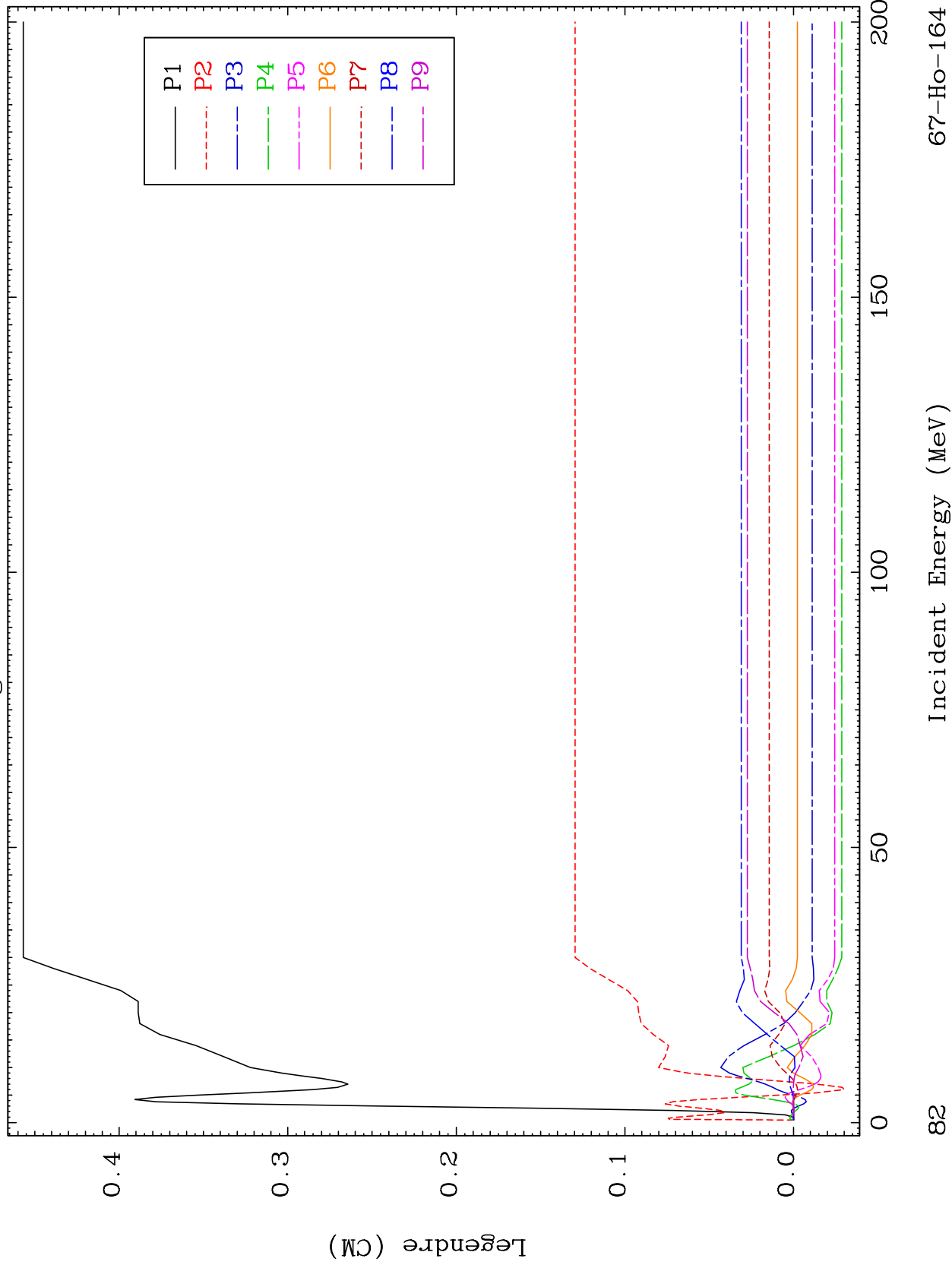
67-Ho-164



MAT 6722

452.6 keV (n,n') Level
Legendre Coefficients

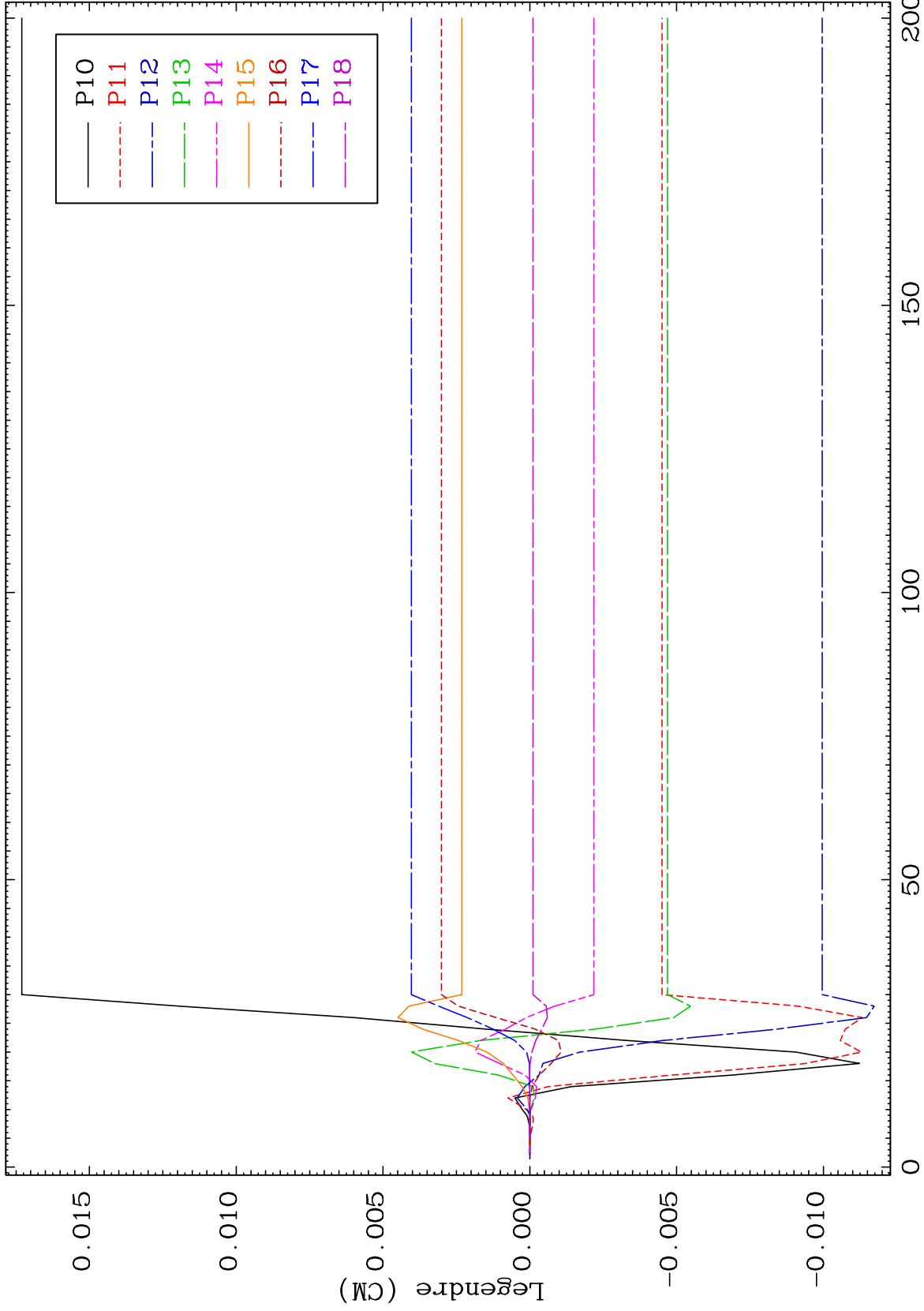
67-Ho-164

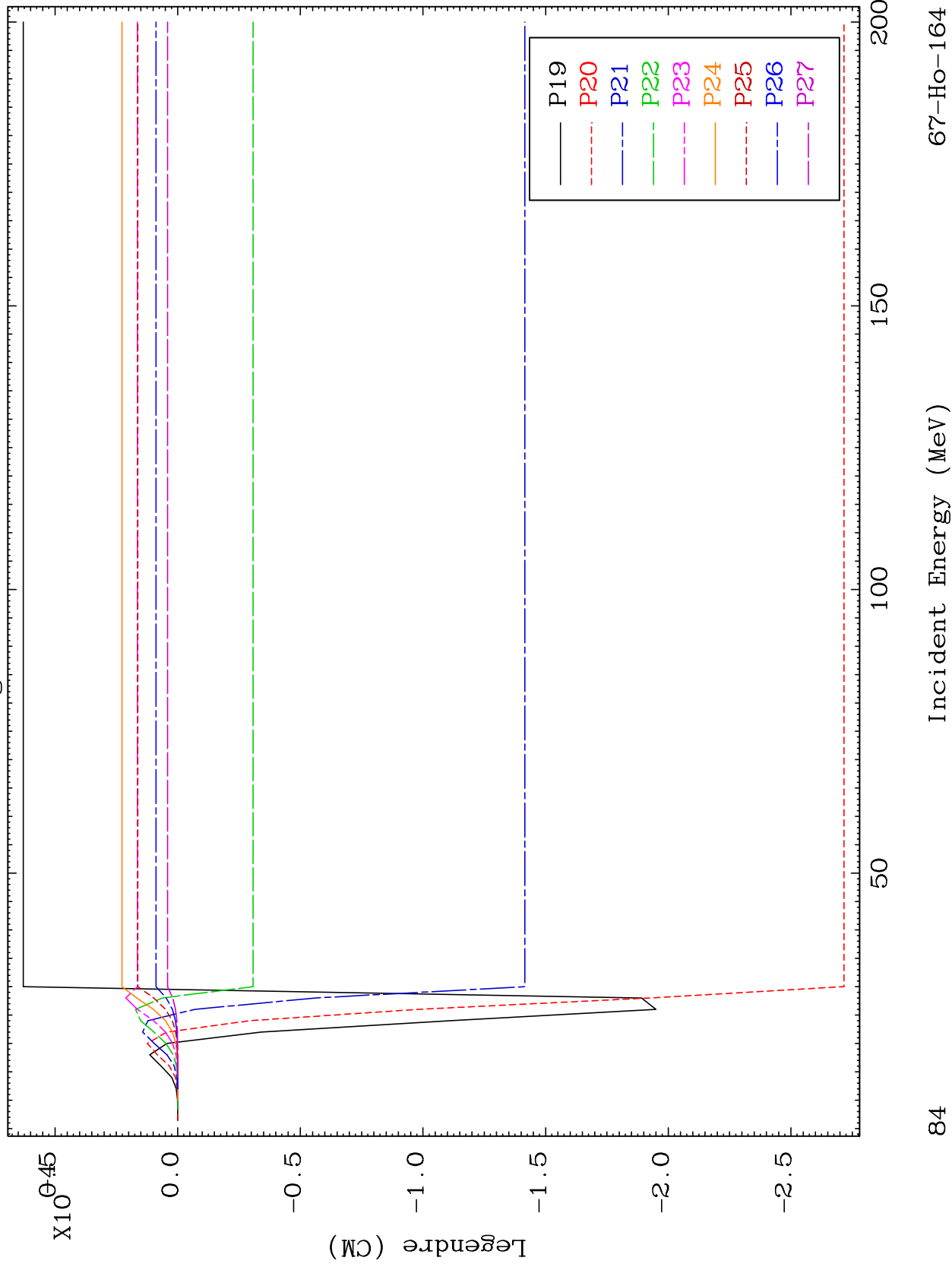


67-Ho-164

Incident Energy (MeV)

82

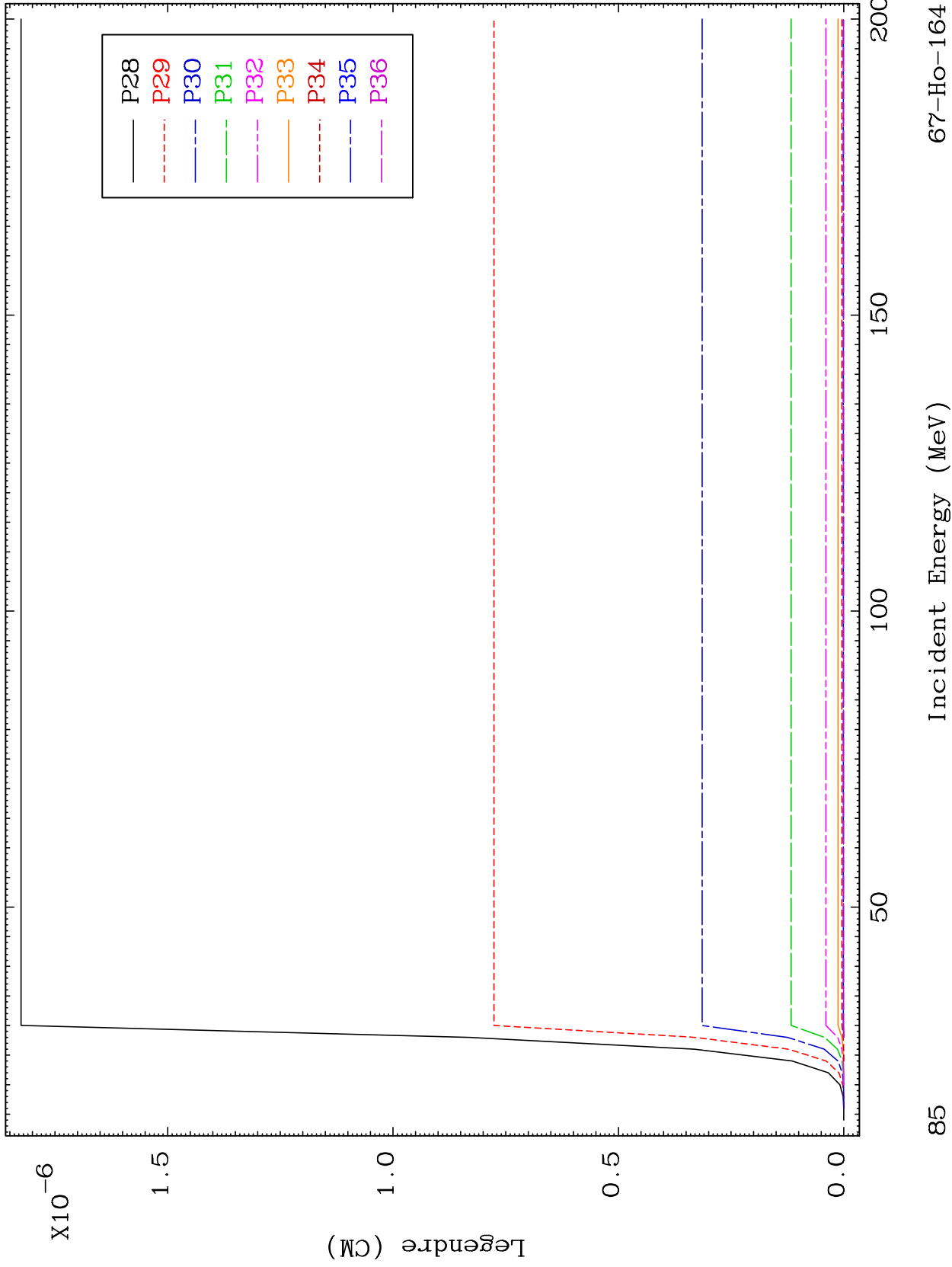




MAT 67222

452.6 keV (n, n') Level
Legendre Coefficients

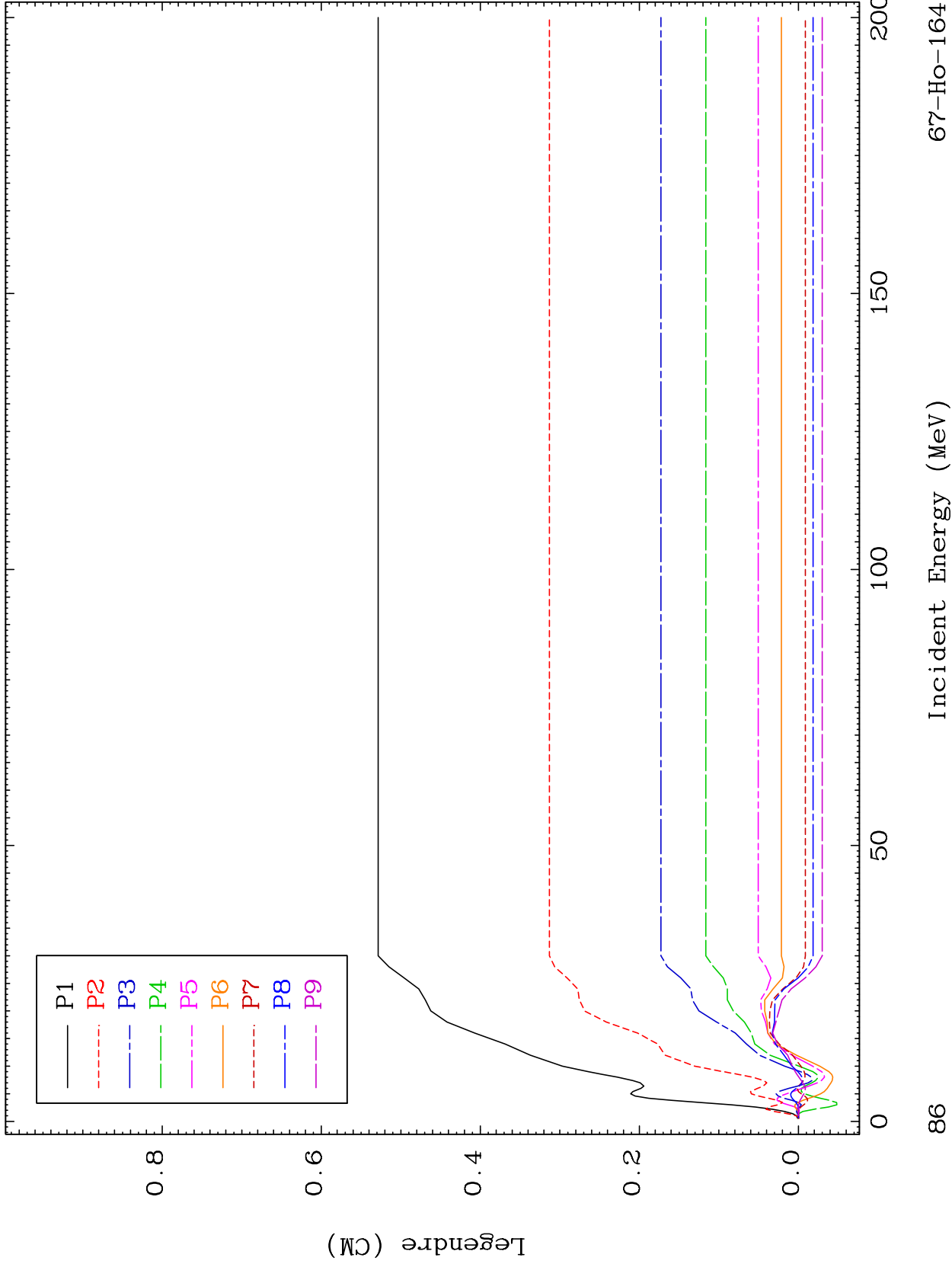
67-Ho-164



MAT 6722

486.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164



86

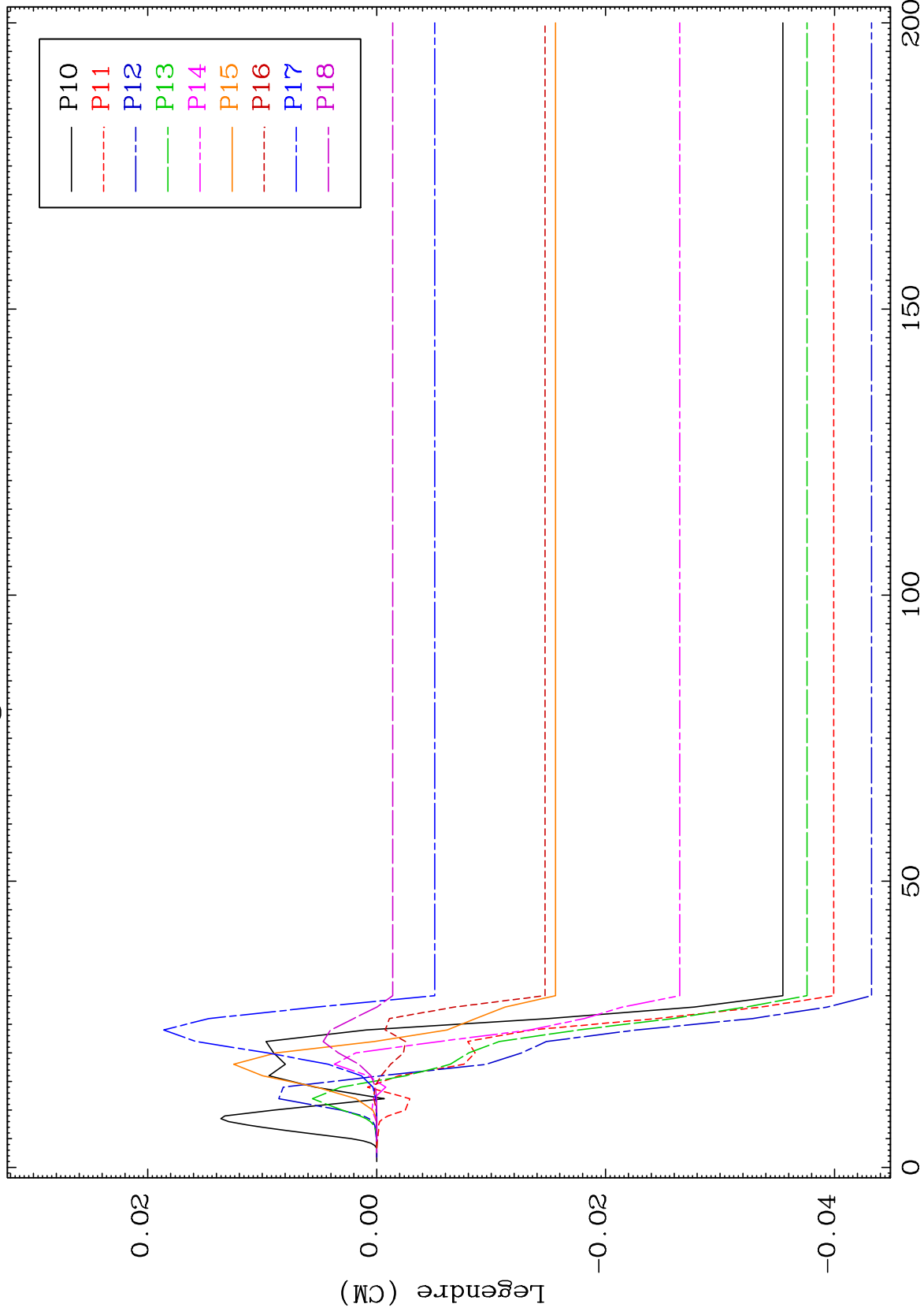
Incident Energy (MeV)

67-Ho-164

MAT 6722

486.0 keV (n,n') Level
Legendre Coefficients

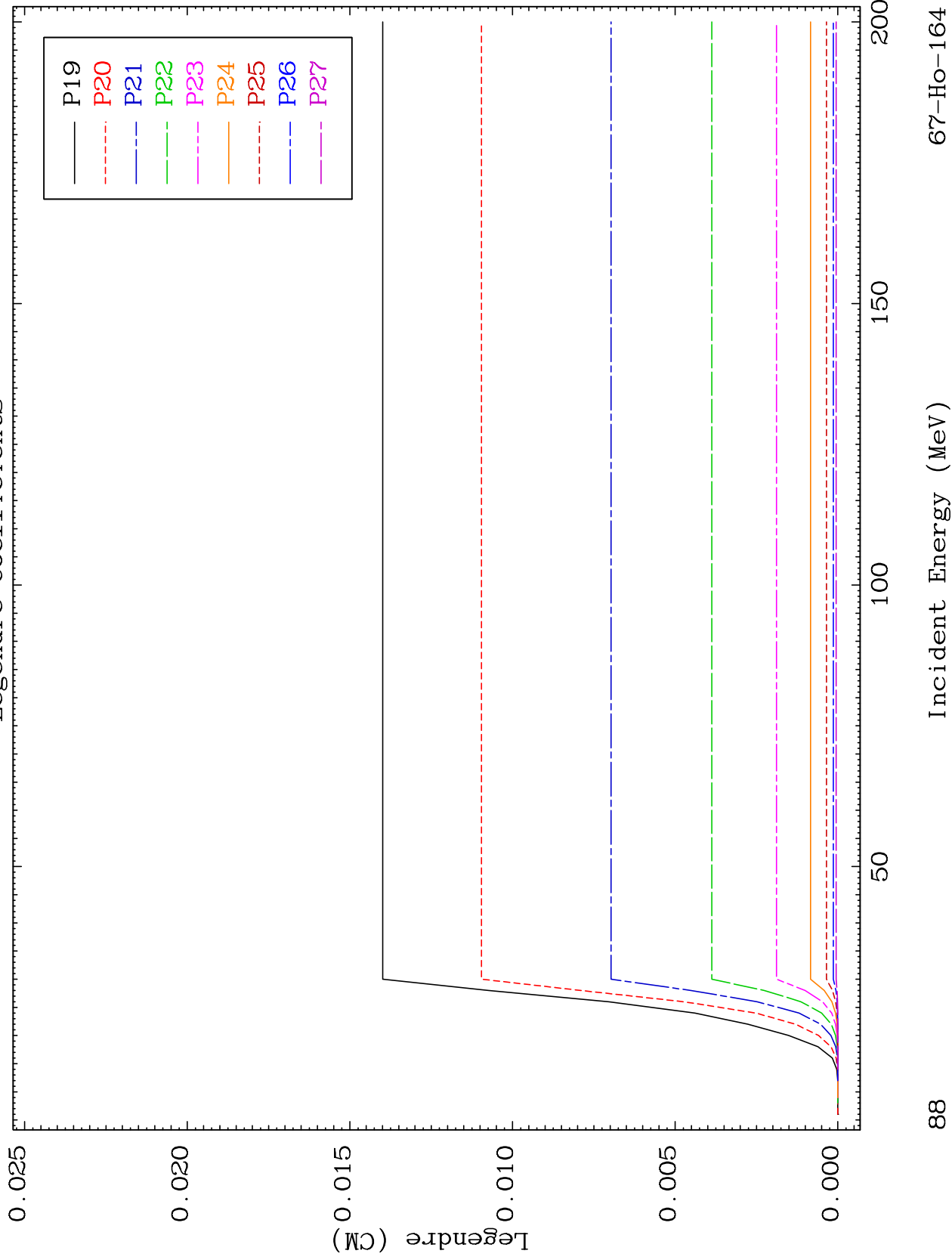
67-Ho-164



87

Incident Energy (MeV)

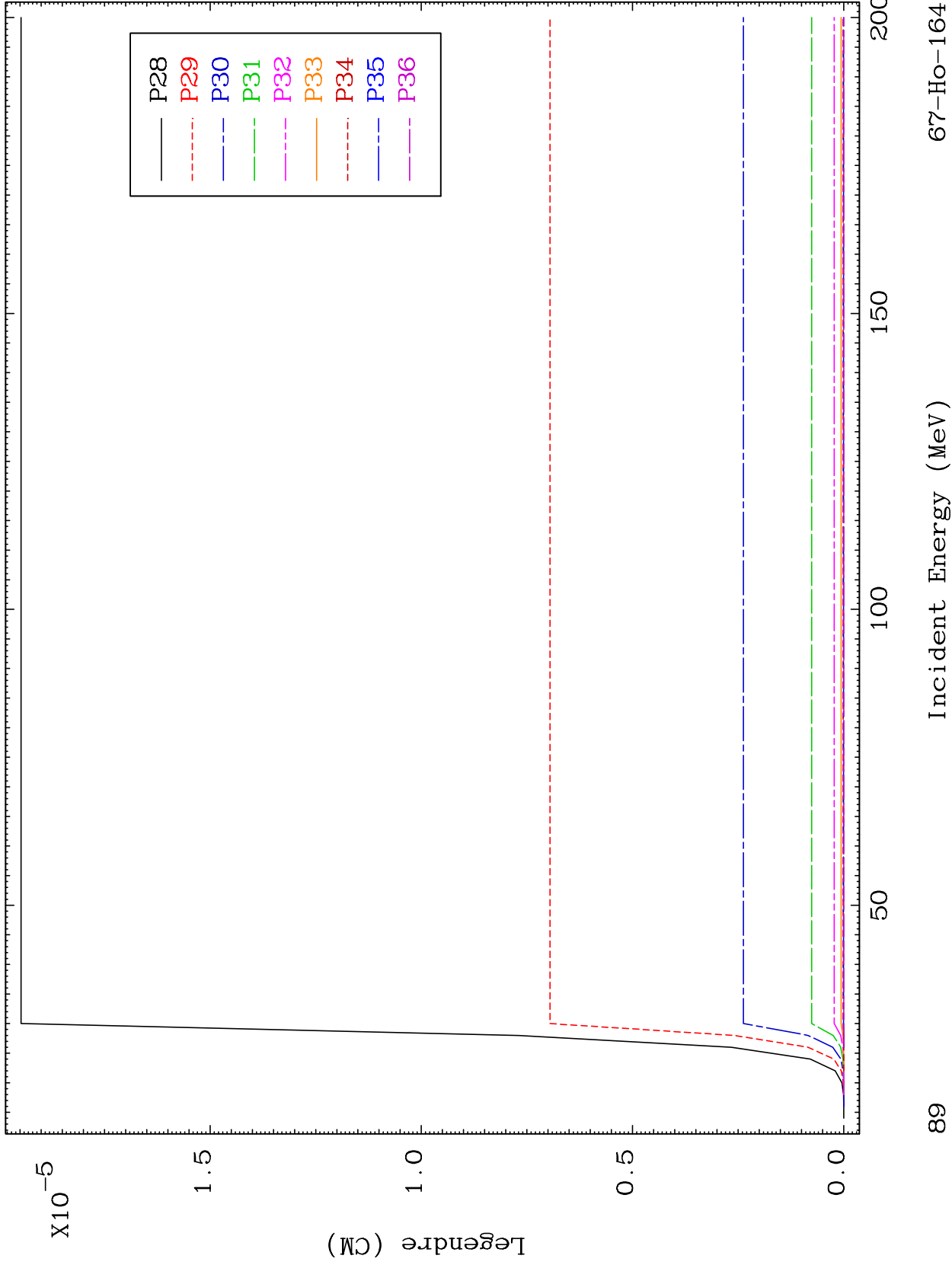
67-Ho-164



MAT 6722

486.0 keV (n,n') Level
Legendre Coefficients

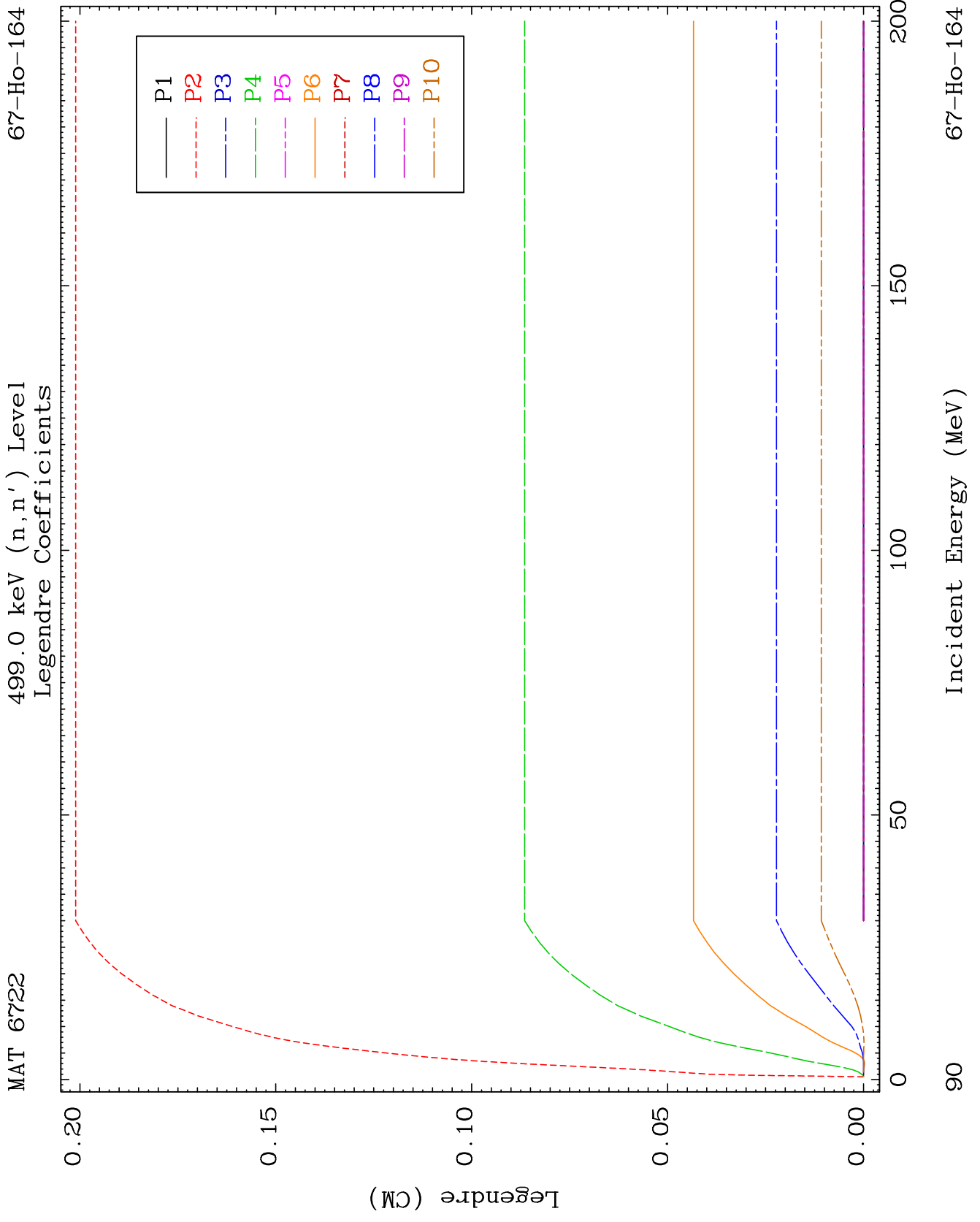
67-Ho-164

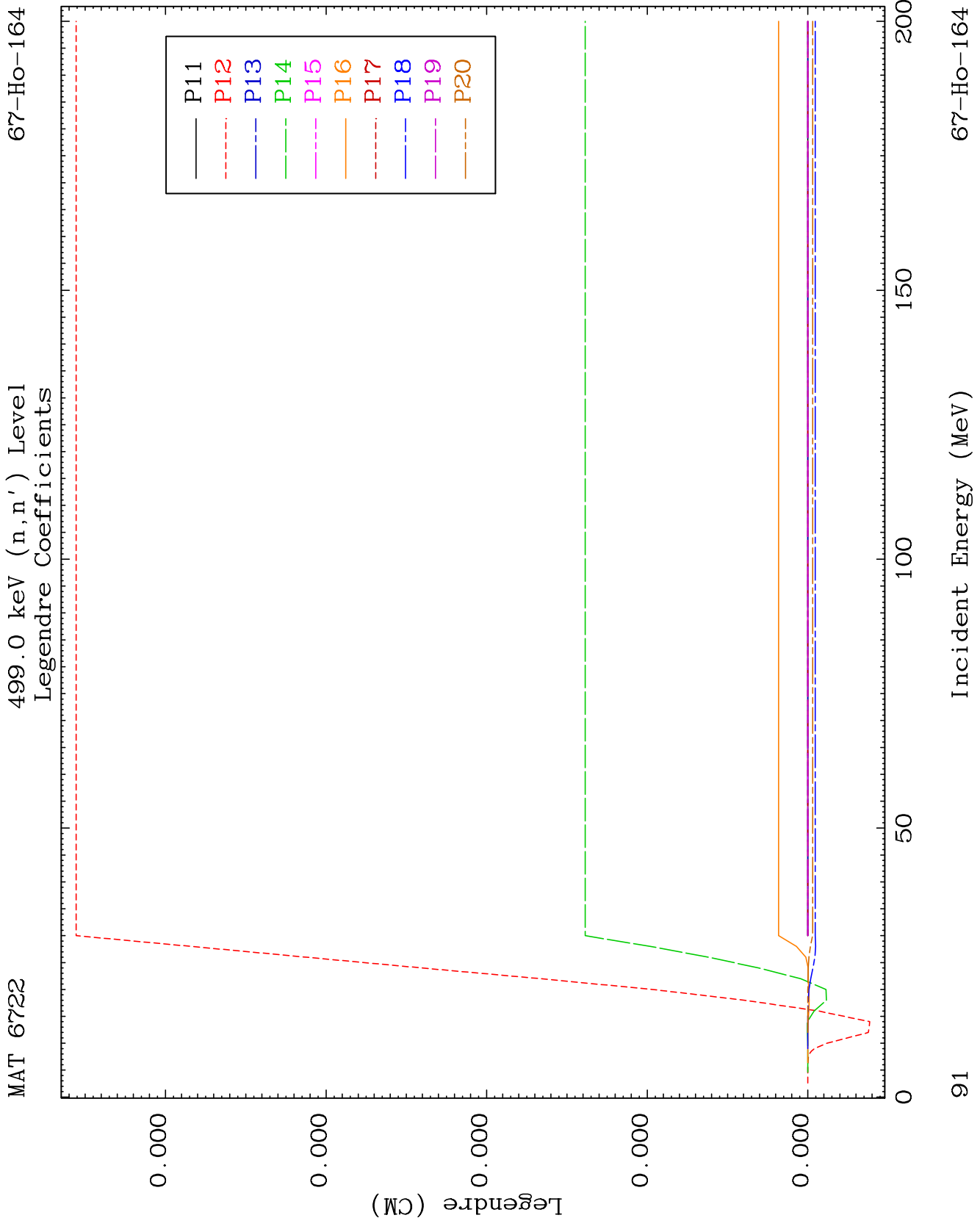


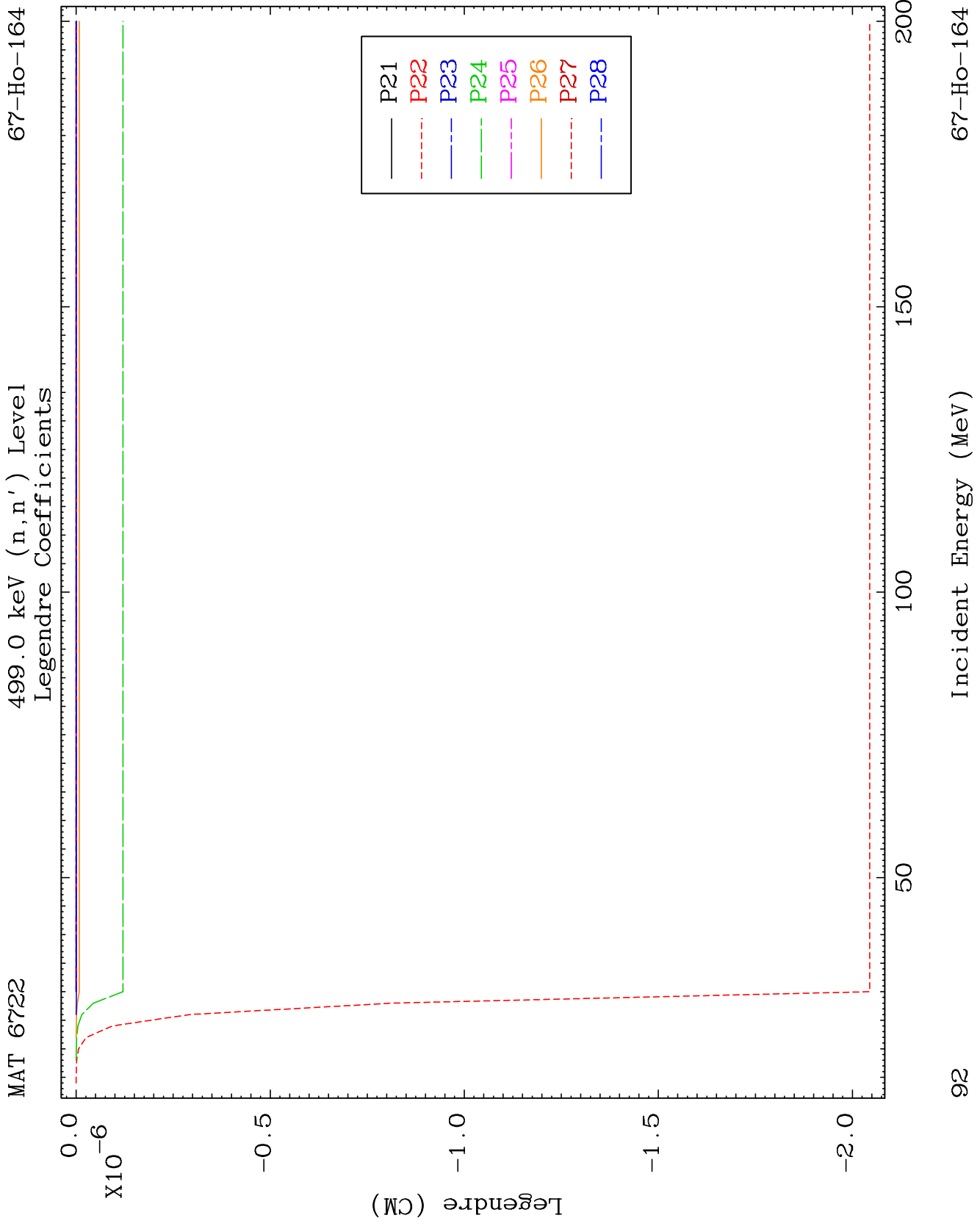
89

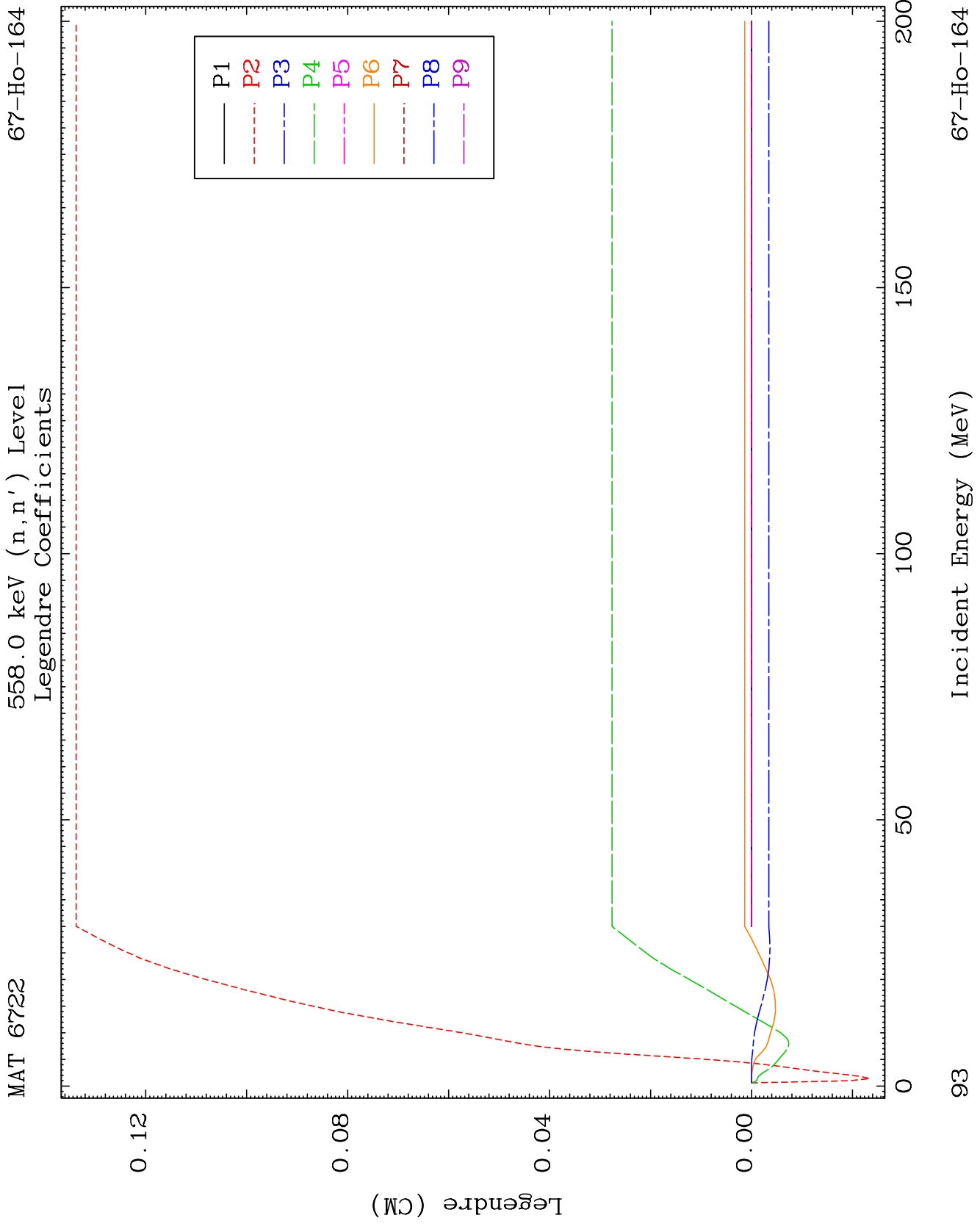
Incident Energy (MeV)

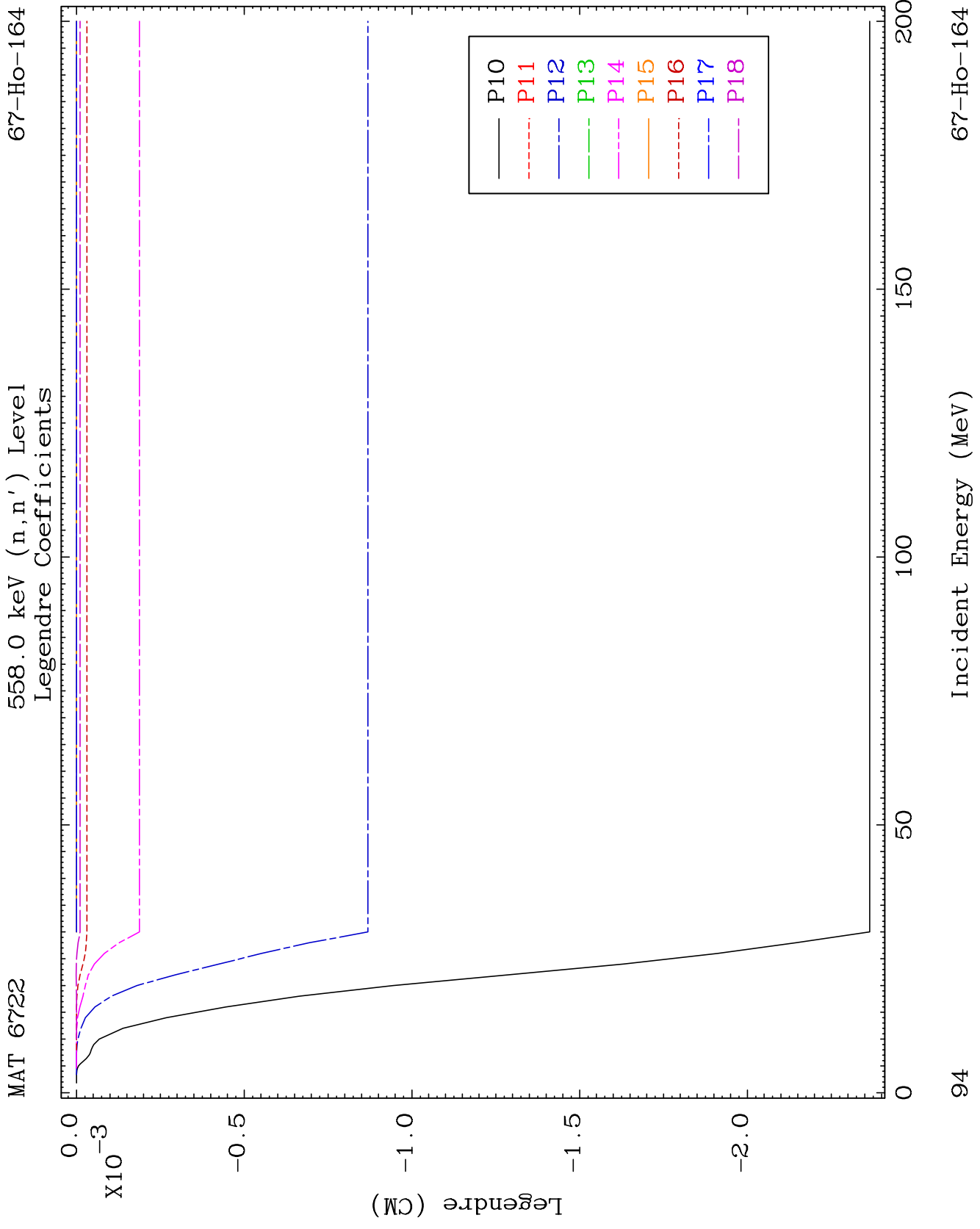
67-Ho-164

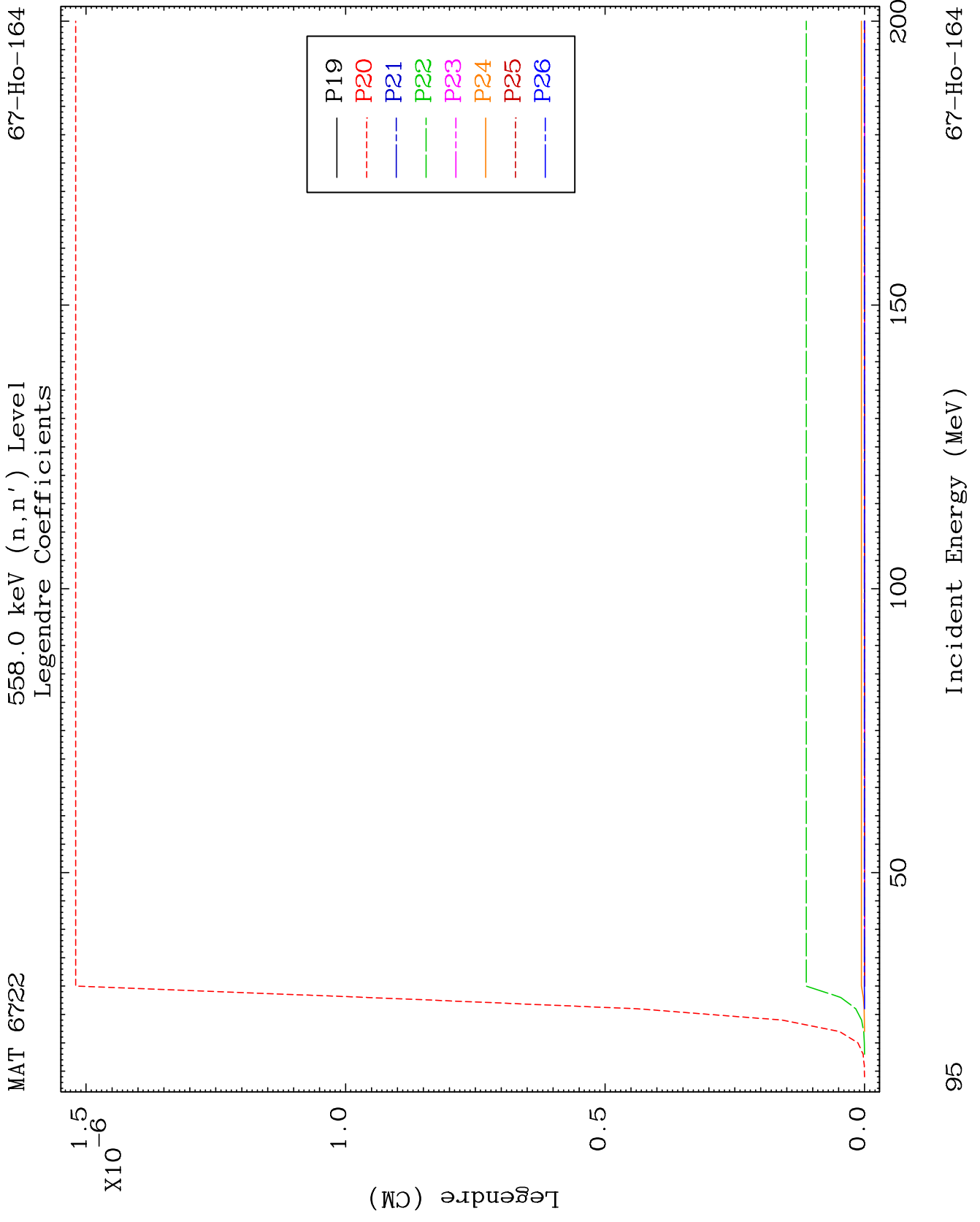


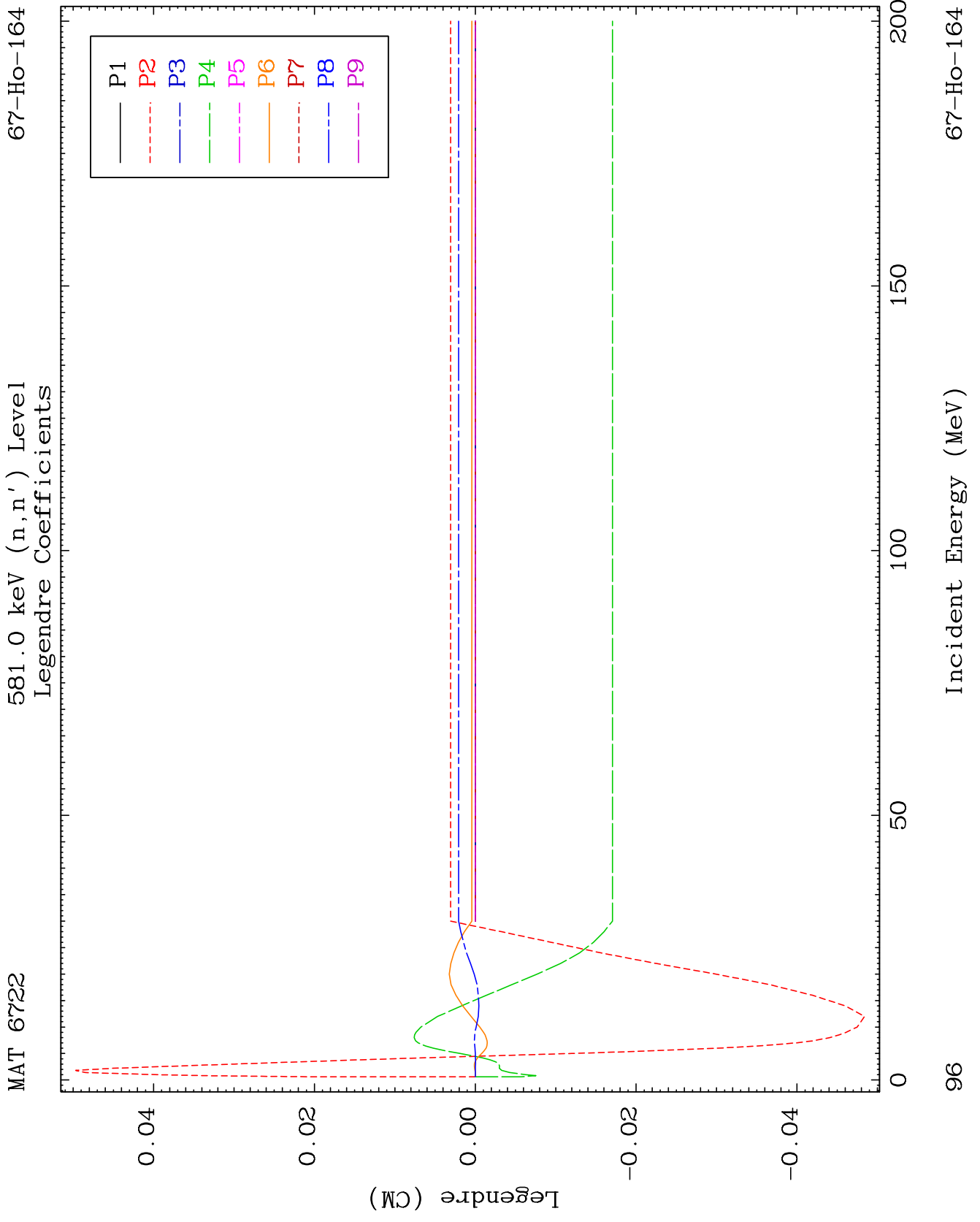








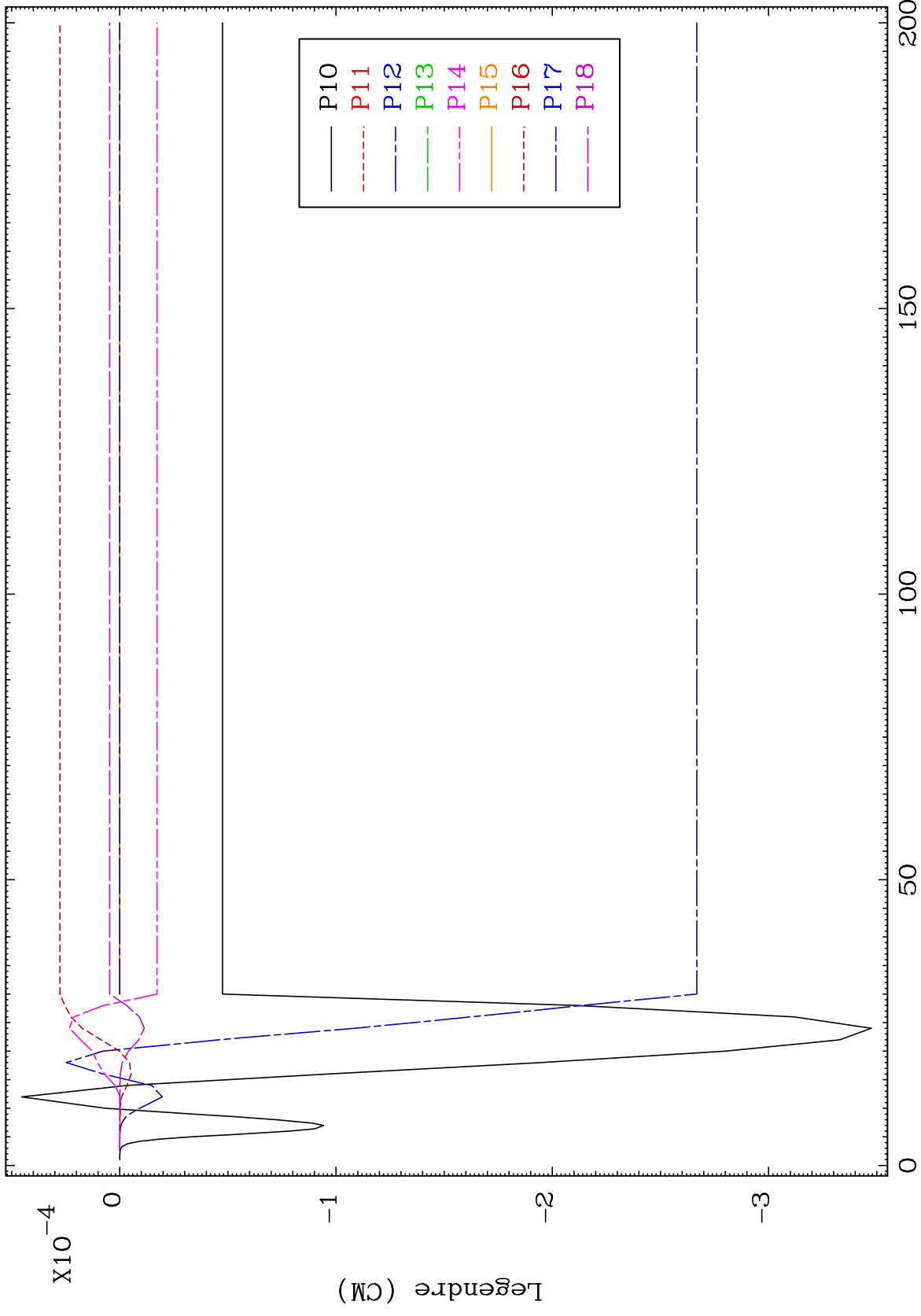




MAT 6722

581.0 keV (n,n') Level
Legendre Coefficients

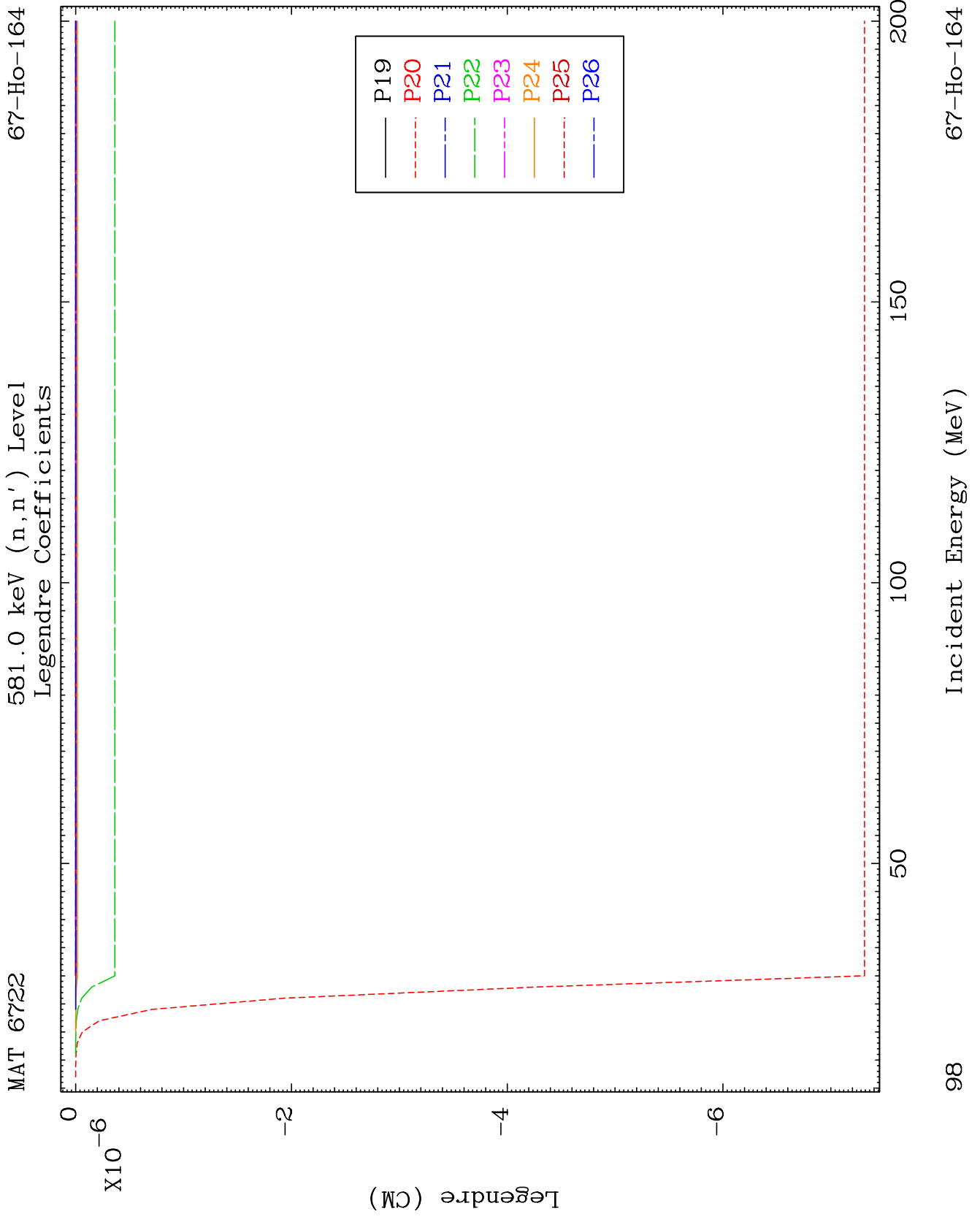
67-Ho-164

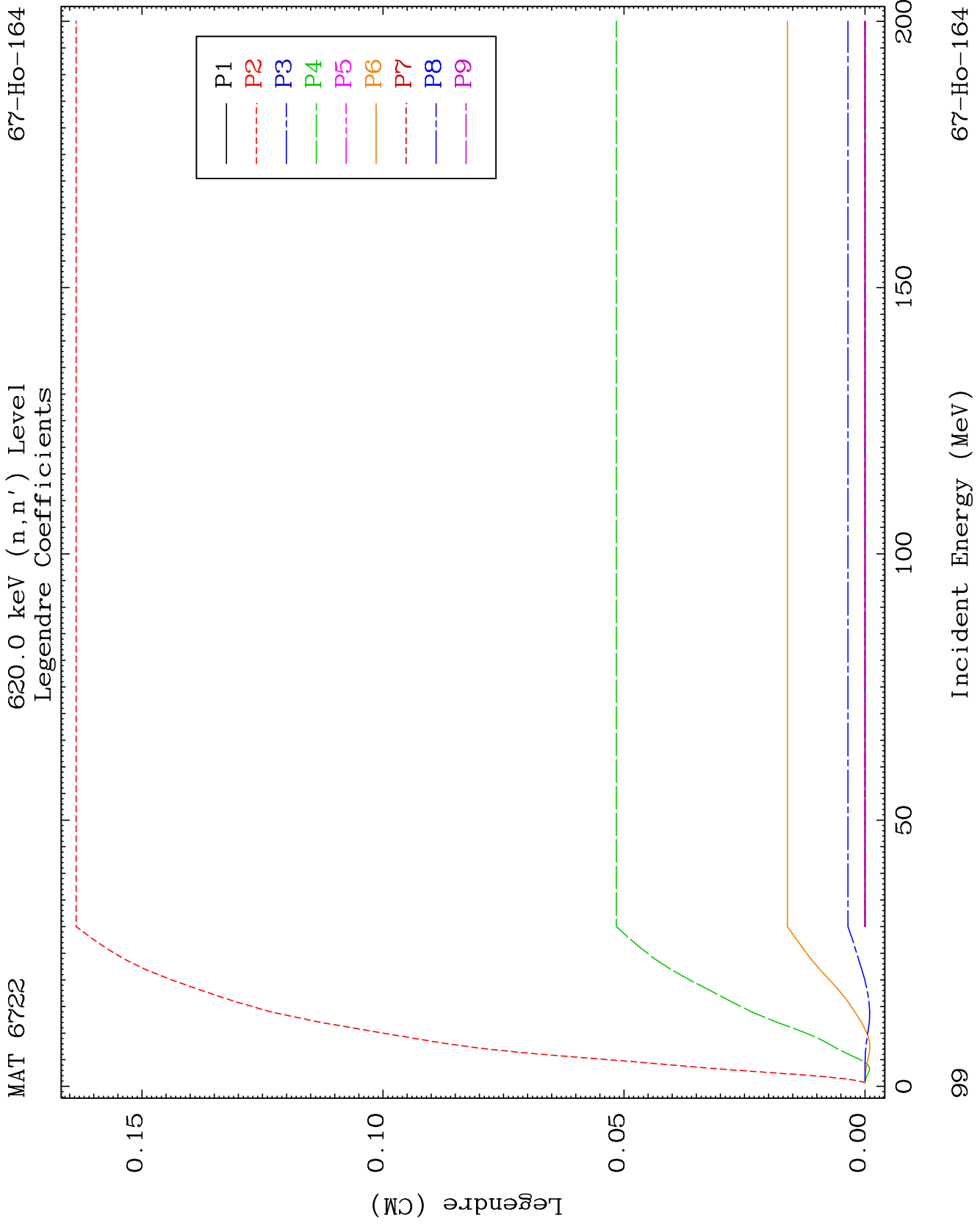


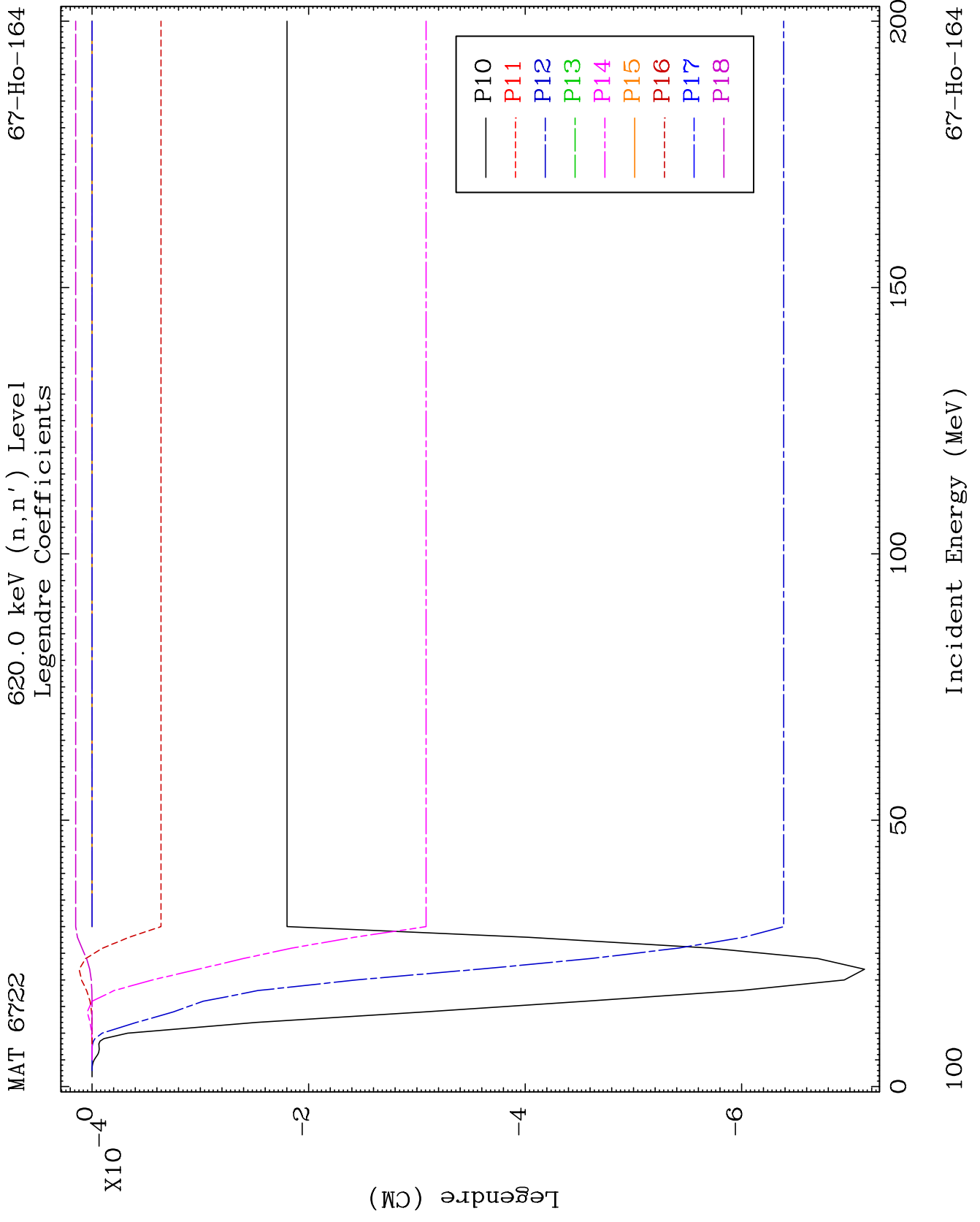
97

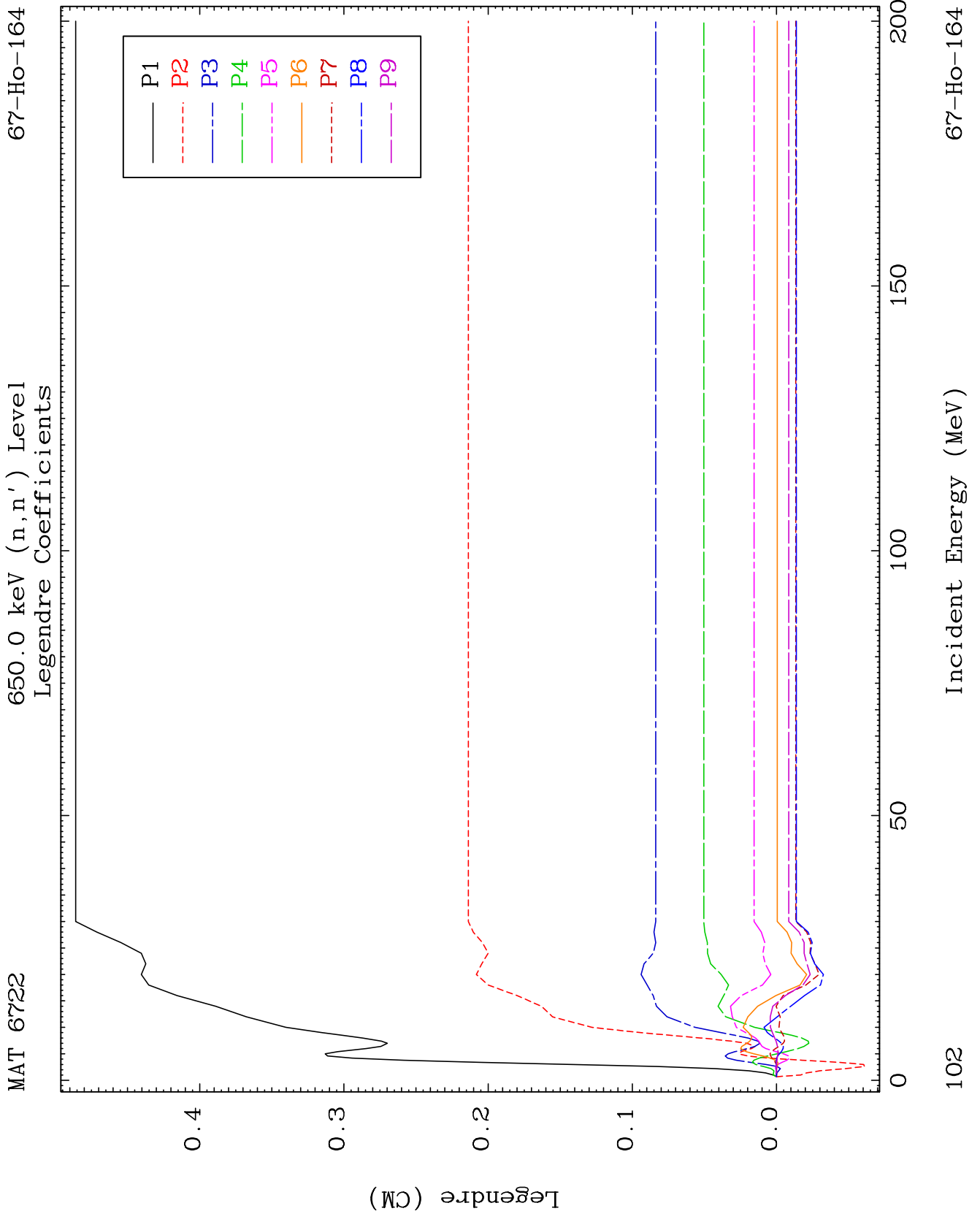
Incident Energy (MeV)

67-Ho-164





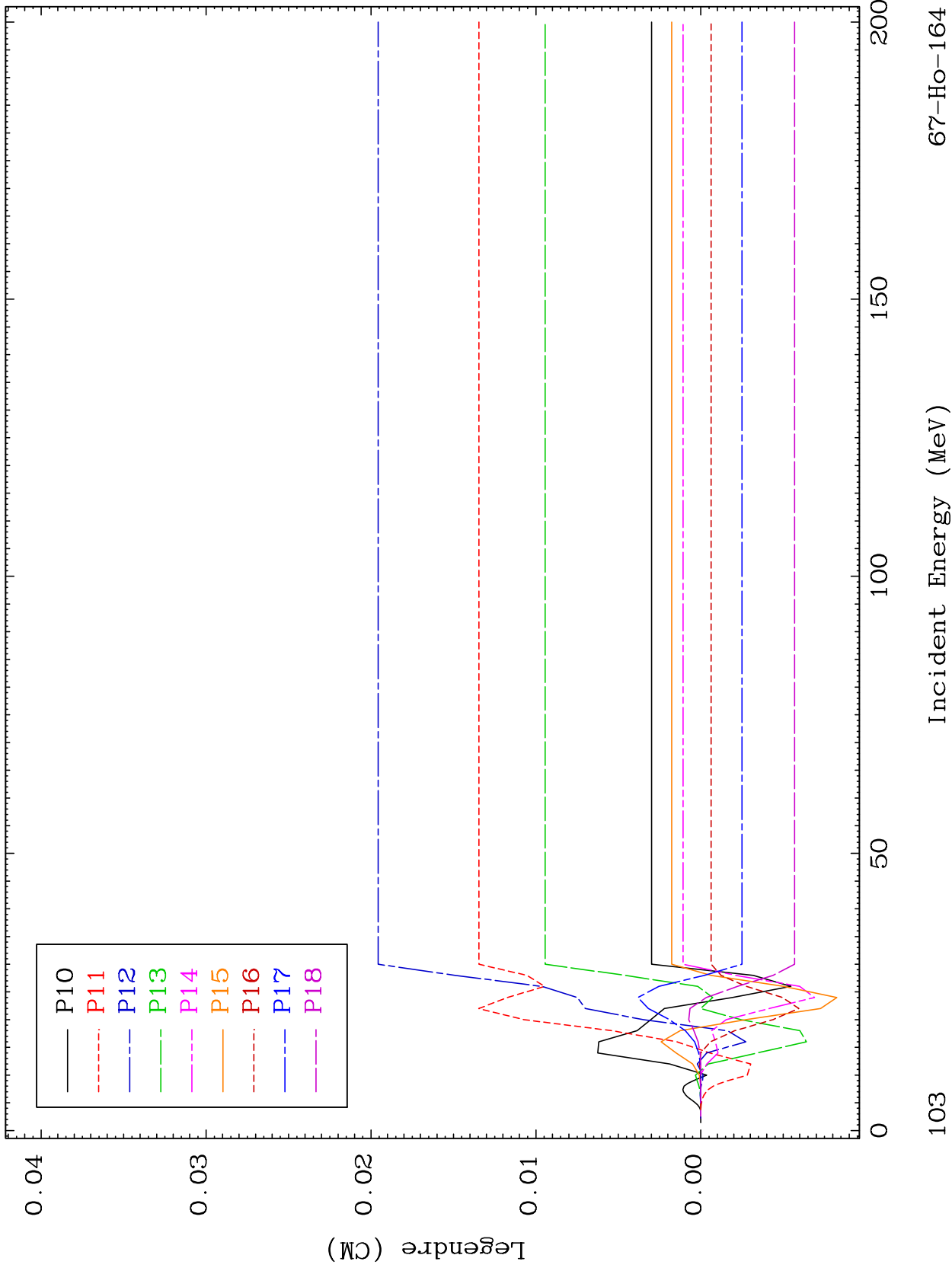




MAT 6722

650.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164



103

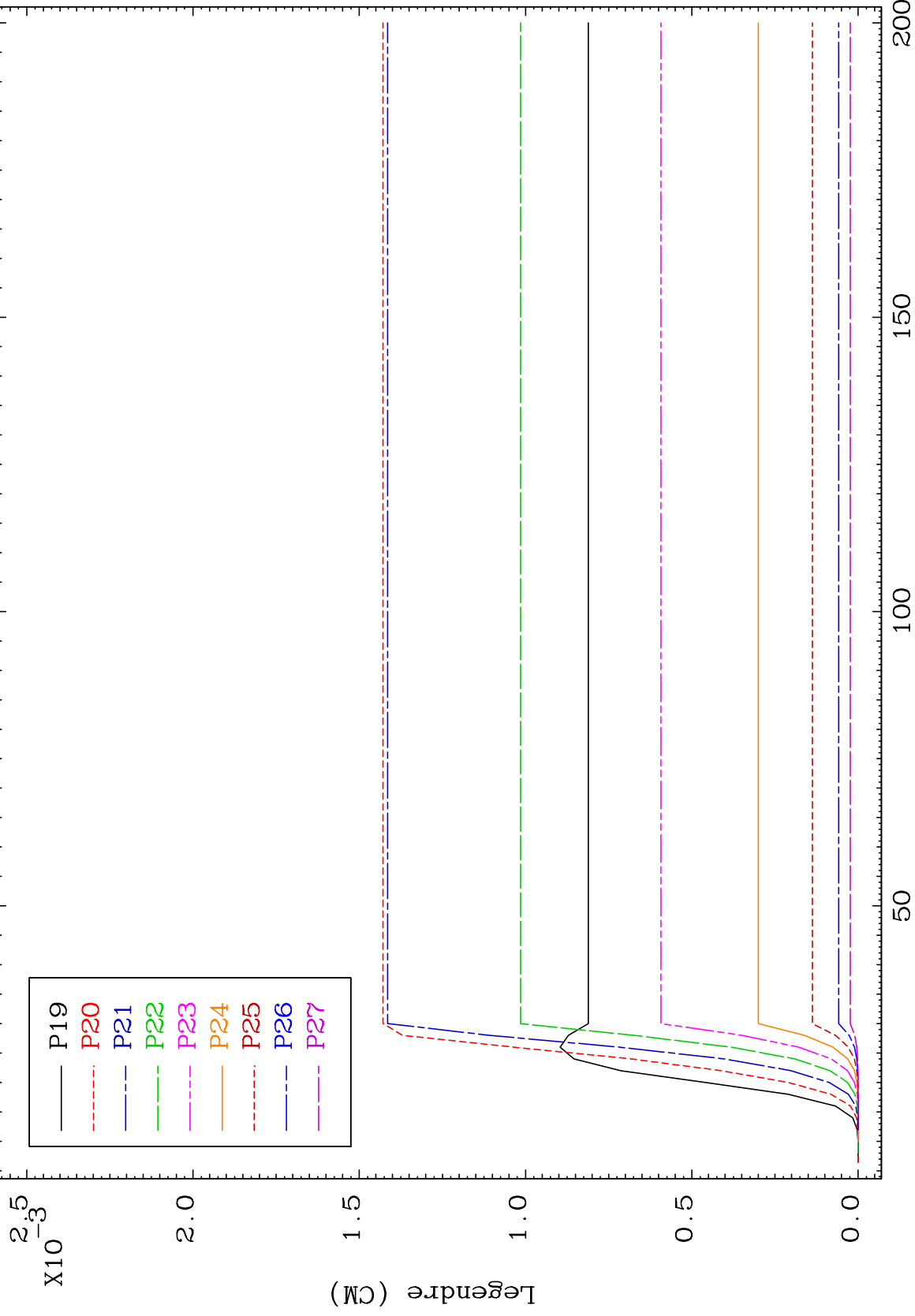
Incident Energy (MeV)

67-Ho-164

MAT 67222

650.0 keV (n,n') Level
Legendre Coefficients

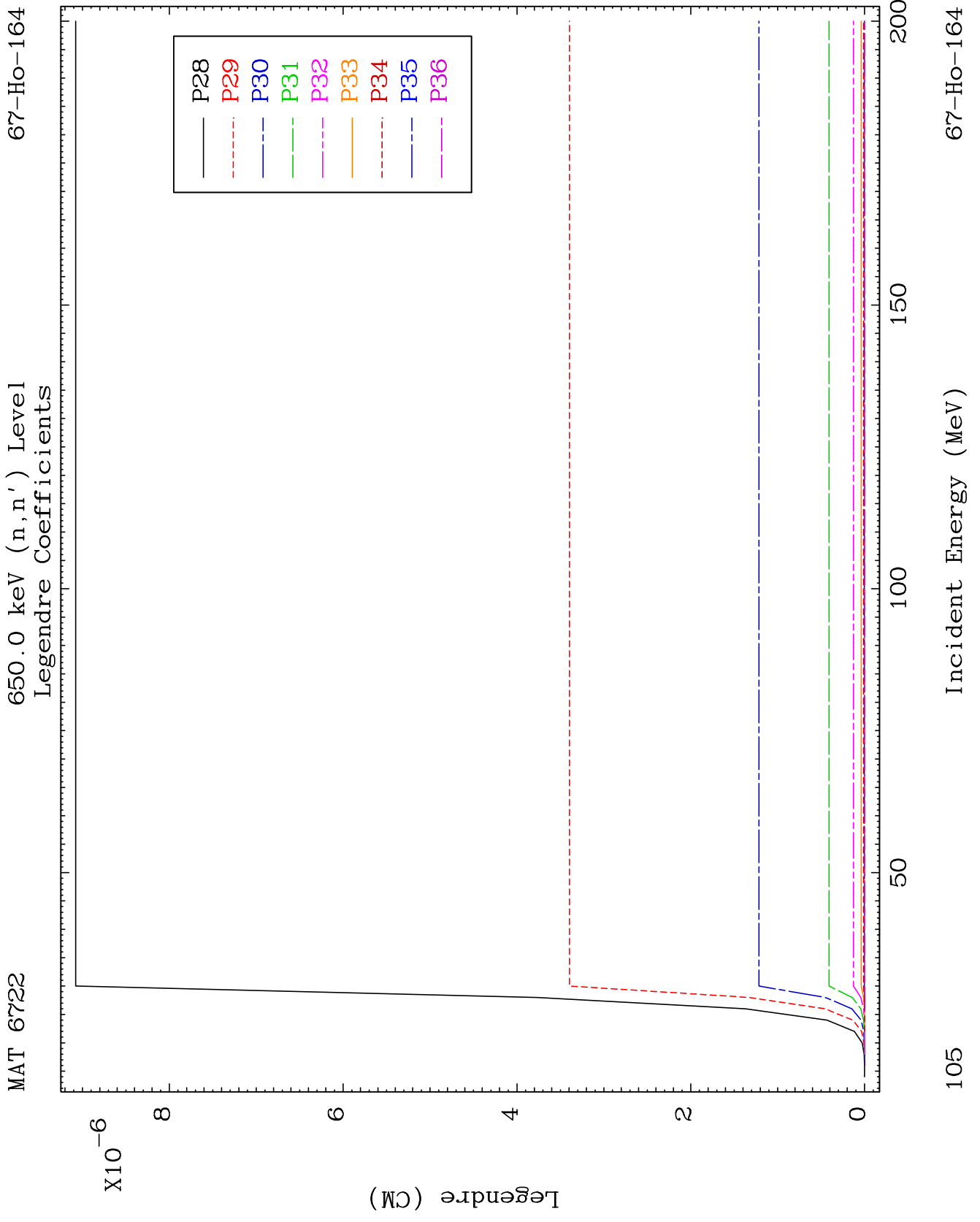
67-Ho-164



104

Incident Energy (MeV)

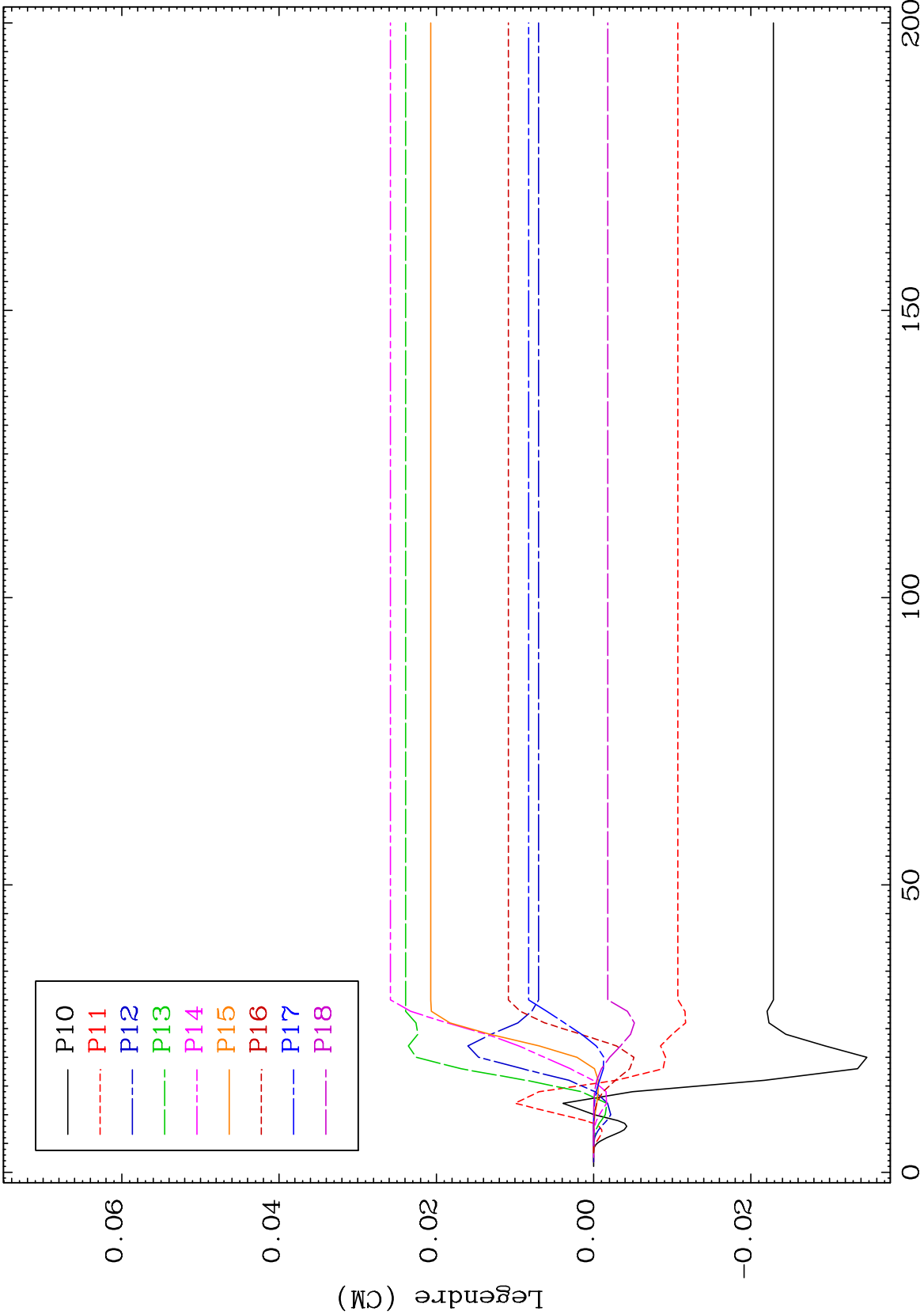
67-Ho-164



MAT 6722

670.0 keV (n,n') Level
Legendre Coefficients

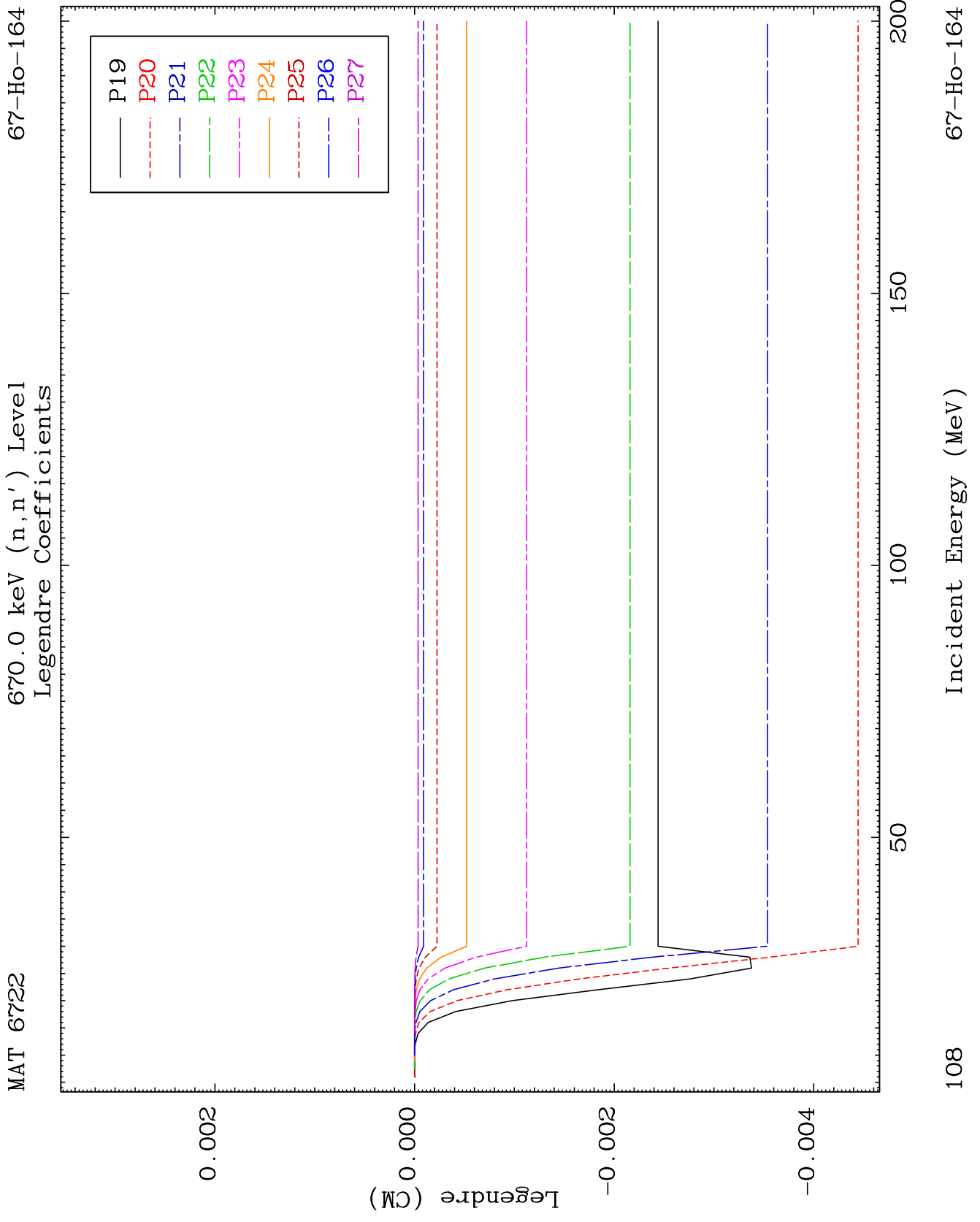
67-Ho-164

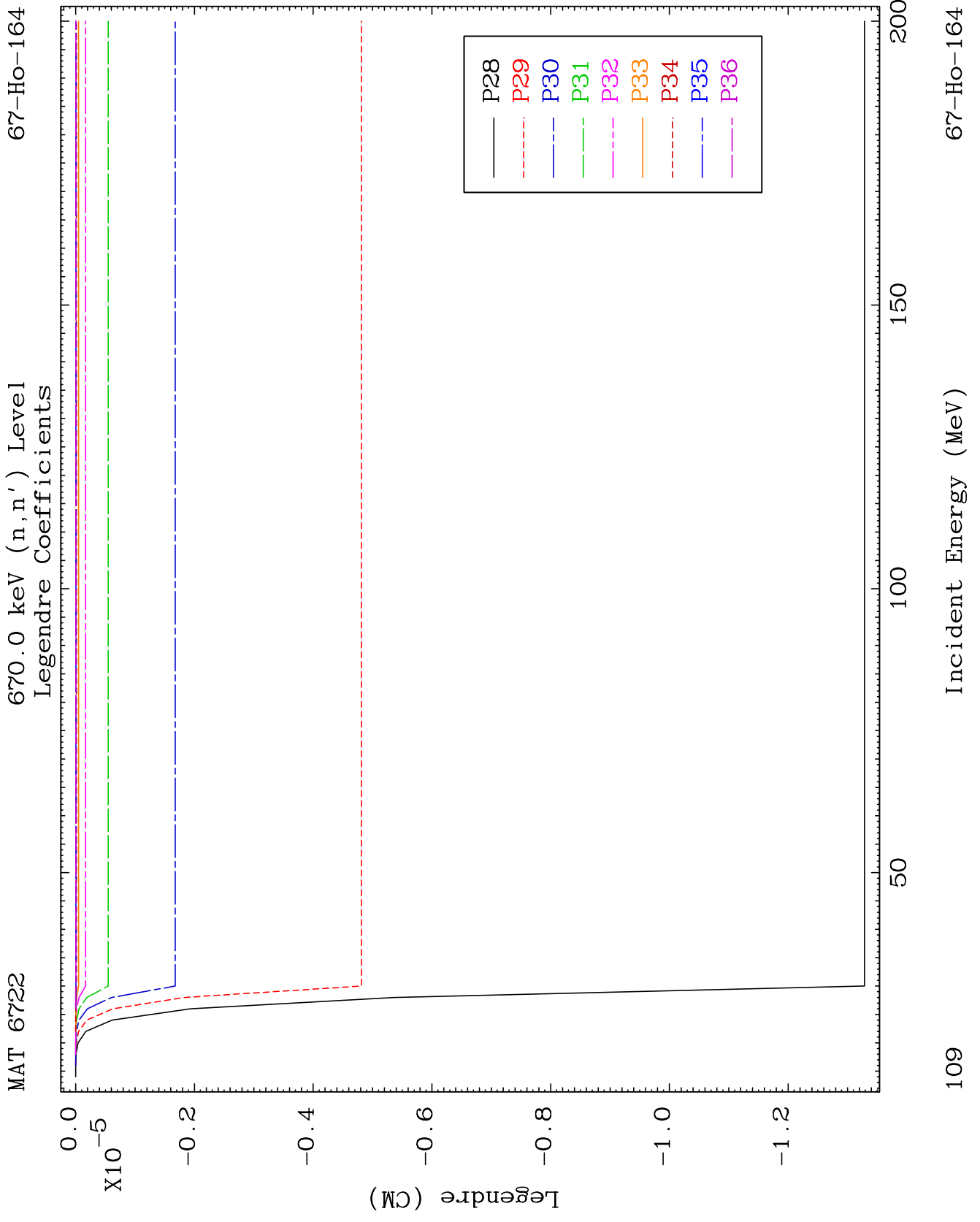


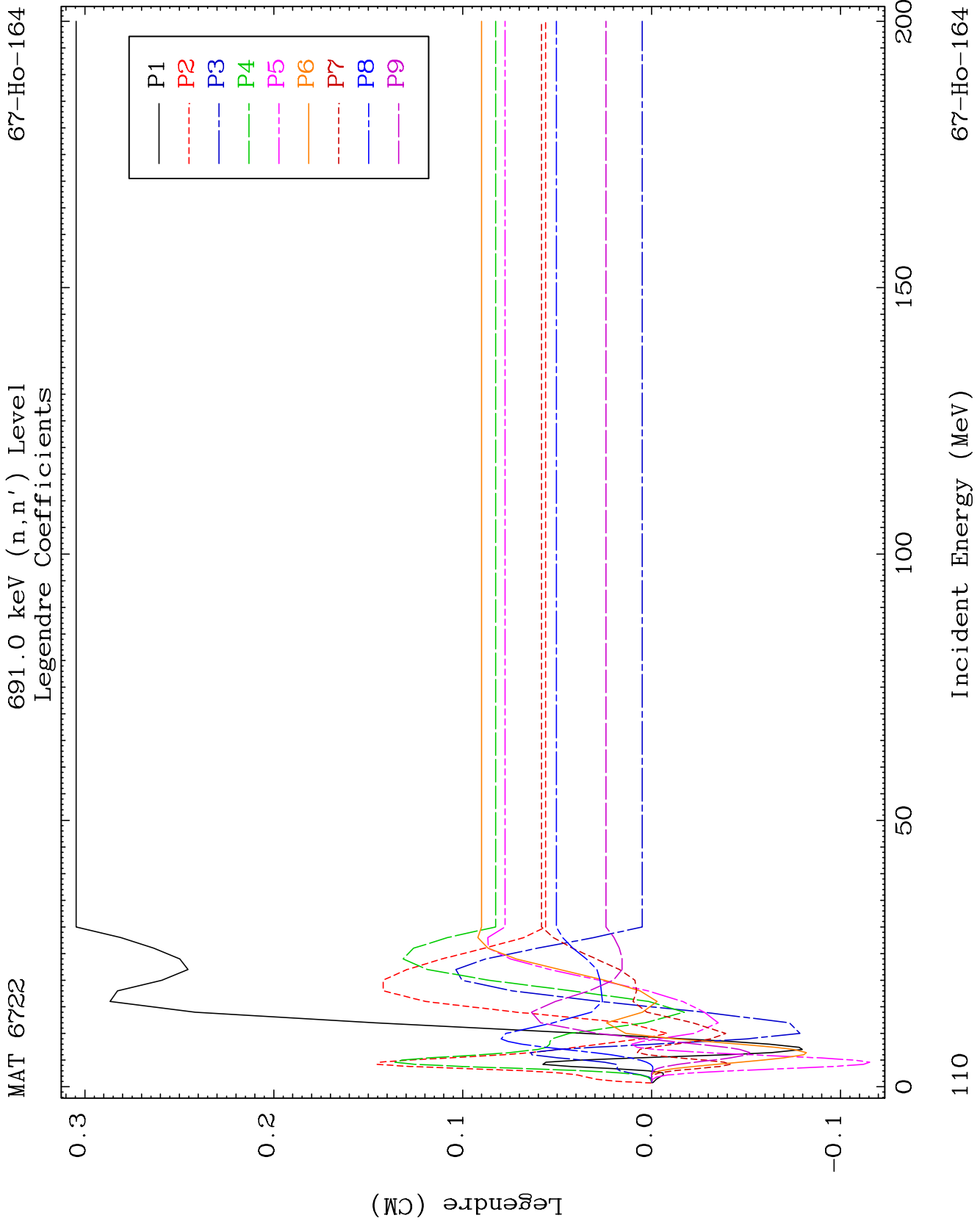
107

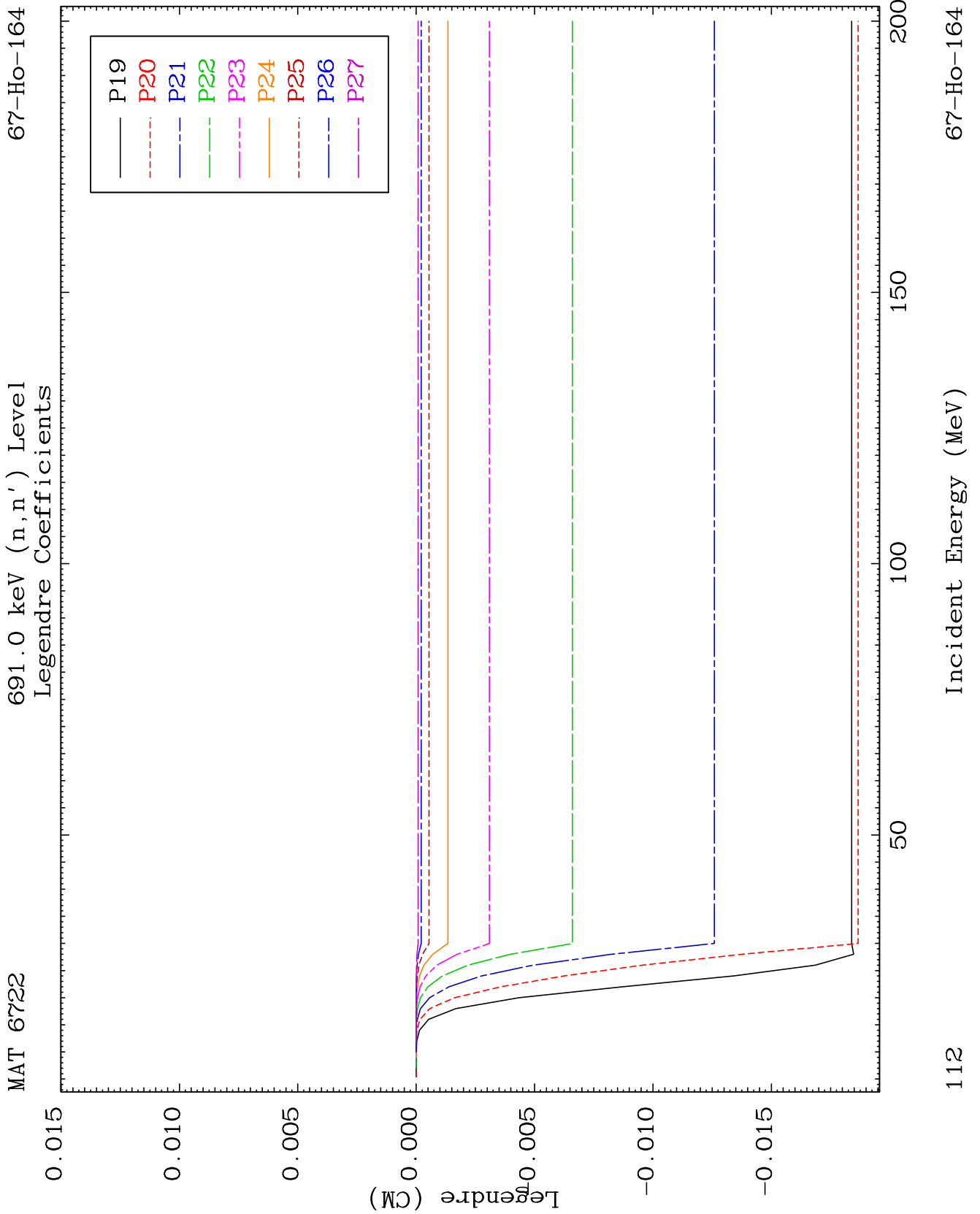
Incident Energy (MeV)

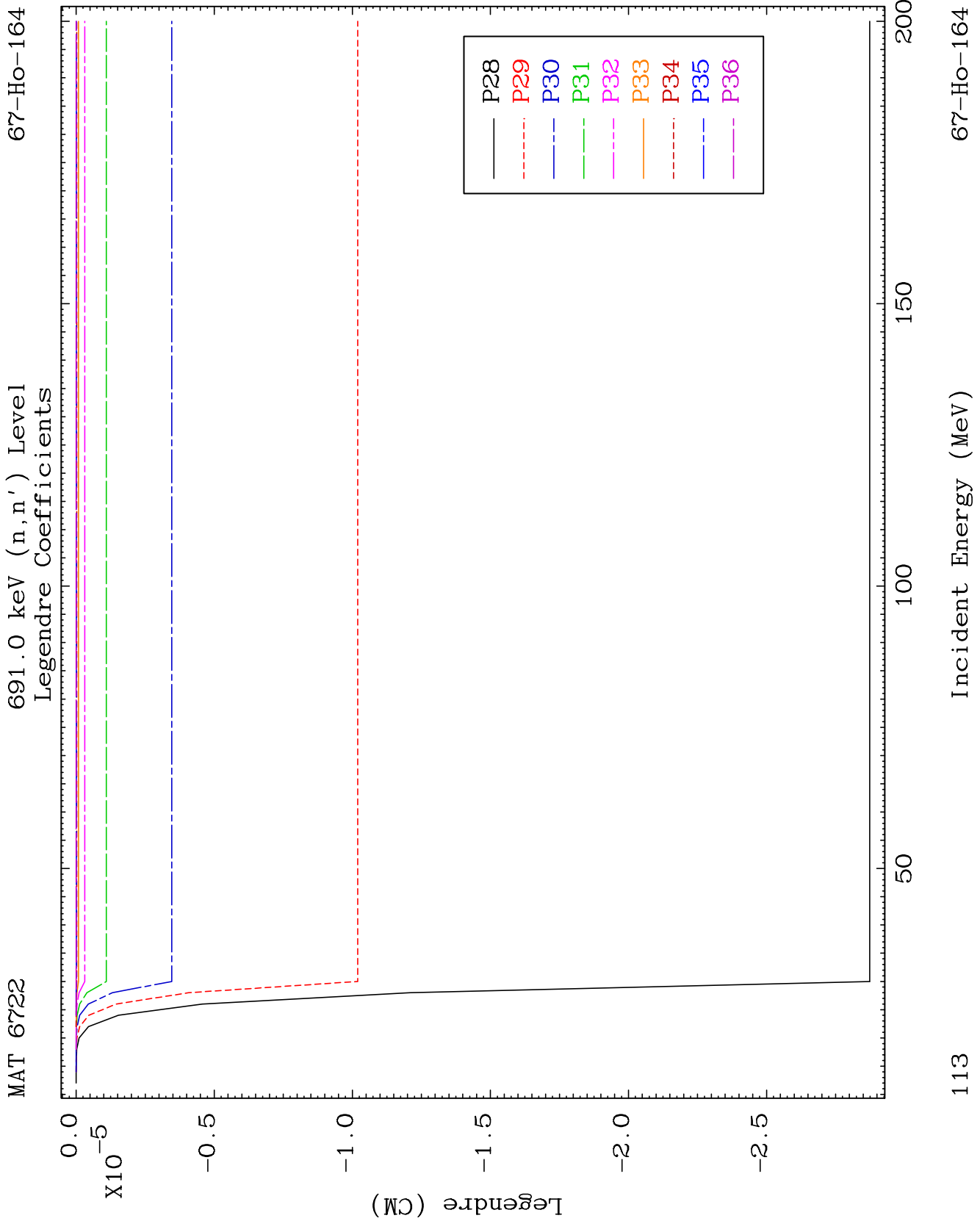
67-Ho-164







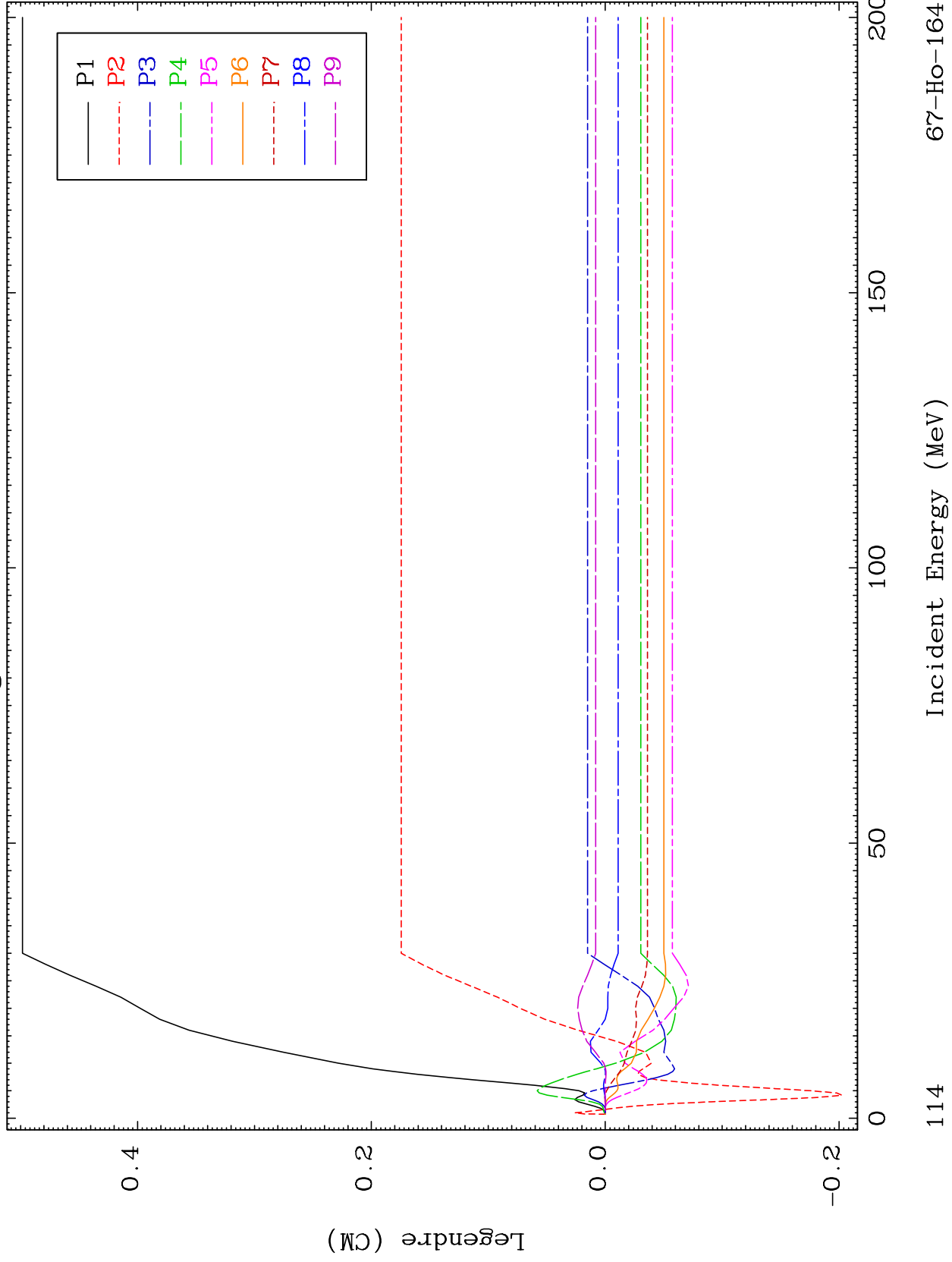




MAT 6722

733.0 keV (n,n') Level
Legendre Coefficients

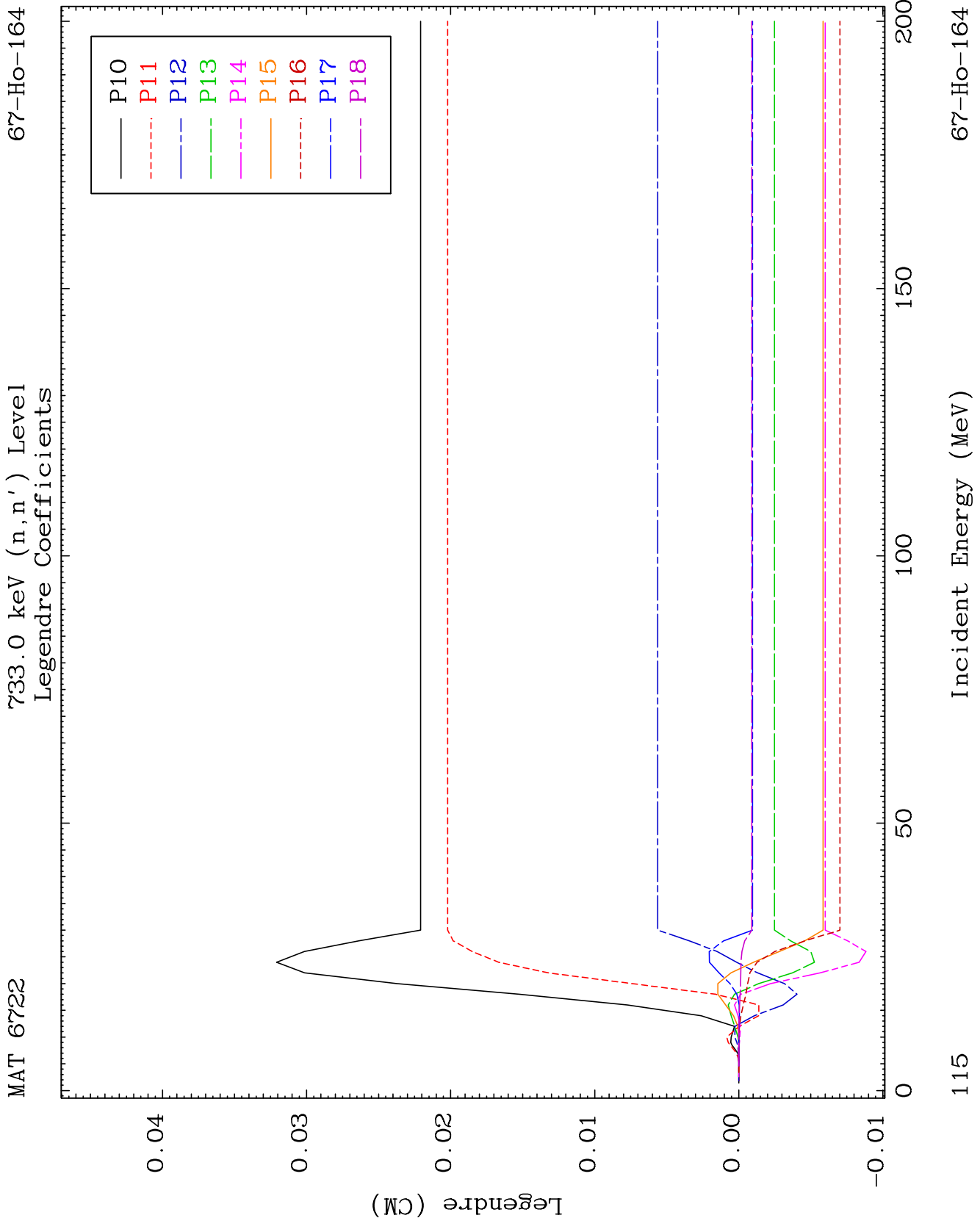
67-Ho-164



67-Ho-164

Incident Energy (MeV)

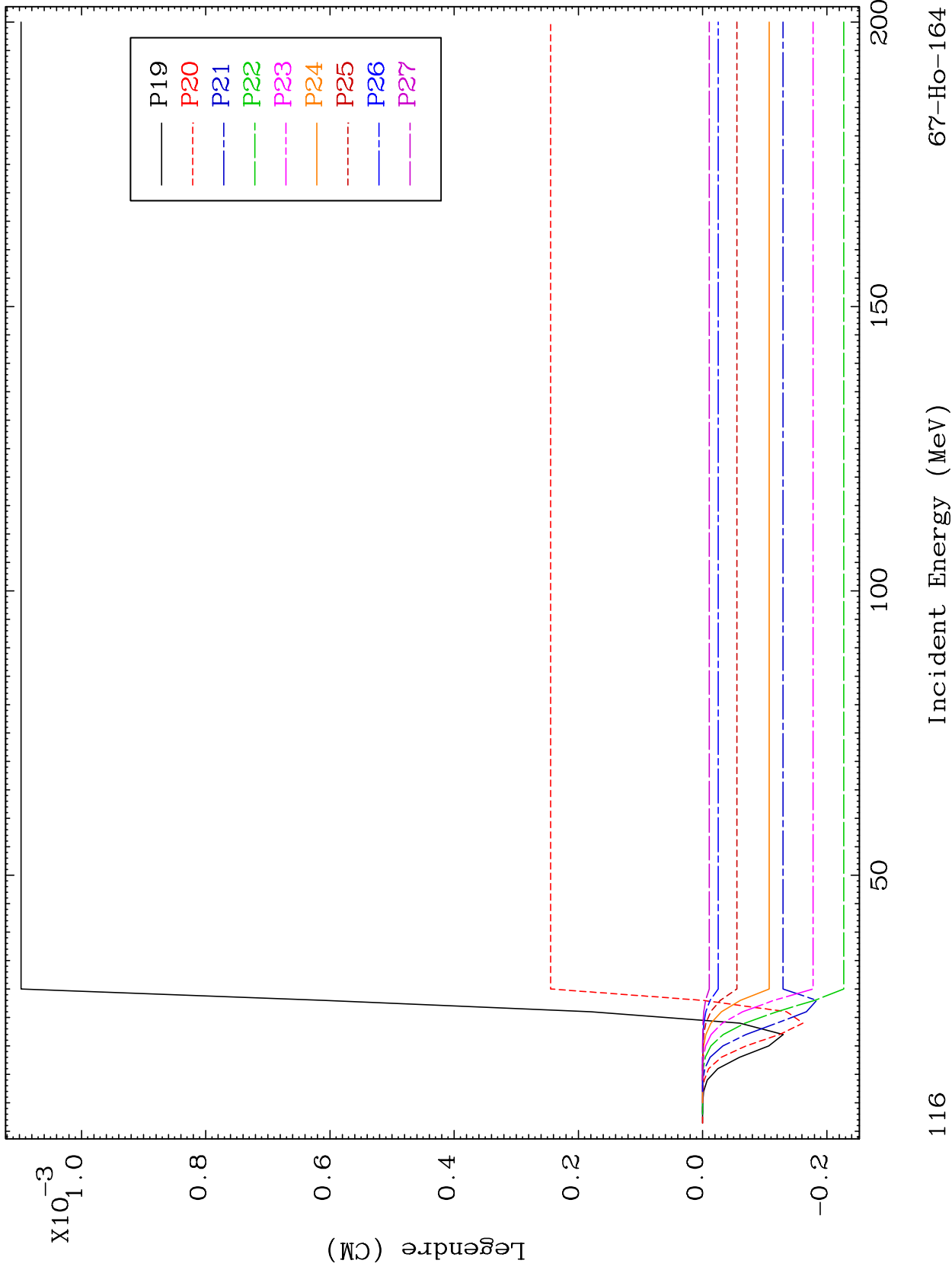
114

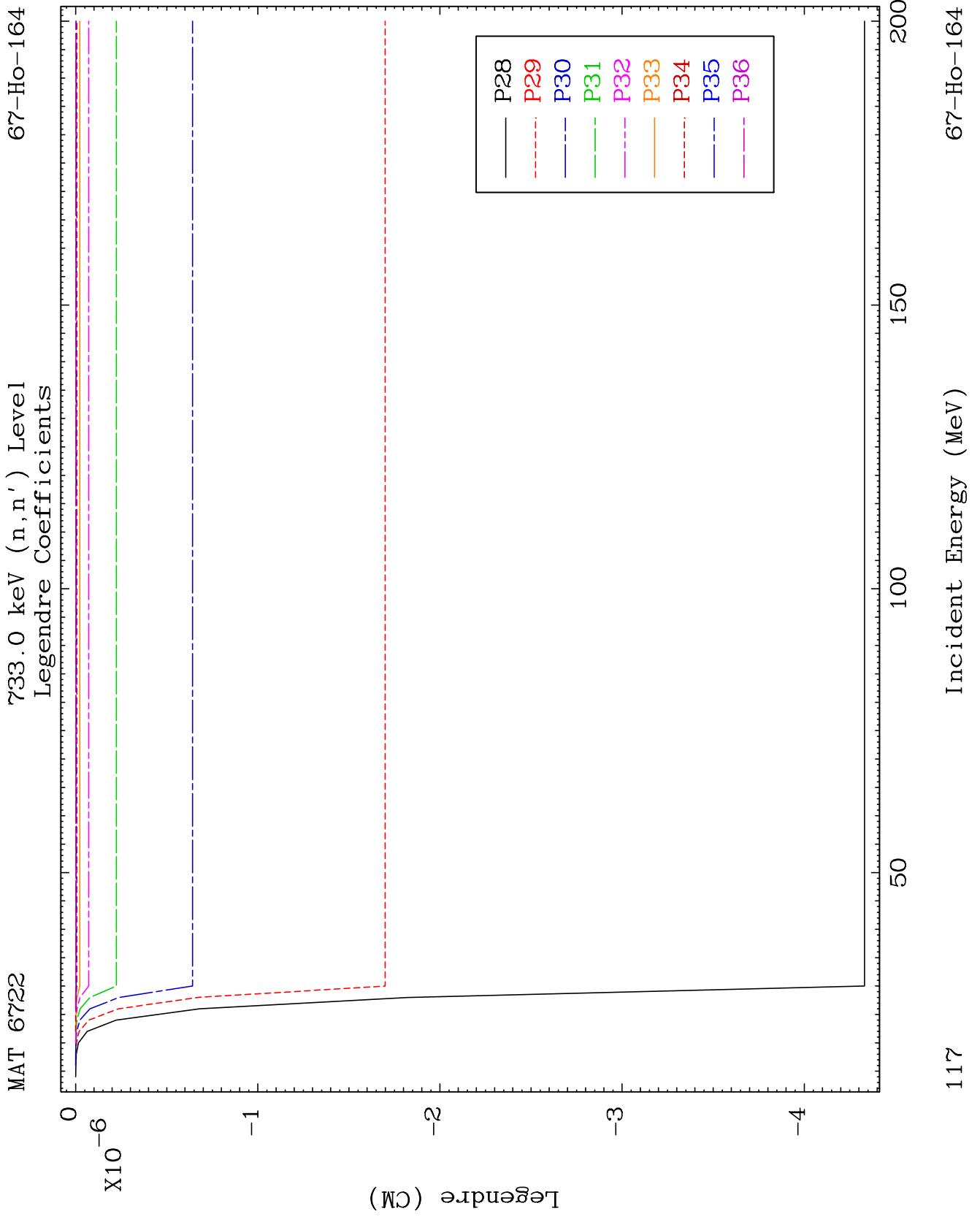


MAT 6722

733.0 keV (n,n') Level
Legendre Coefficients

67-Ho-164

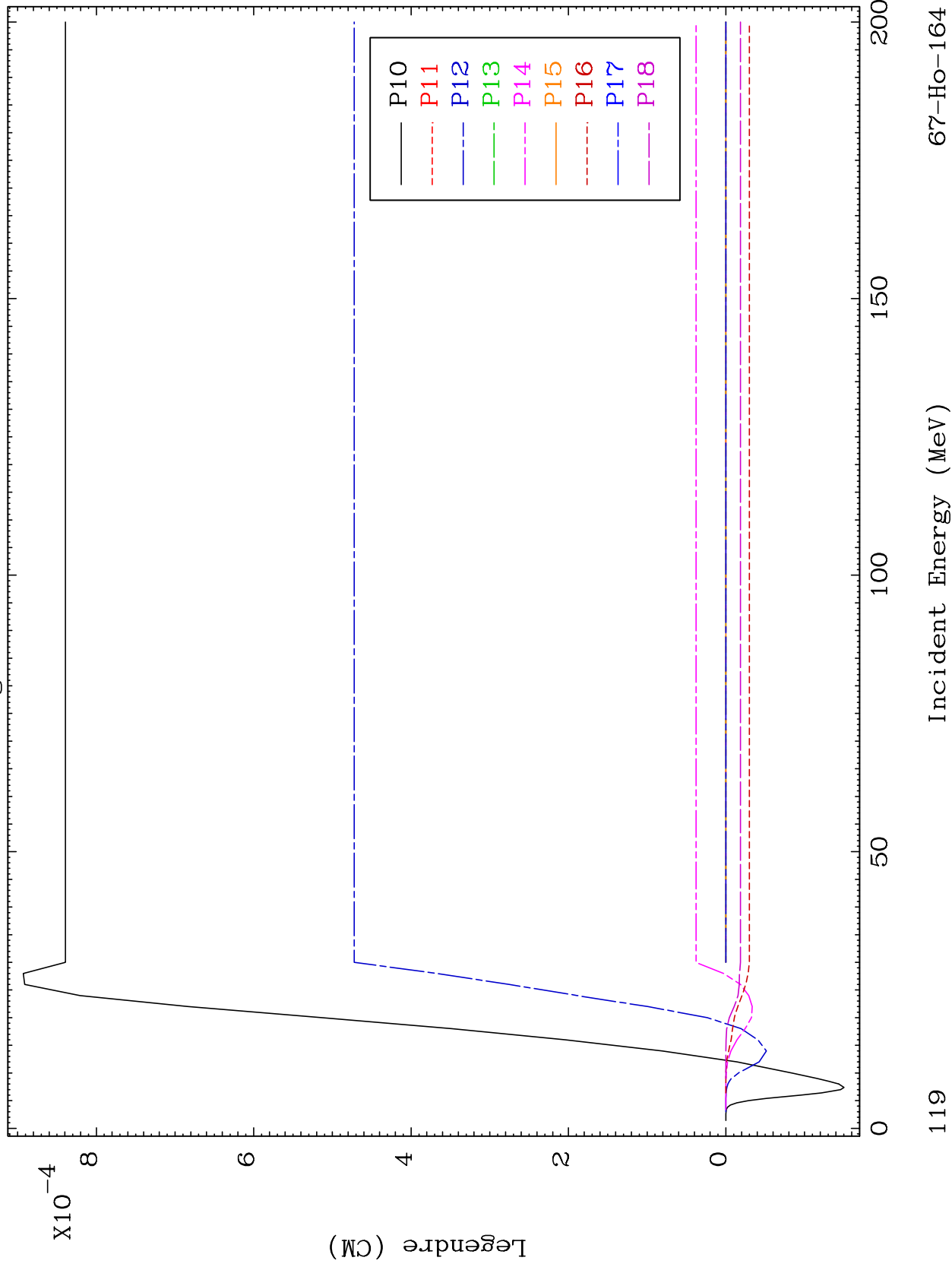




MAT 6722

777.0 keV (n,n') Level
Legendre Coefficients

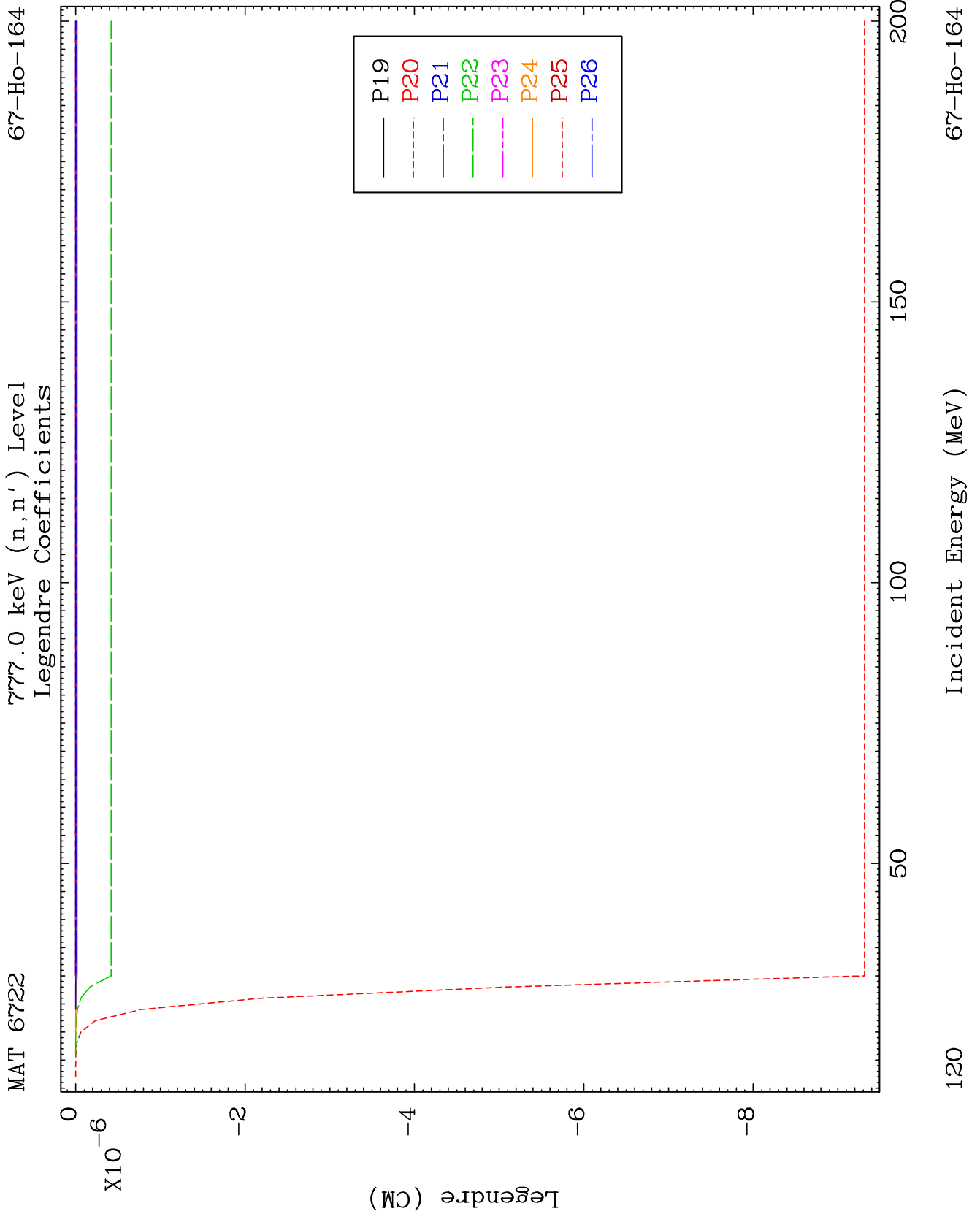
67-Ho-164



67-Ho-164

Incident Energy (MeV)

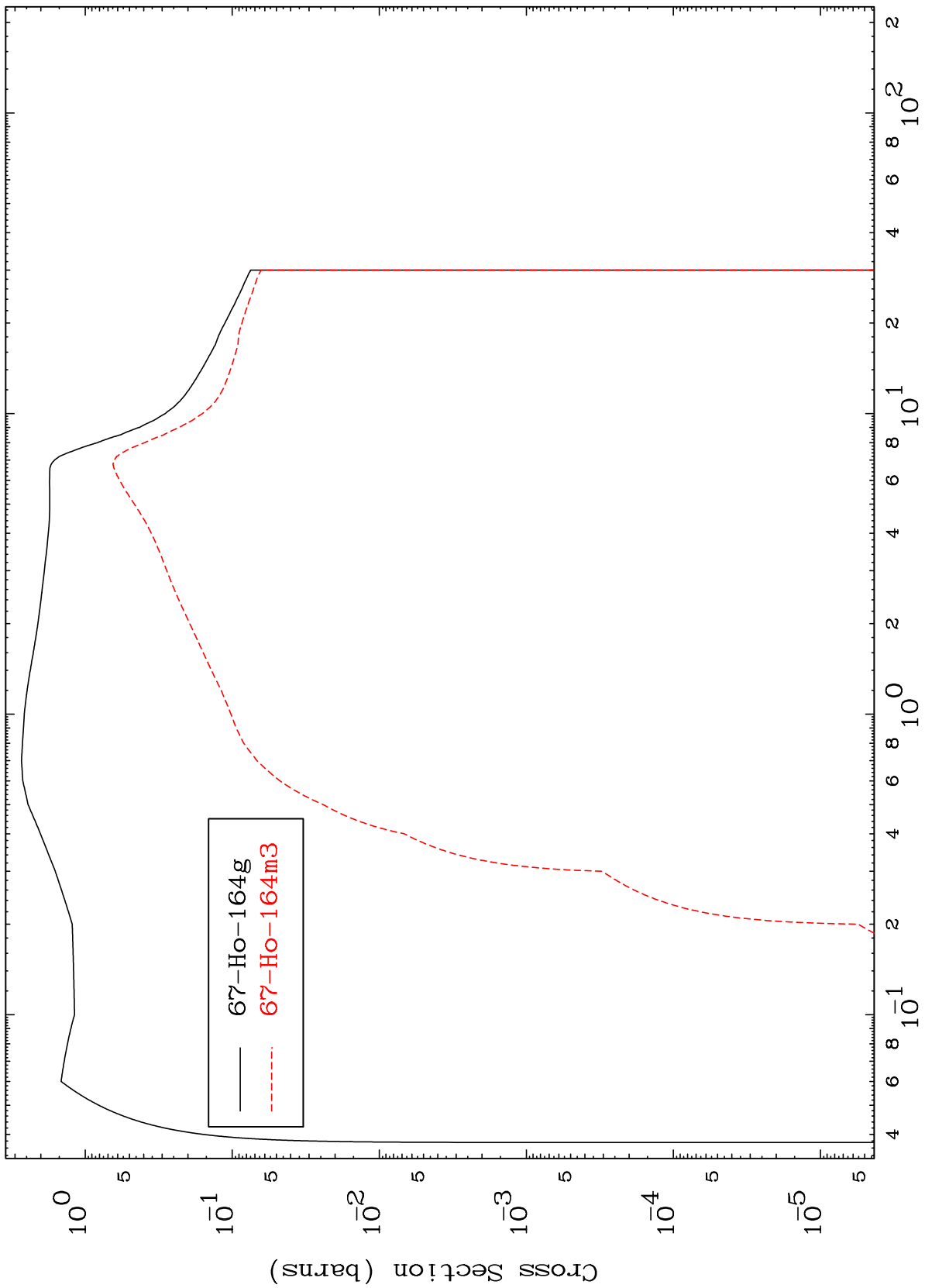
119



MAT 6722

67-Ho-164

Inelastic
Radionuclide Production Cross Section



— 67-Ho-164g
- - - 67-Ho-164m3

67-Ho-164

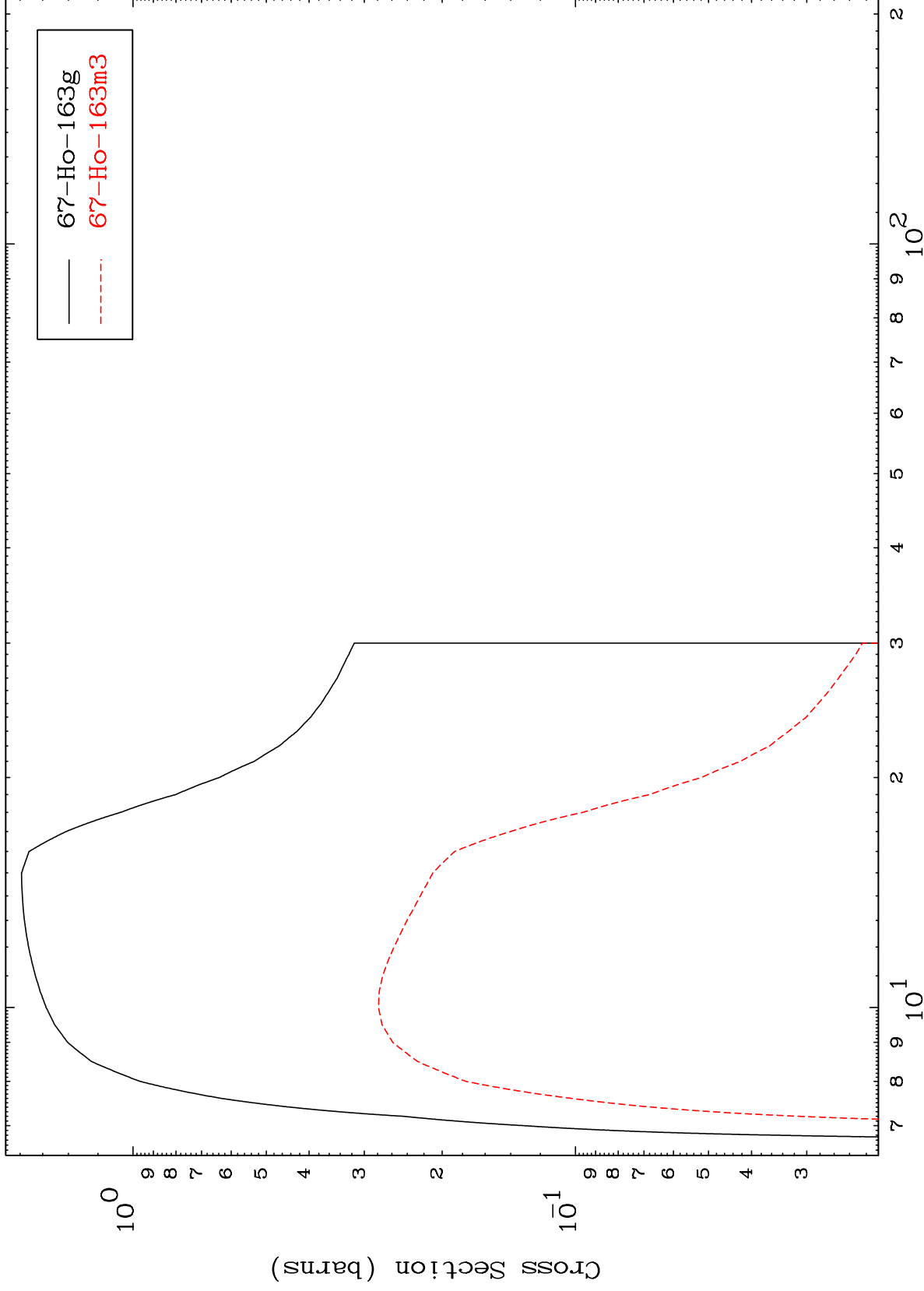
Incident Energy (MeV)

121

MAT 6722

67-Ho-164

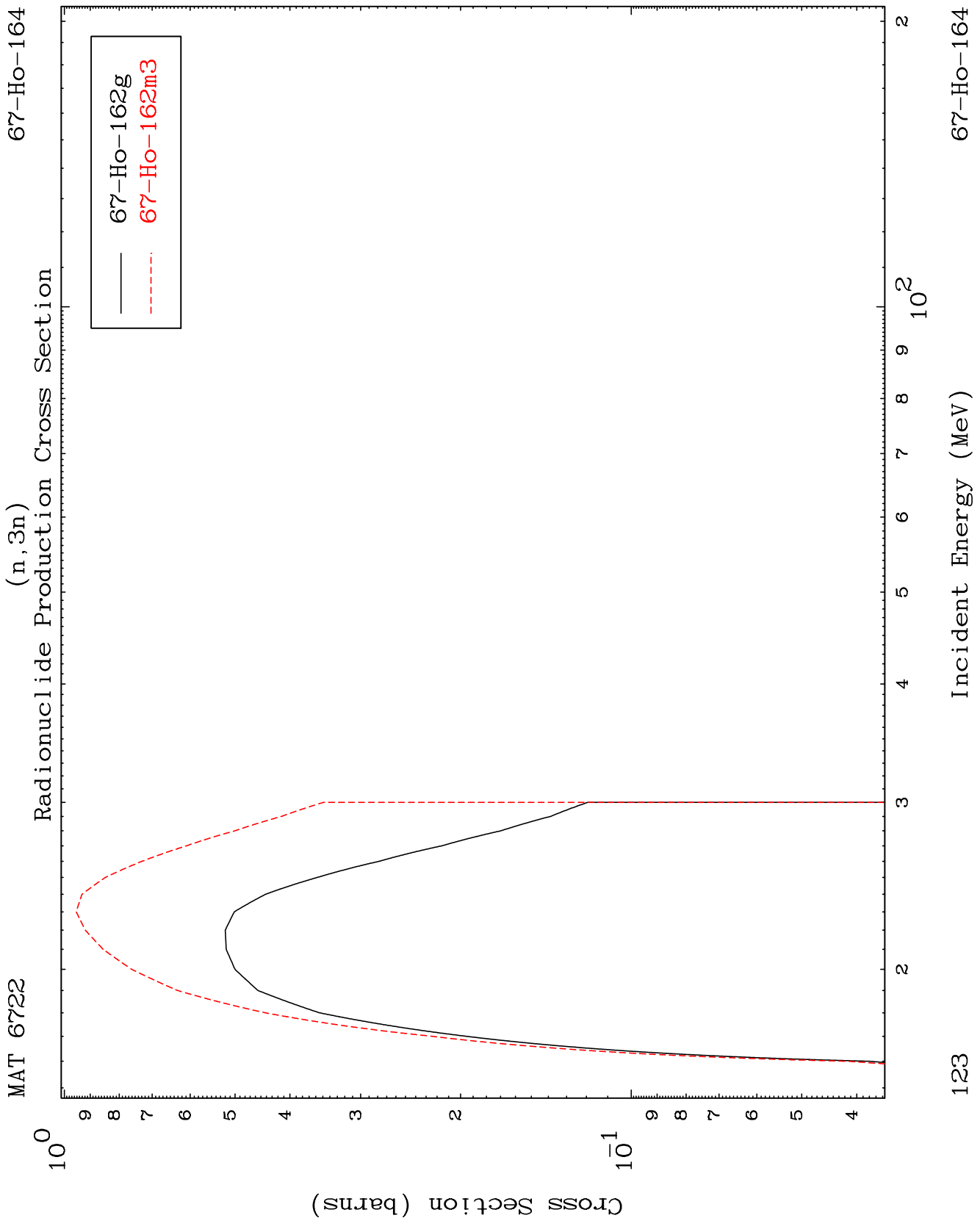
(n,2n)
Radionuclide Production Cross Section



67-Ho-164

Incident Energy (MeV)

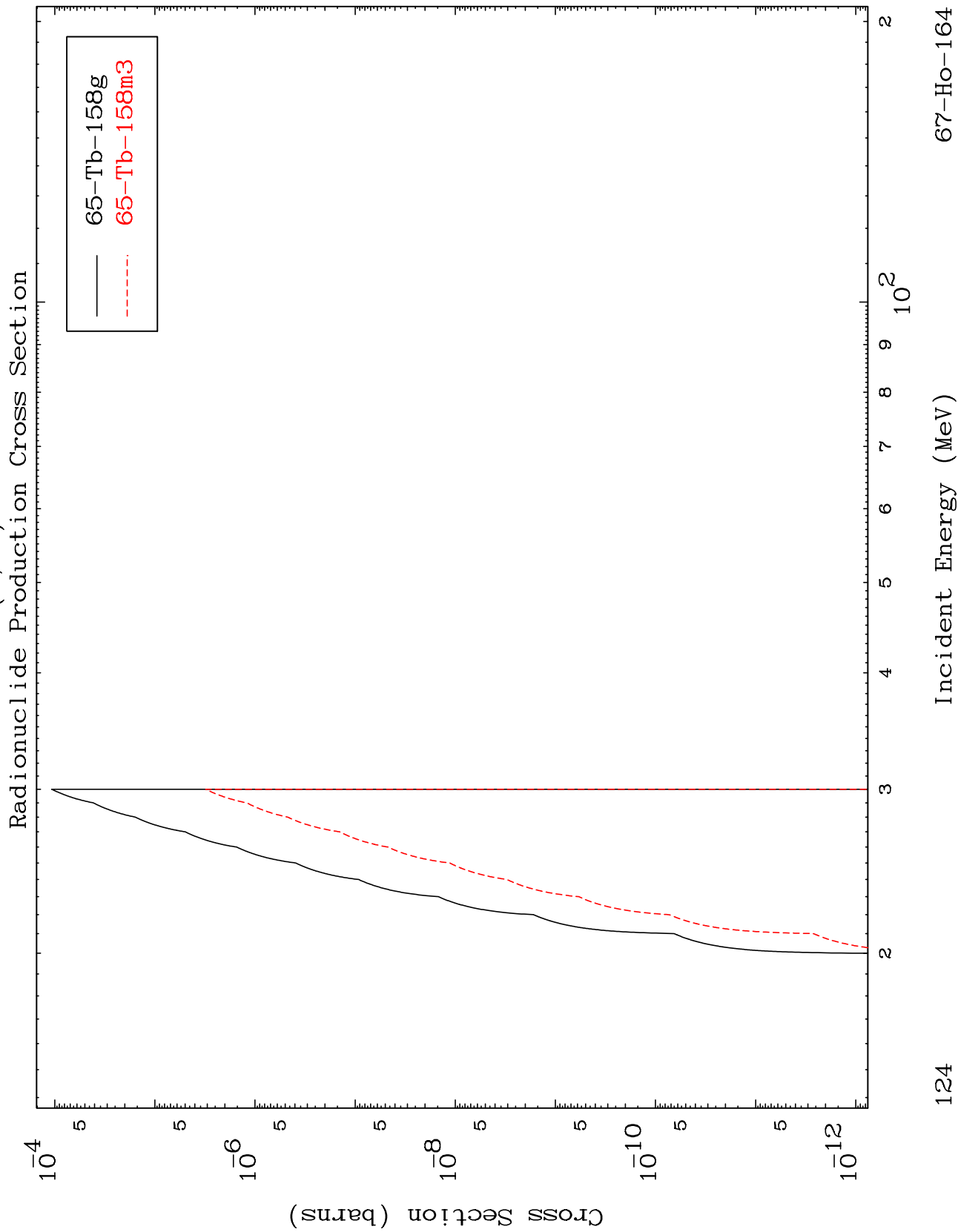
122



MAT 6722

(n,3n) α

67-Ho-164



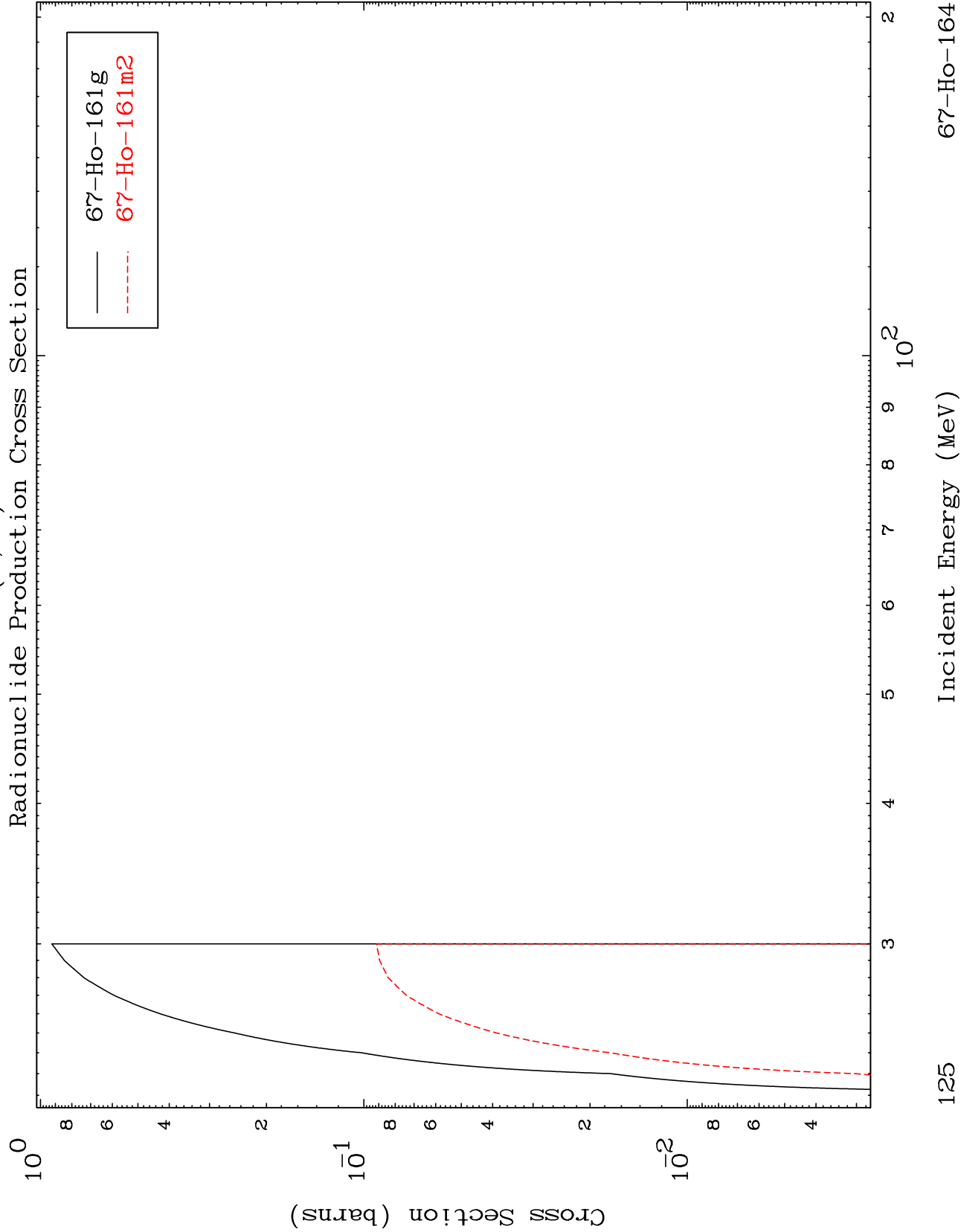
124

67-Ho-164

MAT 6722

(n,4n)

67-Ho-164



125

67-Ho-164