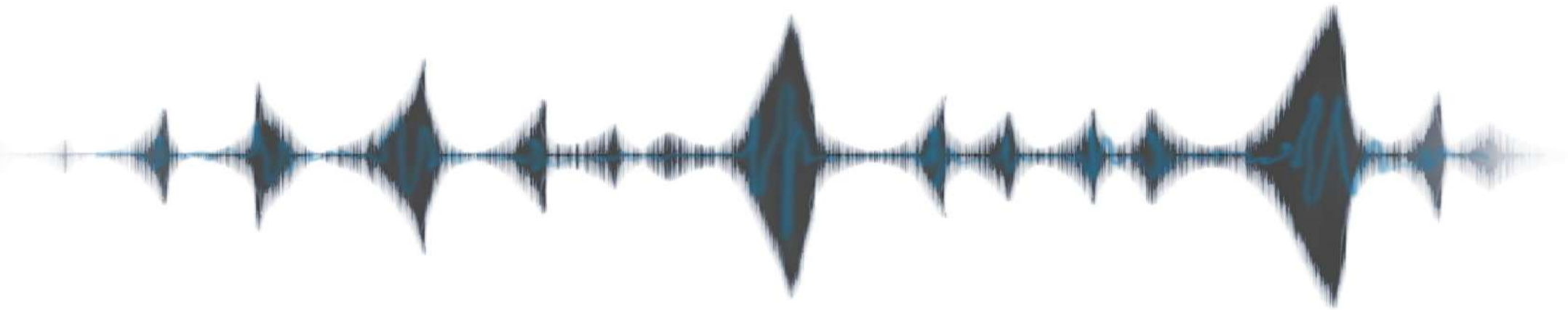
Soňa Vetchá

"Palette of frequencies" (*inspired by auditory illusions)*

(2018-2019)



note:

a) 1 percussion player alternates: *Gong / Bass drum / Tam-Tam / Crotales*

b) *organ*: throughout the piece use only the flute register *Gedackt 8'plus Flöte 4'* (for the most accurate imitation of the sinusoid tone color)

c) chosen acoustic instruments in this composition have thanks to their spectral apsects and time-frequency course of the tone a generally significant tendency to support the speed and endourance of sound deceptions and acoustic illusions chosen within the composition

synchronization:

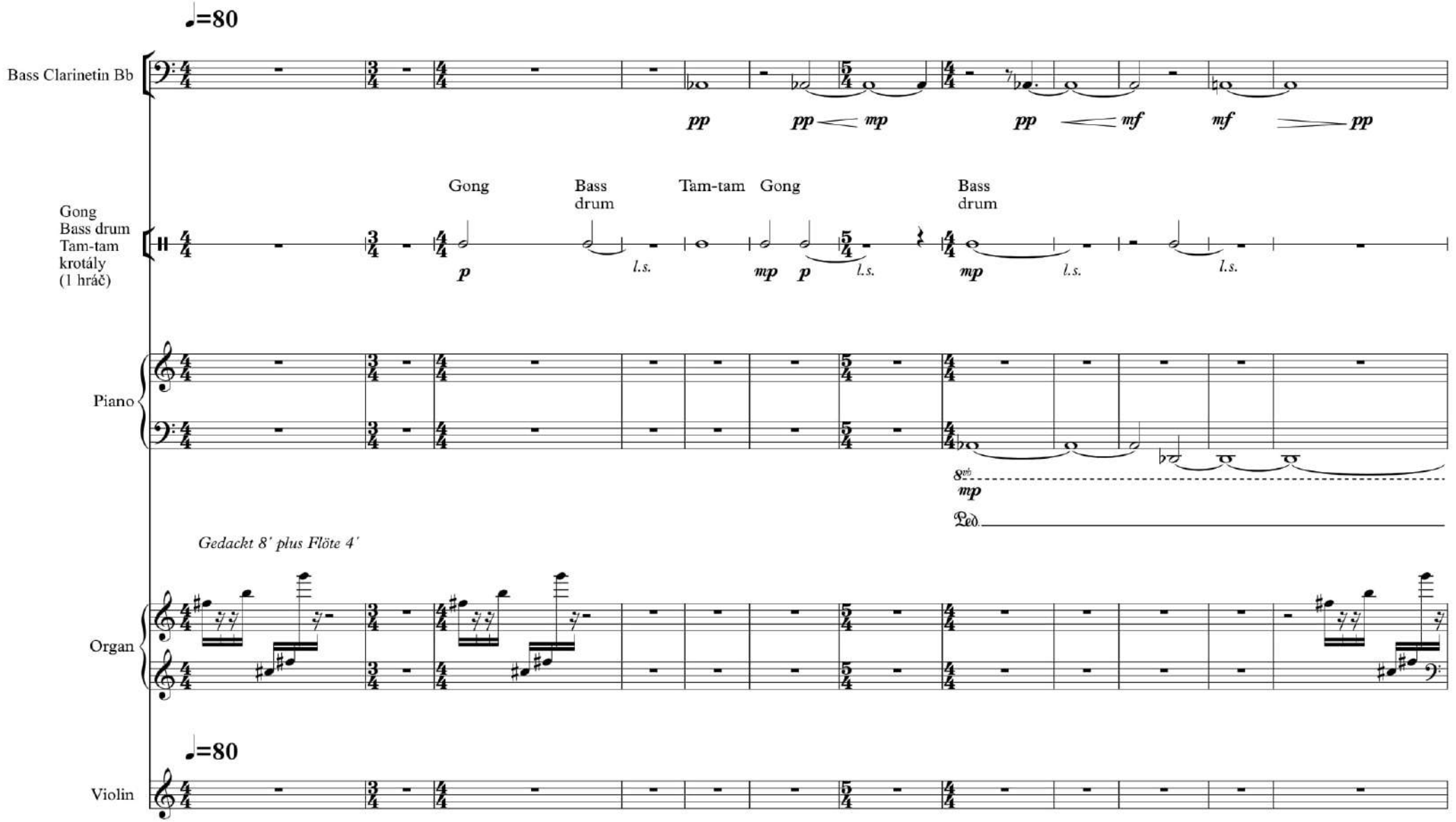
d) players should observe the rhythmical, dynamic, and temporal apsects as accurately as possible, so that the auditory illusions work properly and participate in the unpredictable evaluation of subjective perception (shapes, tones, rhythm-melodic fragments or changing perception of time proportions).

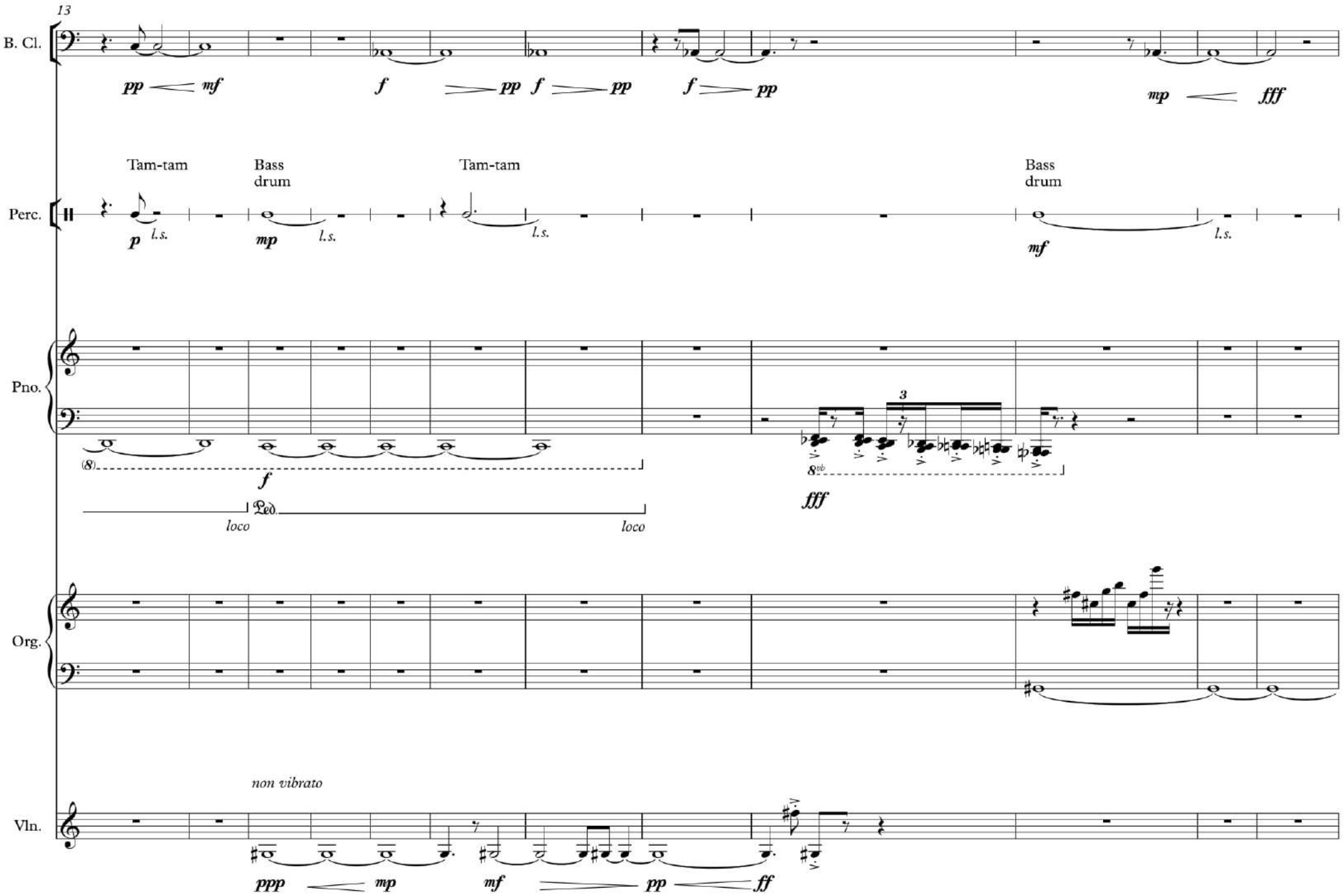
Instrumentation:

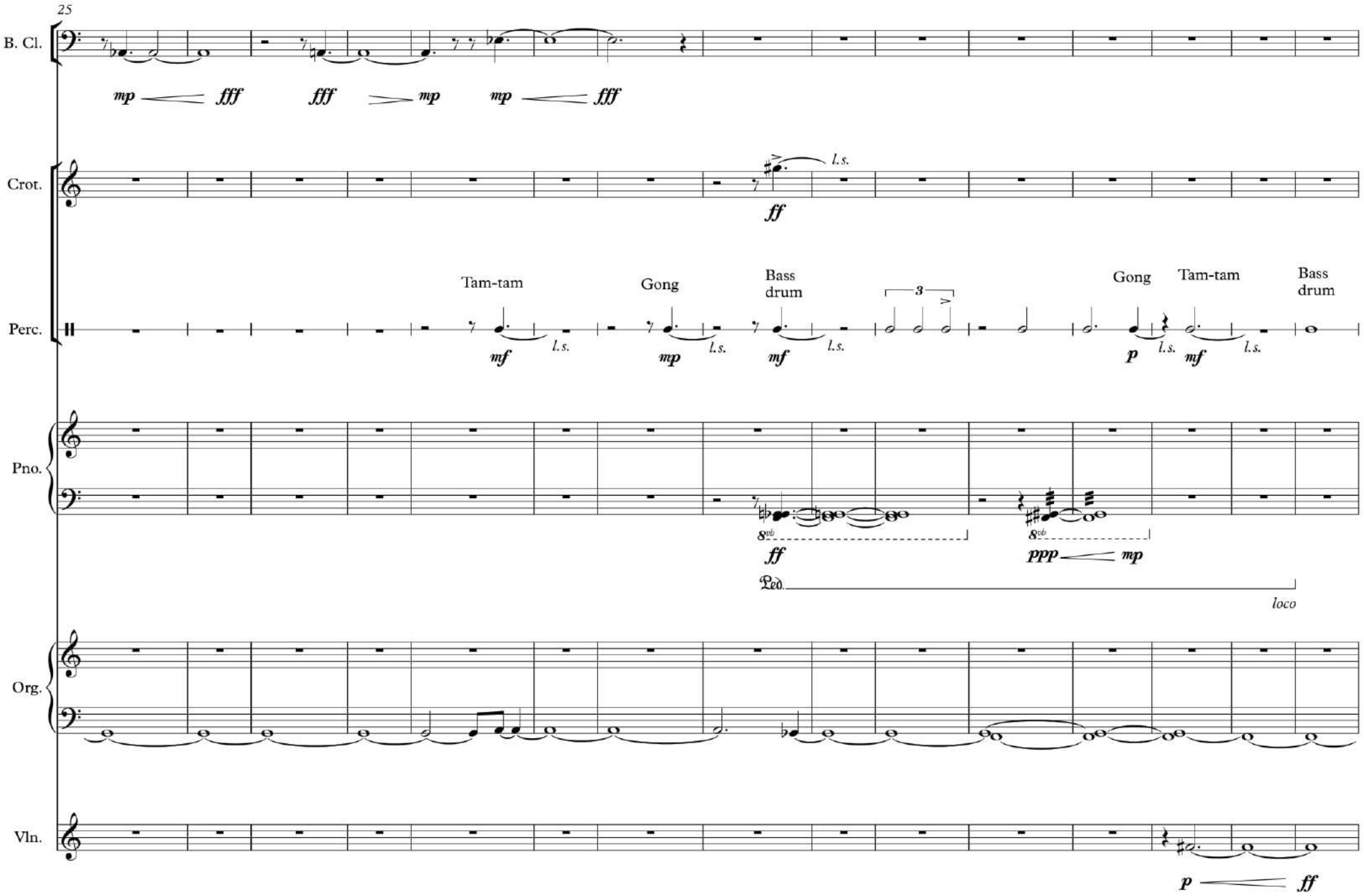
bass clarinet (1), percussions (4), piano (1), organ (1) and violin (1)

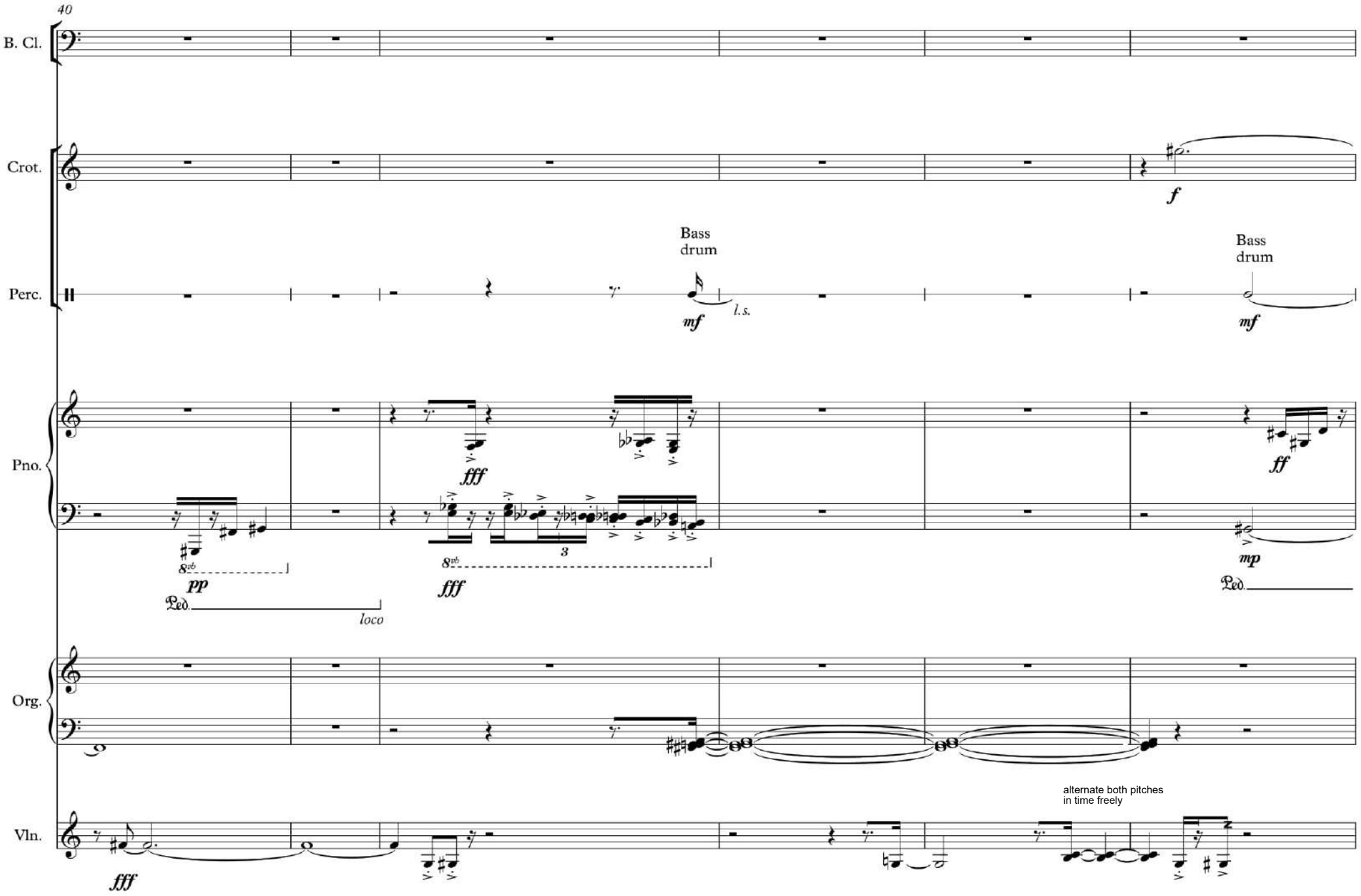
"Paleta frekvencí"

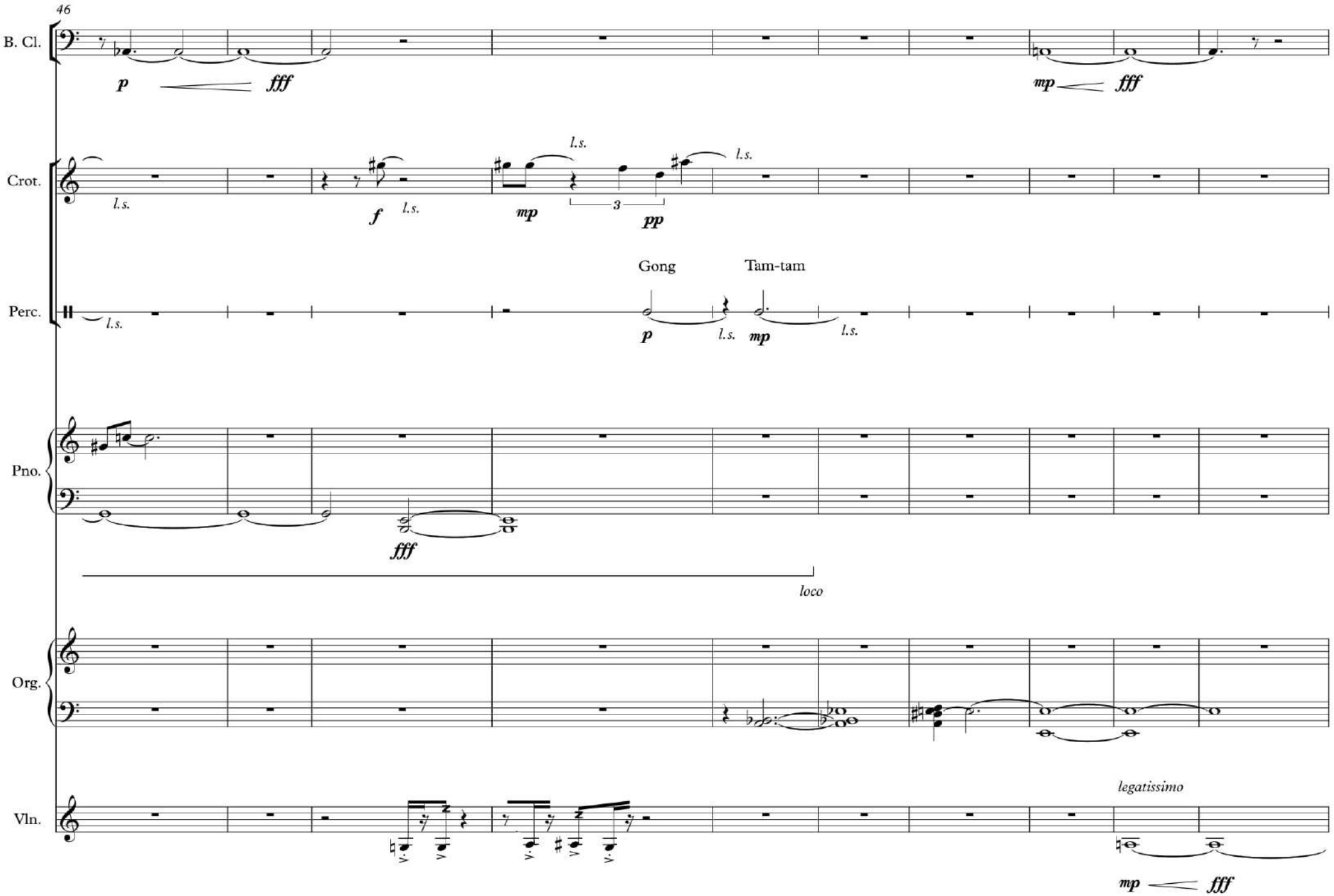
Soňa Vetchá

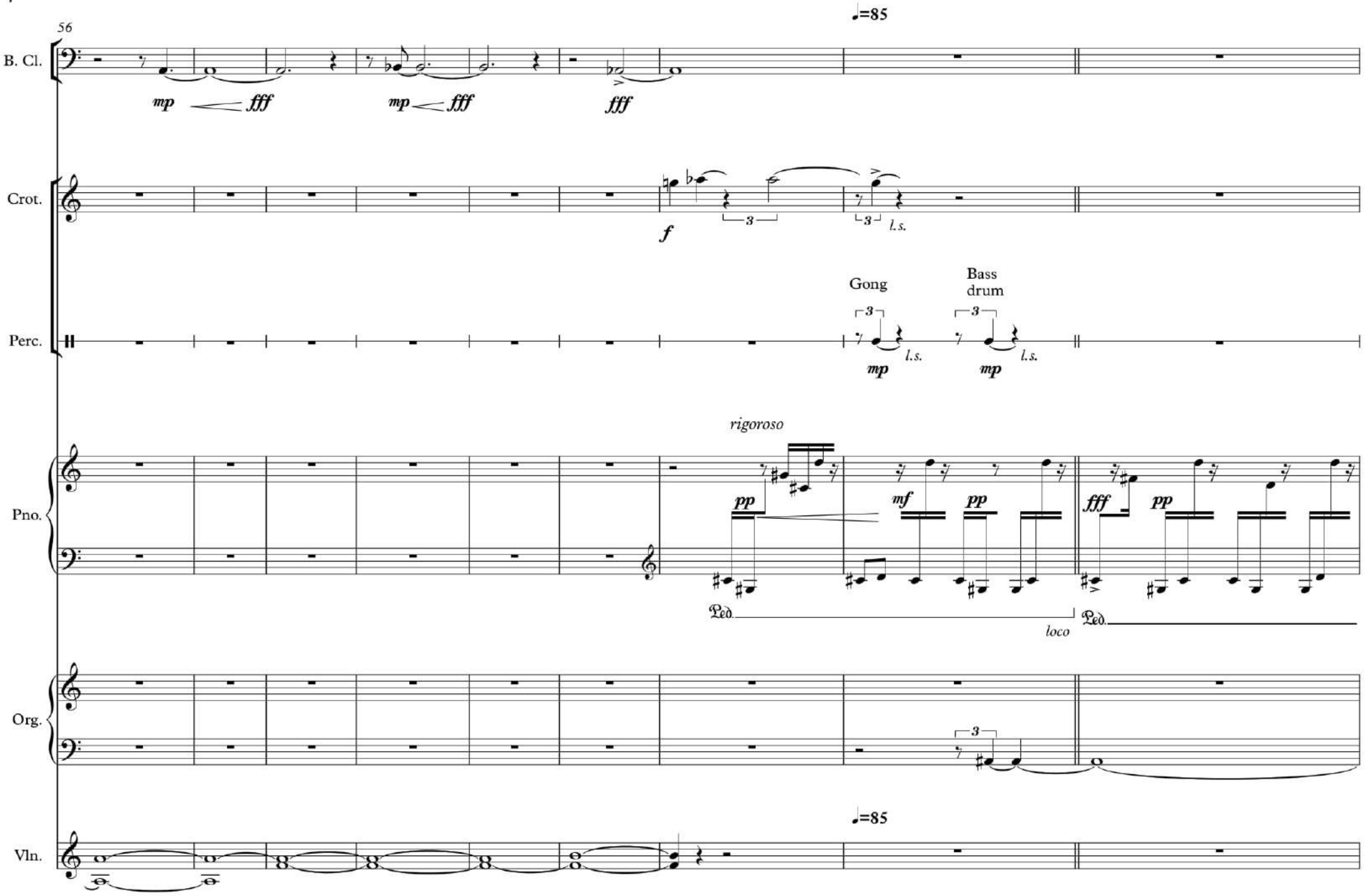


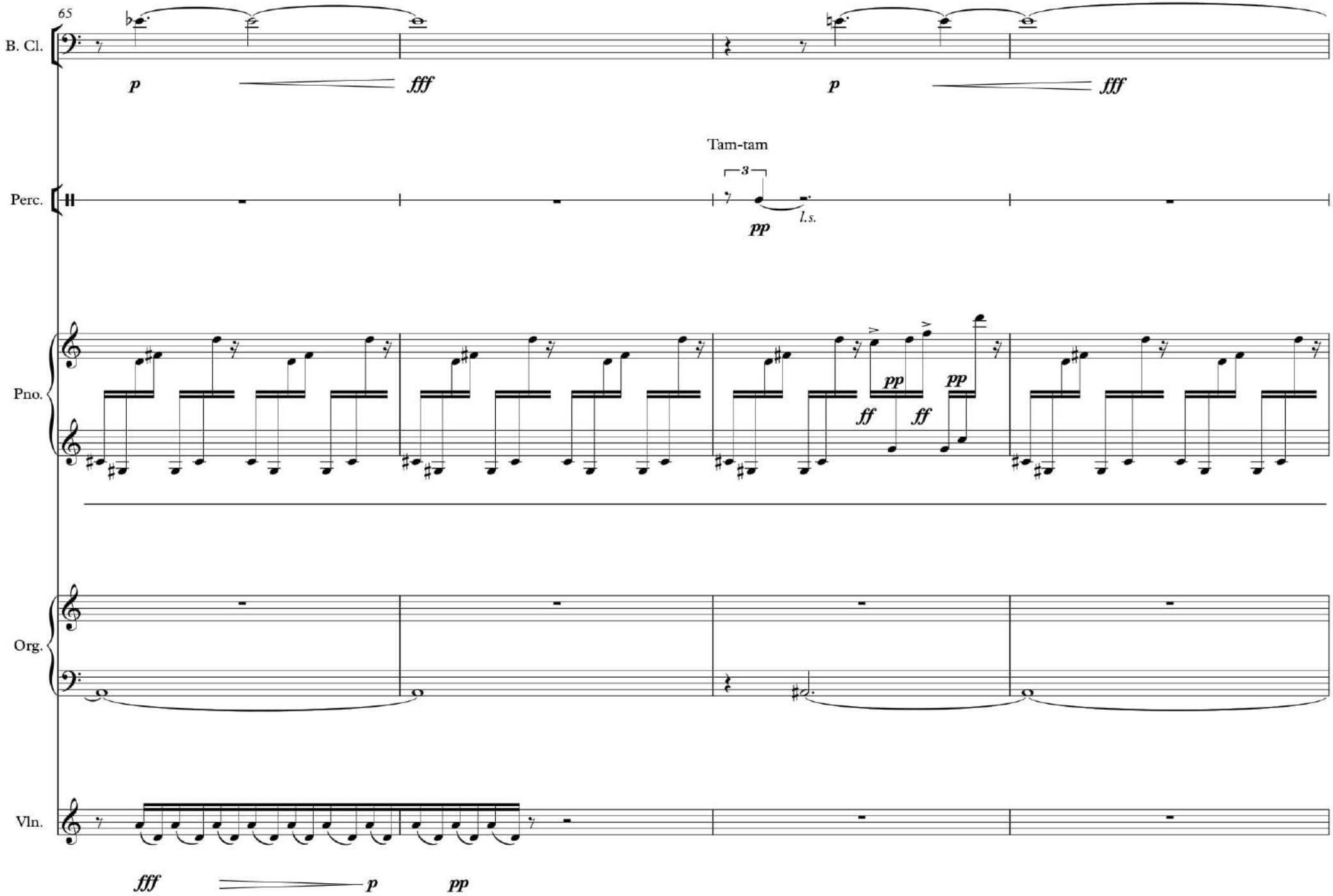

13
B. Cl.
pp mf
f
pp f pp
f pp
mp fff
Tam-tam
Bass drum
Tam-tam
Bass drum
Perc.
p l.s.
mp l.s.
l.s.
mf
l.s.
Pno.
(8)
f
Ped.
loco
loco
3
8vb
fff
Org.
Vln.
non vibrato
ppp mp
mf
pp ff

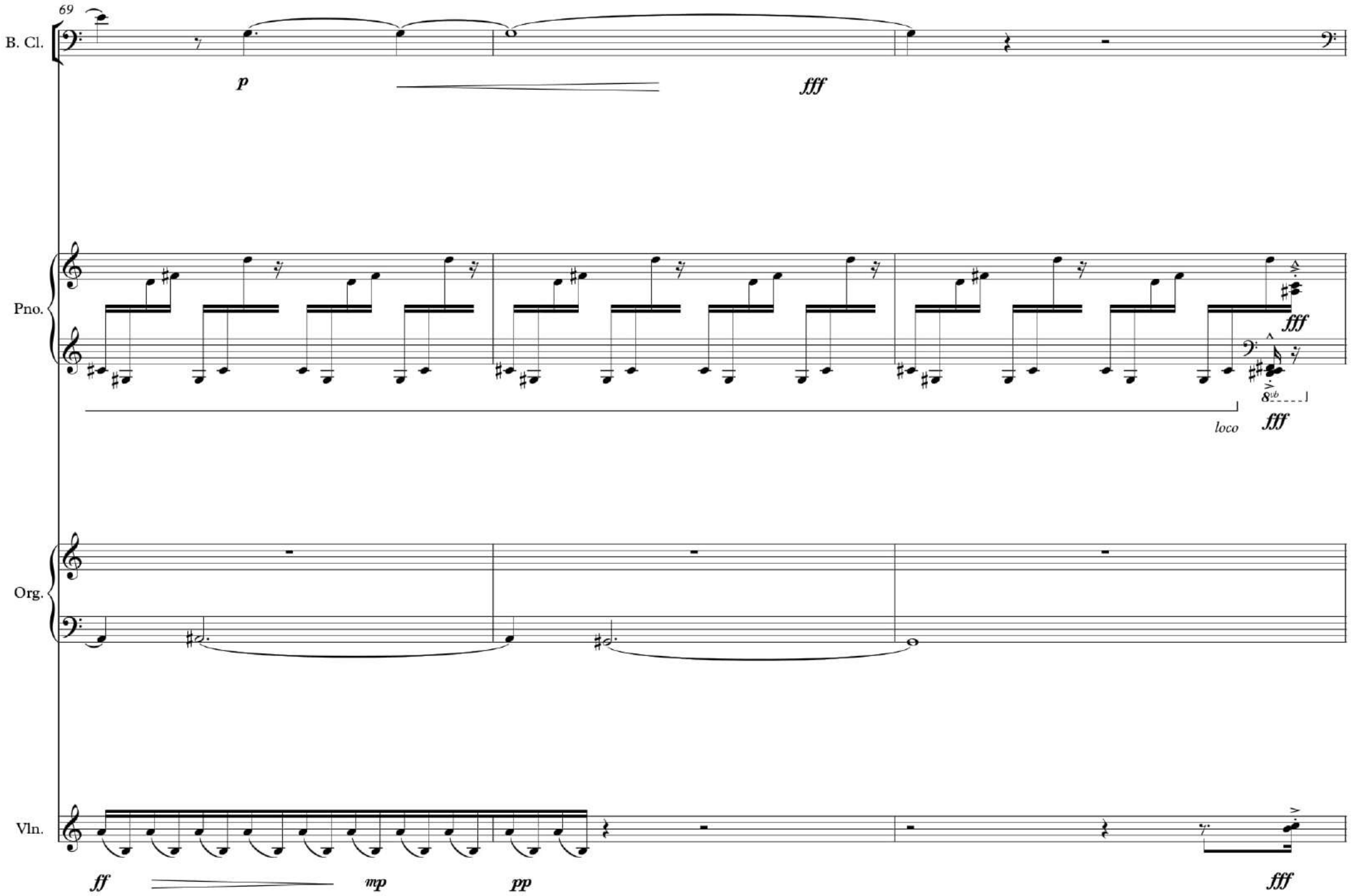

25
B. Cl.
mp fff
fff mp
mp fff
Crot.
l.s.
ff
Perc.
Tam-tam
Gong
Bass drum
3
Gong
Tam-tam
Bass drum
mf l.s.
mp l.s.
mf l.s.
p l.s.
mf l.s.
Pno.
8vb
ff
8vb
ppp mp
Ped.
loco
Org.
Vln.
p ff

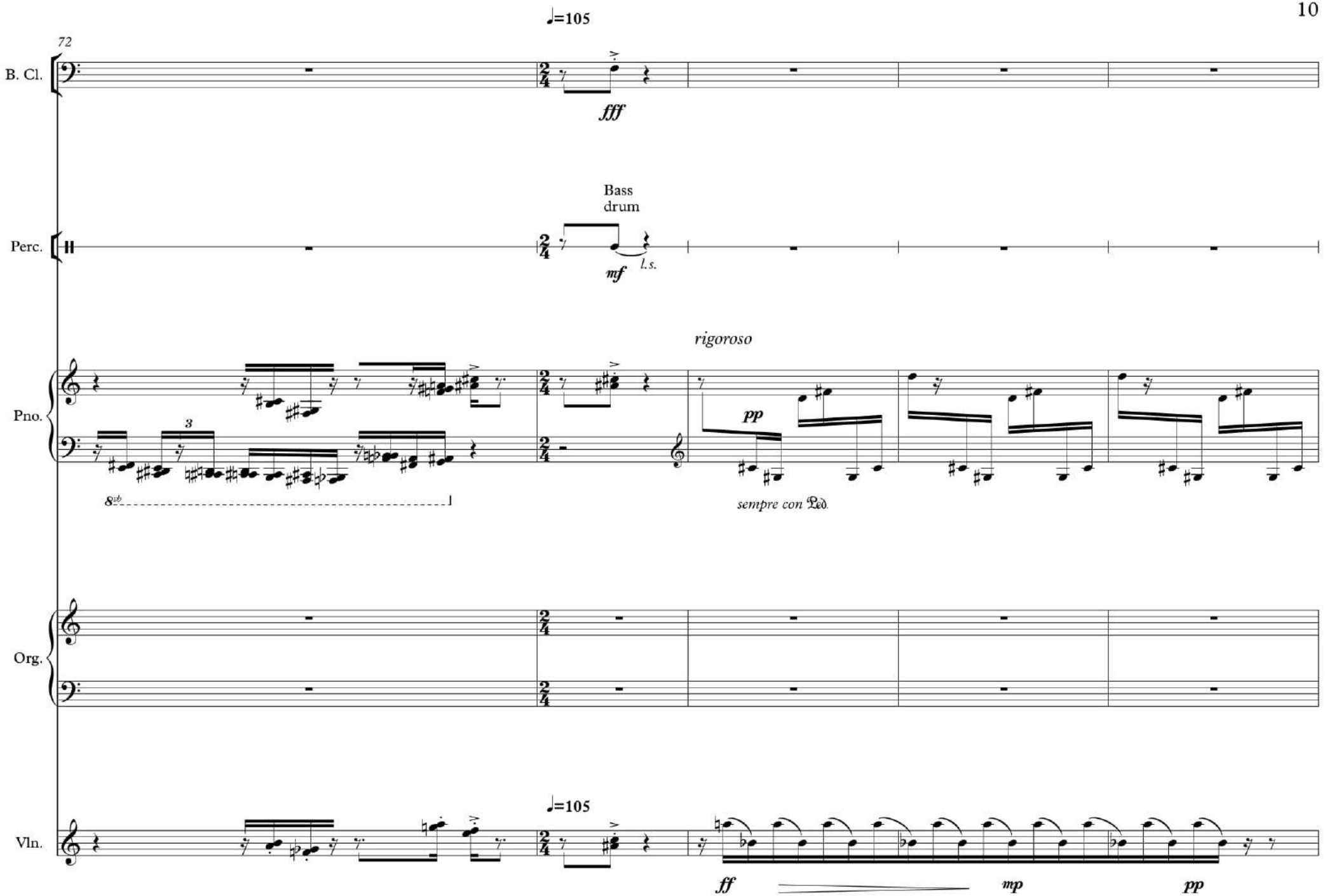

40
B. Cl.
Crot.
f
Perc.
Bass drum
mf
l.s.
Bass drum
mf
Pno.
fff
ff
8vb
pp
Ped.
loco
8vb
fff
3
mp
Ped.
Org.
Vln.
fff
alternate both pitches in time freely

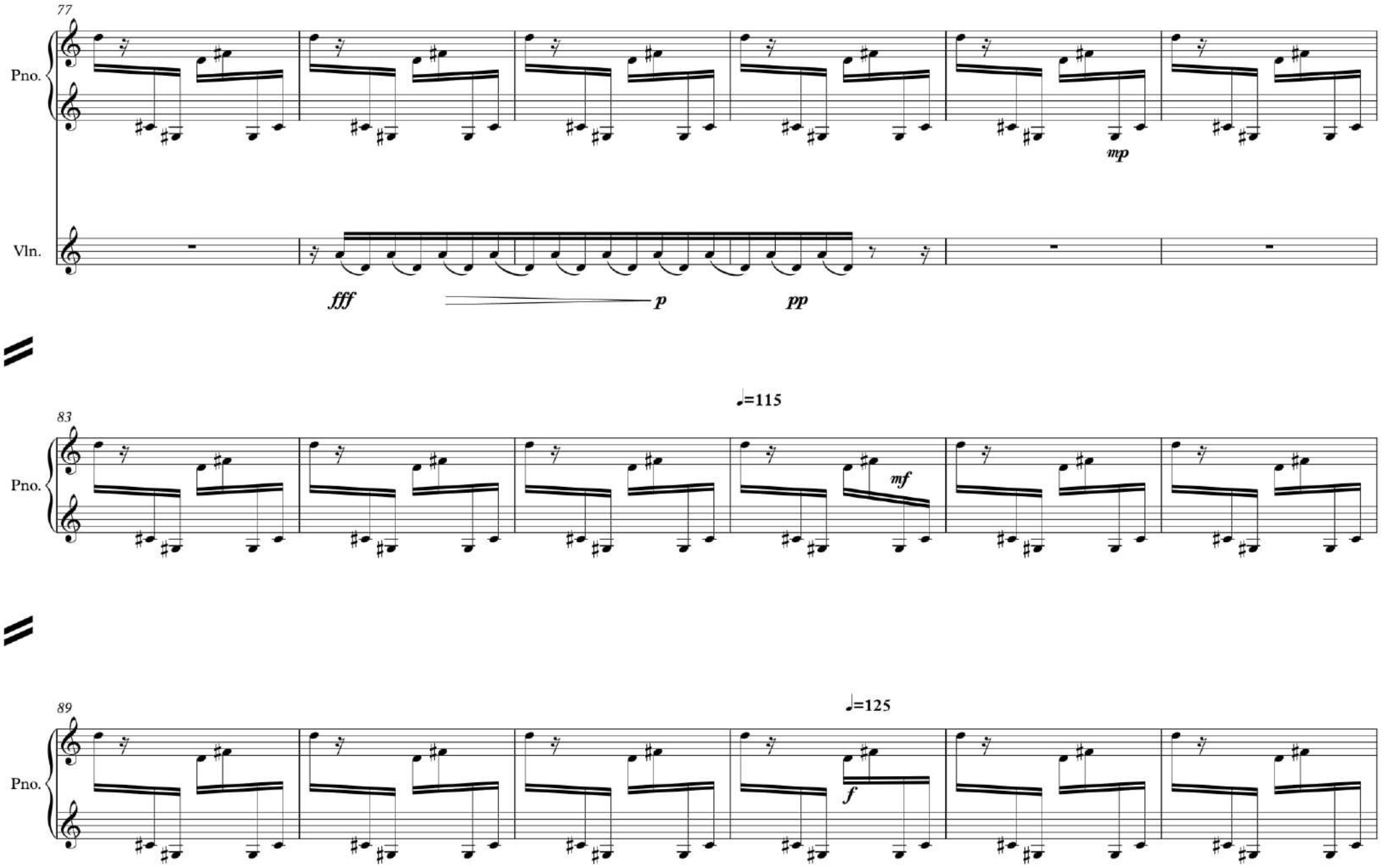

46
B. Cl.
p
fff
mp
fff
Crot.
l.s.
f
l.s.
mp
3
pp
l.s.
l.s.
Gong
Tam-tam
Perc.
l.s.
p
l.s.
mp
l.s.
Pno.
fff
loco
Org.
Vln.
legatissimo
mp
fff

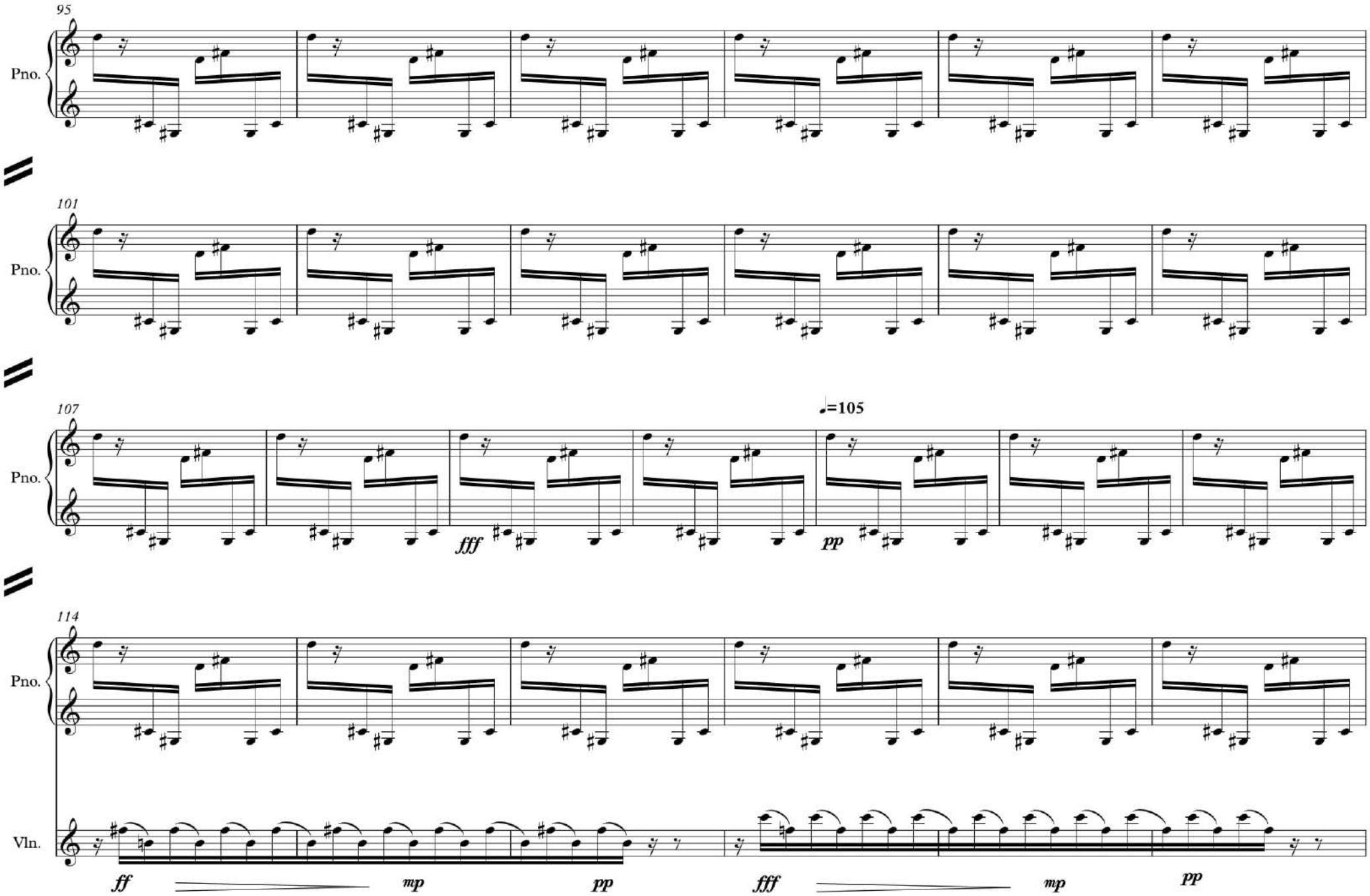

56
♩=85
B. Cl.
mp fff
mp fff
fff
Crot.
f
3
3
l.s.
Gong
Bass drum
Perc.
3
3
l.s.
l.s.
mp
mp
rigoroso
Pno.
pp
mf
pp
fff
pp
Ped.
loco
Ped.
Org.
3
♩=85
Vln.

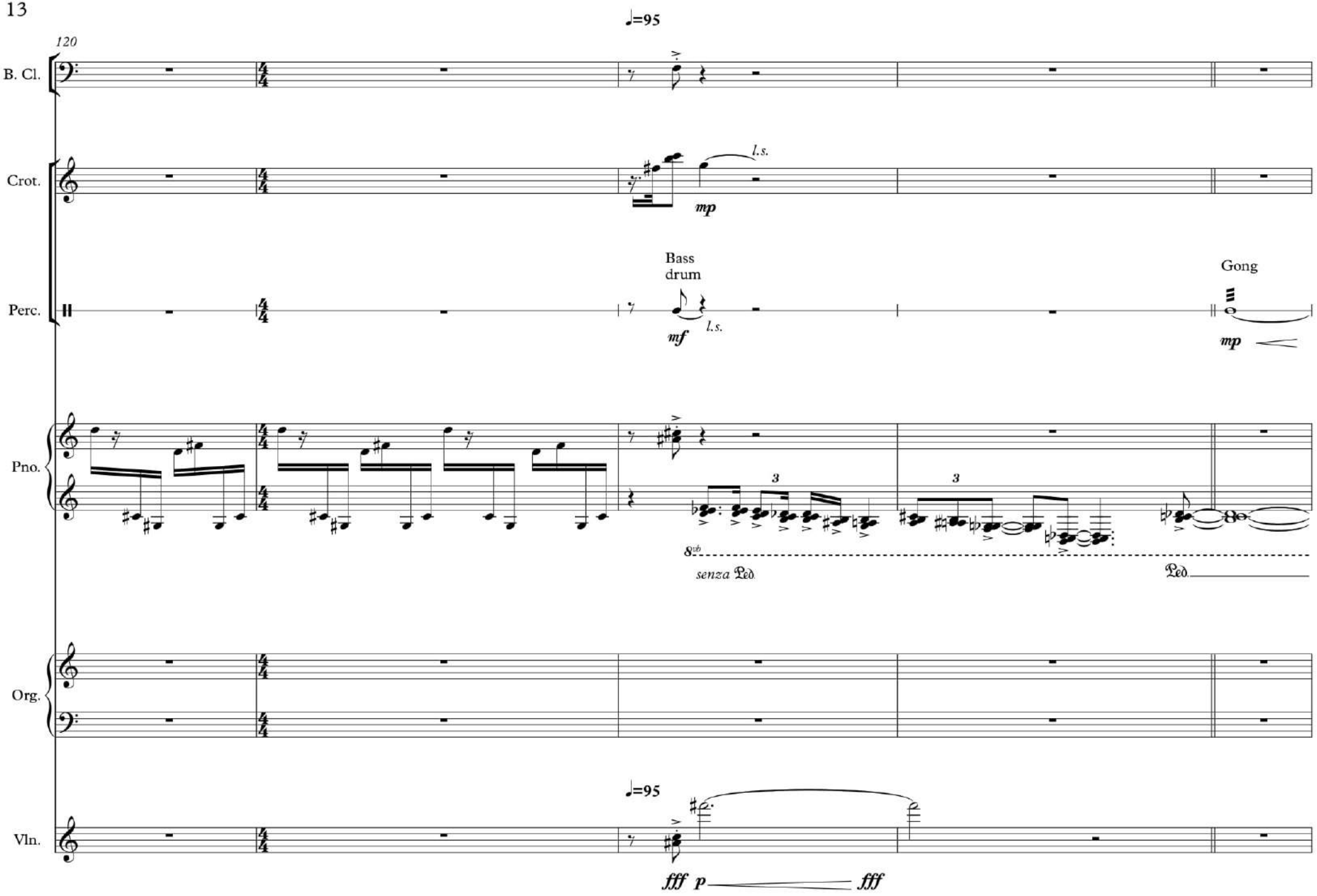

65
B. Cl.
p
fff
p
fff
Tam-tam
3
Perc.
pp
l.s.
Pno.
ff
pp
ff
pp
Org.
Vln.
fff
p
pp

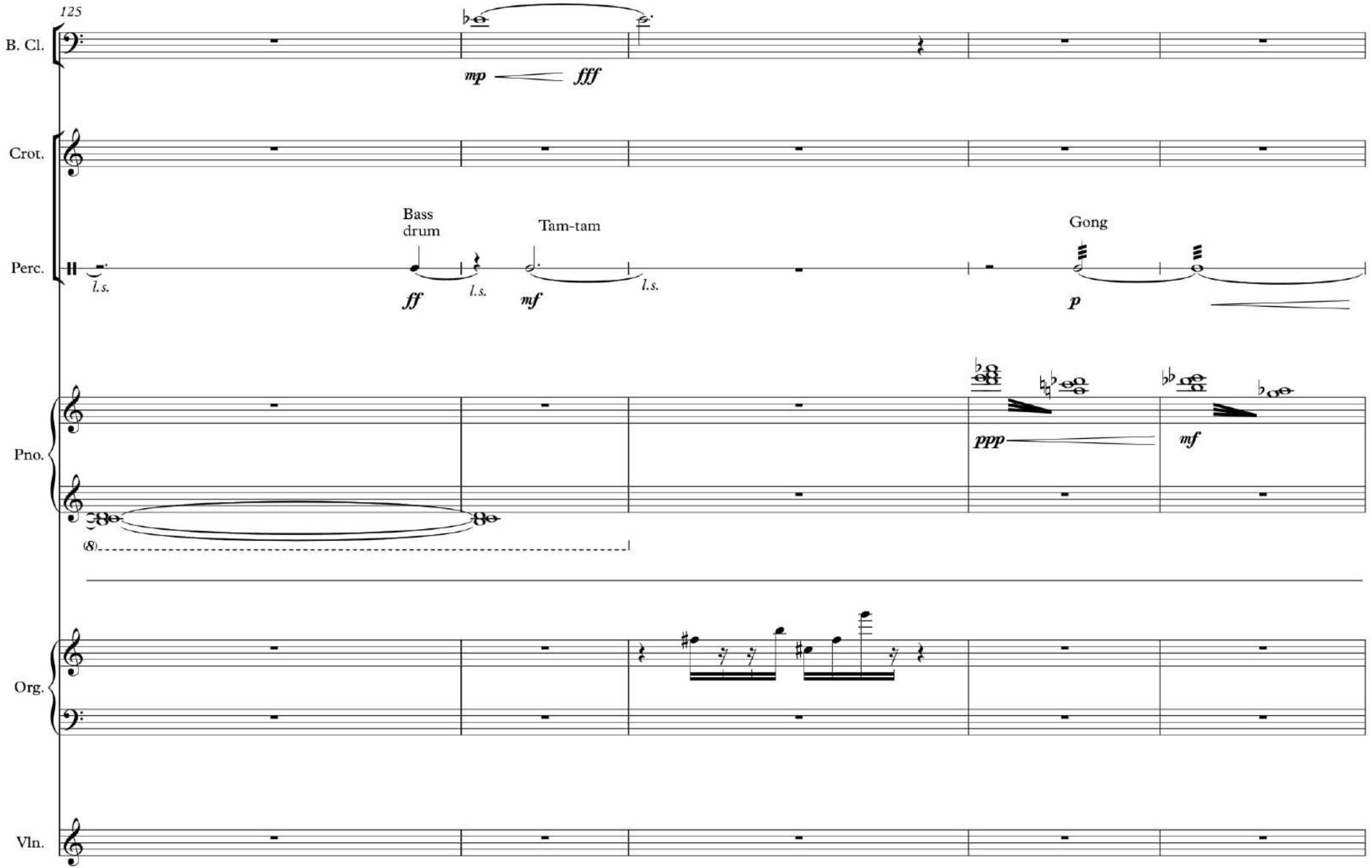

69
B. Cl.
p
fff
Pno.
fff
8vb
loco
fff
Org.
Vln.
ff
mp
pp
fff

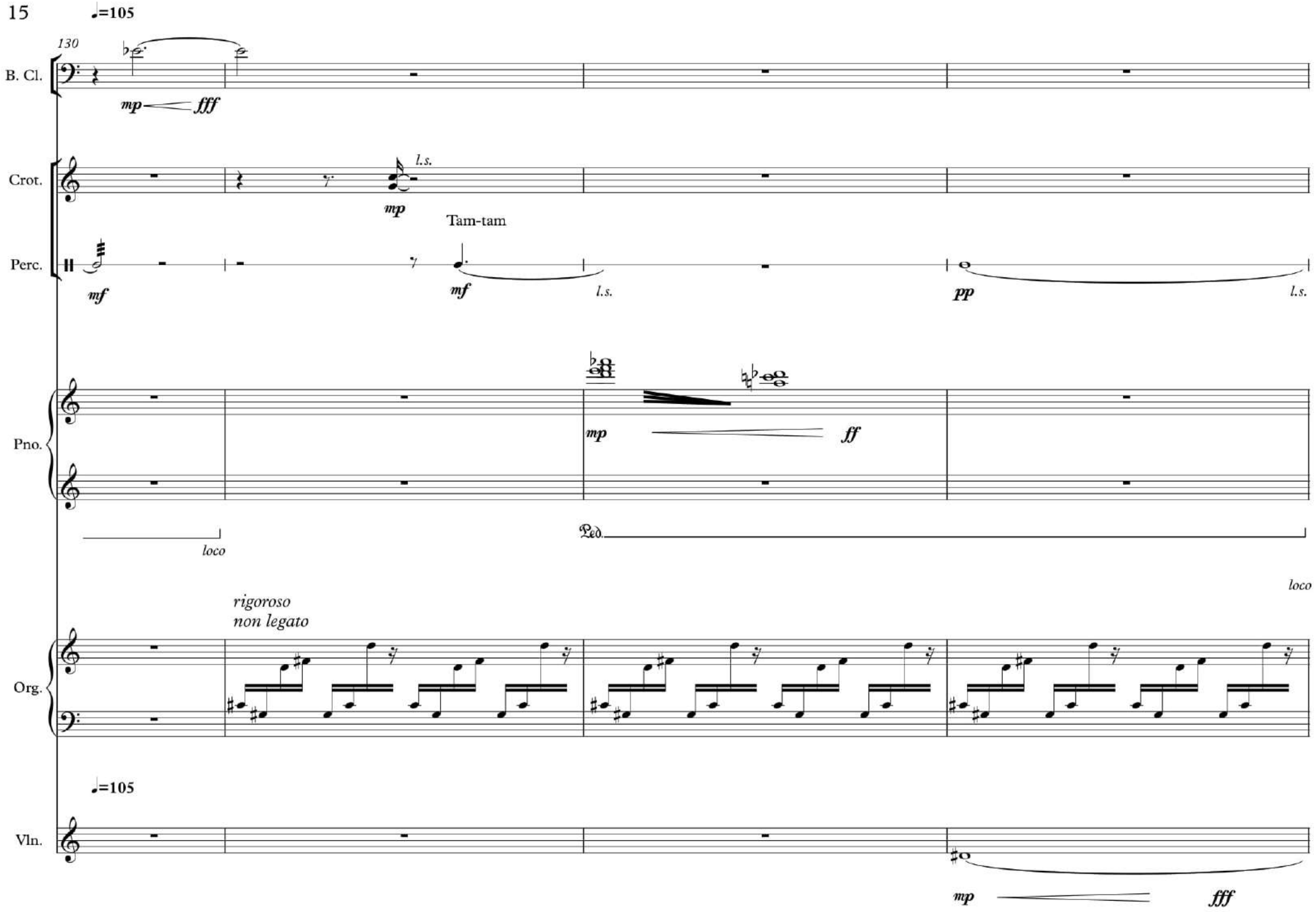

♩=105
72
B. Cl.
fff
Bass
drum
Perc.
mf
l.s.
rigoroso
Pno.
pp
3
8vb
sempre con Ped.
Org.
♩=105
Vln.
ff
mp
pp

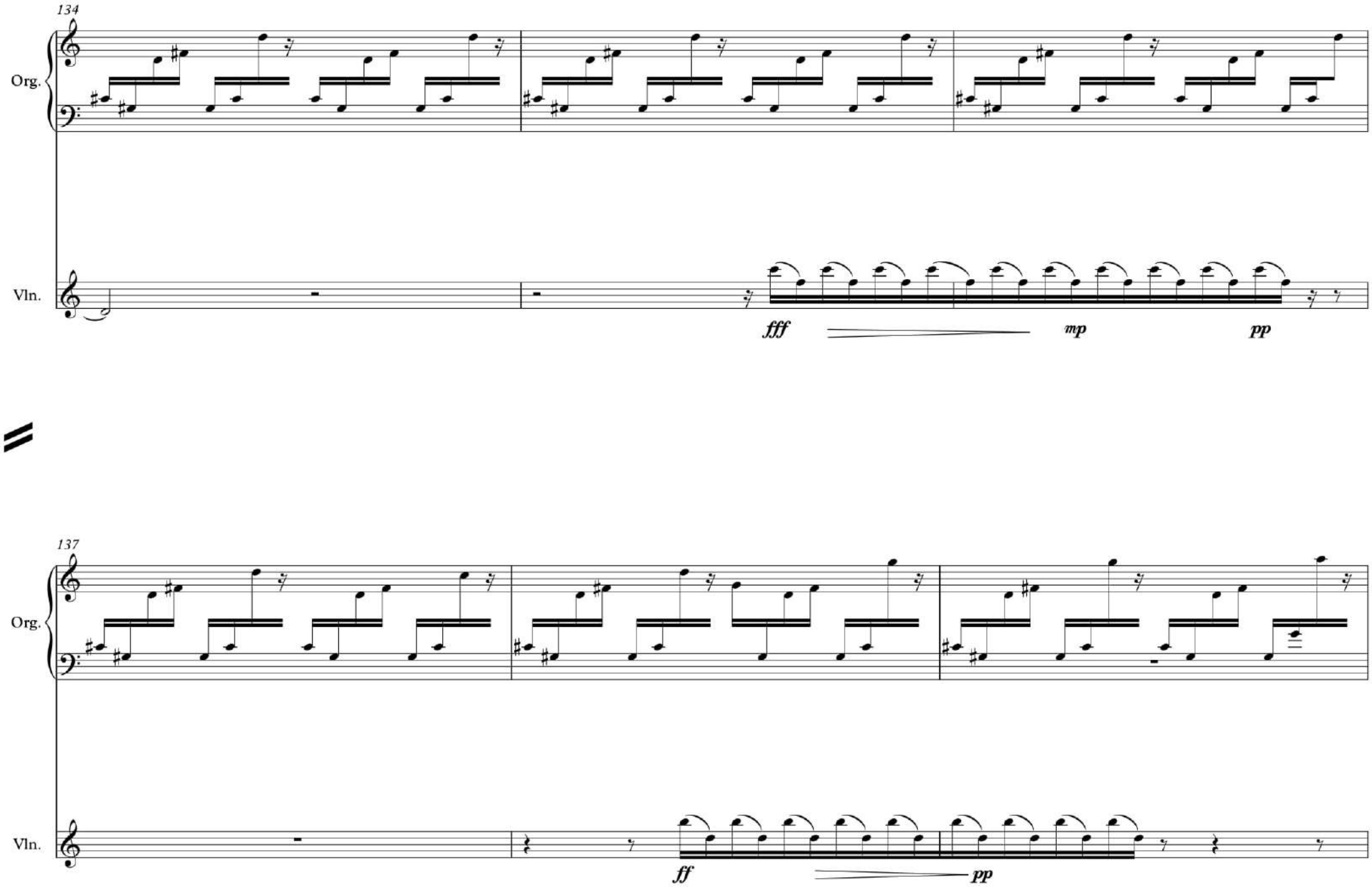

77
Pno.
mp
Vln.
fff
p
pp
83
Pno.
♩=115
mf
89
Pno.
♩=125
f

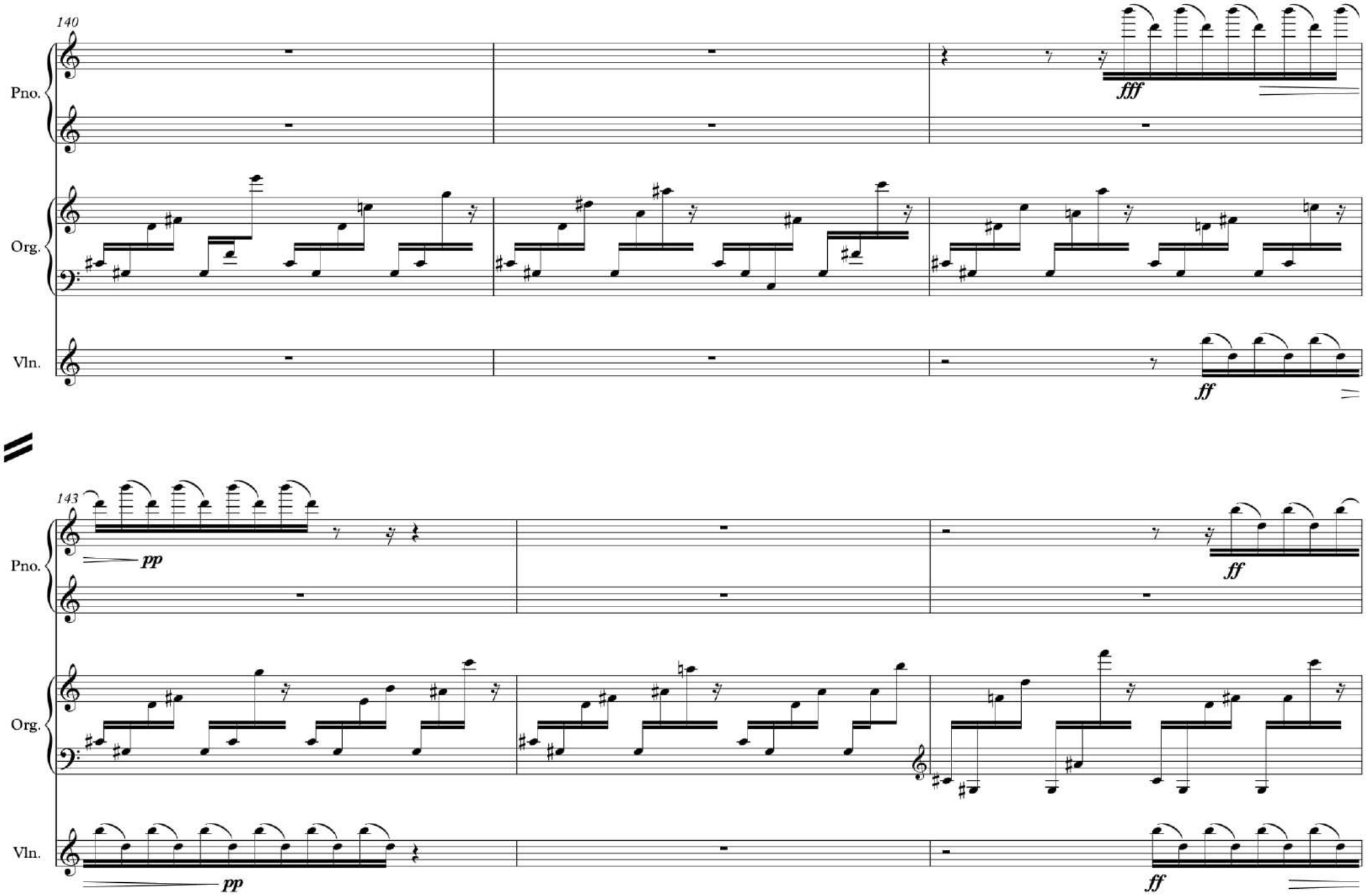

95
Pno.
101
Pno.
107
Pno.
♩=105
fff
pp
114
Pno.
Vln.
ff
mp
pp
fff
mp
pp

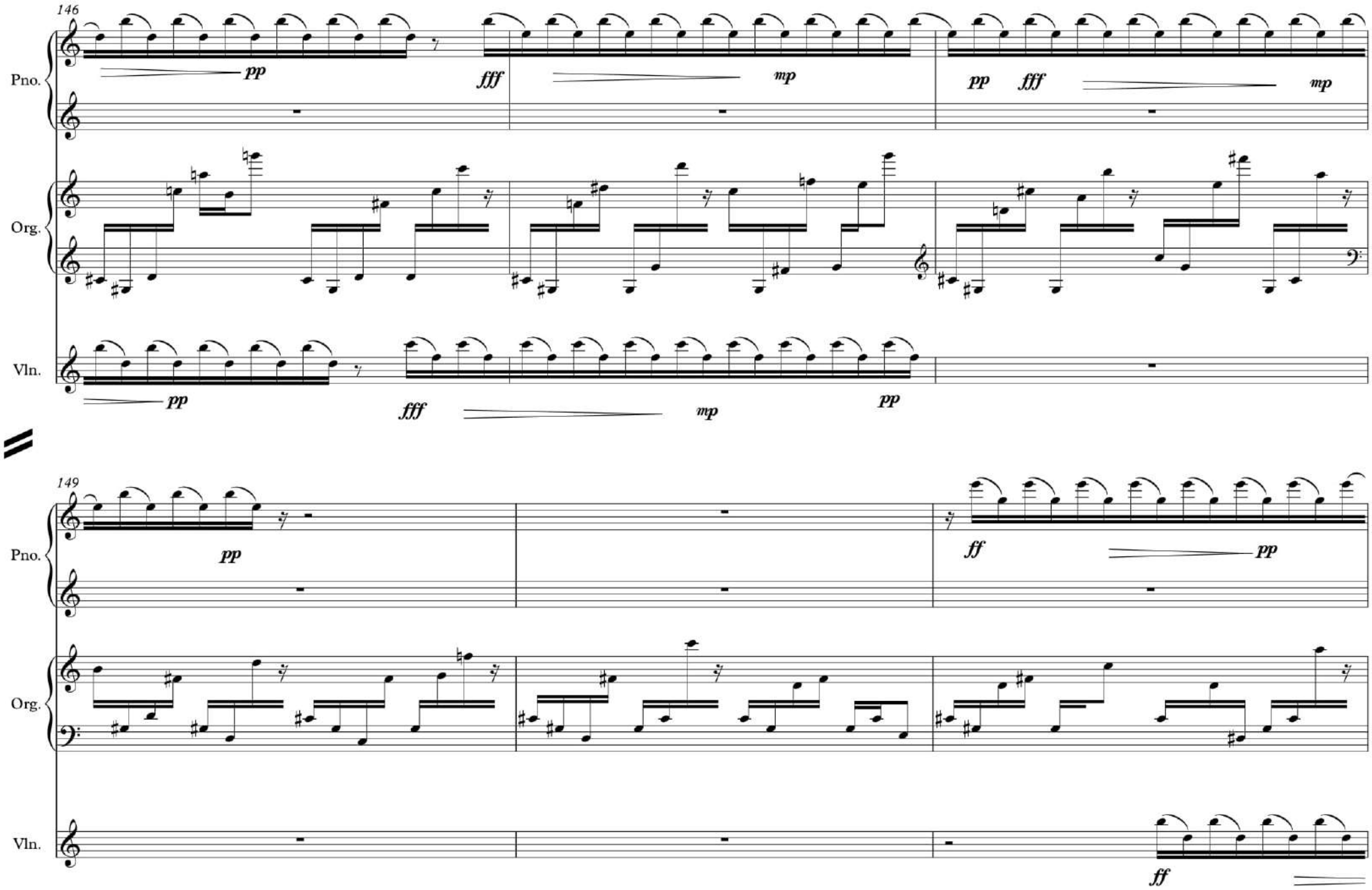

♩=95
120
B. Cl.
Crot.
l.s.
mp
Perc.
Bass
drum
mf
l.s.
Gong
mp
Pno.
3
3
8vb
senza Ped.
Ped.
Org.
♩=95
Vln.
fff p fff

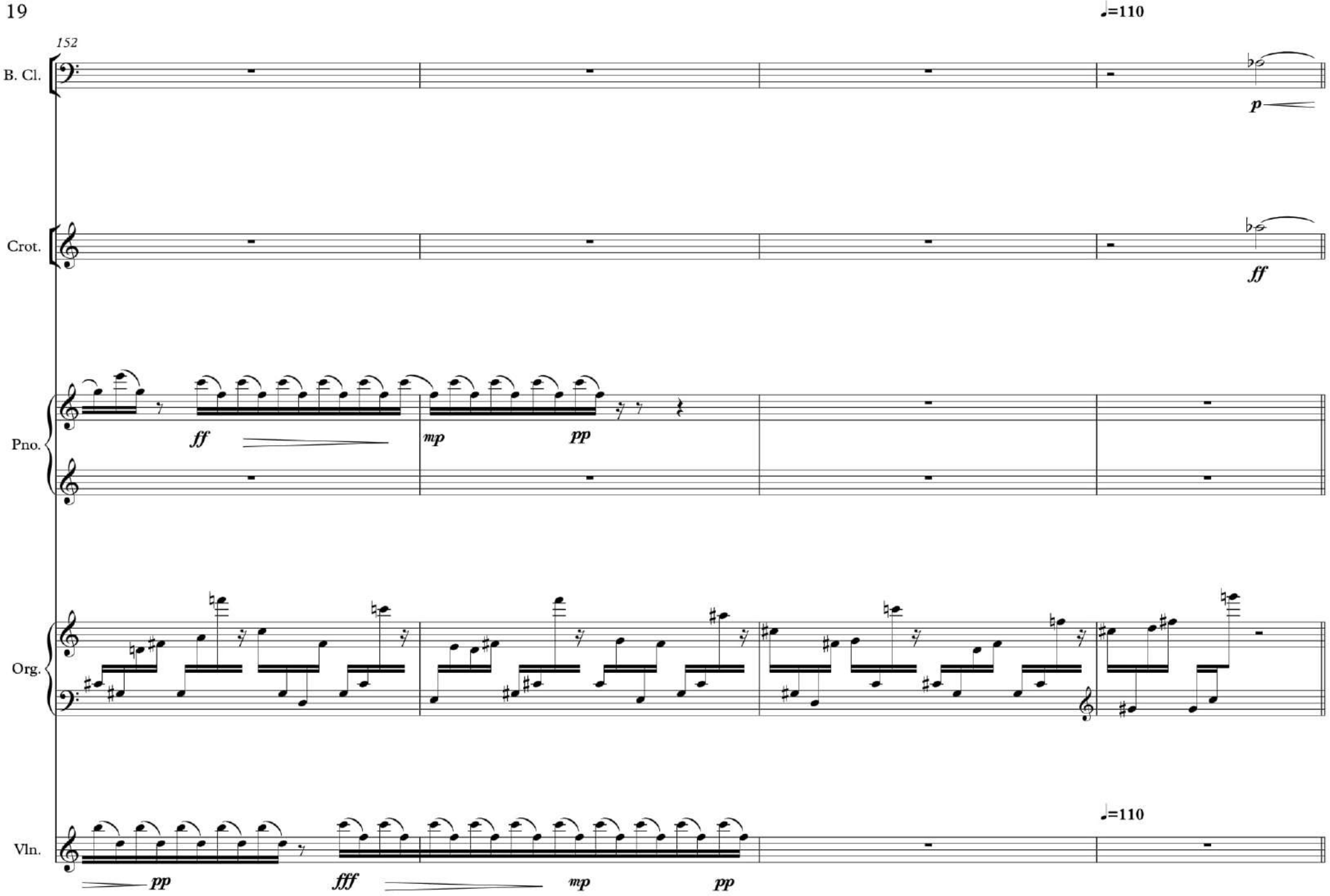

125
B. Cl.
mp
fff
Crot.
Perc.
Bass drum
Tam-tam
Gong
l.s.
ff
mf
p
Pno.
ppp
mf
(8)
Org.
Vln.

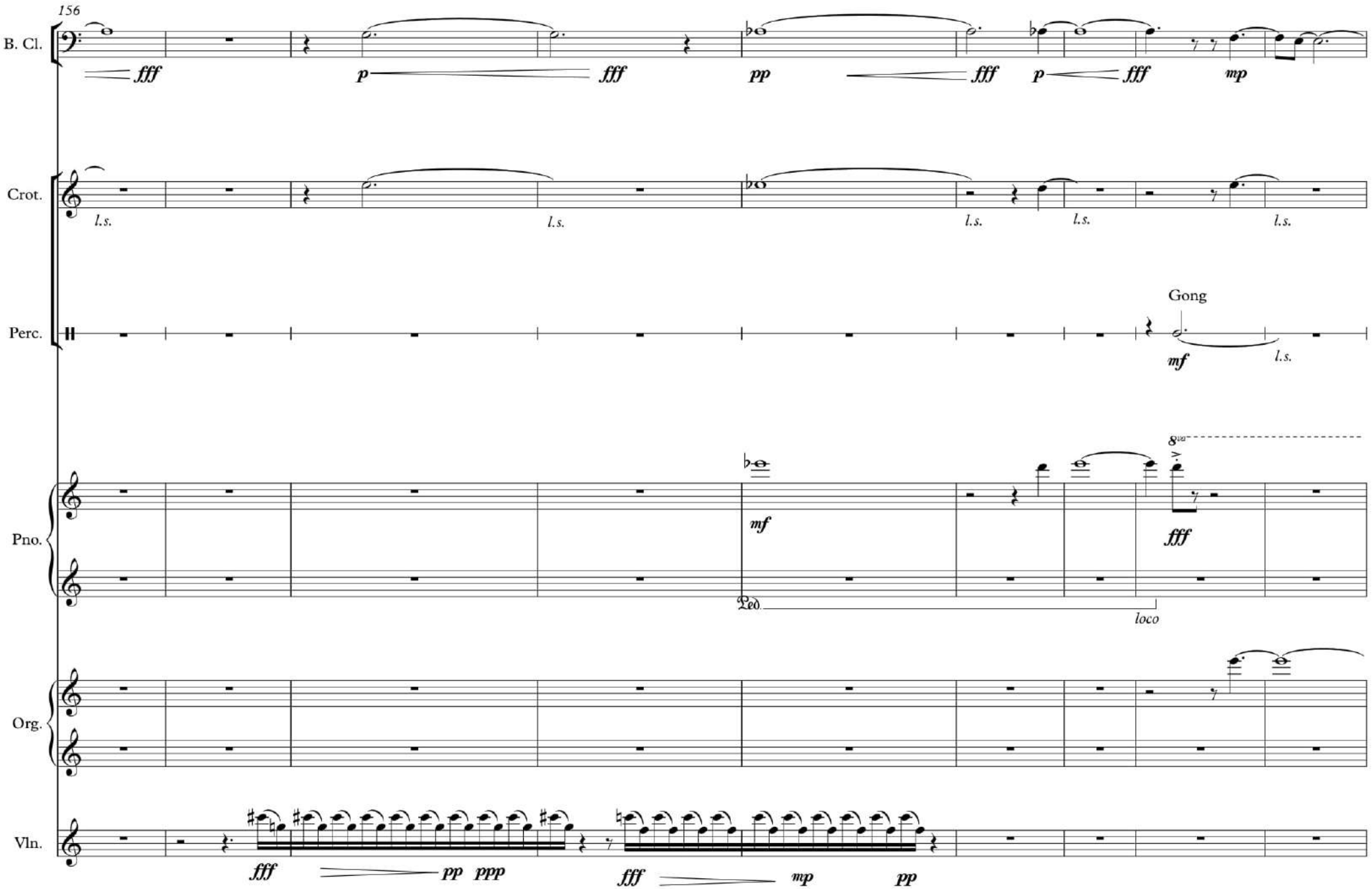

♩=105
130
B. Cl.
mp
fff
Crot.
l.s.
mp
Tam-tam
Perc.
mf
mf
l.s.
pp
l.s.
Pno.
mp
ff
loco
Ped.
loco
rigoroso
non legato
Org.
♩=105
Vln.
mp
fff

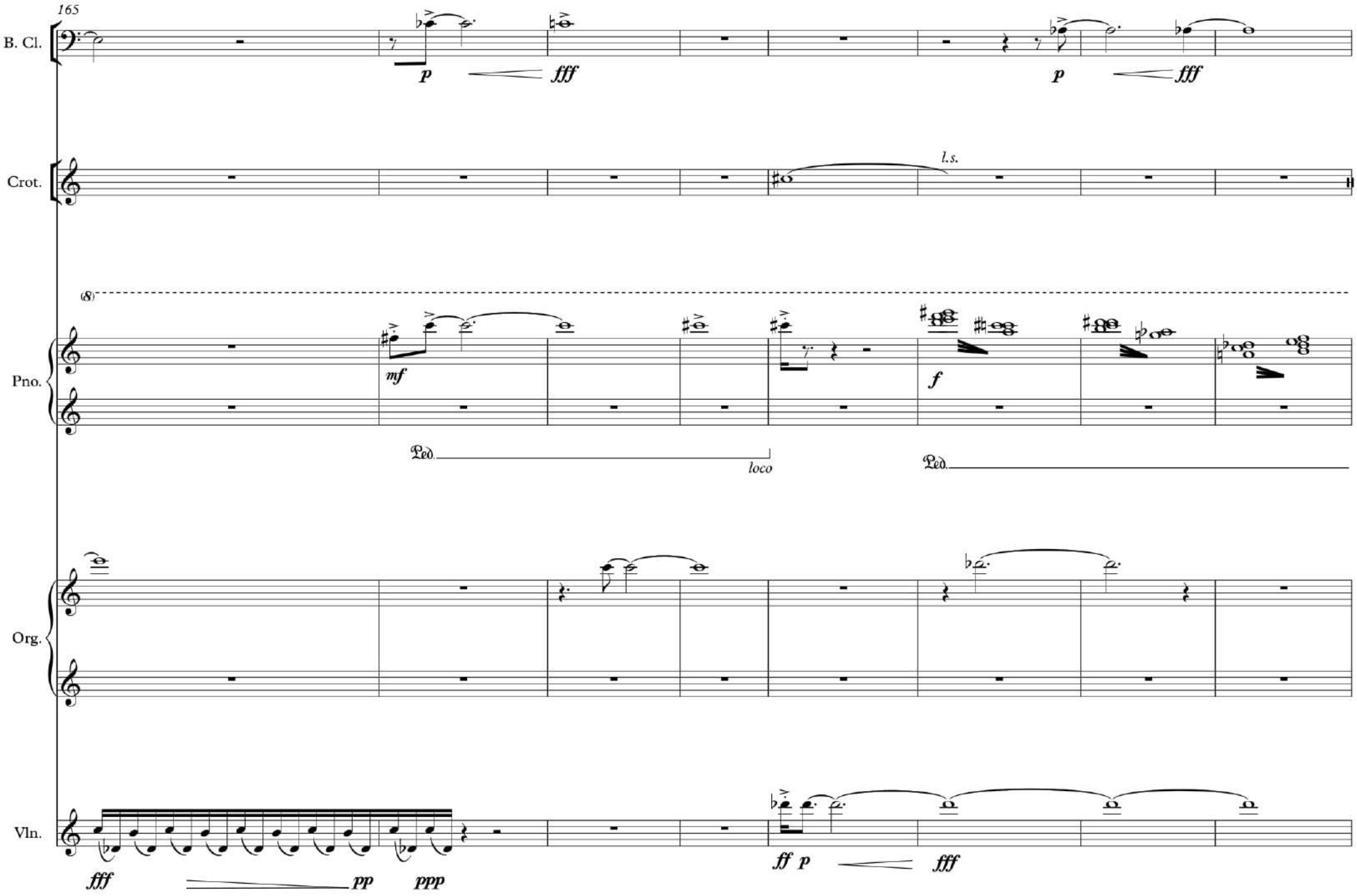

134
Org.
Vln.
fff
mp
pp
137
Org.
Vln.
ff
pp

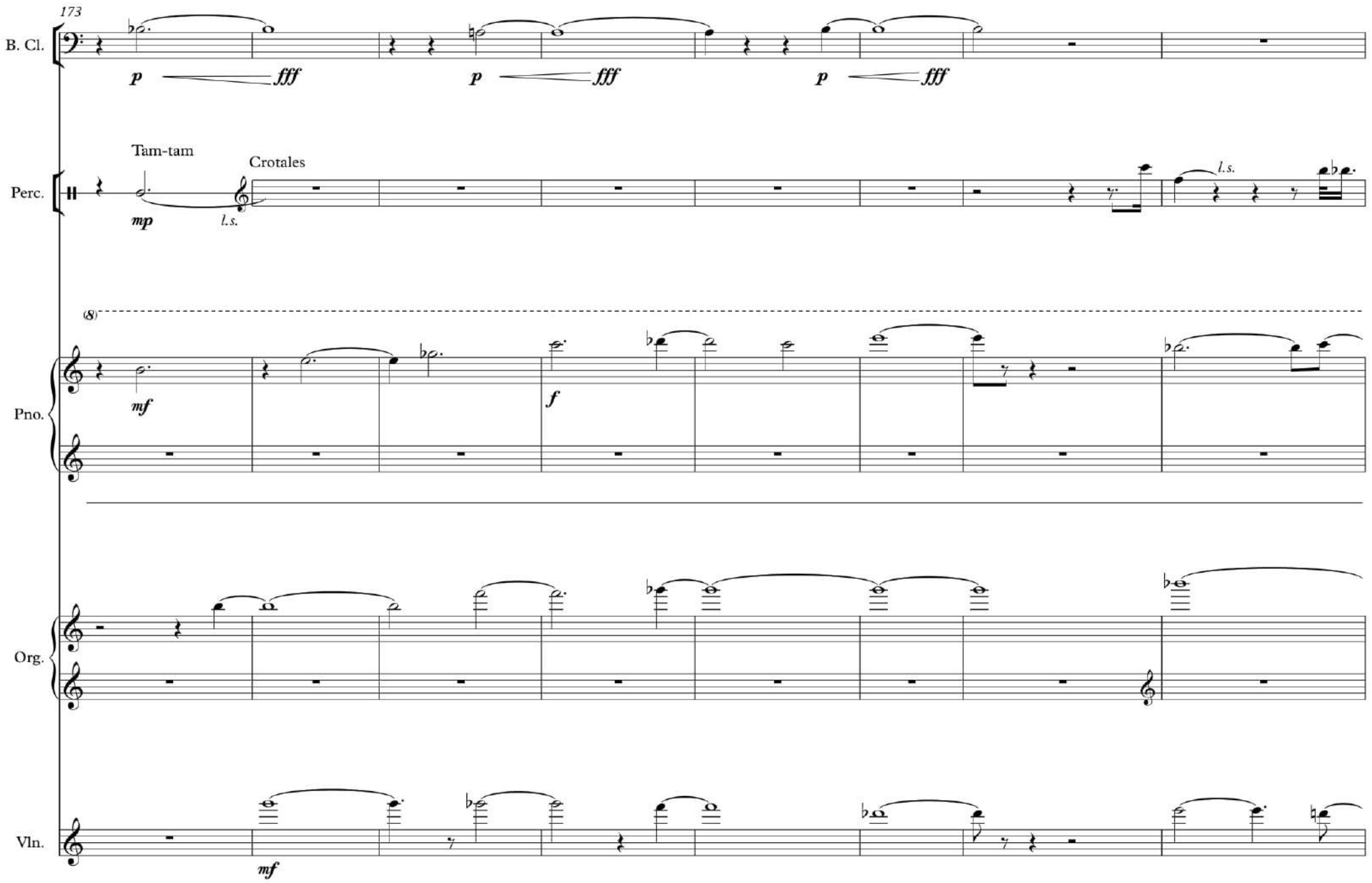

140
Pno.
Org.
Vln.
fff
ff
143
pp
ff
pp
ff

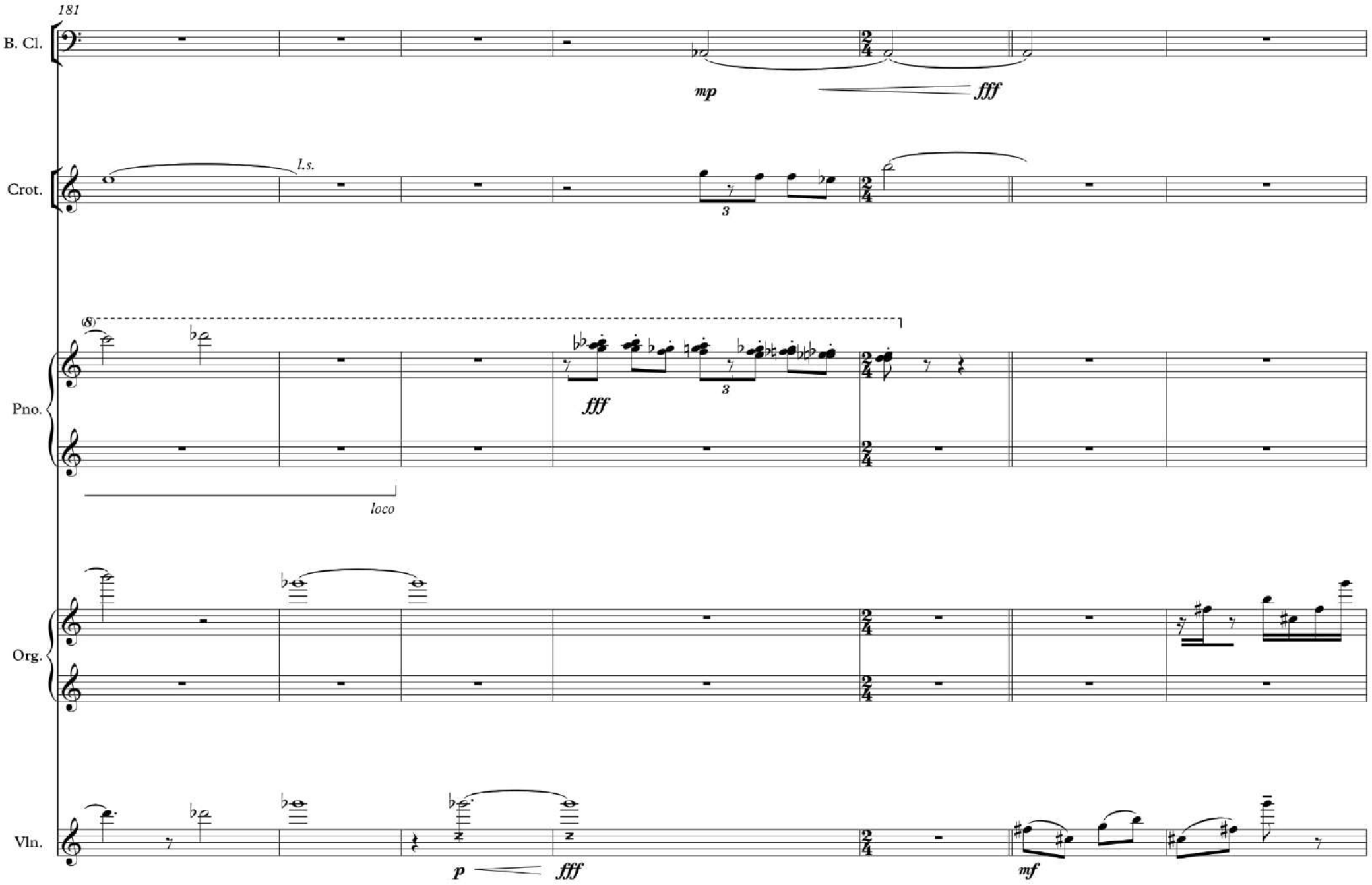

146
Pno.
Org.
Vln.
pp
fff
mp
pp
fff
mp
pp
fff
mp
pp
149
Pno.
Org.
Vln.
pp
ff
pp
ff

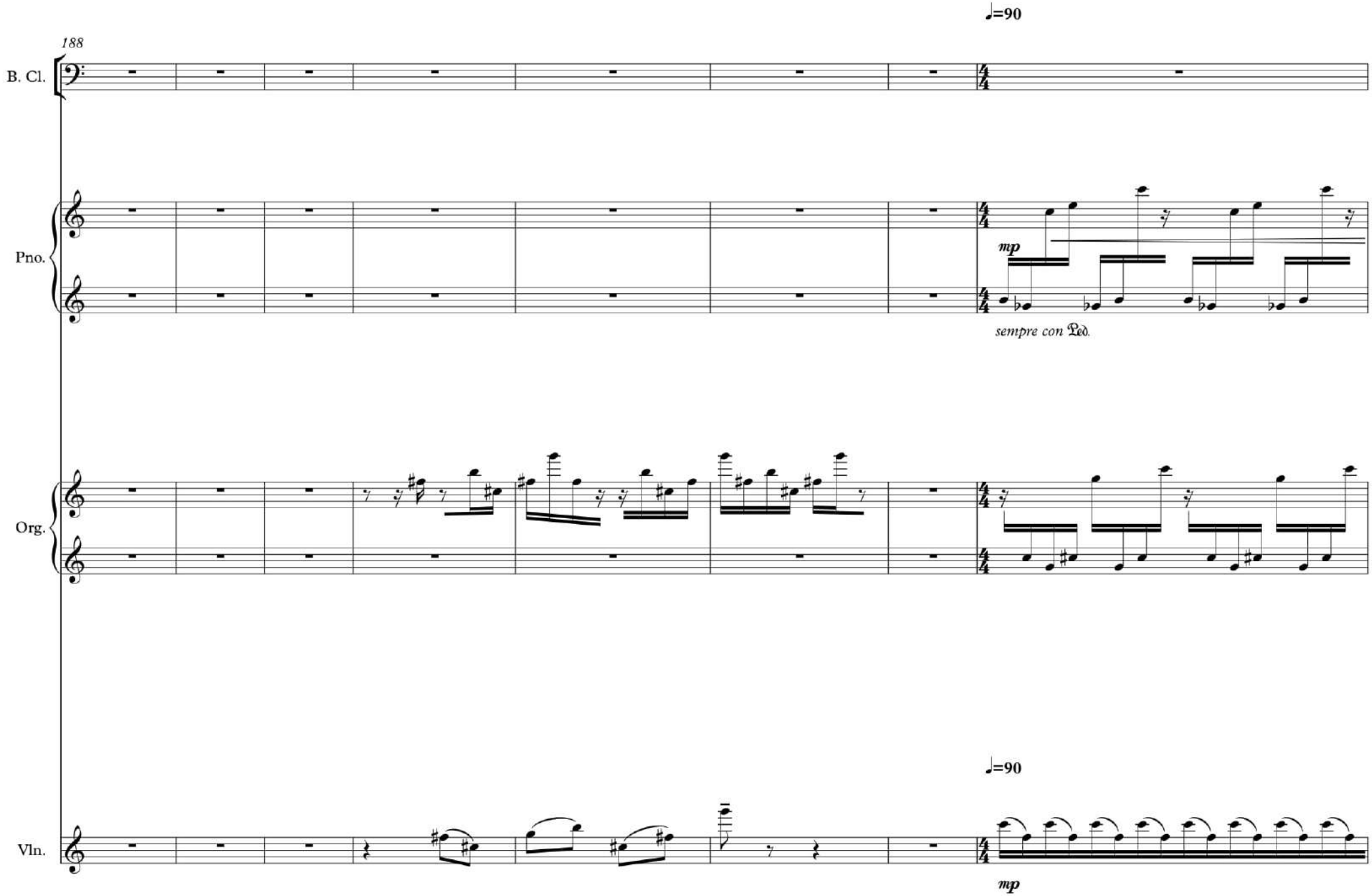

♩=110
152
B. Cl.
p
Crot.
ff
Pno.
ff
mp
pp
Org.
Vln.
pp
fff
mp
pp
♩=110

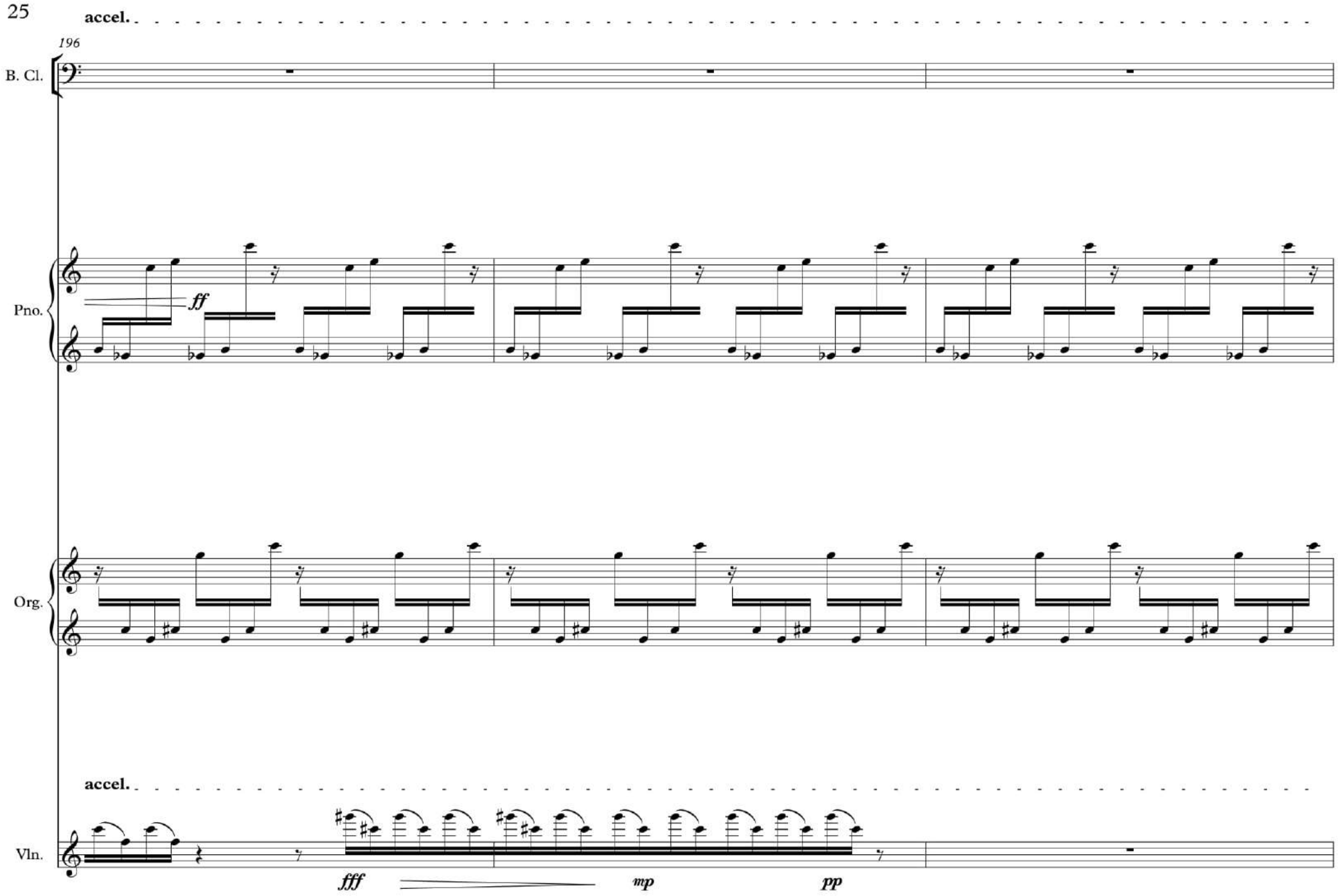

156
B. Cl.
fff
p
fff
pp
fff
p
fff
mp
Crot.
l.s.
l.s.
l.s.
l.s.
l.s.
Perc.
Gong
mf
l.s.
Pno.
mf
fff
Ped.
loco
Org.
Vln.
fff
pp
ppp
fff
mp
pp

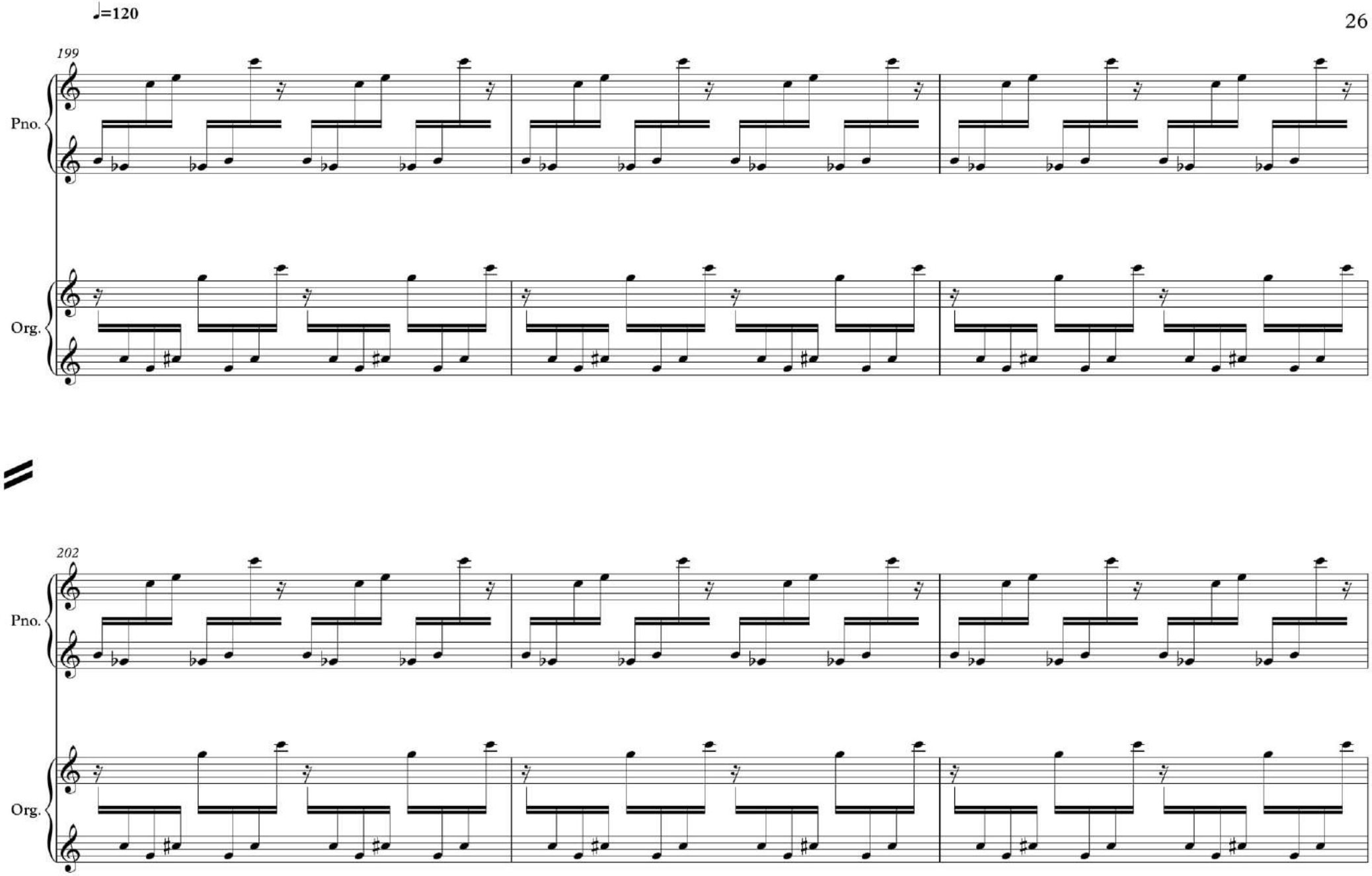

165
B. Cl.
p
fff
p
fff
Crot.
l.s.
(8)
Pno.
mf
f
Ped.
loco
Ped.
Org.
Vln.
fff
pp
ppp
ff p
fff

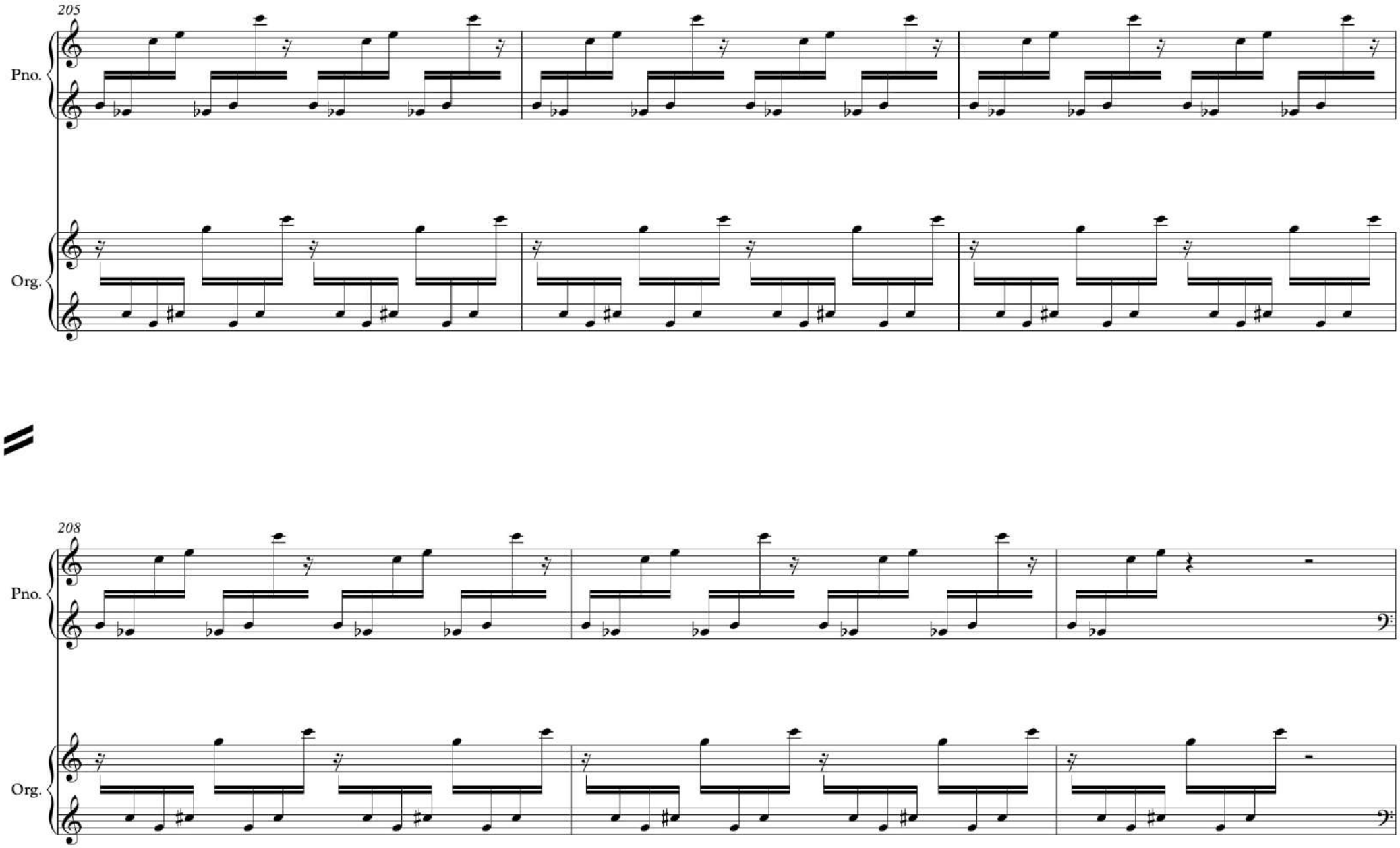

173
B. Cl.
p
fff
p
fff
p
fff
Tam-tam
Crotales
Perc.
mp
l.s.
l.s.
(8)
Pno.
mf
f
Org.
Vln.
mf

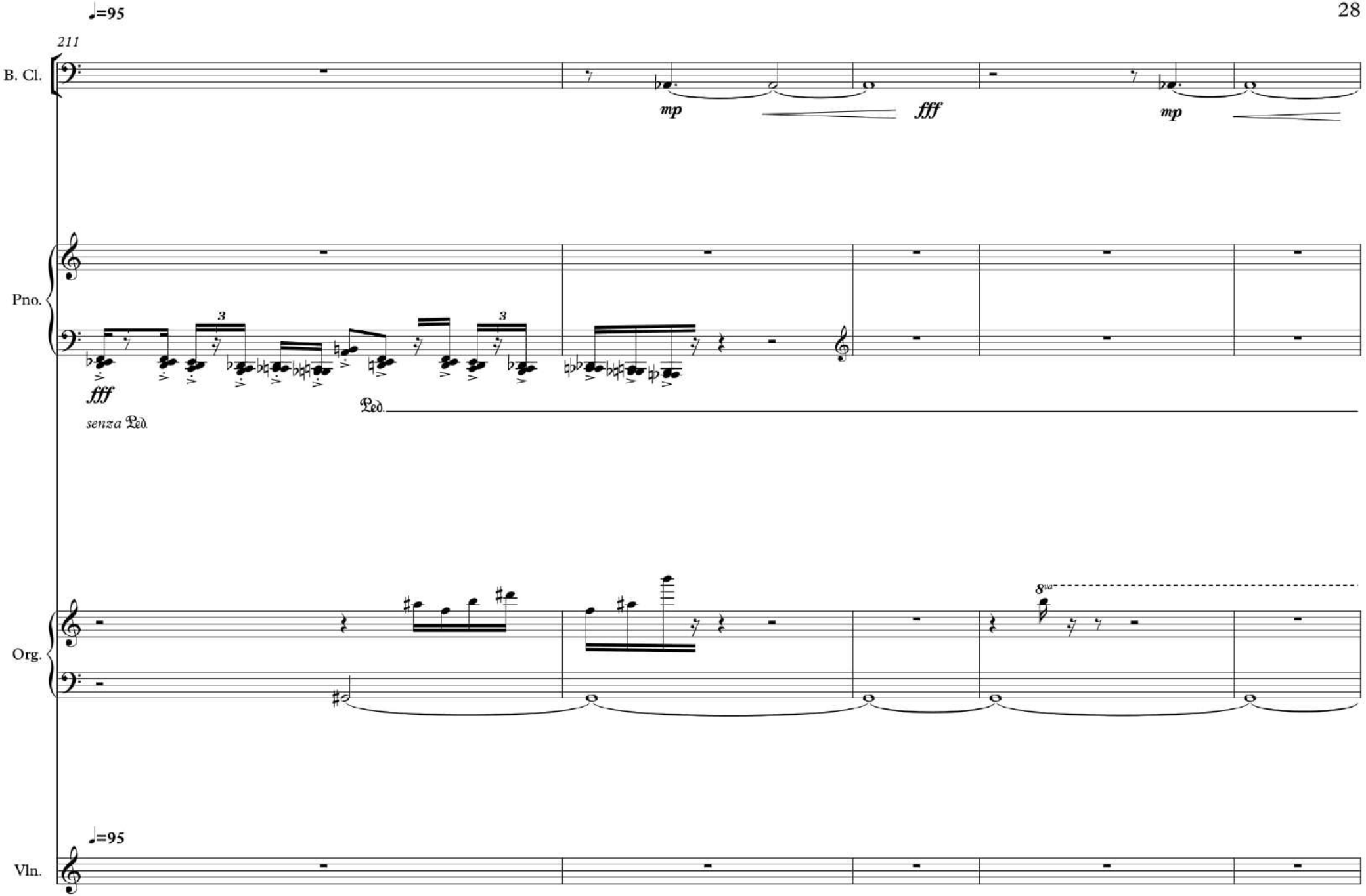

181
B. Cl.
mp
fff
Crot.
l.s.
3
(8)
Pno.
fff
3
loco
Org.
Vln.
p
fff
mf

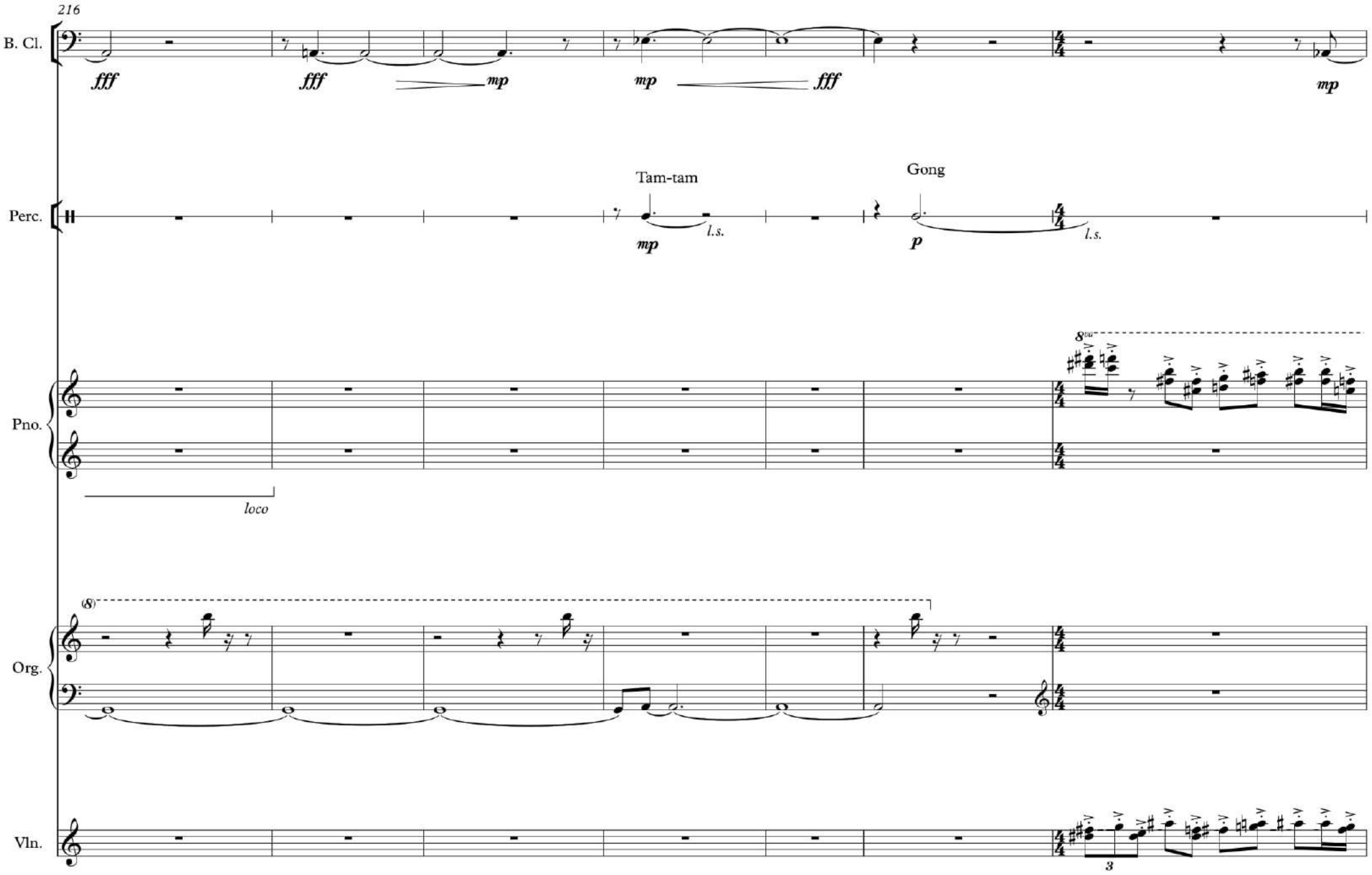

188
B. Cl.
Pno.
Org.
Vln.
♩=90
mp
sempre con Ped.
♩=90
mp

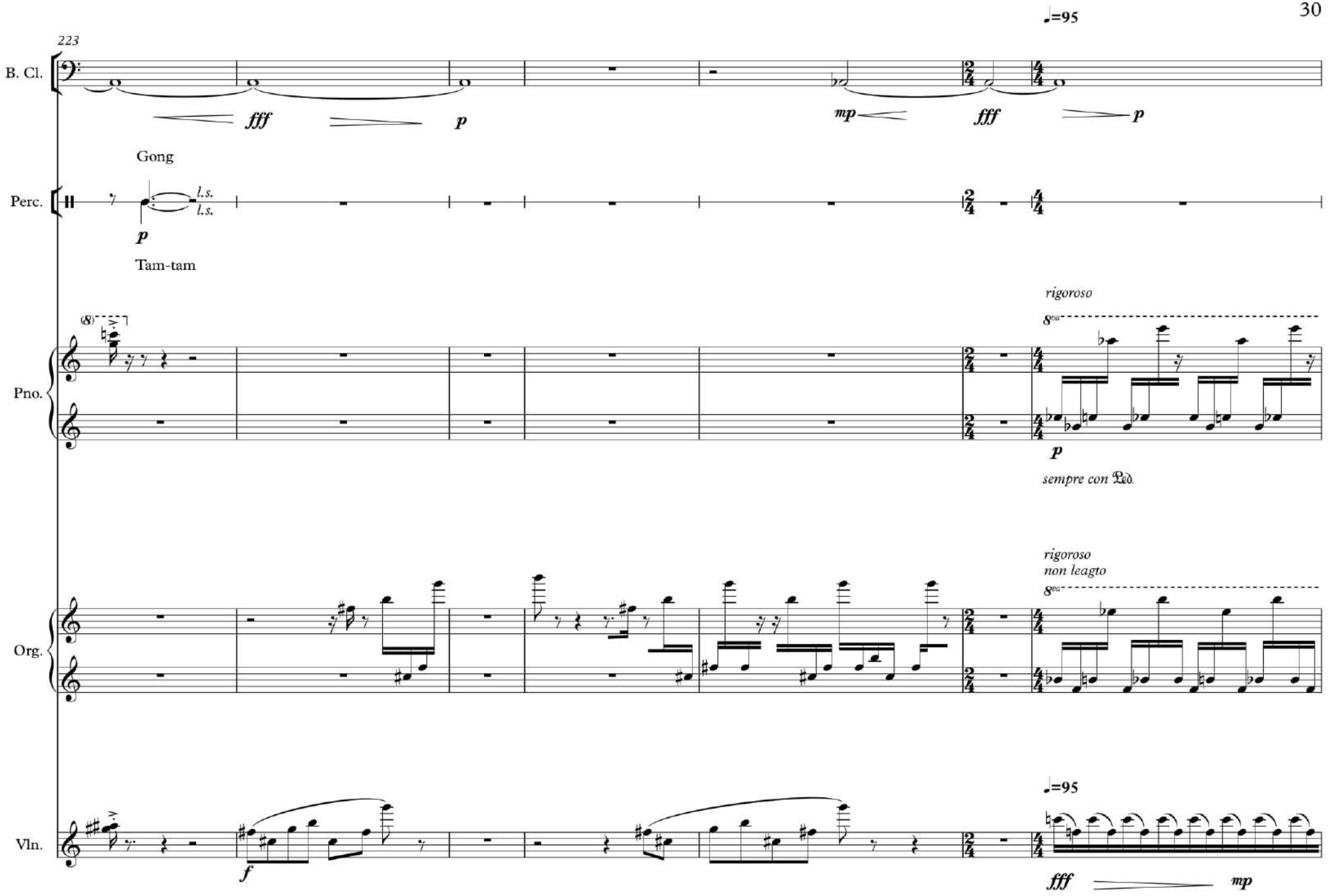

accel.
196
B. Cl.
Pno.
ff
Org.
accel.
Vln.
fff
mp
pp

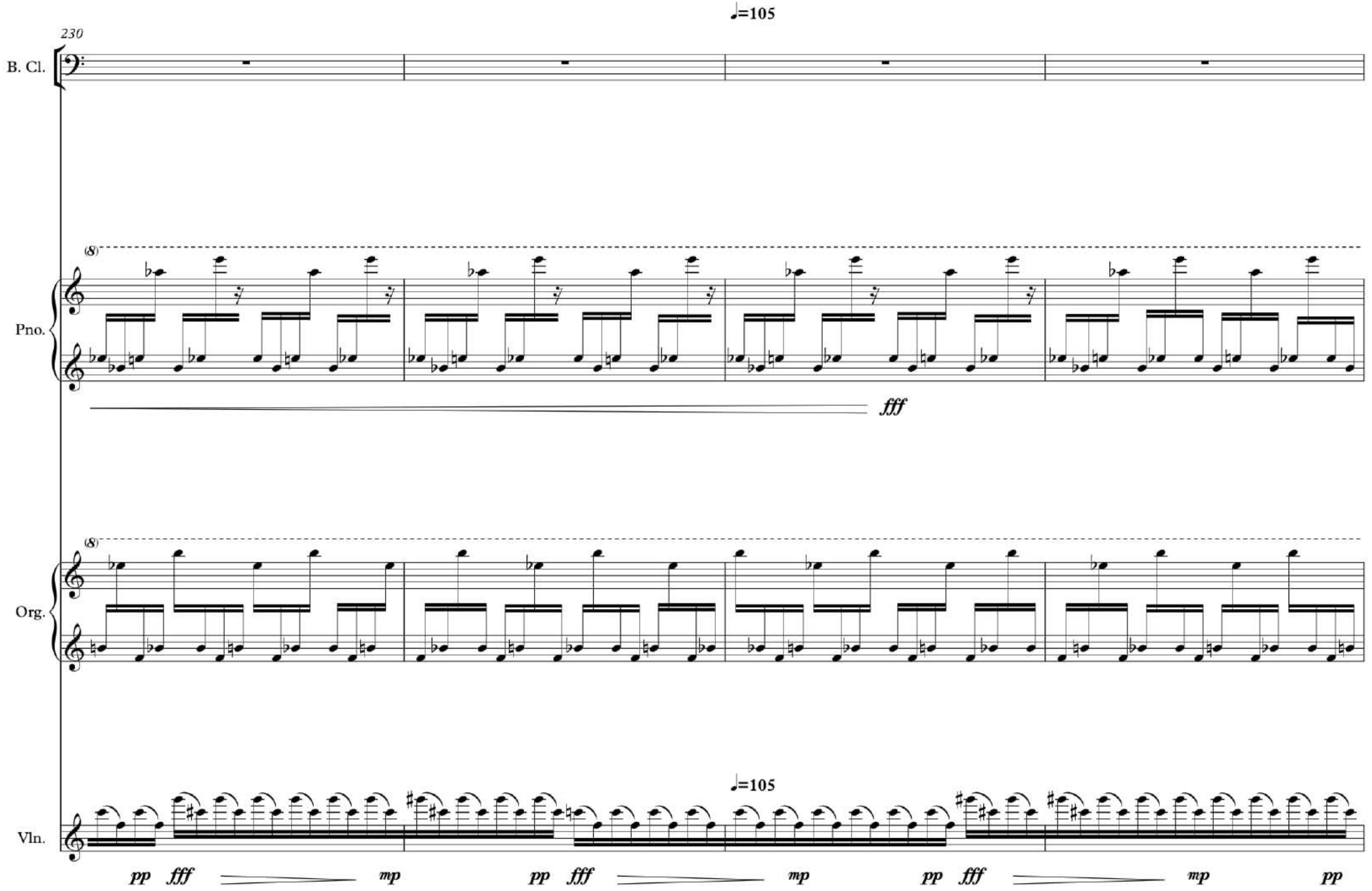

♩=120
199
Pno.
Org.
202
Pno.
Org.

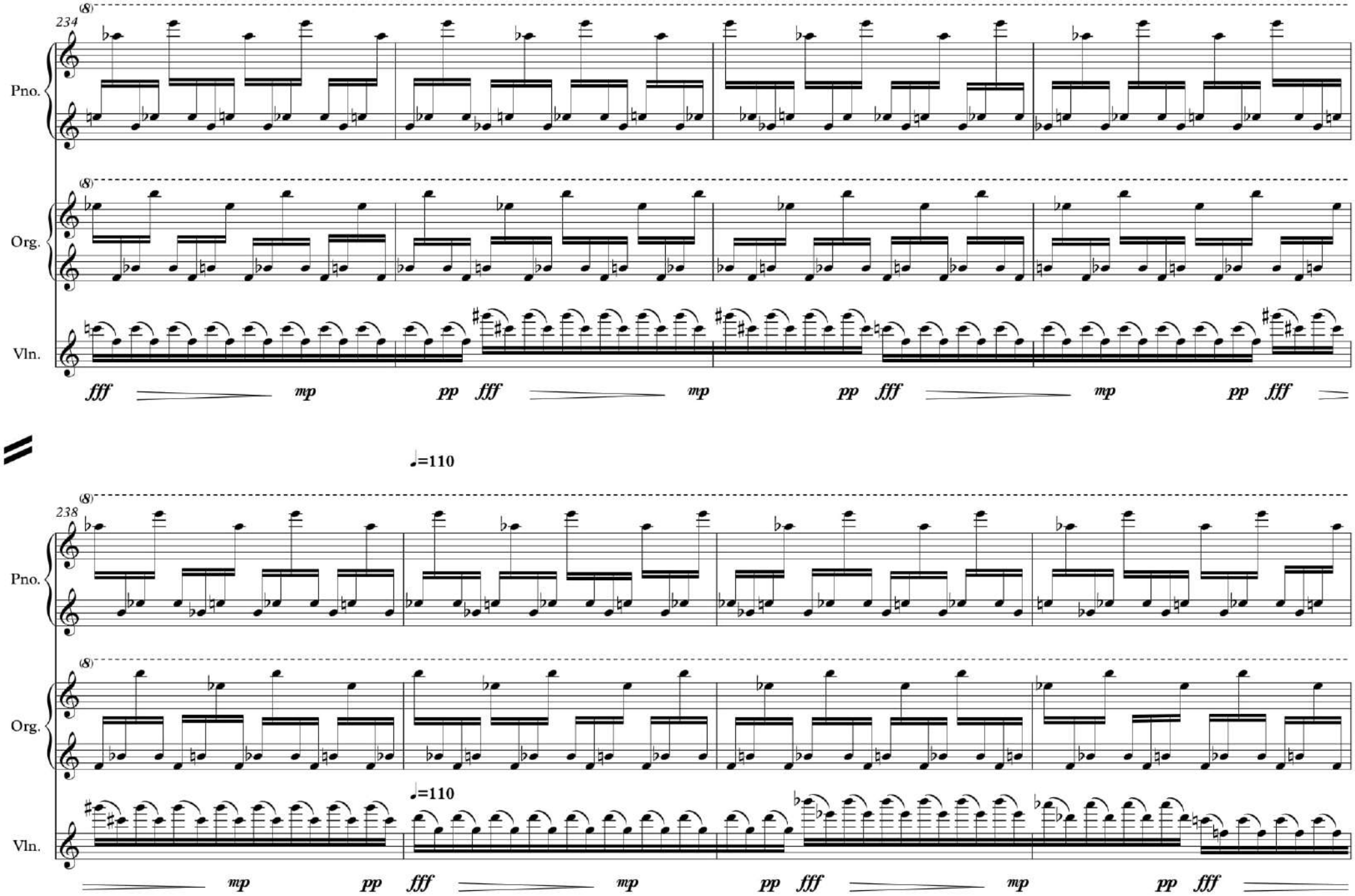

205
Pno.
Org.
208
Pno.
Org.

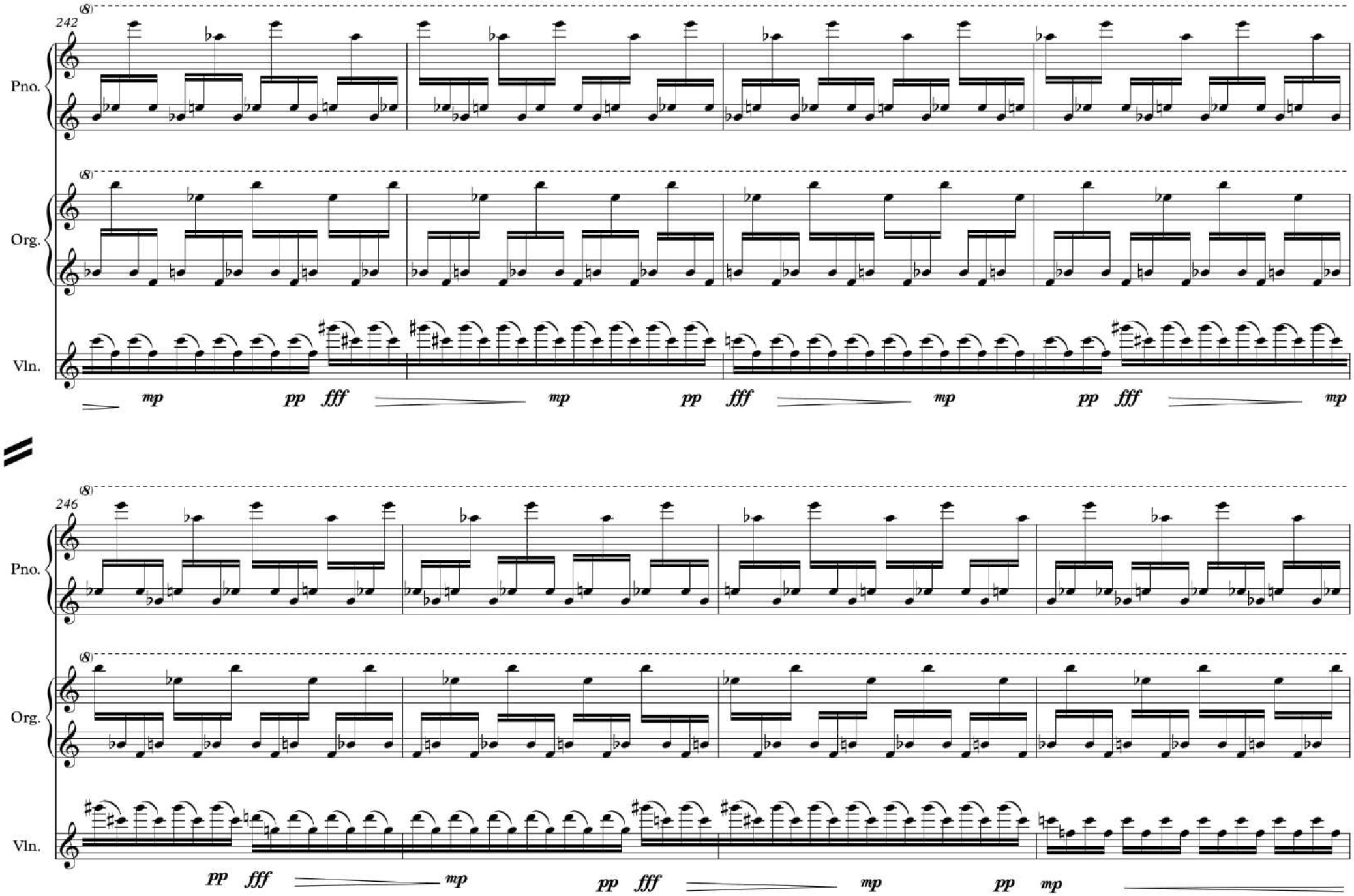

♩=95
211
B. Cl.
mp
fff
mp
Pno.
fff
senza Ped.
Ped.
Org.
8va
♩=95
Vln.

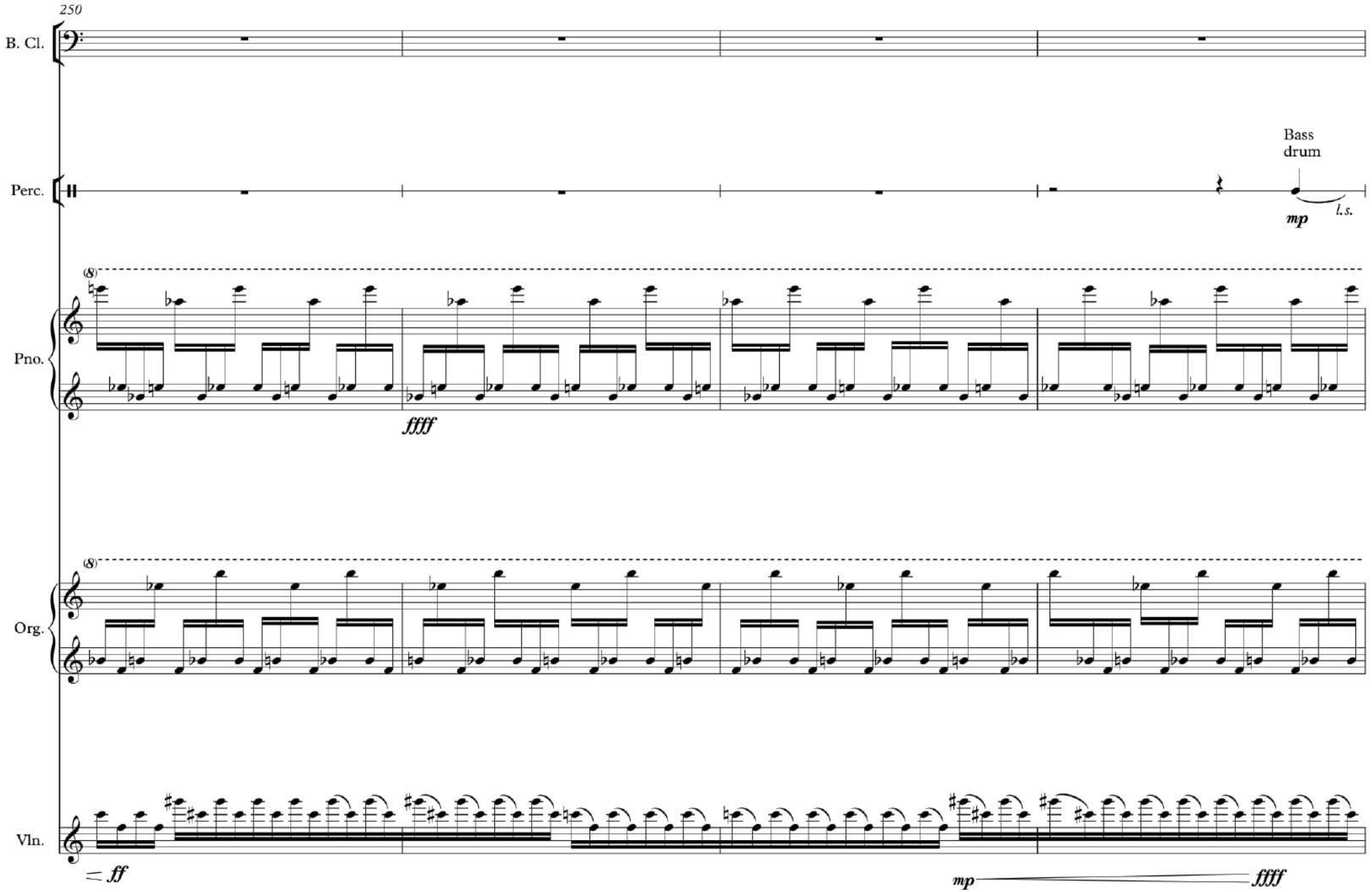

216
B. Cl.
fff
fff
mp
mp
fff
mp
Perc.
Tam-tam
mp
l.s.
Gong
p
l.s.
Pno.
8va
loco
Org.
(8)
Vln.
3

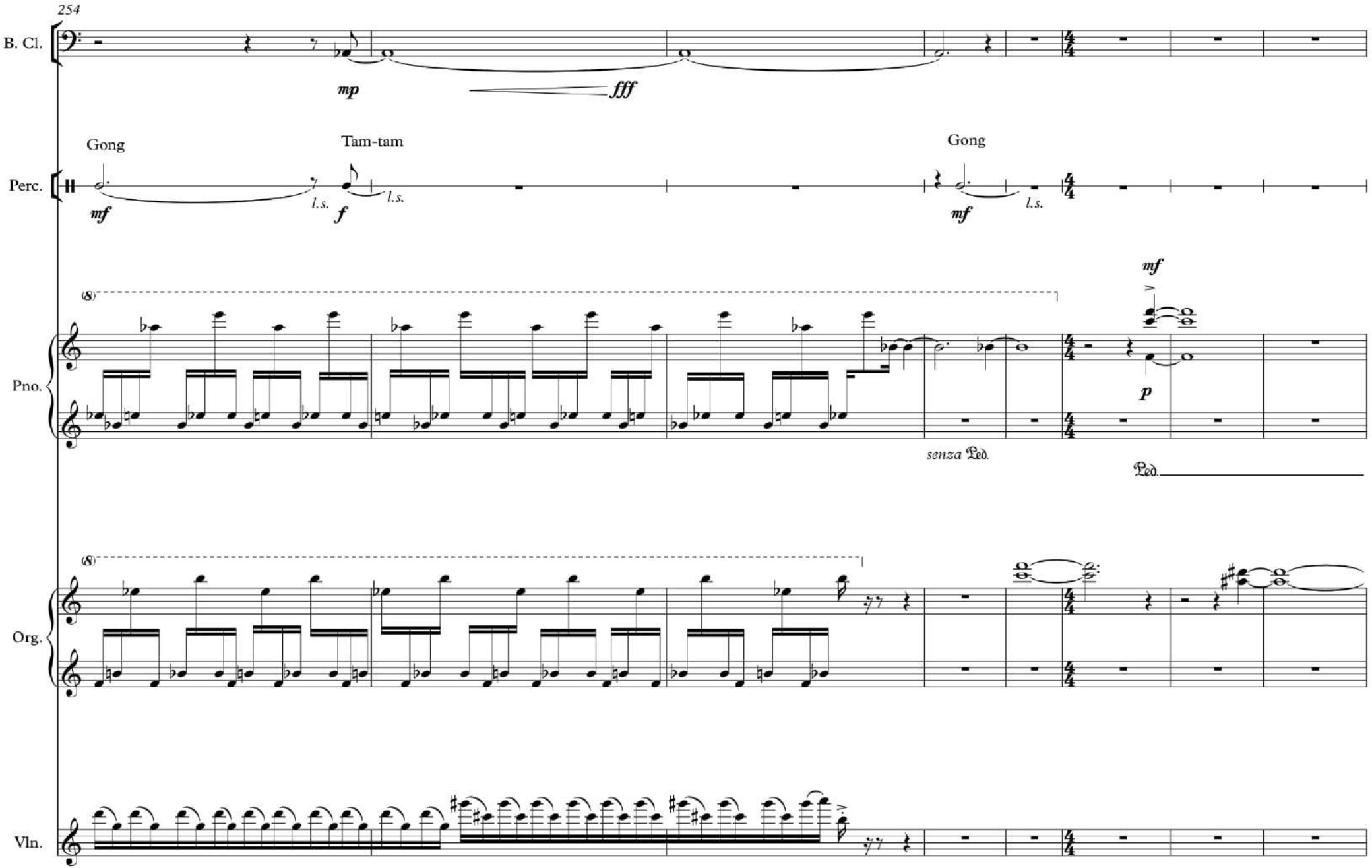

♩=95
223
B. Cl.
fff
p
mp
fff
p
Gong
Perc.
l.s.
l.s.
p
Tam-tam
rigoroso
8va
Pno.
p
sempre con Ped.
rigoroso
non leagto
8va
Org.
♩=95
Vln.
f
fff
mp

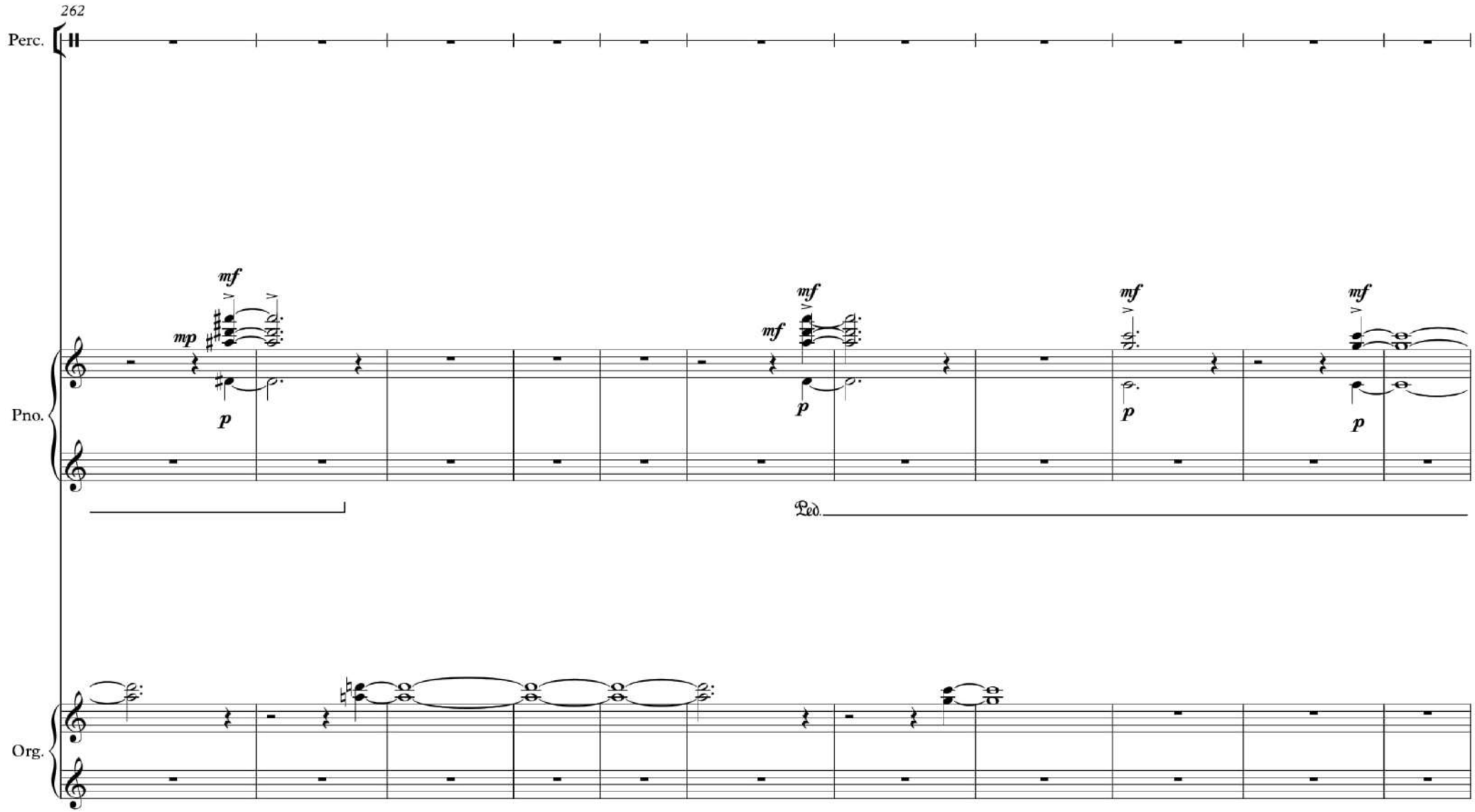

♩=105
230
B. Cl.
Pno.
(8)
fff
Org.
(8)
♩=105
Vln.
pp fff mp pp fff mp pp fff mp pp

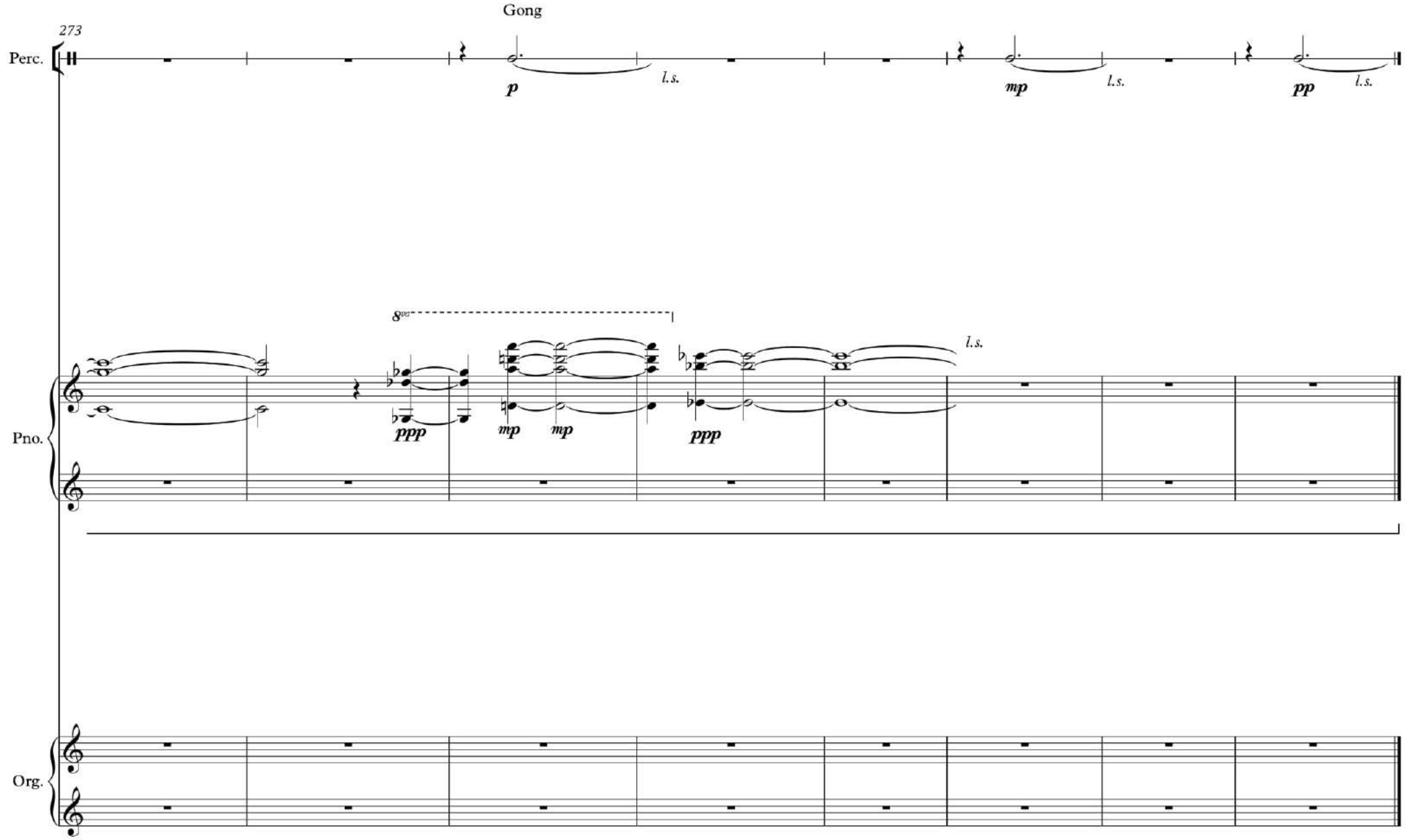

234
Pno.
Org.
Vln.
fff
mp
pp
fff
mp
pp
fff
mp
pp
fff
♩=110
238
Pno.
Org.
Vln.
♩=110
mp
pp
fff
mp
pp
fff
mp
pp
fff


242
(8)
Pno.
Org.
Vln.
mp
pp
fff
246


250
B. Cl.
Perc.
Bass drum
mp
l.s.
Pno.
(8)
ffff
Org.
(8)
Vln.
ff
mp
ffff


254
B. Cl.
mp
fff
Gong
Tam-tam
Gong
Perc.
mf
l.s.
f
l.s.
mf
l.s.
(8)
mf
Pno.
p
senza Ped.
Ped.
(8)
Org.
Vln.


262
Perc.
Pno.
Org.
mf
mp
p
Ped.


Gong
273
Perc.
p
l.s.
mp
l.s.
pp
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8va
Pno.
ppp
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Org.