450

400

350

300

250

200

150

100

50

200

150

100

Pitch Sensitive
Neurons

Red connections are from harmonics
Blue connections are from fundamental
Even when fundamental is missing, there
is still enough stimulus to sense 'pitch' from
the harmonics. Also explains why pitch
sensitivity is impaired for very low and
very high fundamental frequencies.

Tonotopic Map
Neurons

(Not shown in log scale for simplicity)