Supplementary Figure S9:
Response to LTP and LTD stimuli.
A: protein synthesis for the LTP stimuli and
B: protein synthesis for the LTD stimuli.
LTP stimulus was 3 Ca$^{2+}$ peaks of 10 µM for 1 sec each, separated by 5 min
(Arrows below time axis in A). Filled triangles indicate runs where the Ca$^{2+}$ remained at base line (0.08 µM) and open squares indicate Ca$^{2+}$ at 10 µM.
The LTD stimulus (Bar below time axis in B) was a single pulse of Ca$^{2+}$ for 900 sec at 1 µM
(open squares) and 0.2 µM Ca$^{2+}$ (filled triangles).
The simulations are with zero BDNF.