

**Figure 6**

Oral application of Methylphenidate – effects on Amygdala. Dopamine (DA) fibre density + S.E.M. is presented in the basolateral, lateral and medial central amygdala. In the basolateral amygdala, results correspond to those in the PFC: Handling-induced rise in DA fibre density, MA-induced decrease and MPH-induced recovery. The DA innervation of the central amygdala did not react to MPH, but was lowered in the medial part by handling. For abbreviations, see fig. 4. Biostatistics: ANOVA with repeated measures and t-tests (see fig. 4); significance values: * $p < 0,05$, ** $p < 0,01$.