



**Fig. S4 Intensity profiles of subcellular structures**

(A-B) The lateral brightness distribution of small features within the juvenile mouse brain (A) fine astrocyte processes are visible at 1039  $\mu\text{m}$  depth and the FWHM of the lateral brightness distributions (B).

(C-D) The axial brightness distribution of small features of cells corresponding with radial glia processes within the postnatal mouse brain (C) at 1371  $\mu\text{m}$  depth and the FWHM of the axial brightness distributions (D).

Scale bars represent 50  $\mu\text{m}$  in A and C.