



Fig. 13. **Proteins synthesized *de novo* and transported to the extracellular compartment.** After a 3h labeling, the radular tissue was treated with collagenase to disaggregate the cells and the teeth. The teeth (base and cusp) were then analyzed with SDS-polyacrylamide gel electrophoresis. Two major bands in *C. toreuma* stood out prominently from stage through stage , and that these two proteins were synthesized *de novo* at stage - and transported out to the extracellular space where teeth are formed. Two major bands were detected in *P. striata*, but the image on the autoradiography was not available. The upper rows are detected by Coomassie Blue staining, the lower rows are the autoradiography corresponding to it.