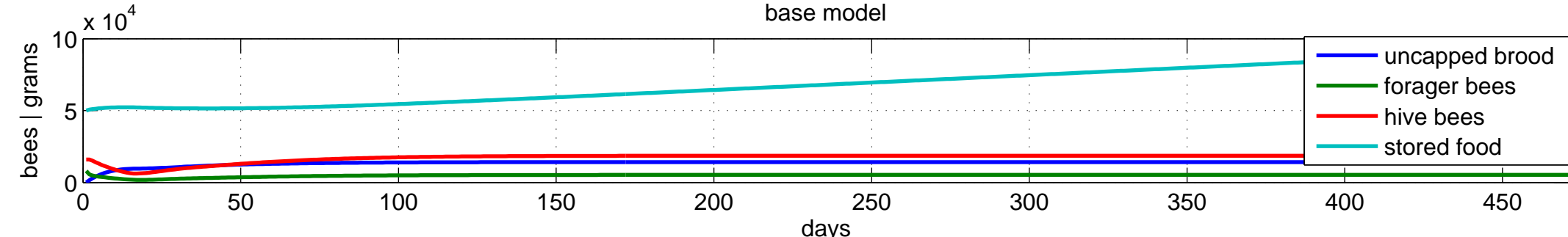
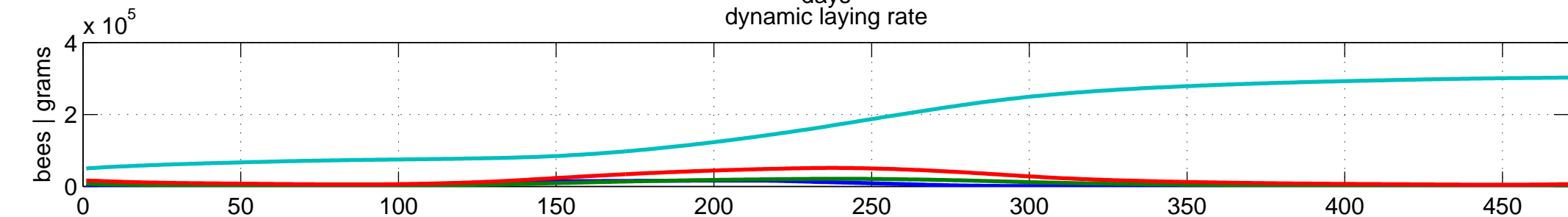


base model



dynamic laying rate



enviromental model

