

Supporting Information for: Computing Rates and Distributions of Rock Recovery in Subduction Zones

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1. Visualizations S1 to S64

2 Introduction

The following pages contain visualizations of marker classifications results for all 64 subduction zone simulations summarized in the main text of this study. Each page contains figures showing marker PT distributions and geodynamic snapshots that supplement the examples used in the manuscript. Data and code for reproducing these visualizations are available online at https://github.com/buchanankerswell/kerswell_et_al_marx and <https://osf.io/3emwf/>.

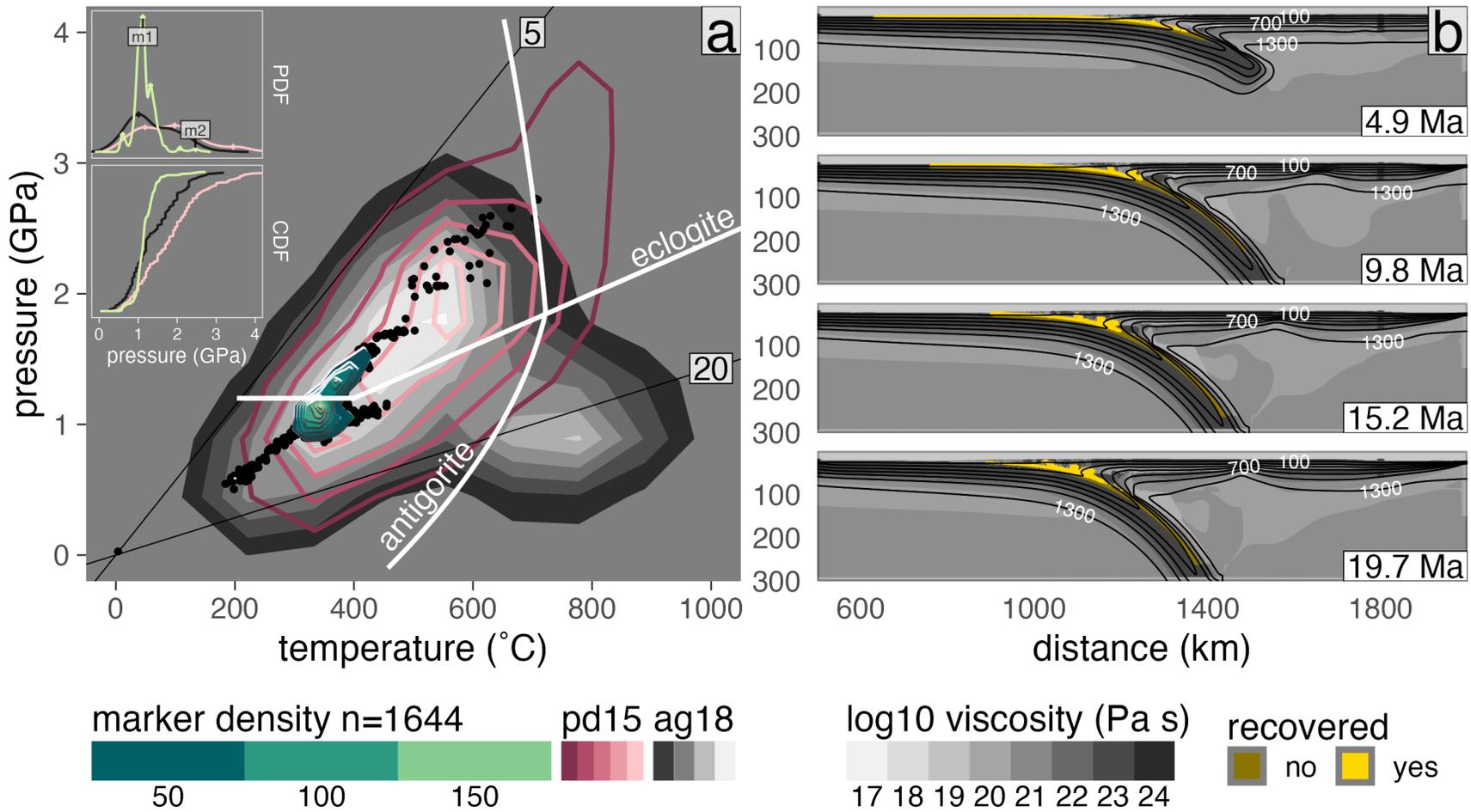


Figure S1: PT distribution of recovered markers from model cda46. Refer to the main text for explanation of panels and colors.

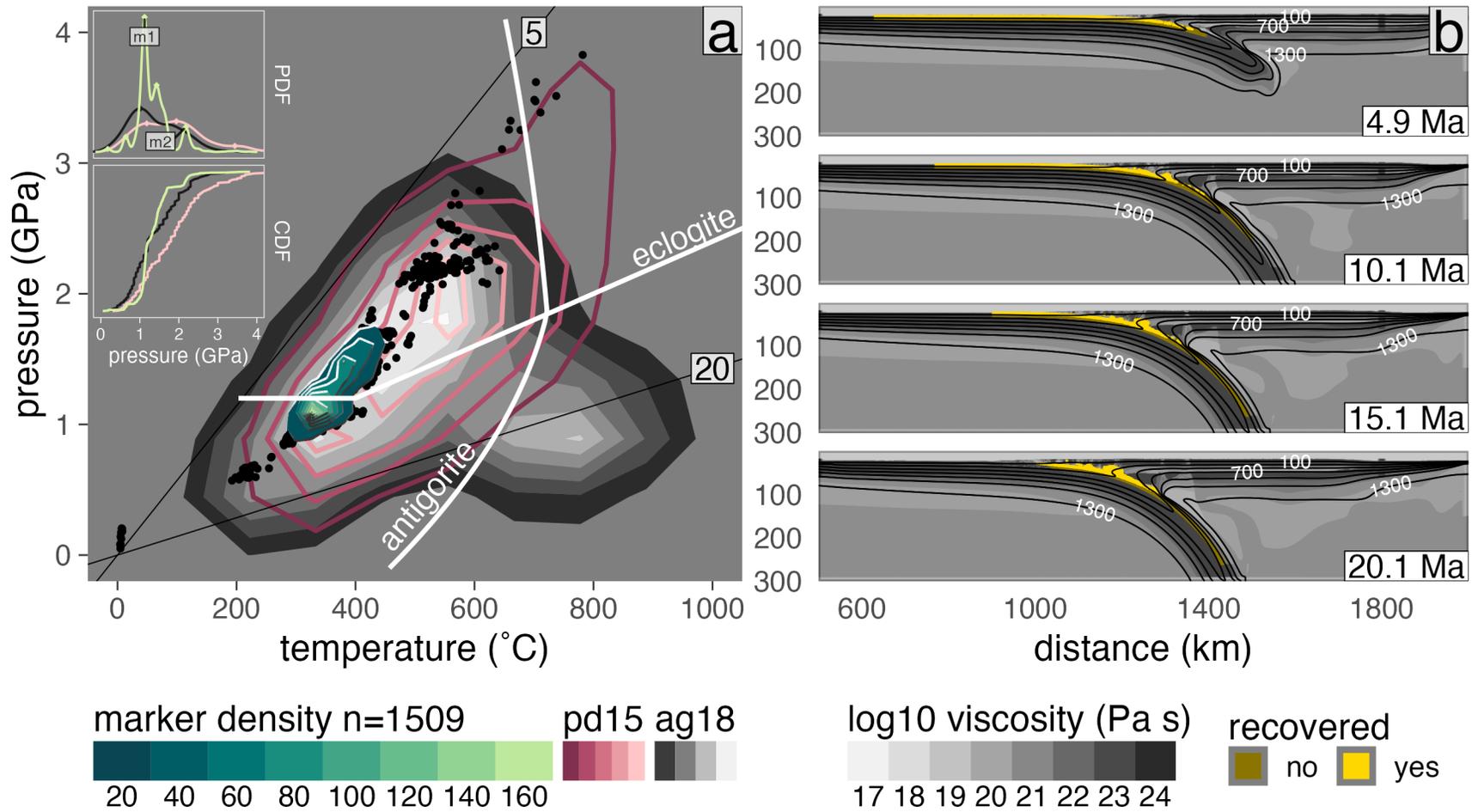


Figure S2: PT distribution of recovered markers from model cda62. Refer to the main text for explanation of panels and colors.

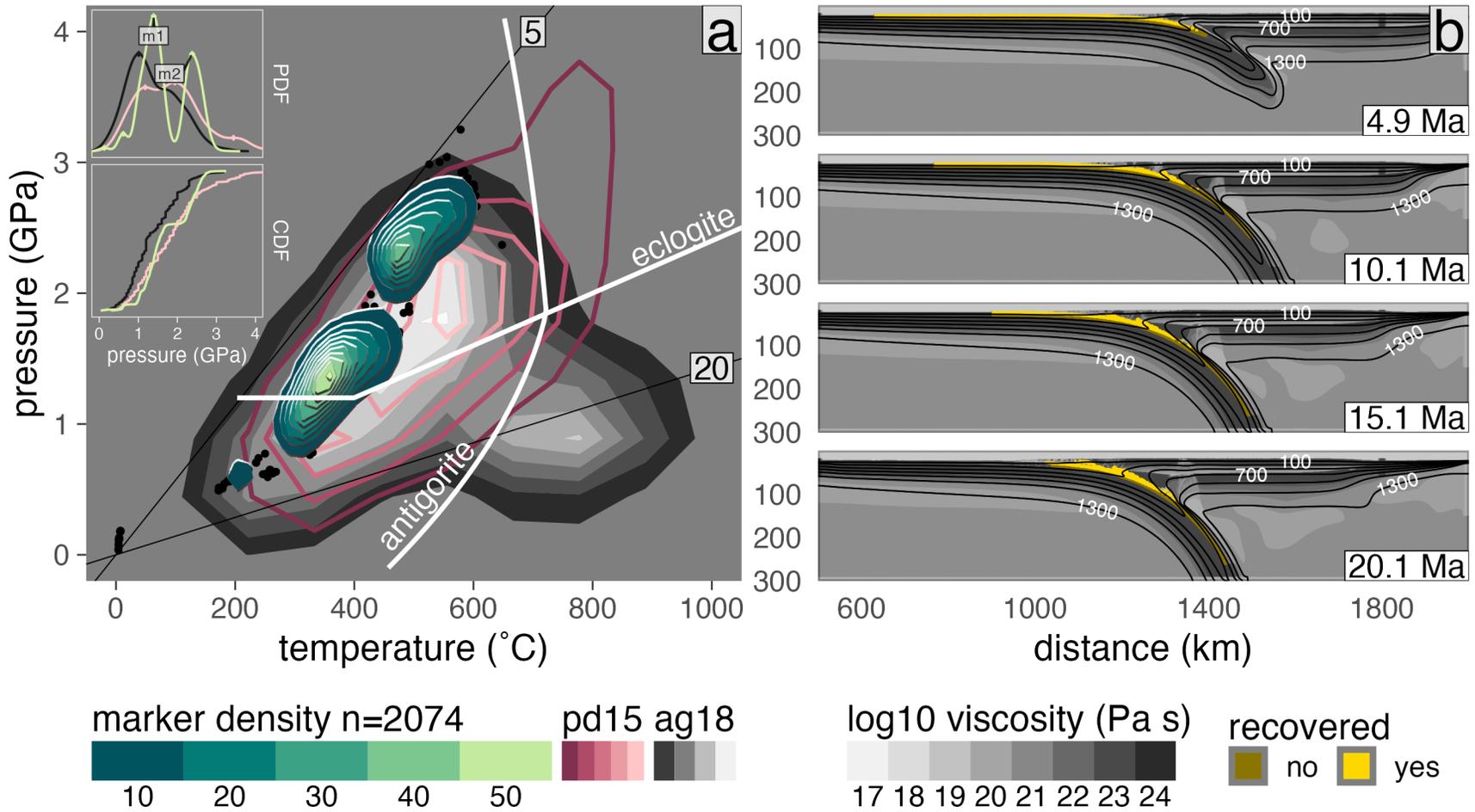


Figure S3: PT distribution of recovered markers from model cda78. Refer to the main text for explanation of panels and colors.

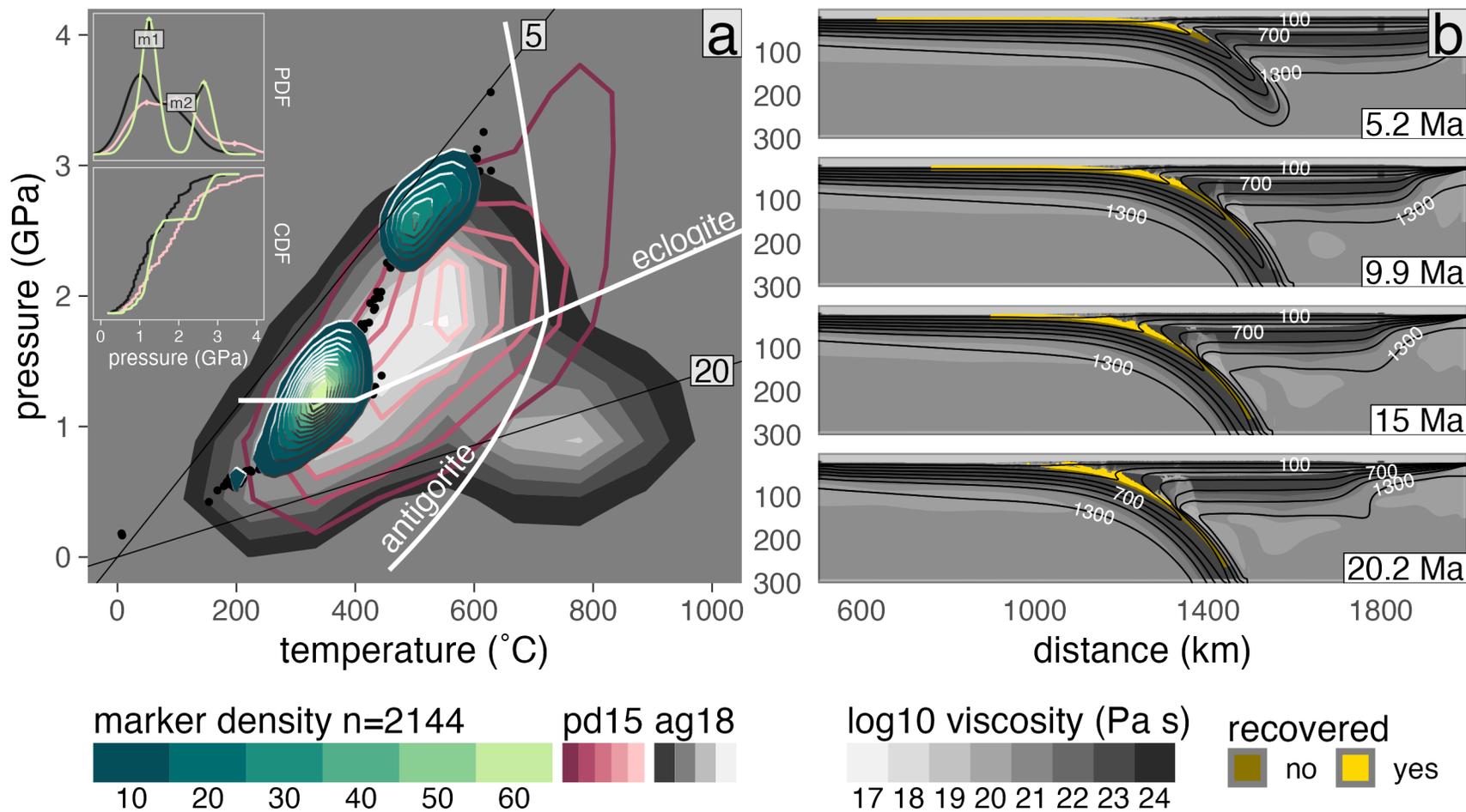


Figure S4: PT distribution of recovered markers from model cda94. Refer to the main text for explanation of panels and colors.

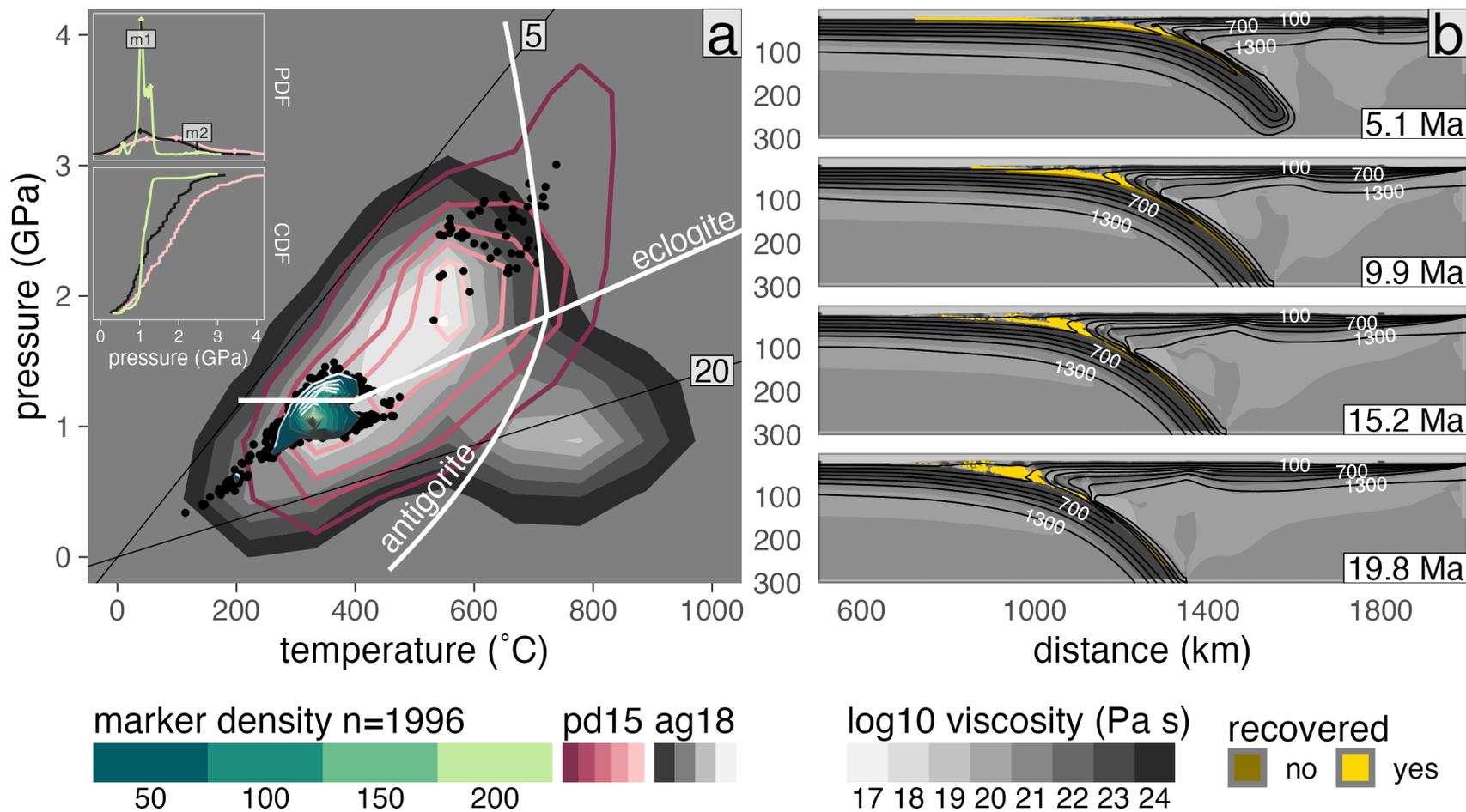


Figure S5: PT distribution of recovered markers from model cdb46. Refer to the main text for explanation of panels and colors.

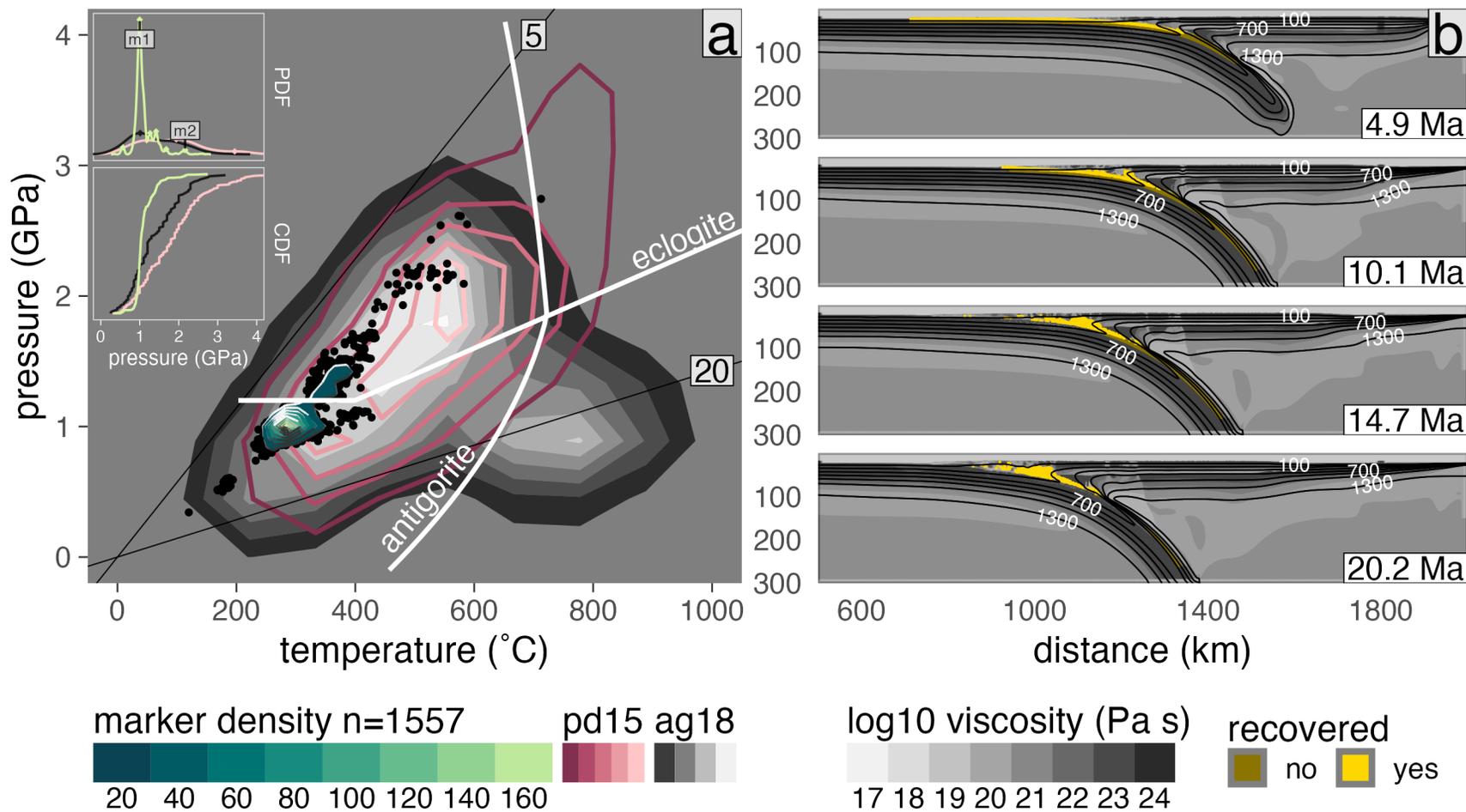


Figure S6: PT distribution of recovered markers from model cdb62. Refer to the main text for explanation of panels and colors.

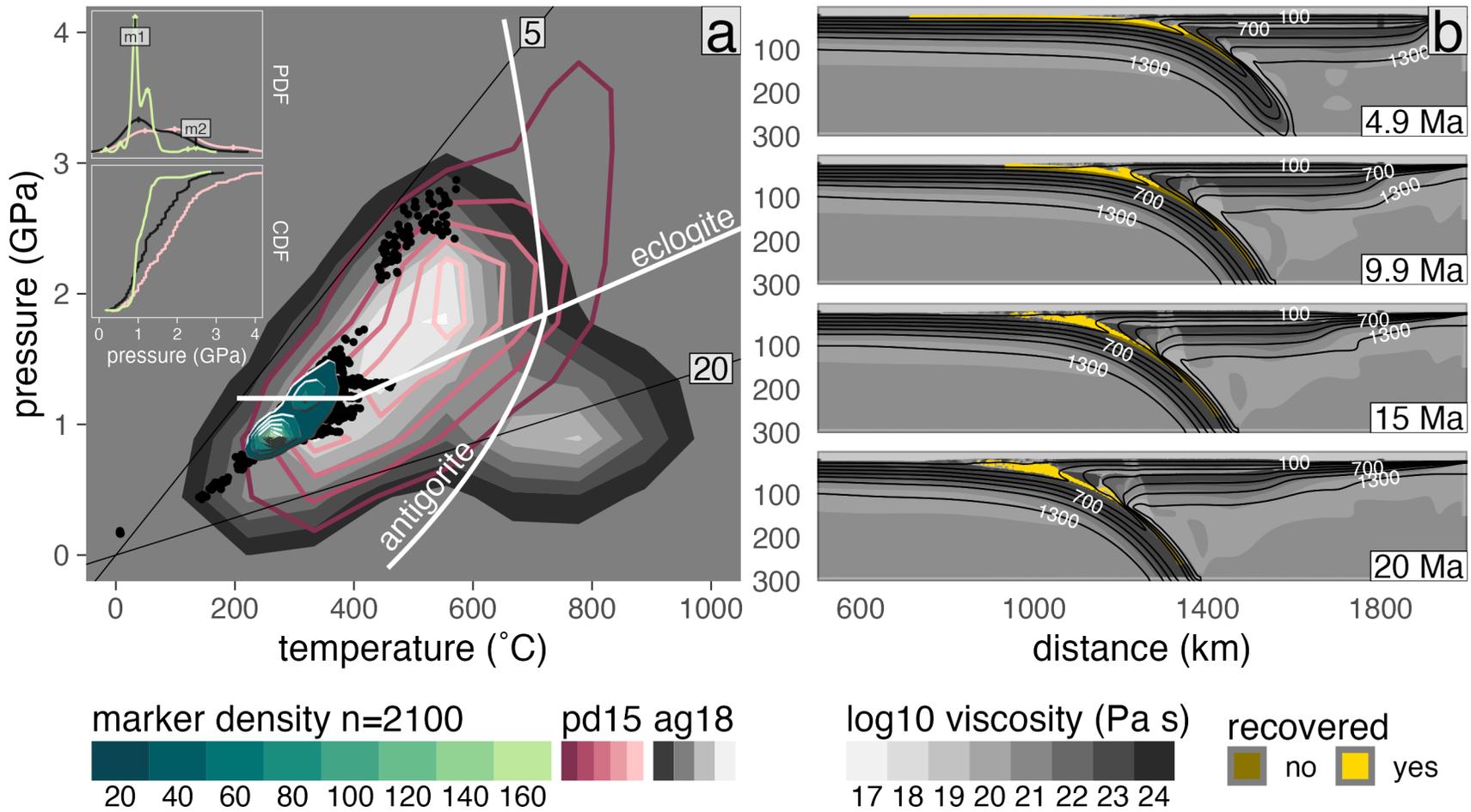


Figure S7: PT distribution of recovered markers from model cdb78. Refer to the main text for explanation of panels and colors.

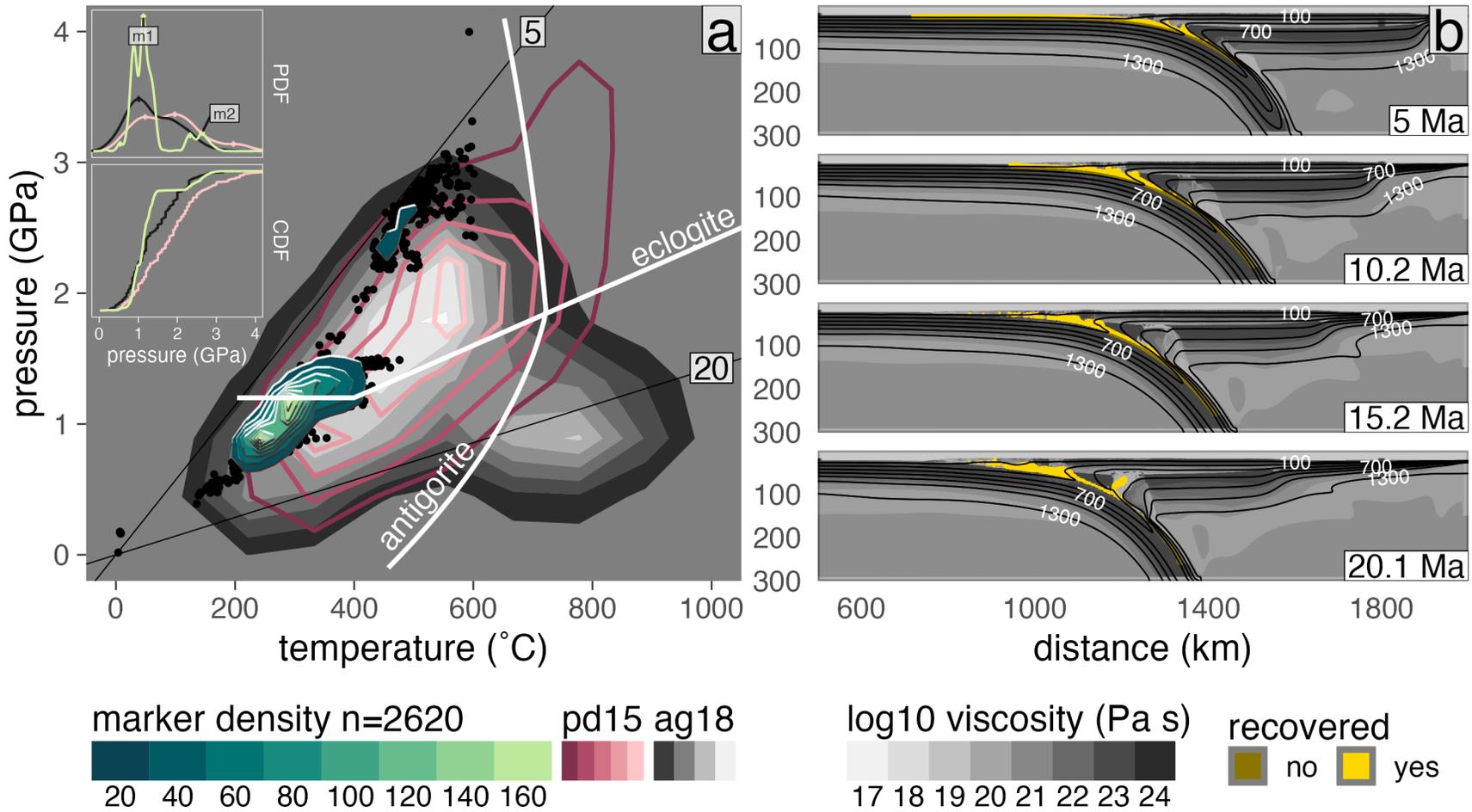


Figure S8: PT distribution of recovered markers from model cdb94. Refer to the main text for explanation of panels and colors.

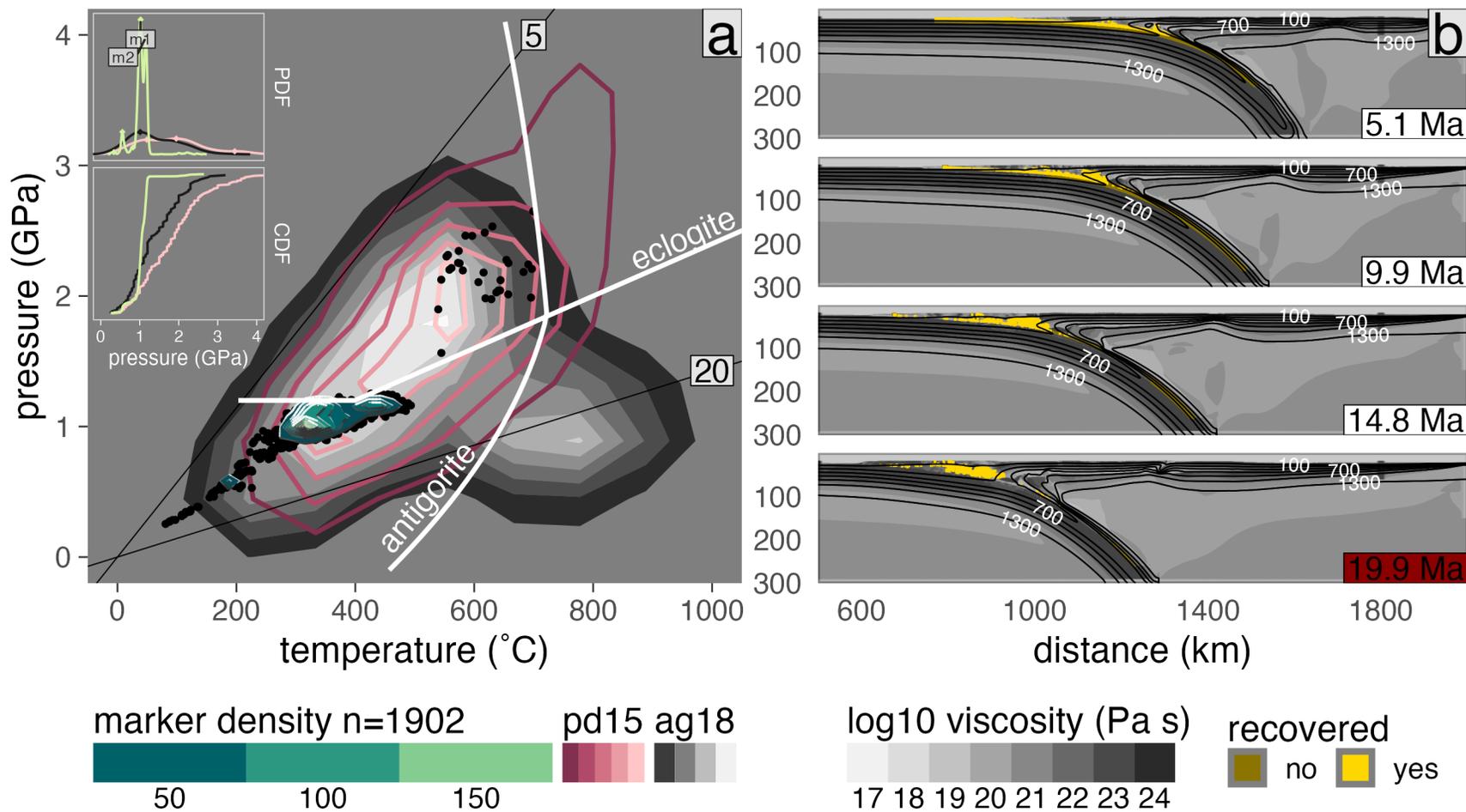


Figure S9: PT distribution of recovered markers from model cdc46. Refer to the main text for explanation of panels and colors.

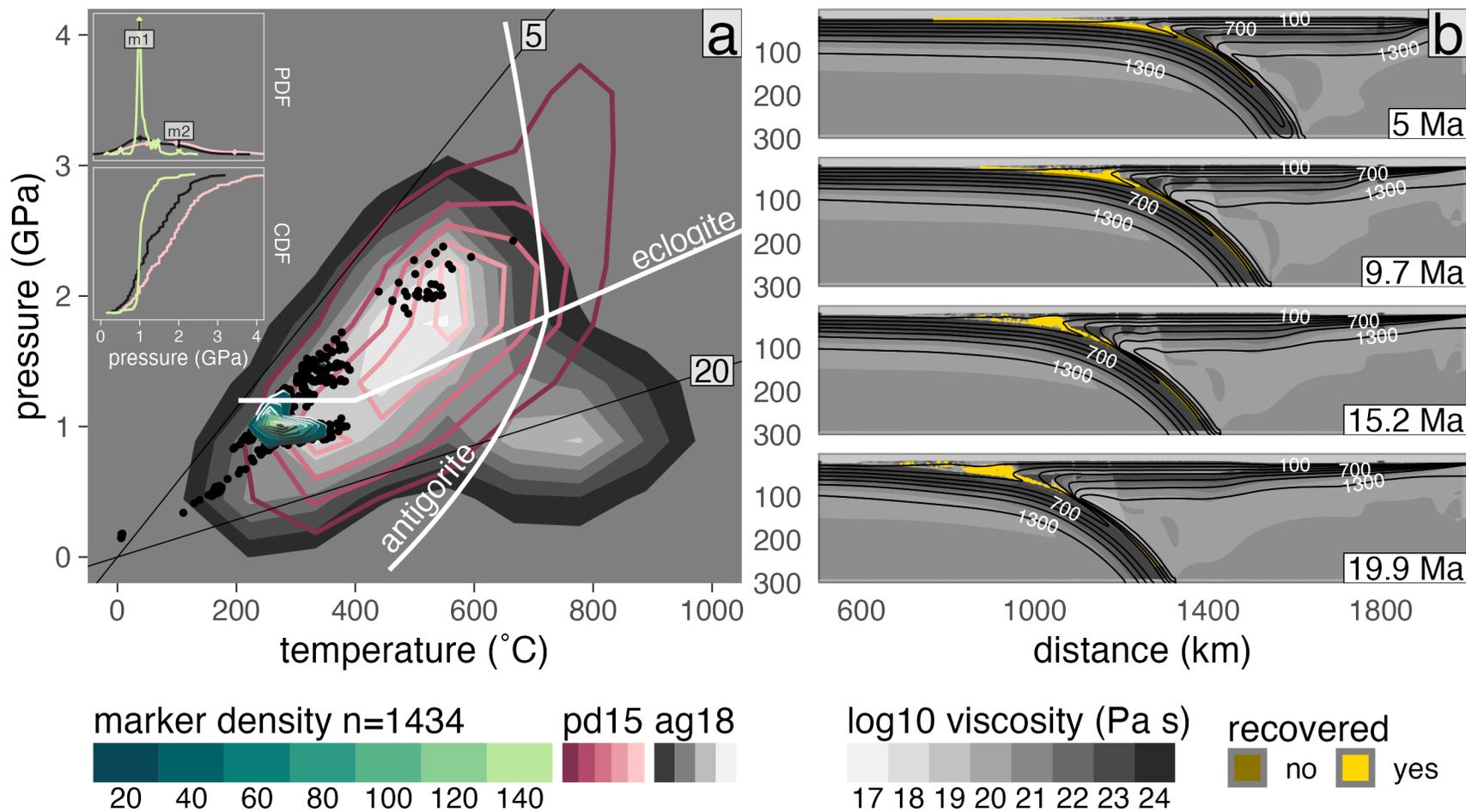


Figure S10: PT distribution of recovered markers from model cdc62. Refer to the main text for explanation of panels and colors.

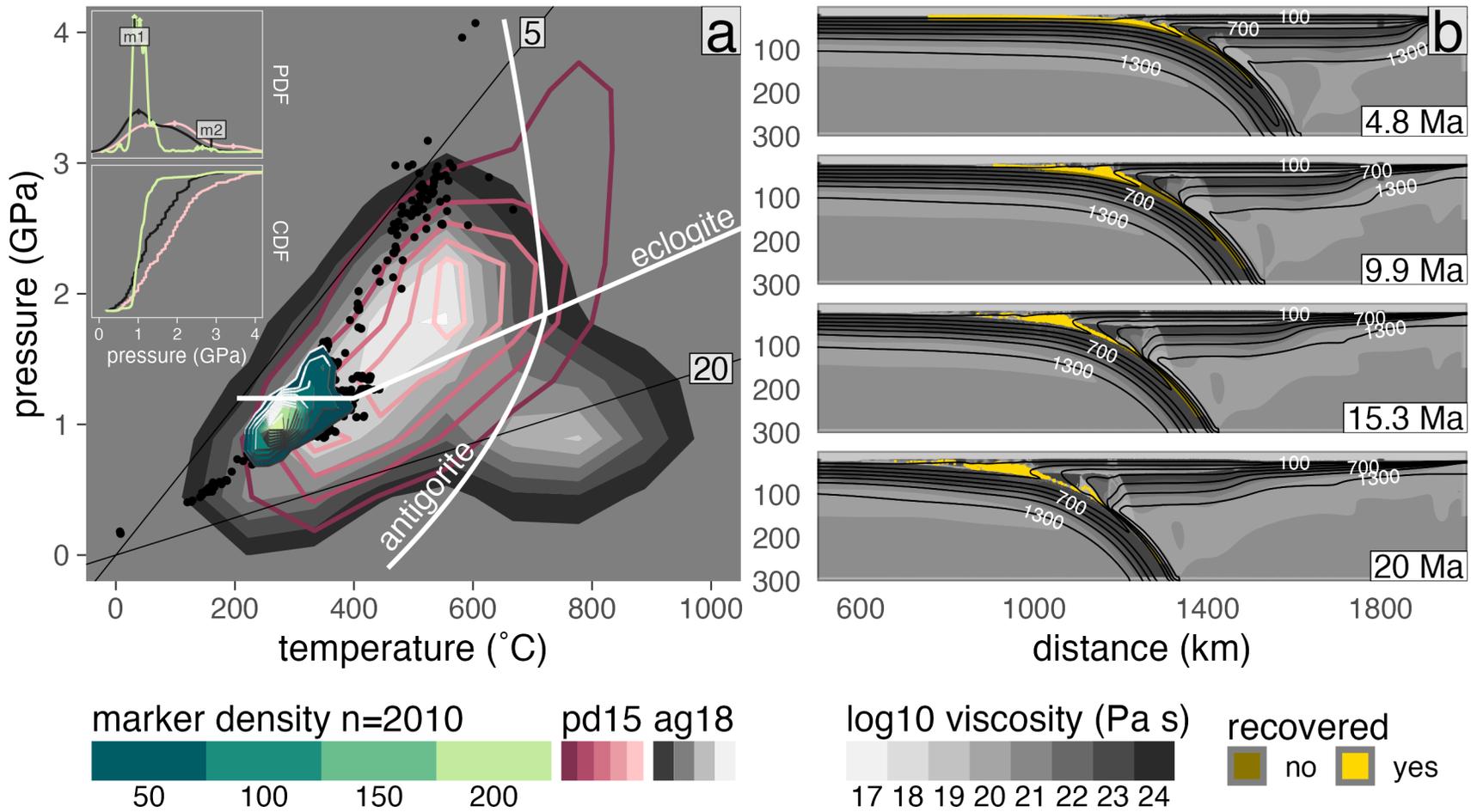


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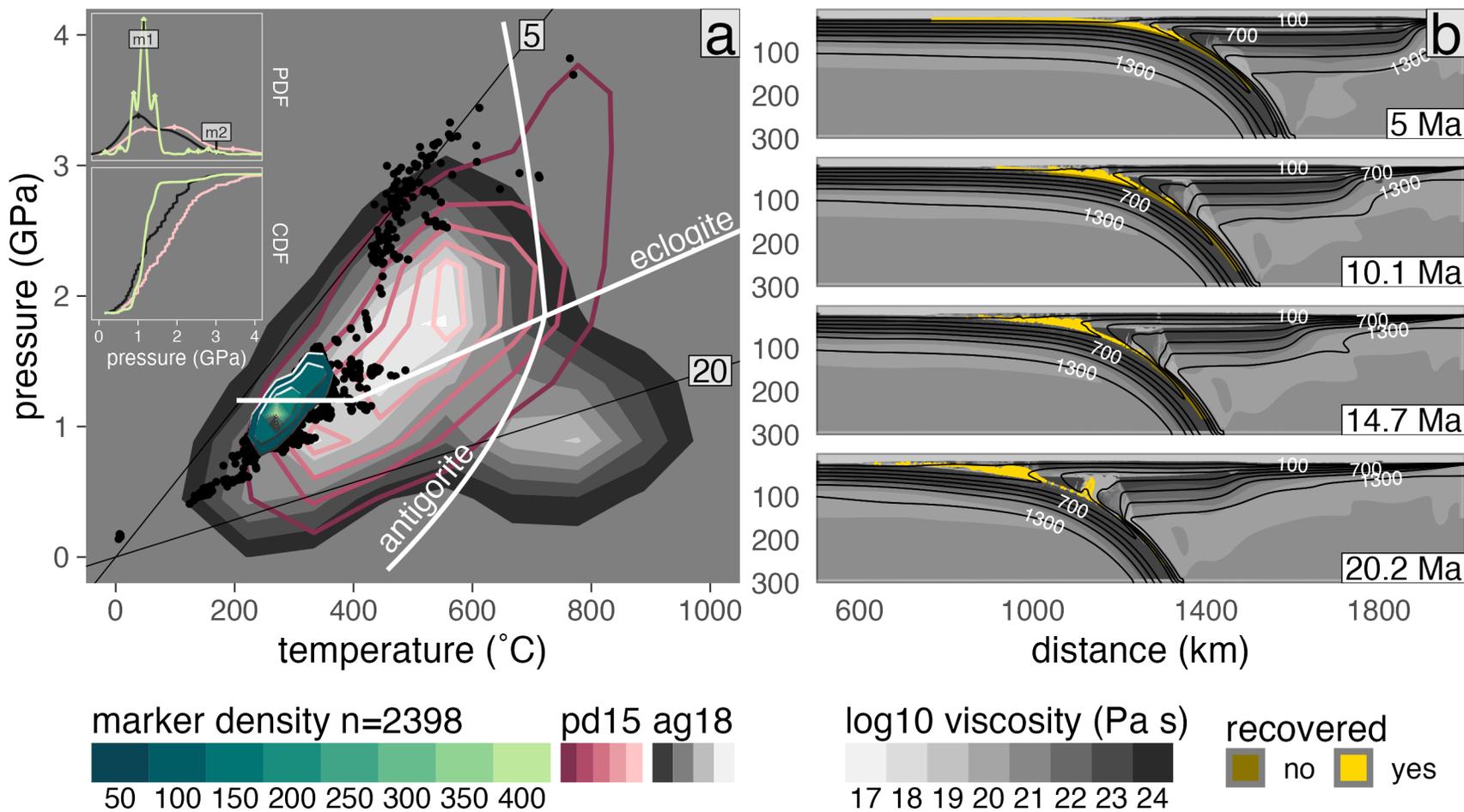


Figure S12: PT distribution of recovered markers from model cdc94. Refer to the main text for explanation of panels and colors.

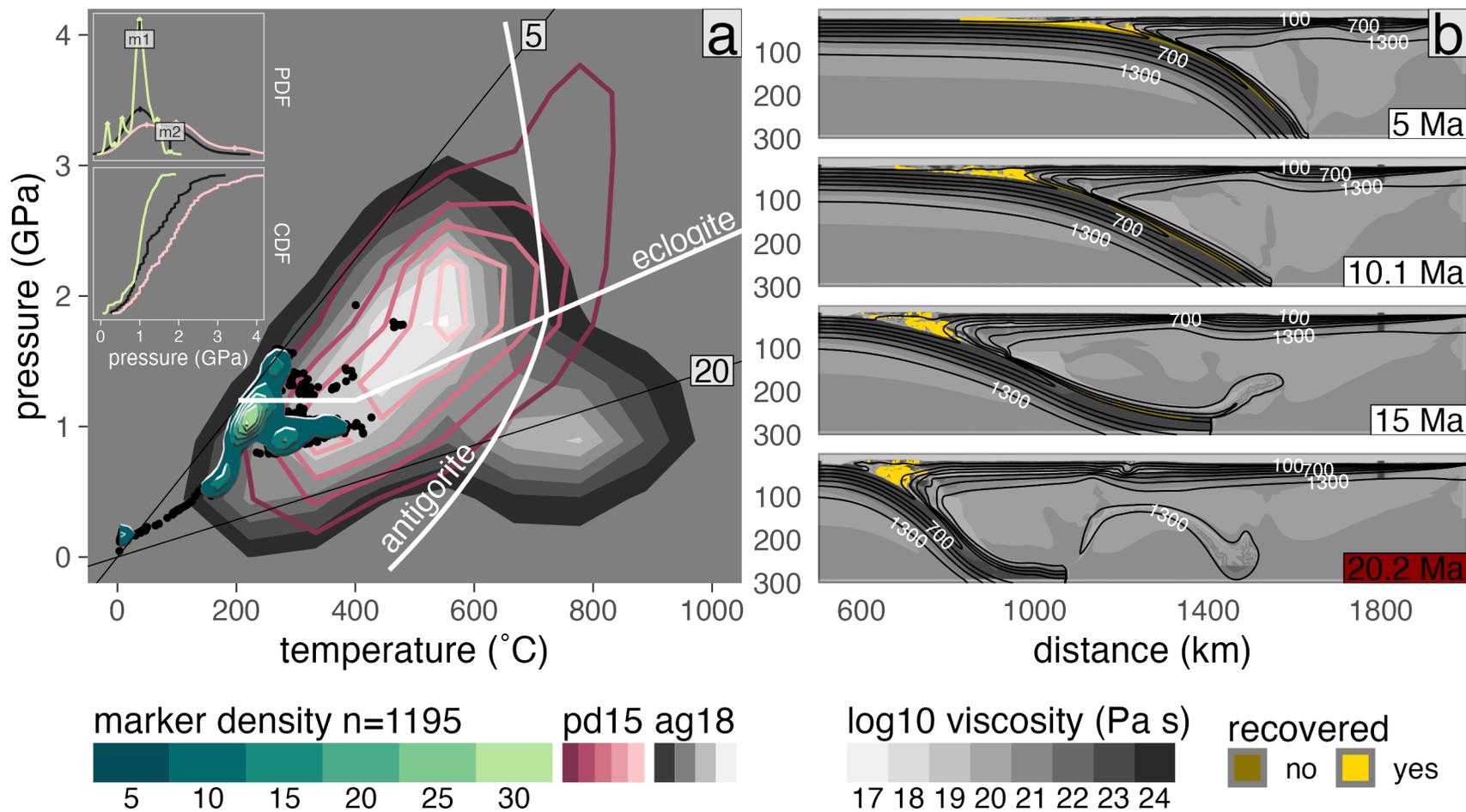


Figure S13: PT distribution of recovered markers from model cdd46. Refer to the main text for explanation of panels and colors.

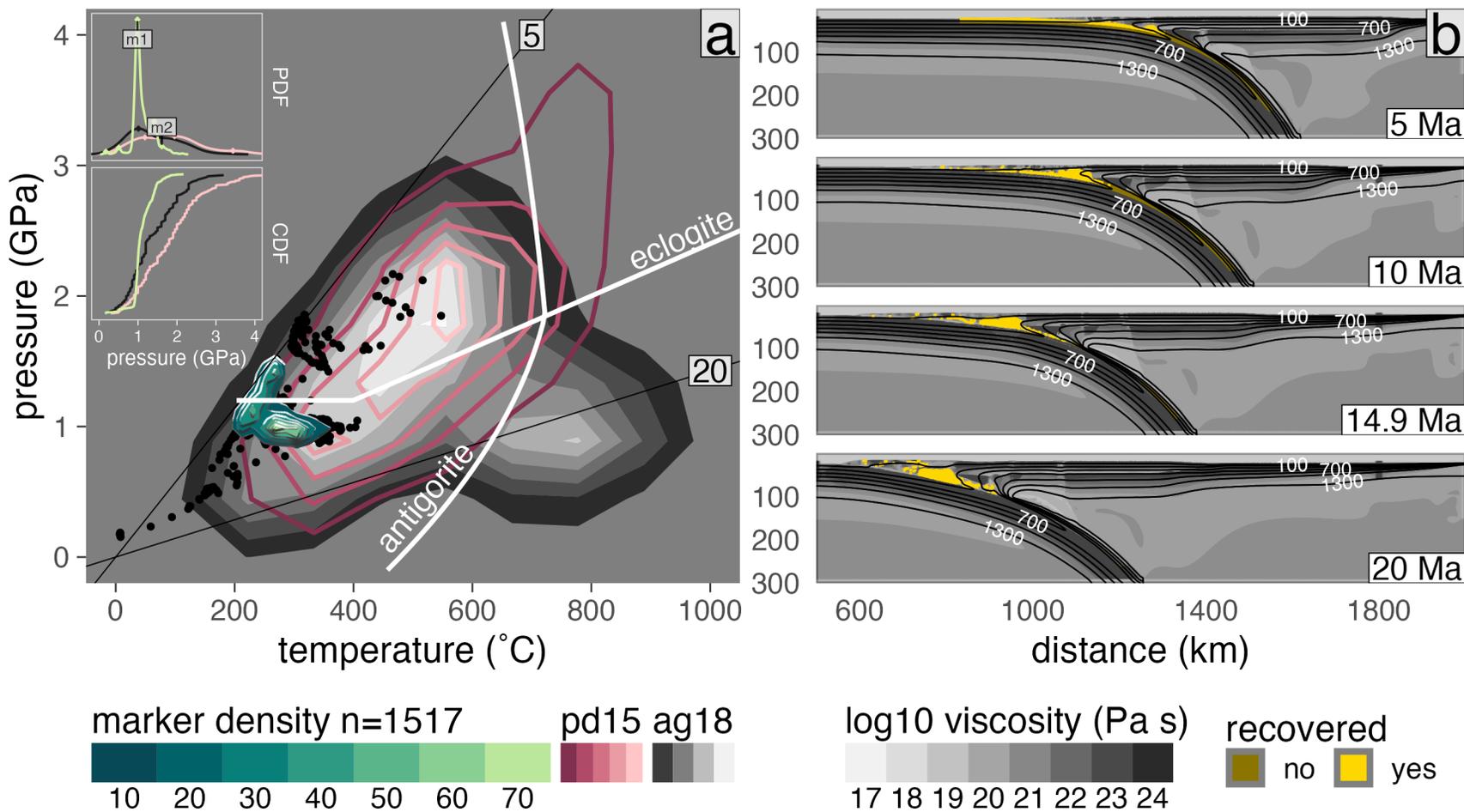


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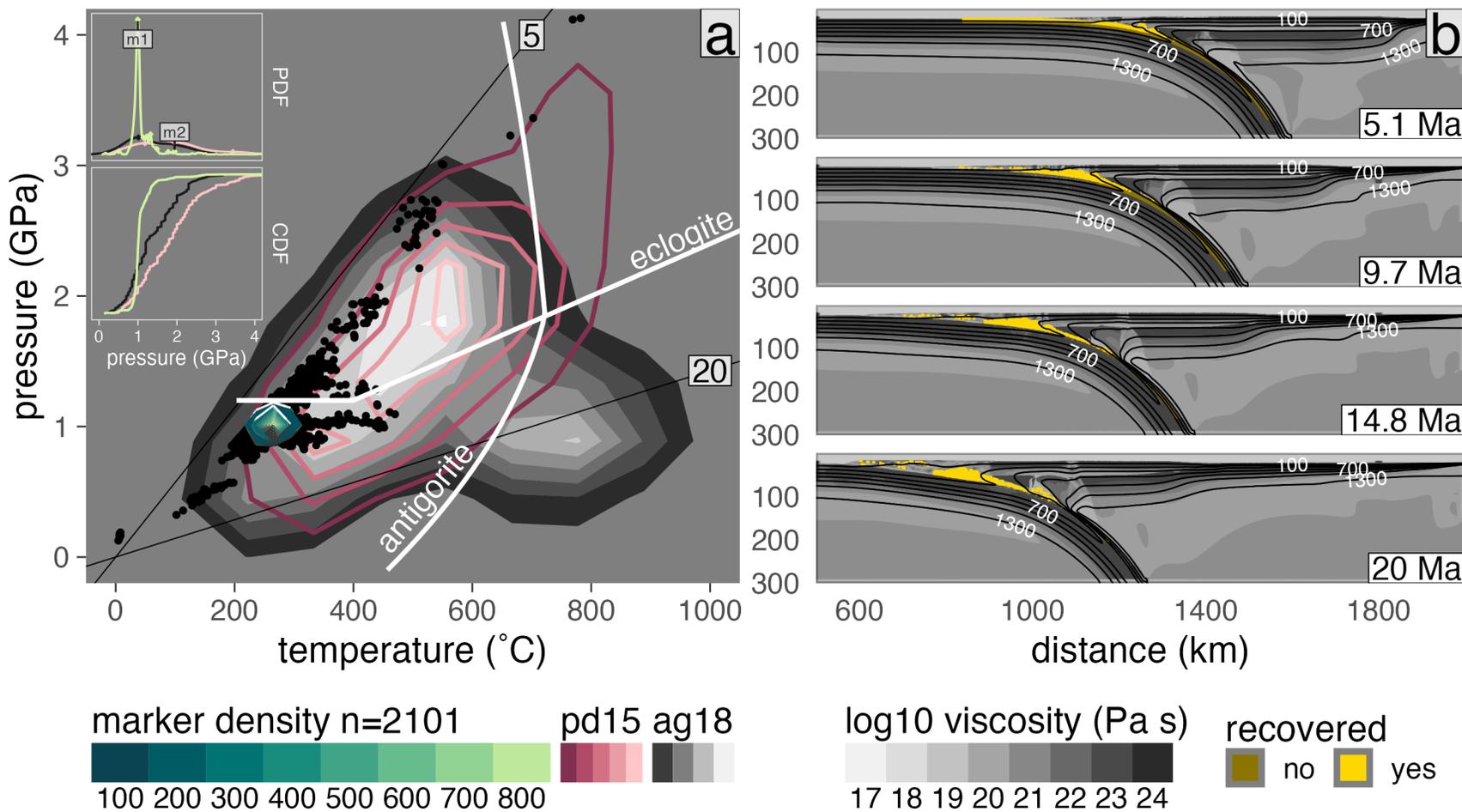


Figure S15: PT distribution of recovered markers from model cdd78. Refer to the main text for explanation of panels and colors.

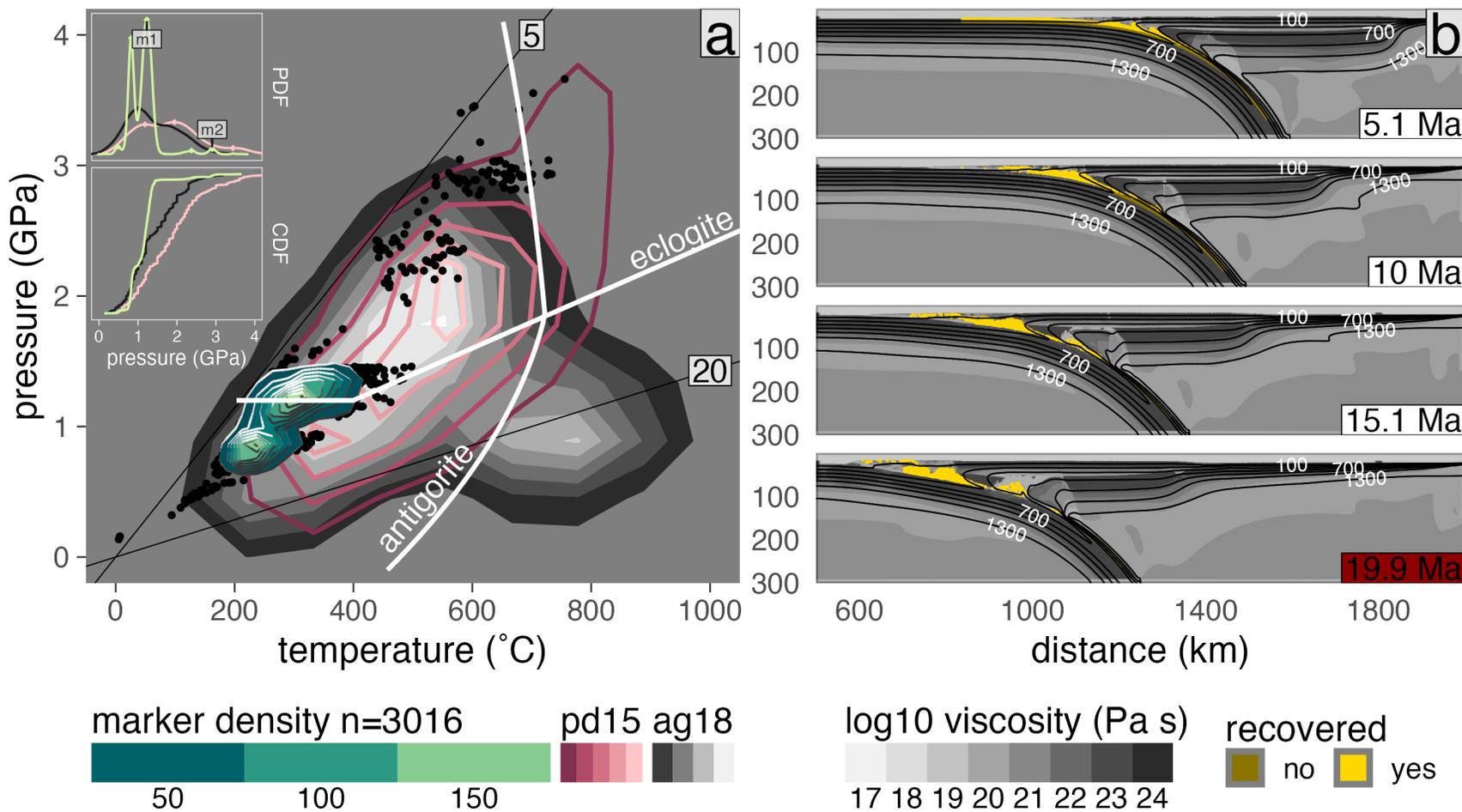


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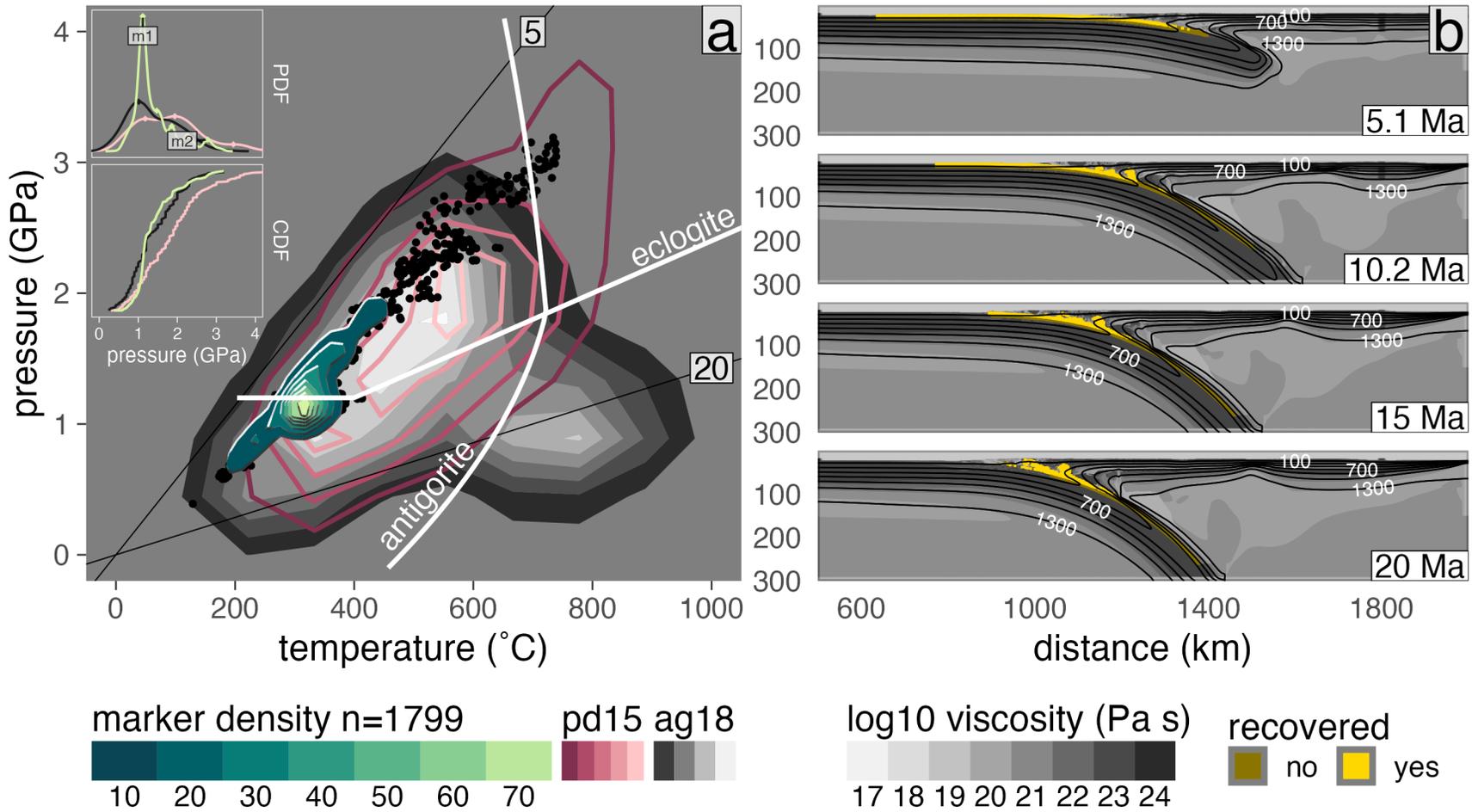


Figure S17: PT distribution of recovered markers from model cde46. Refer to the main text for explanation of panels and colors.

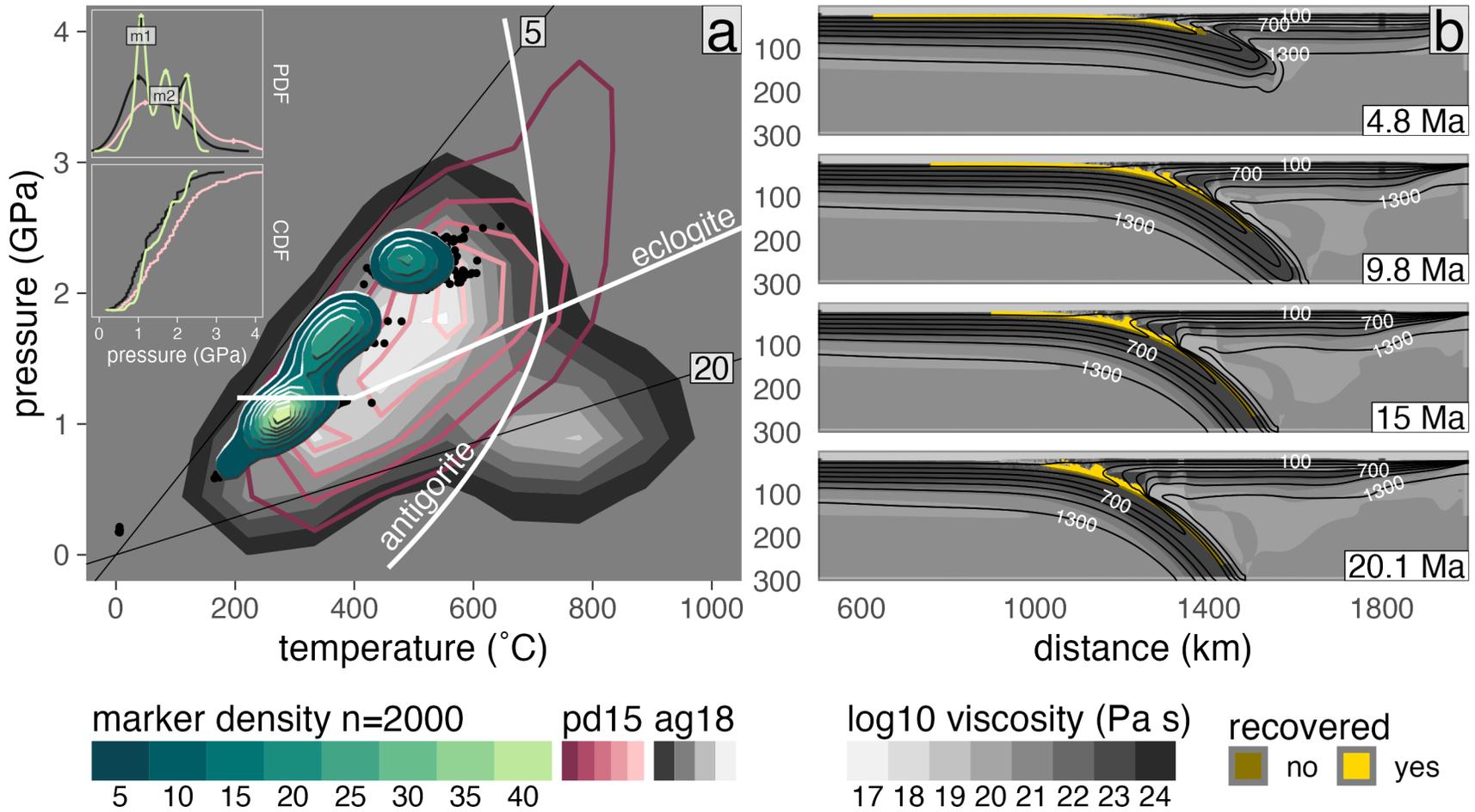


Figure S18: PT distribution of recovered markers from model cde62. Refer to the main text for explanation of panels and colors.

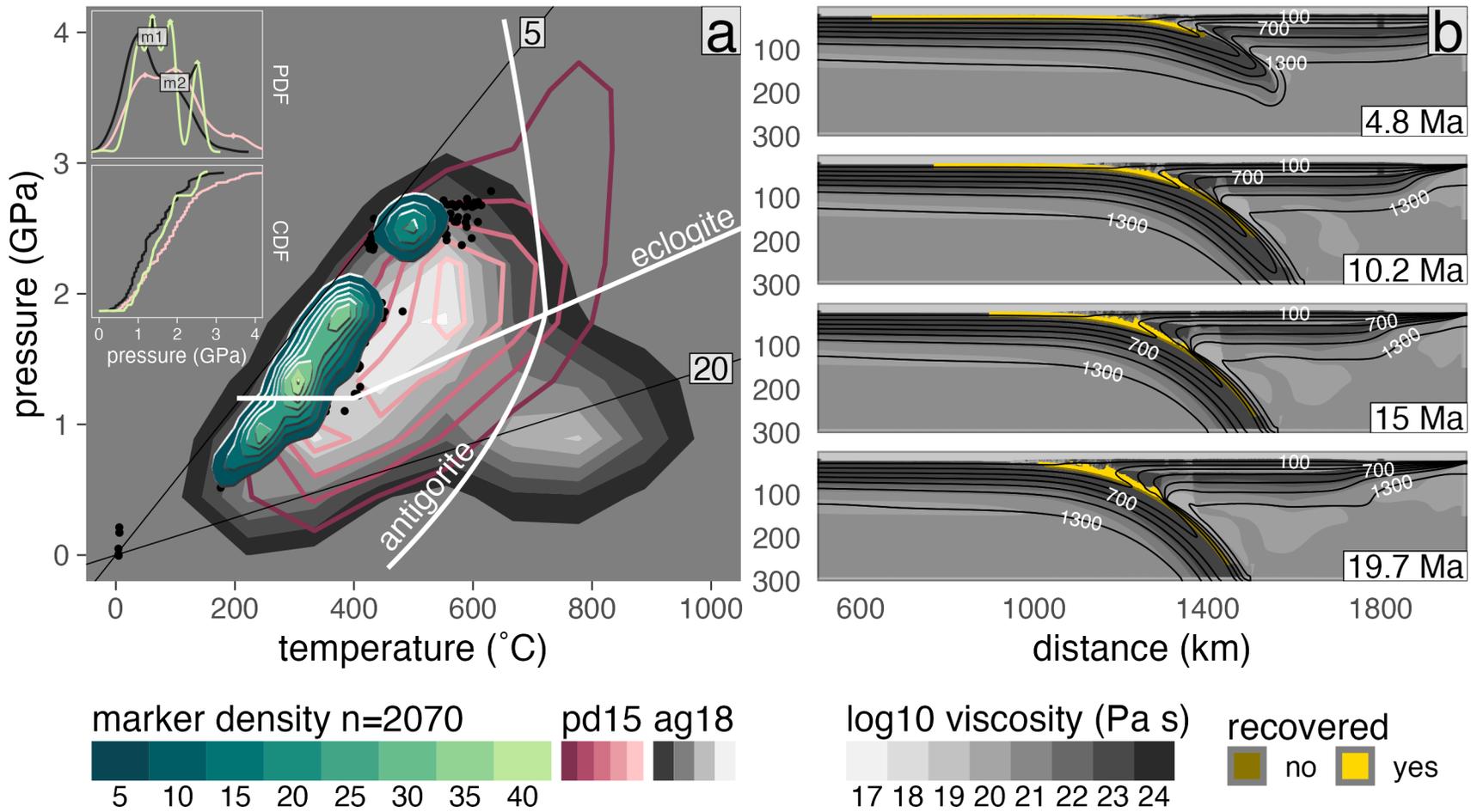


Figure S19: PT distribution of recovered markers from model cde78. Refer to the main text for explanation of panels and colors.

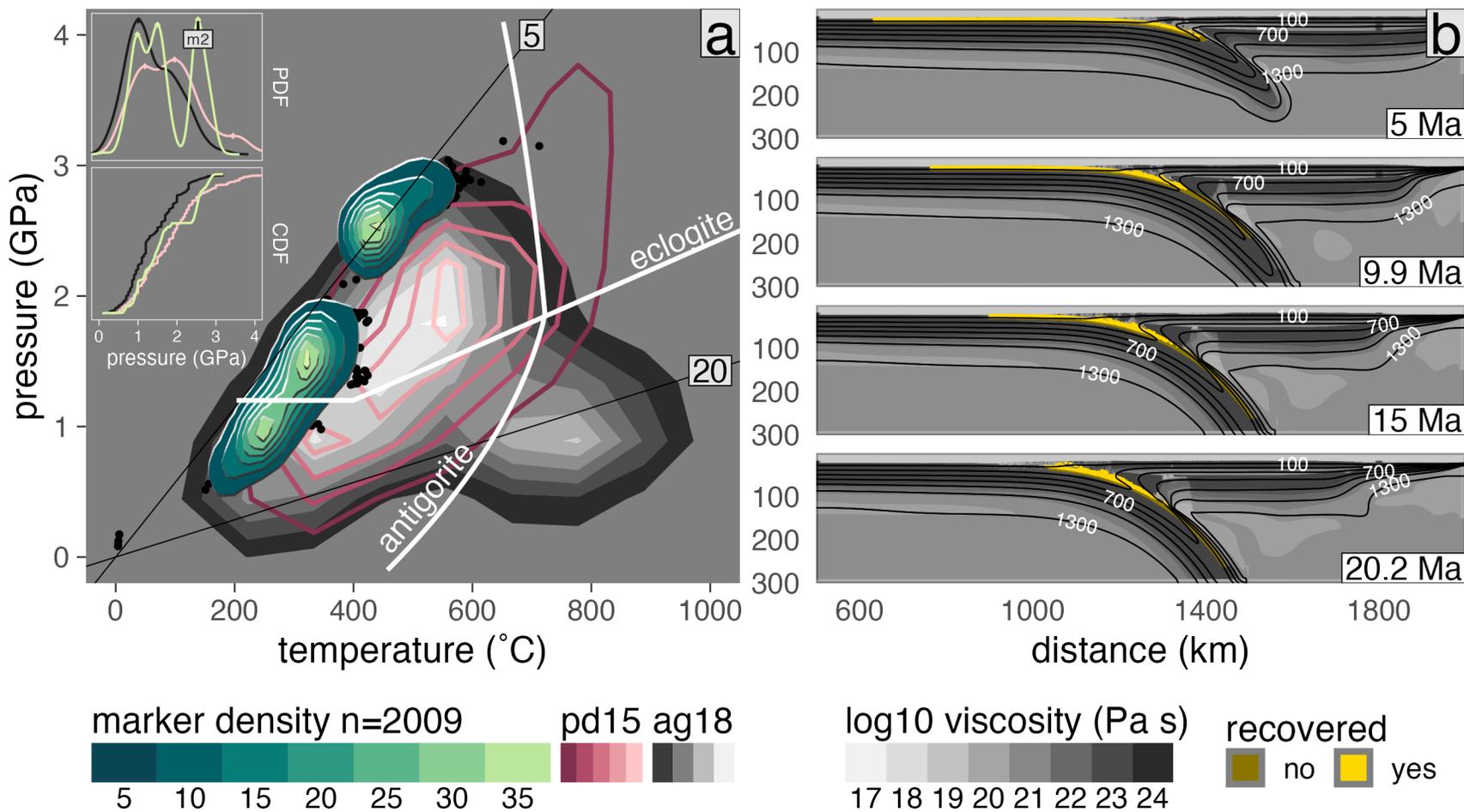


Figure S20: PT distribution of recovered markers from model cde94. Refer to the main text for explanation of panels and colors.

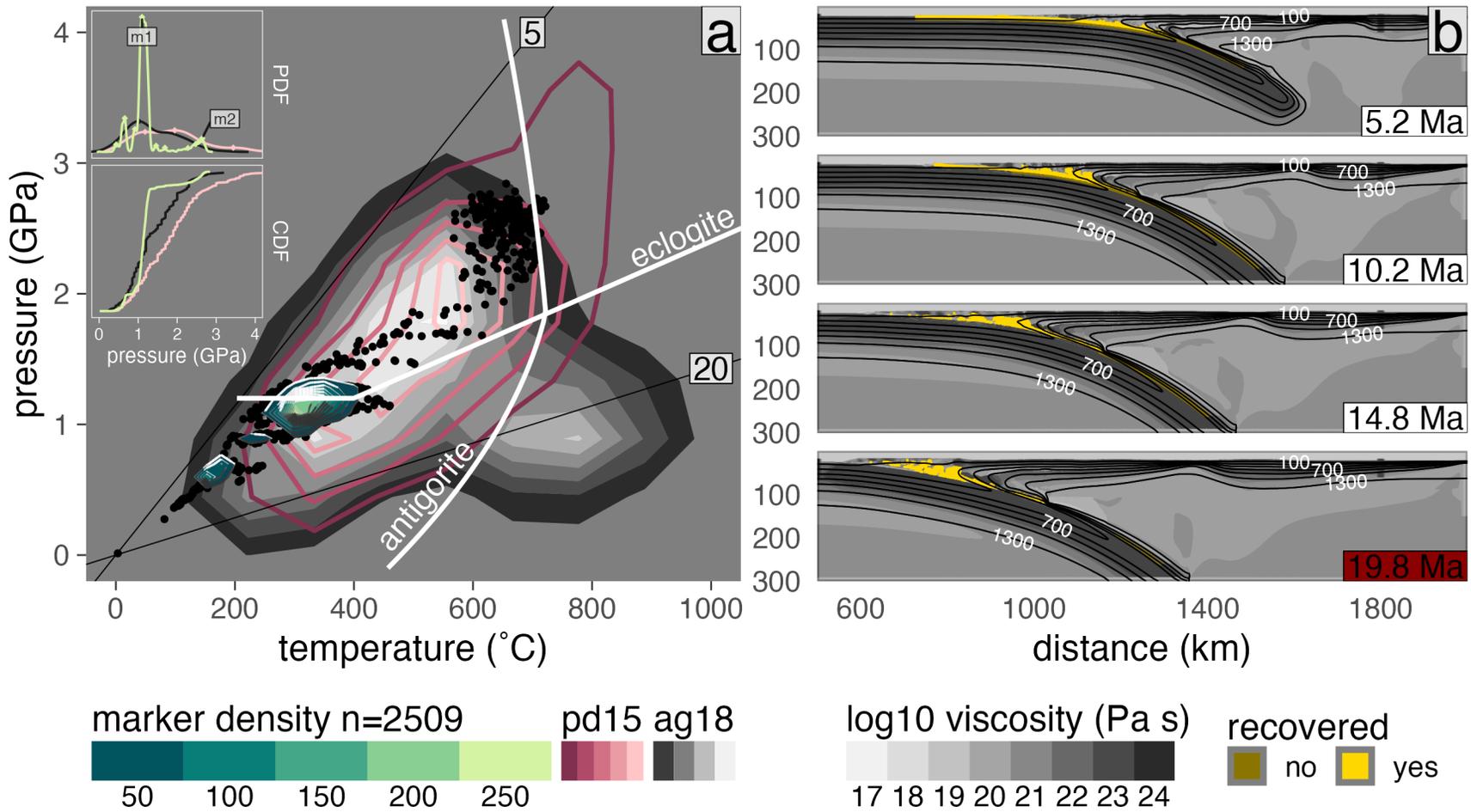


Figure S21: PT distribution of recovered markers from model cdf46. Refer to the main text for explanation of panels and colors.

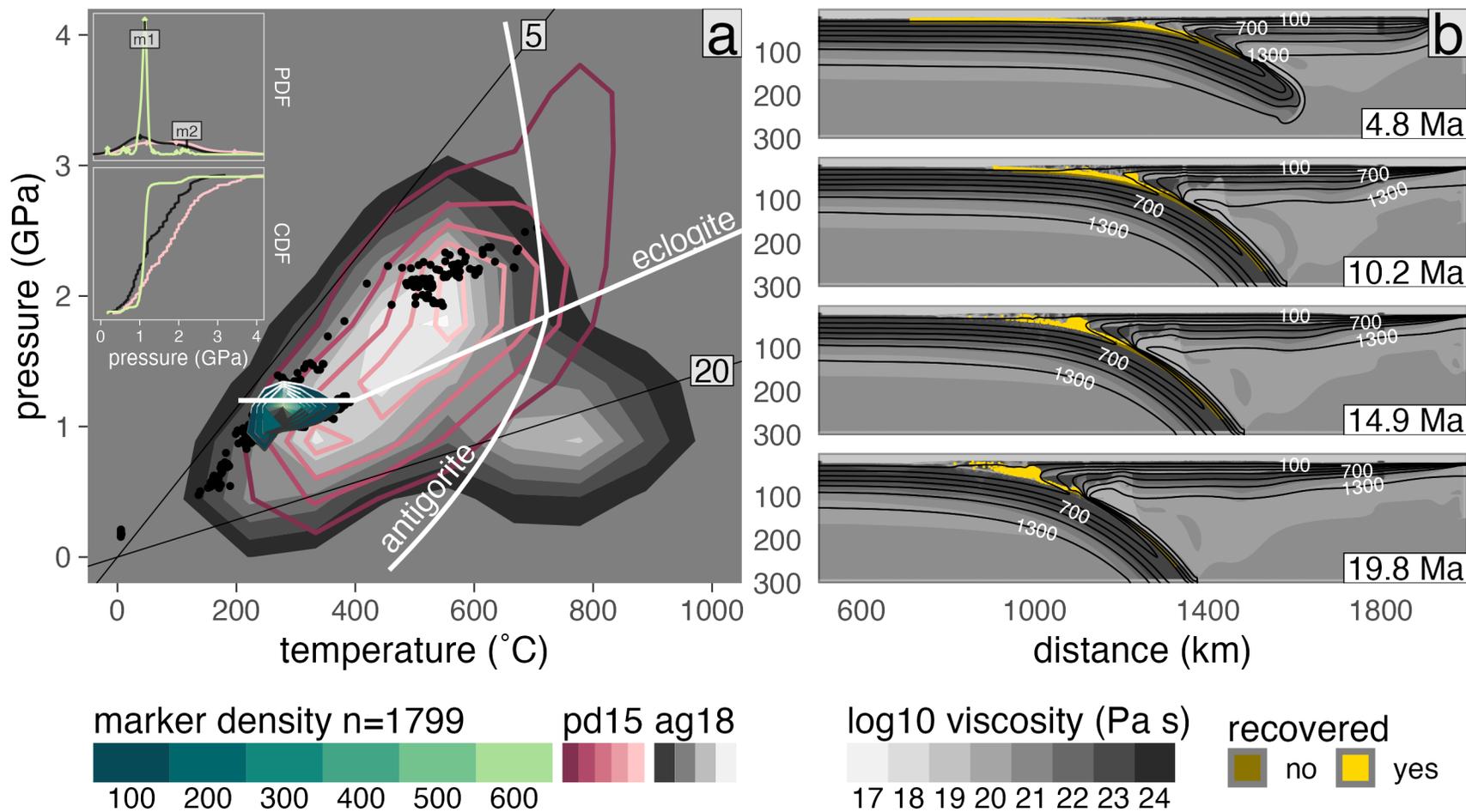


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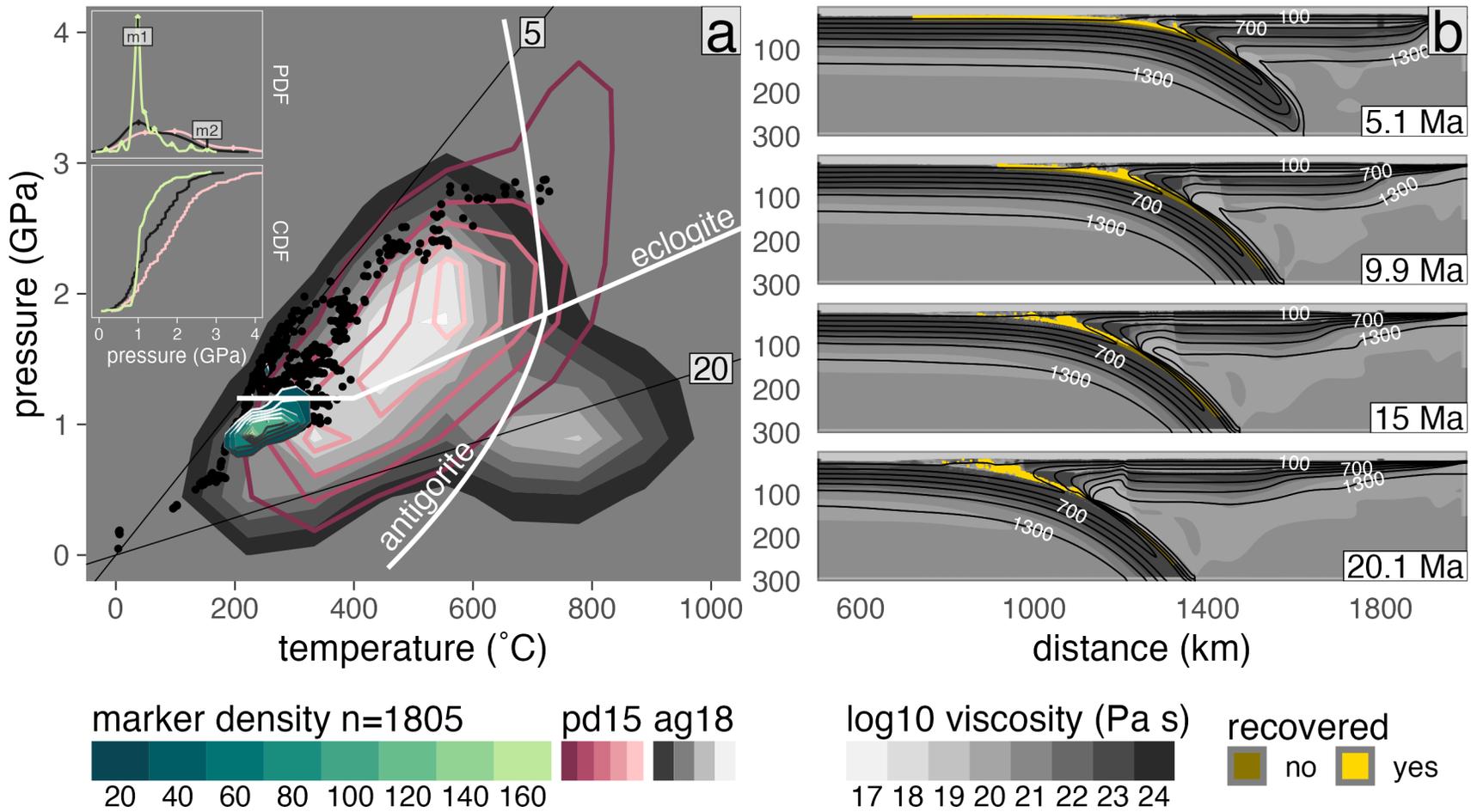


Figure S23: PT distribution of recovered markers from model cdf78. Refer to the main text for explanation of panels and colors.

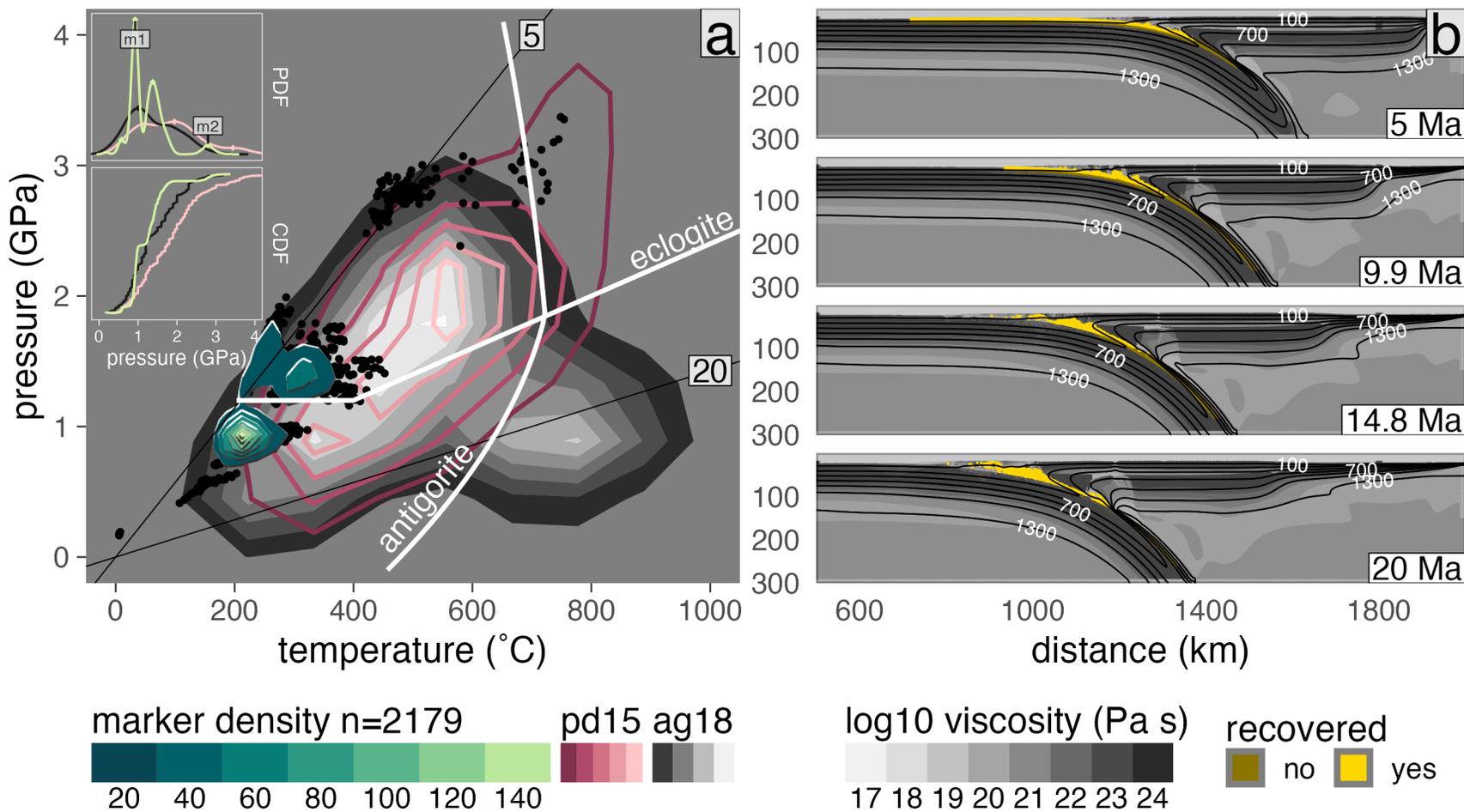


Figure S24: PT distribution of recovered markers from model cdf94. Refer to the main text for explanation of panels and colors.

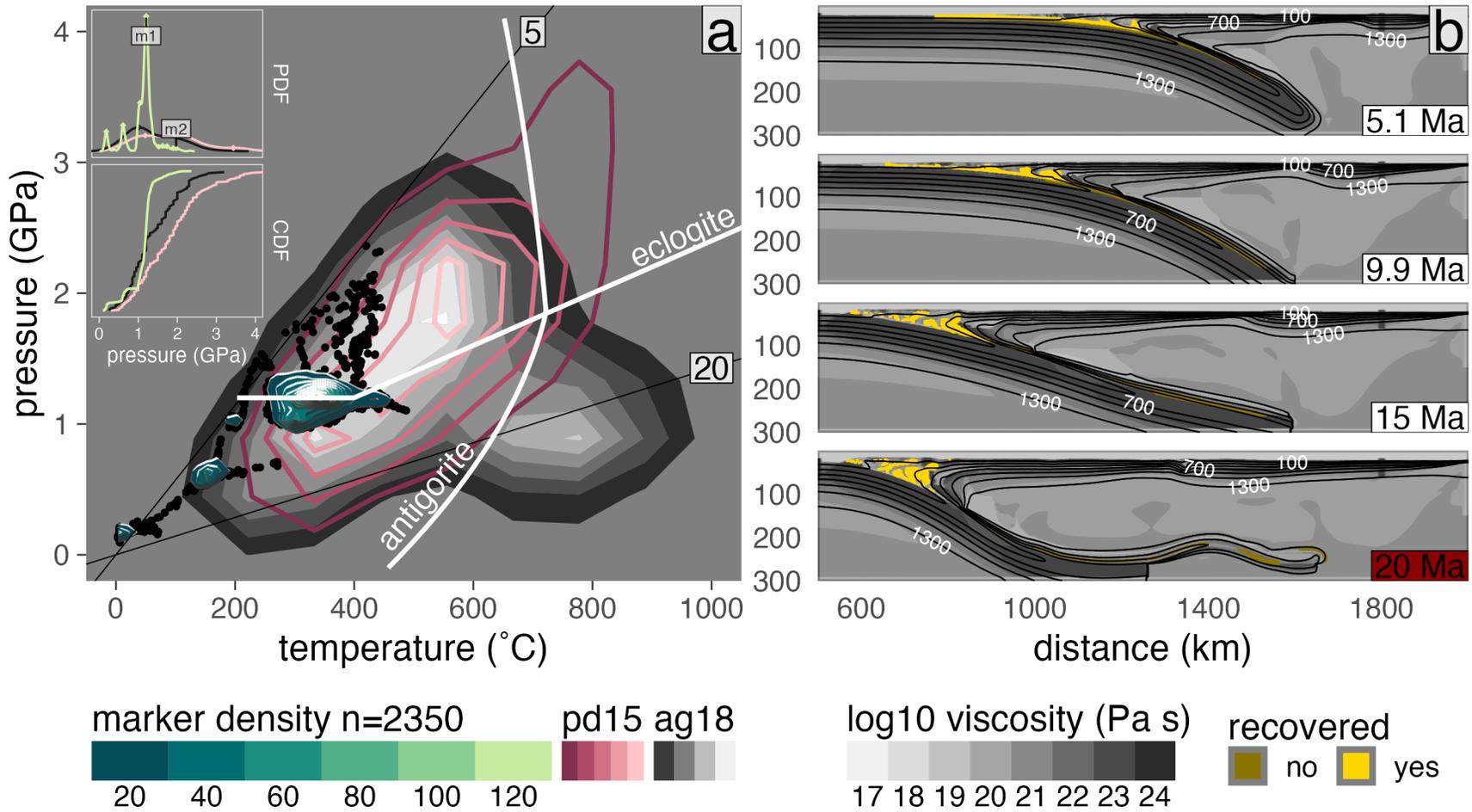


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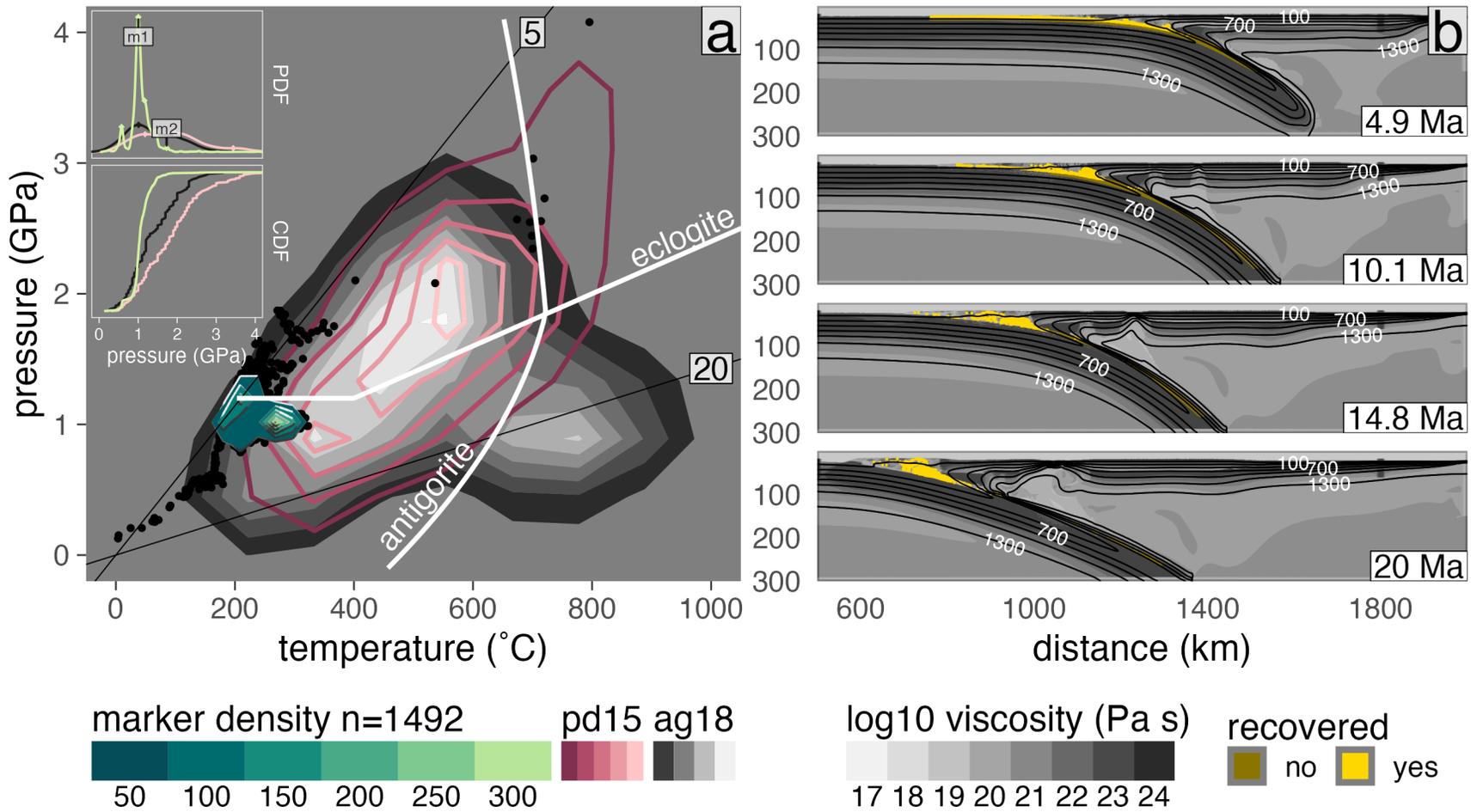


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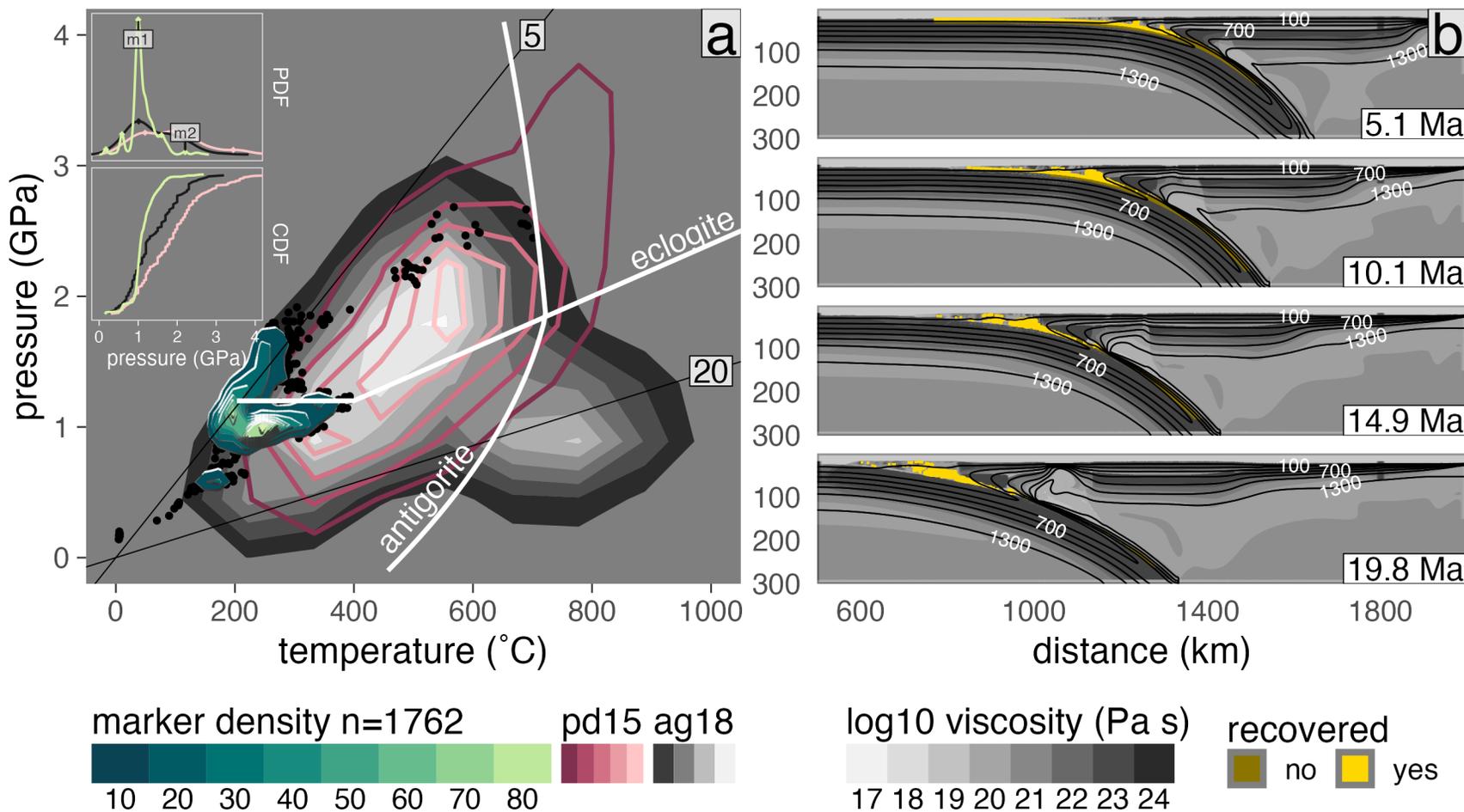


Figure S27: PT distribution of recovered markers from model cdg78. Refer to the main text for explanation of panels and colors.

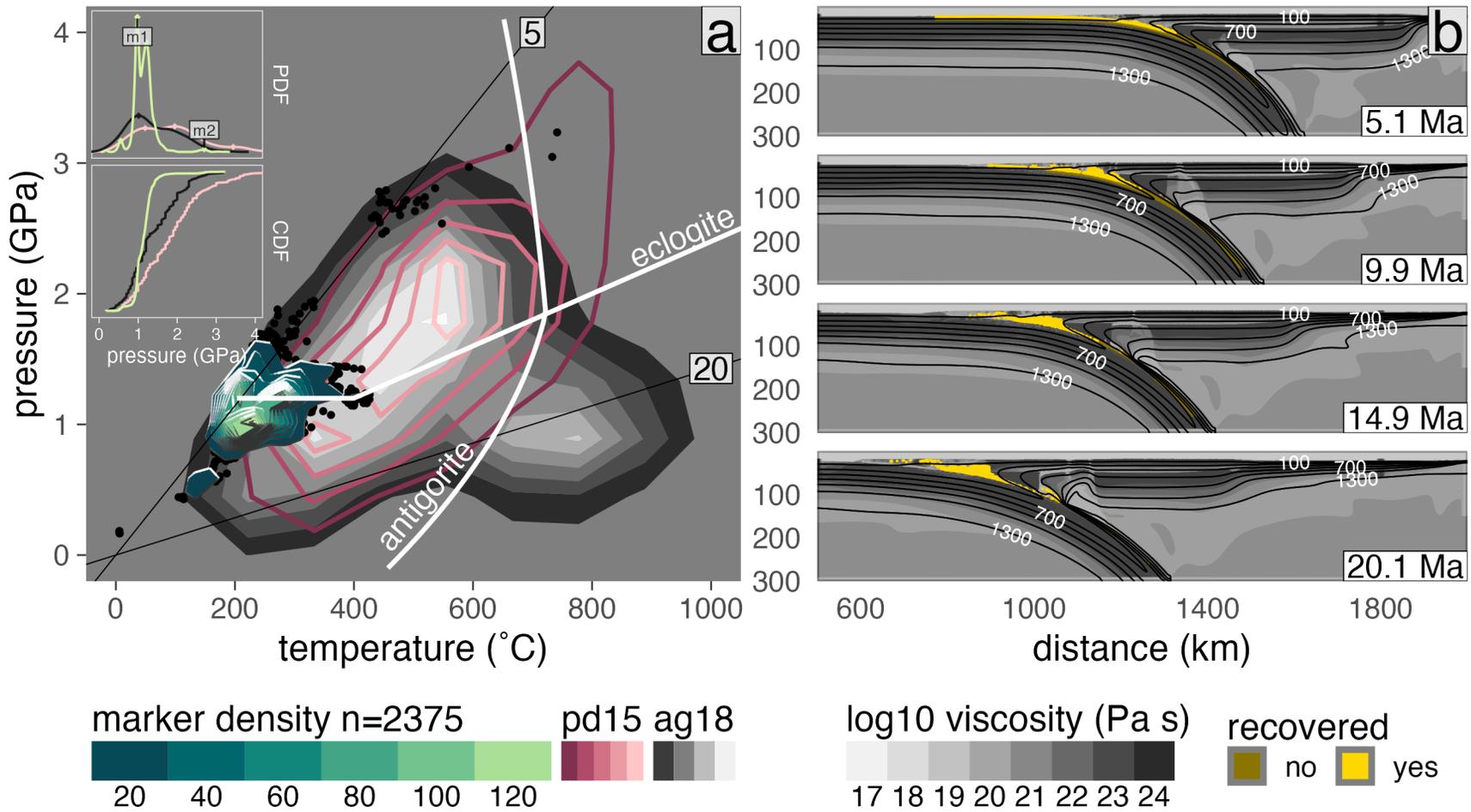


Figure S28: PT distribution of recovered markers from model cdg94. Refer to the main text for explanation of panels and colors.

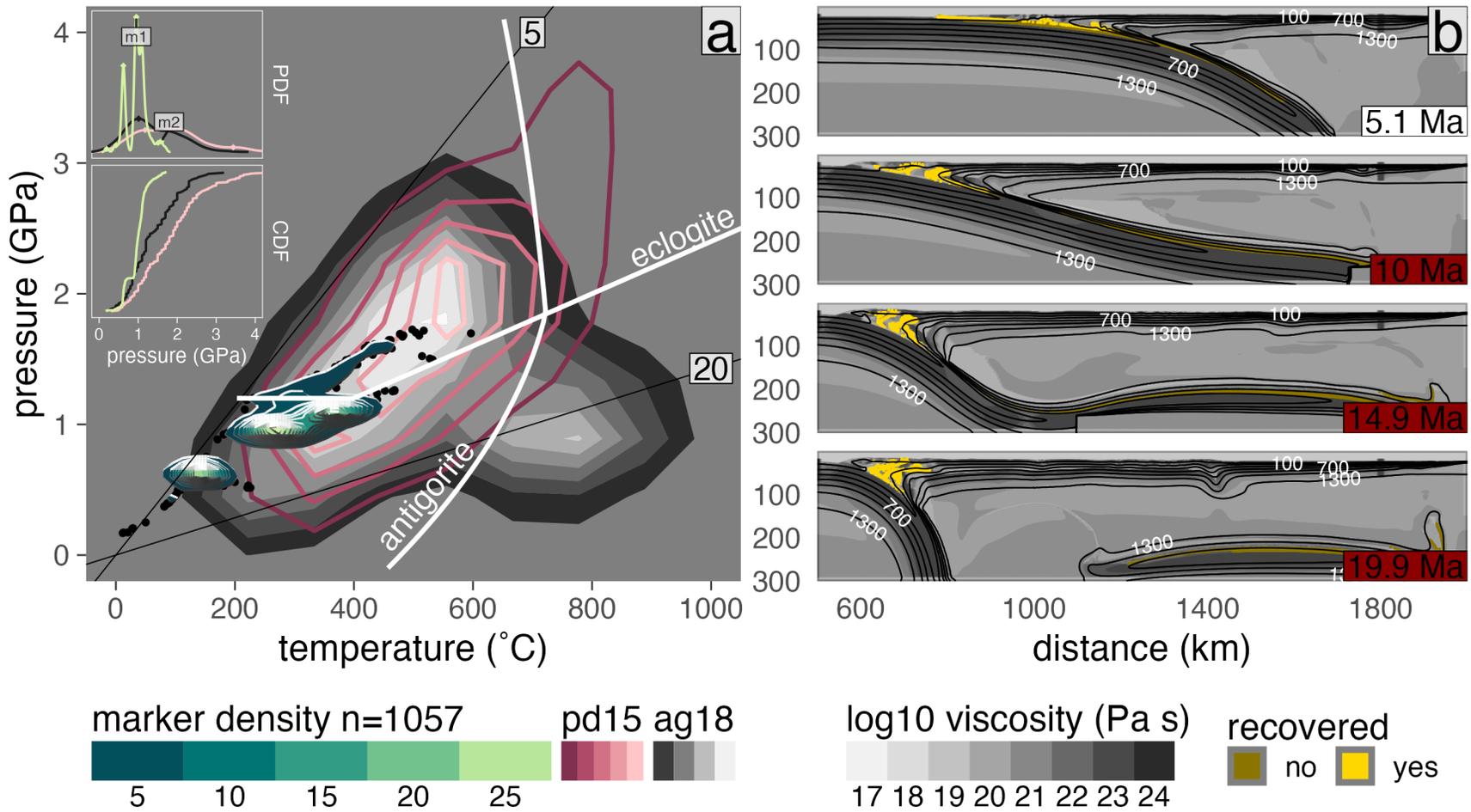


Figure S29: PT distribution of recovered markers from model cdh46. Refer to the main text for explanation of panels and colors.

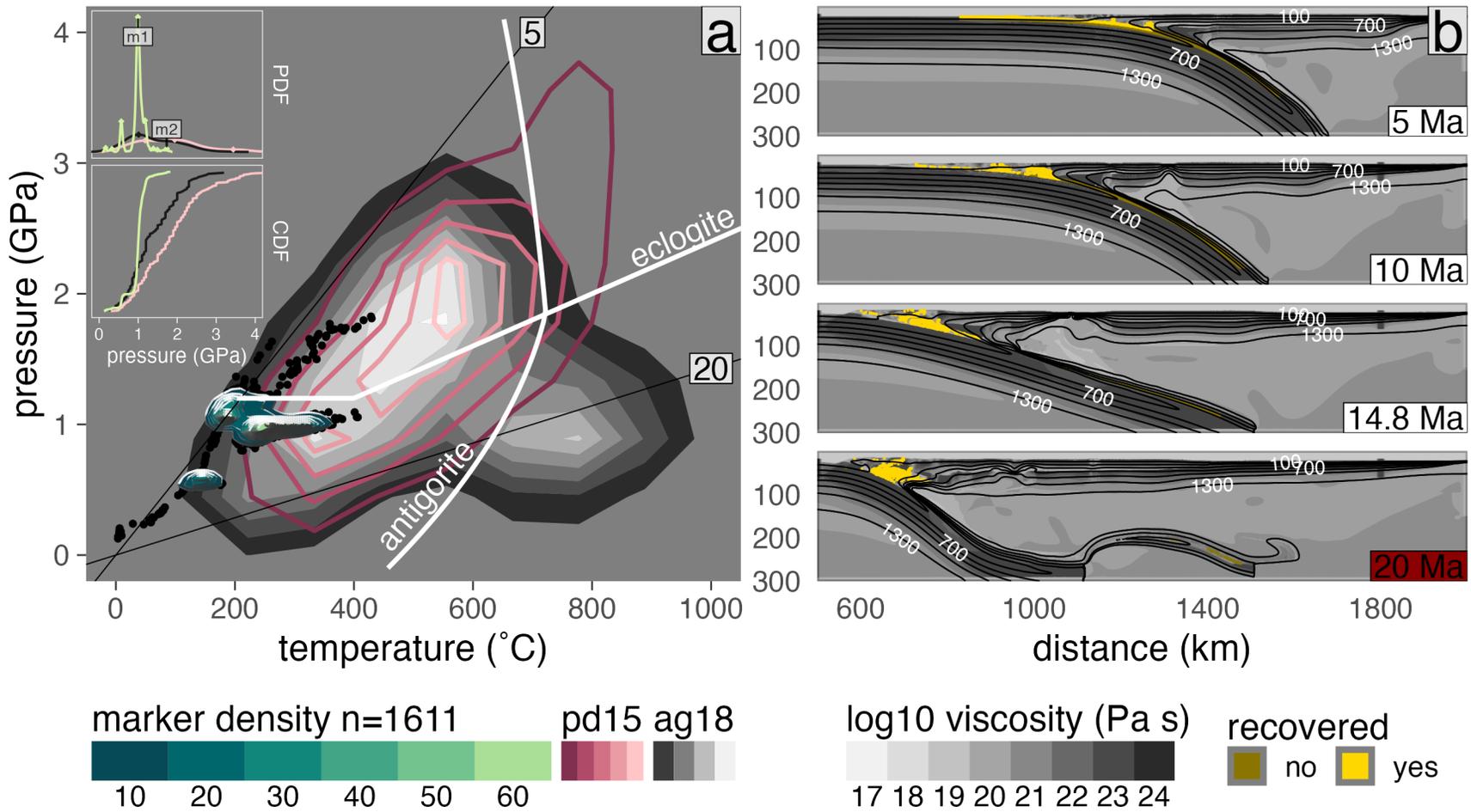


Figure S30: PT distribution of recovered markers from model cdh62. Refer to the main text for explanation of panels and colors.

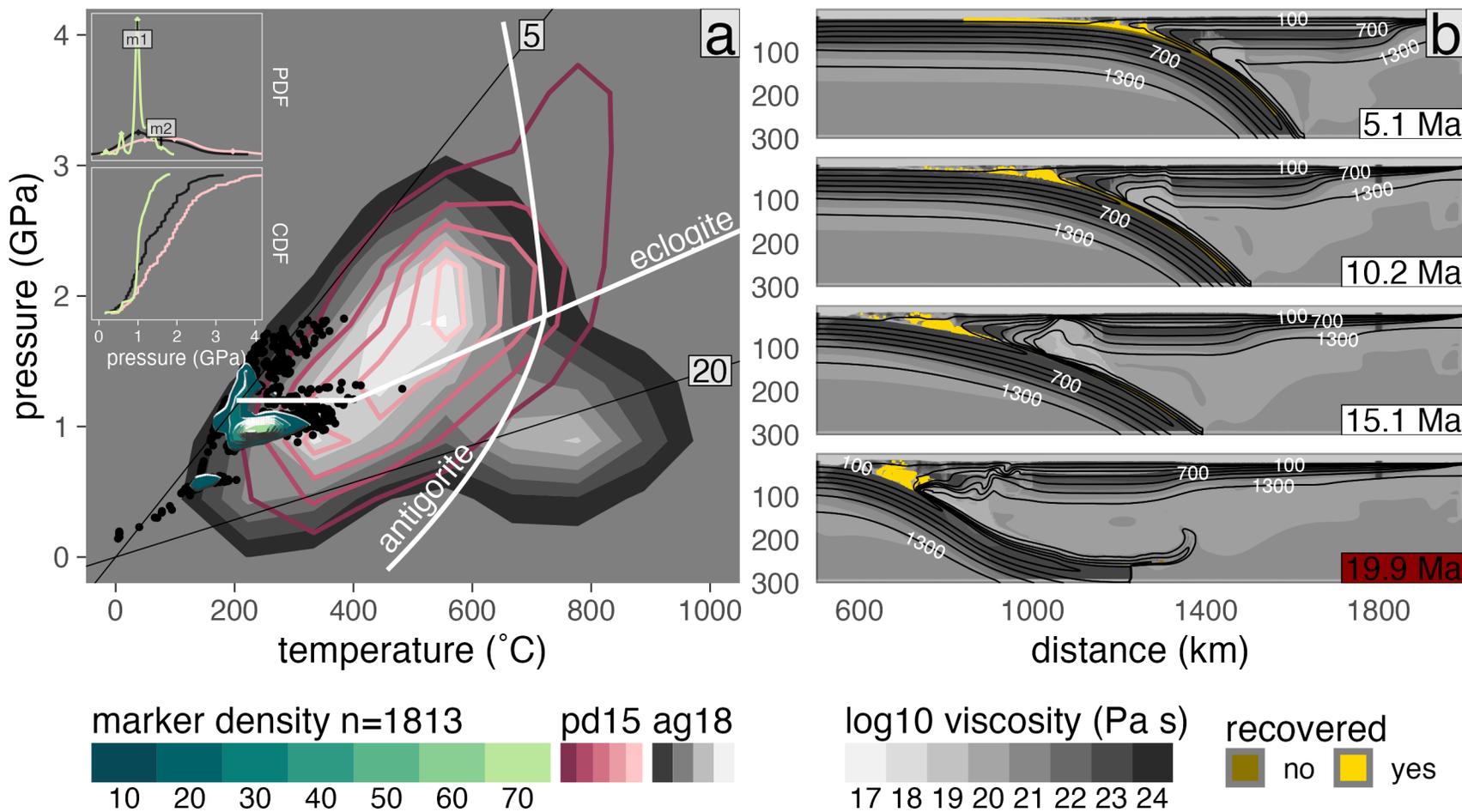


Figure S31: PT distribution of recovered markers from model cdh78. Refer to the main text for explanation of panels and colors.

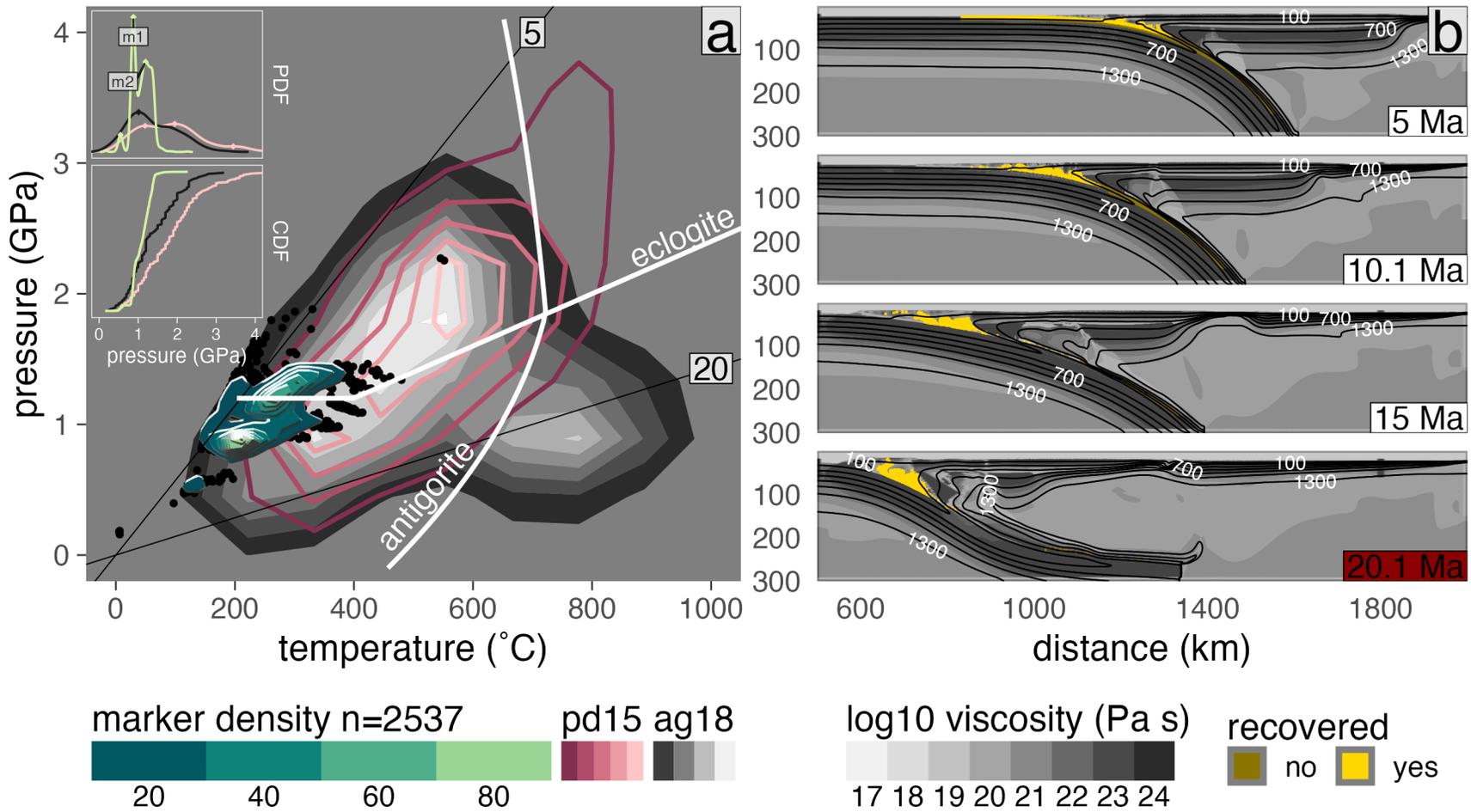


Figure S32: PT distribution of recovered markers from model cdh94. Refer to the main text for explanation of panels and colors.

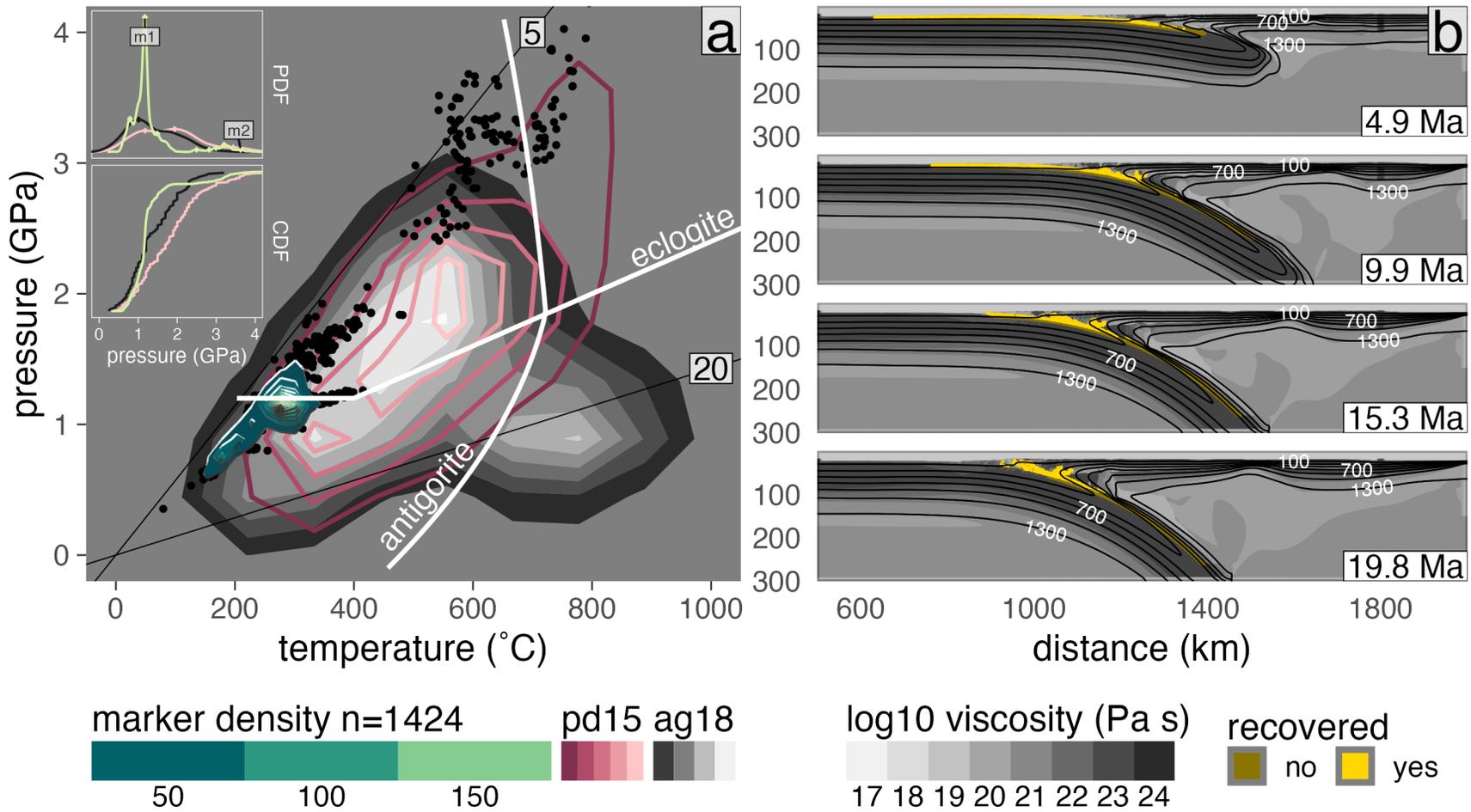


Figure S33: PT distribution of recovered markers from model cdi46. Refer to the main text for explanation of panels and colors.

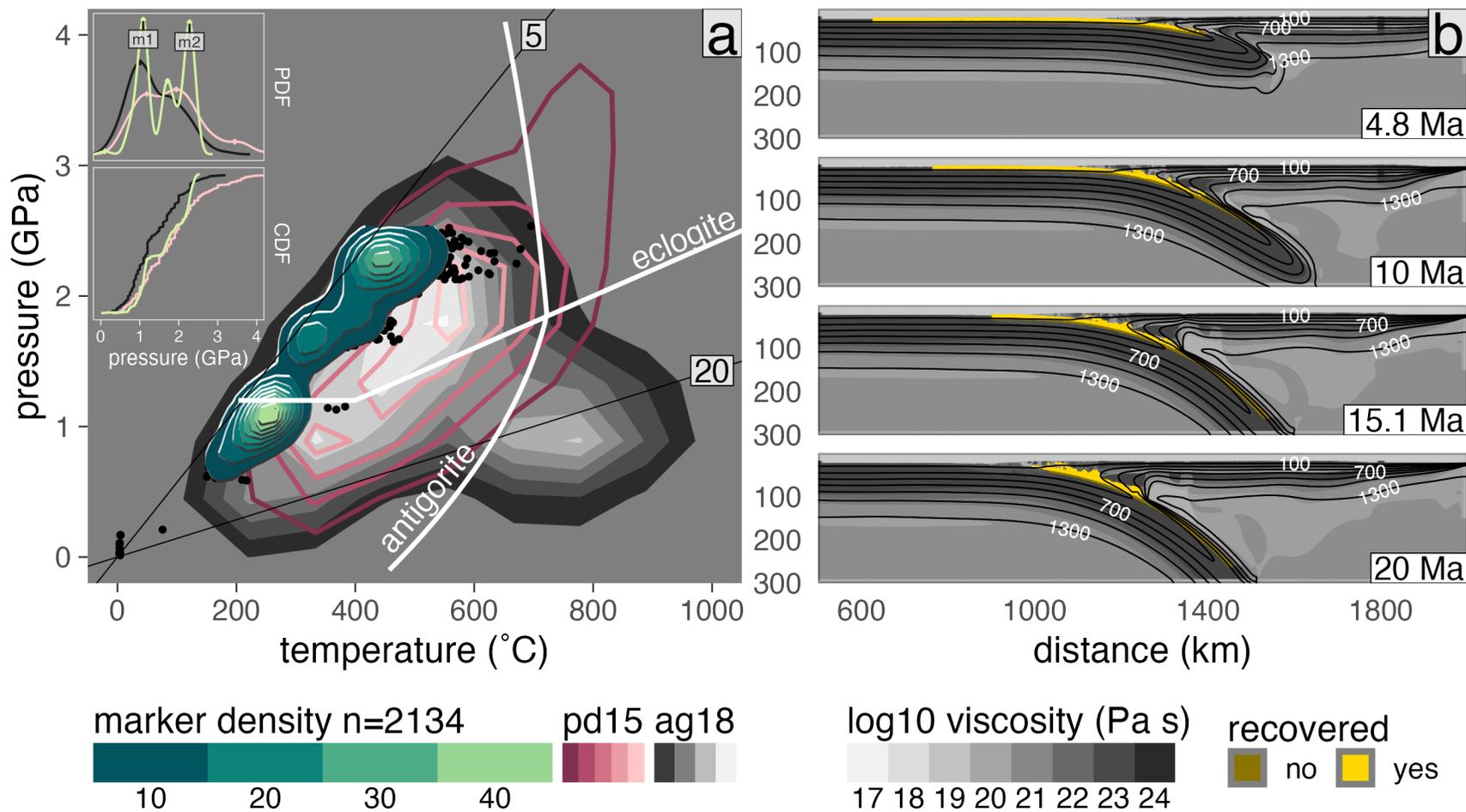


Figure S34: PT distribution of recovered markers from model cdi62. Refer to the main text for explanation of panels and colors.

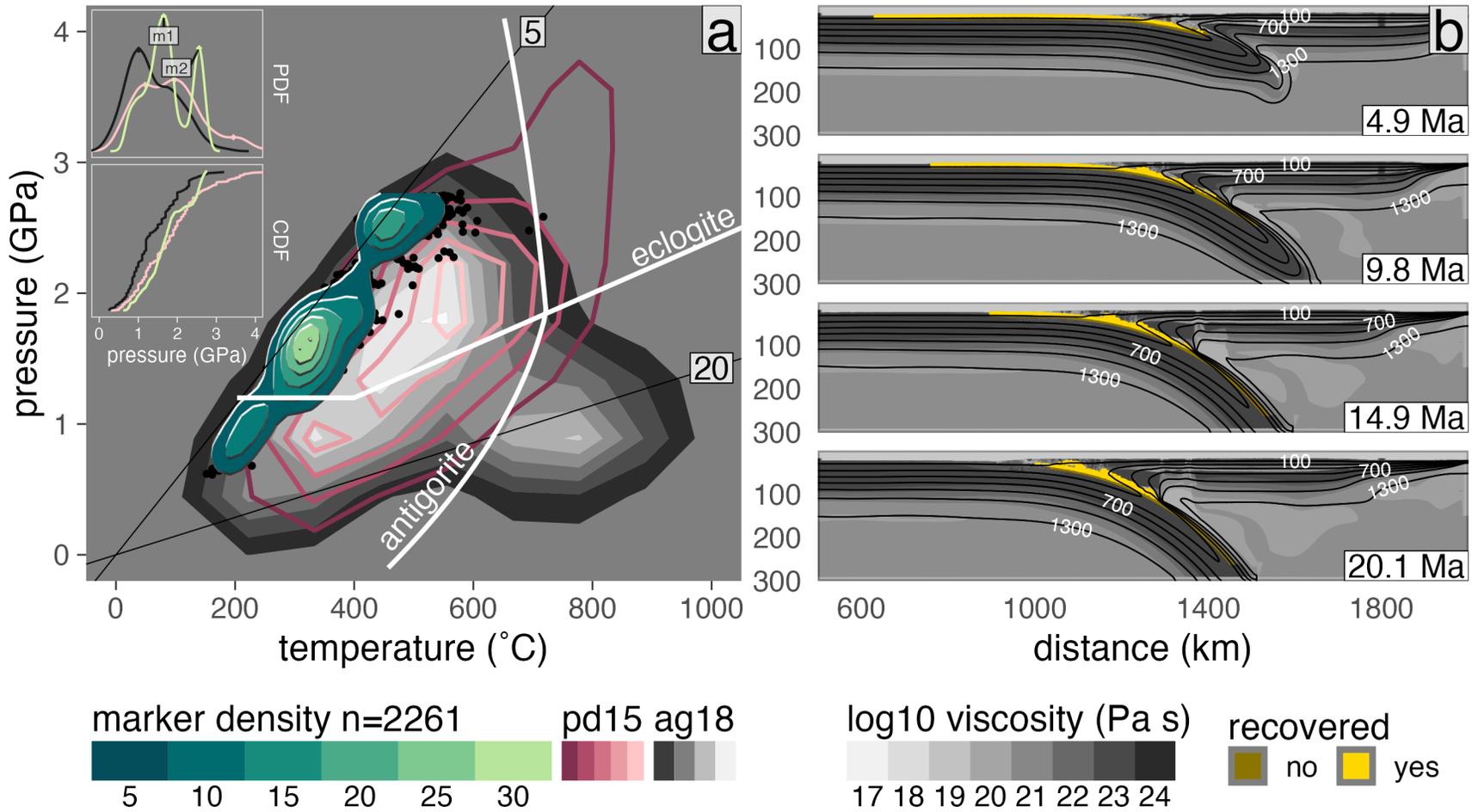


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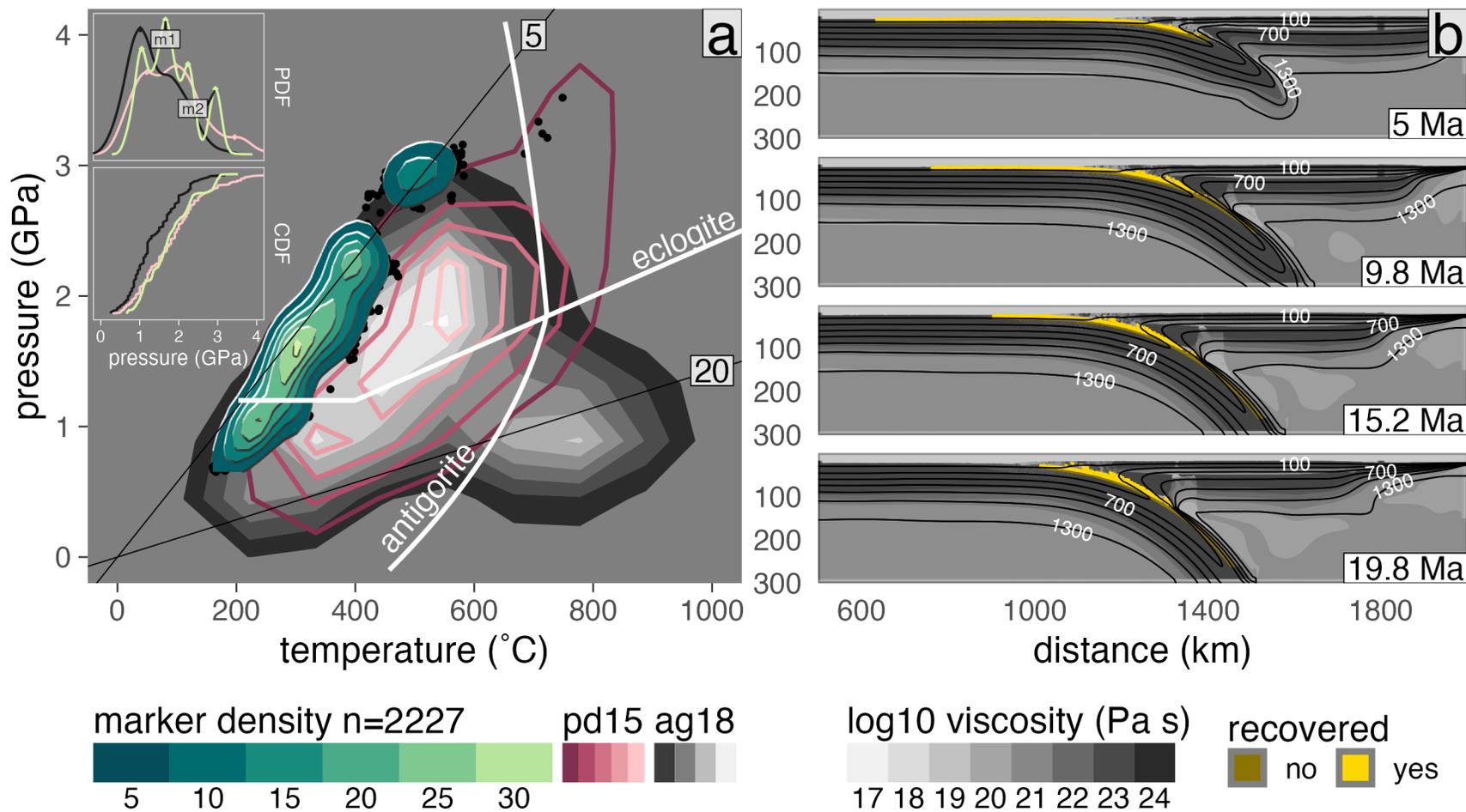


Figure S36: PT distribution of recovered markers from model cdi94. Refer to the main text for explanation of panels and colors.

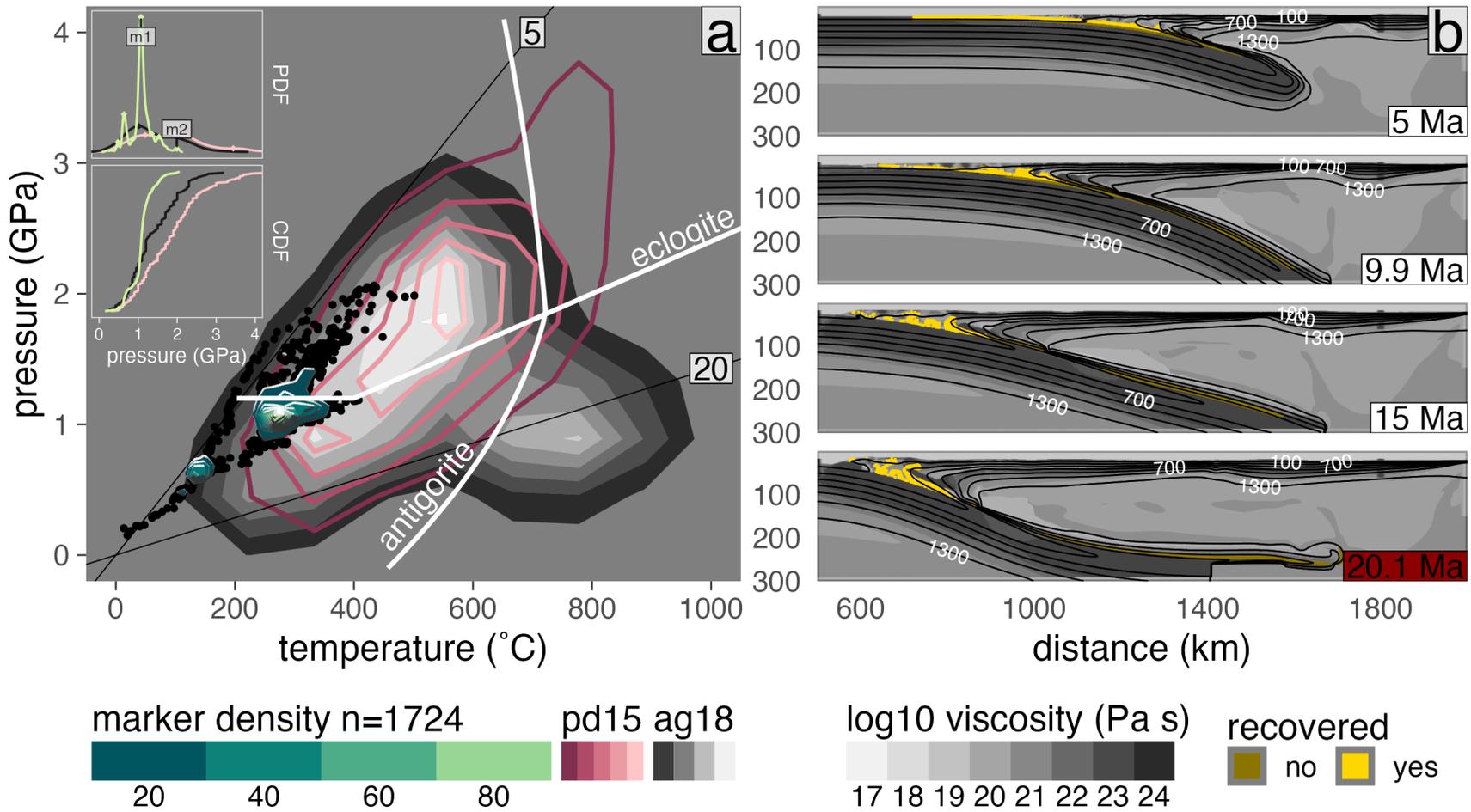


Figure S37: PT distribution of recovered markers from model cdj46. Refer to the main text for explanation of panels and colors.

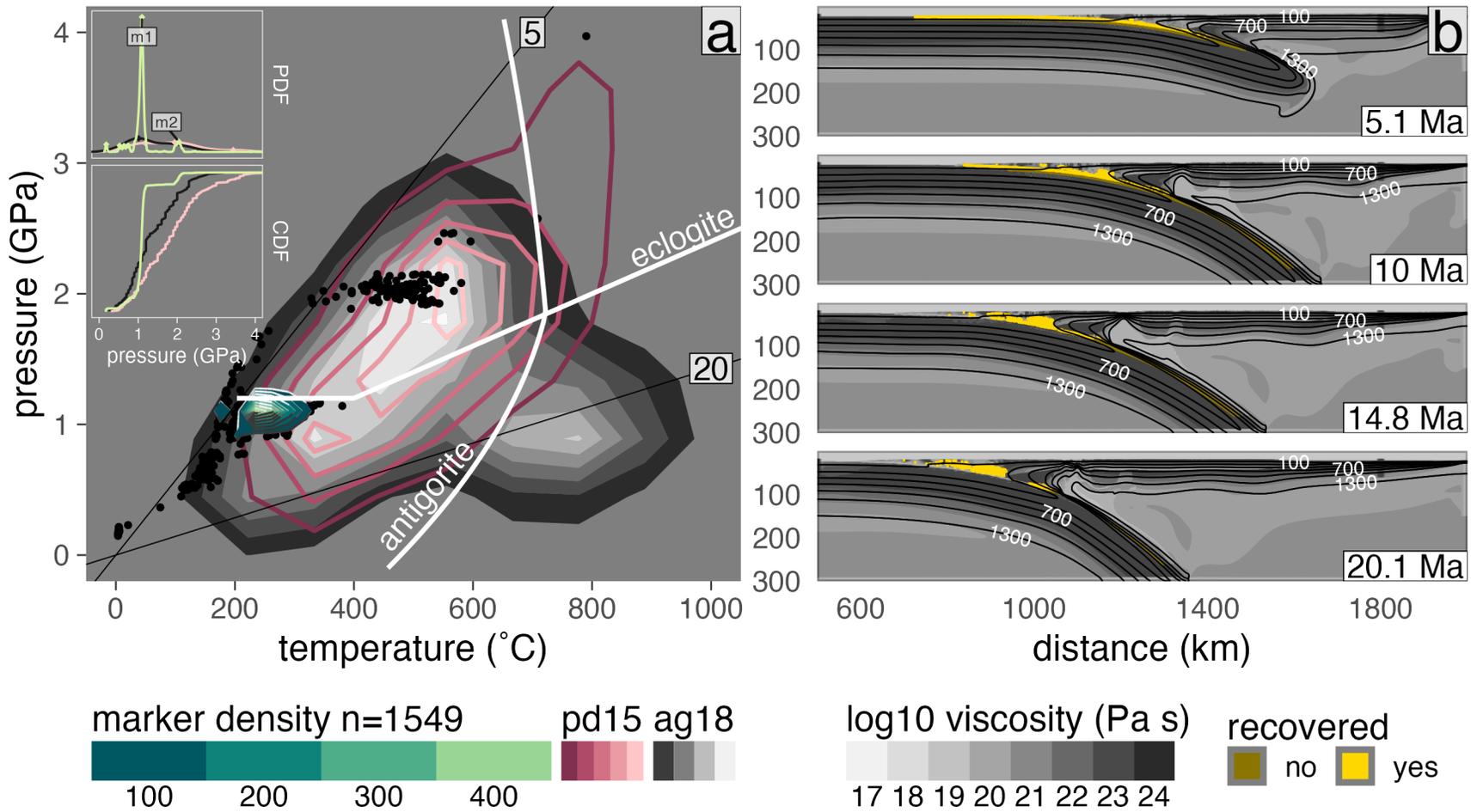


Figure S38: PT distribution of recovered markers from model cdj62. Refer to the main text for explanation of panels and colors.

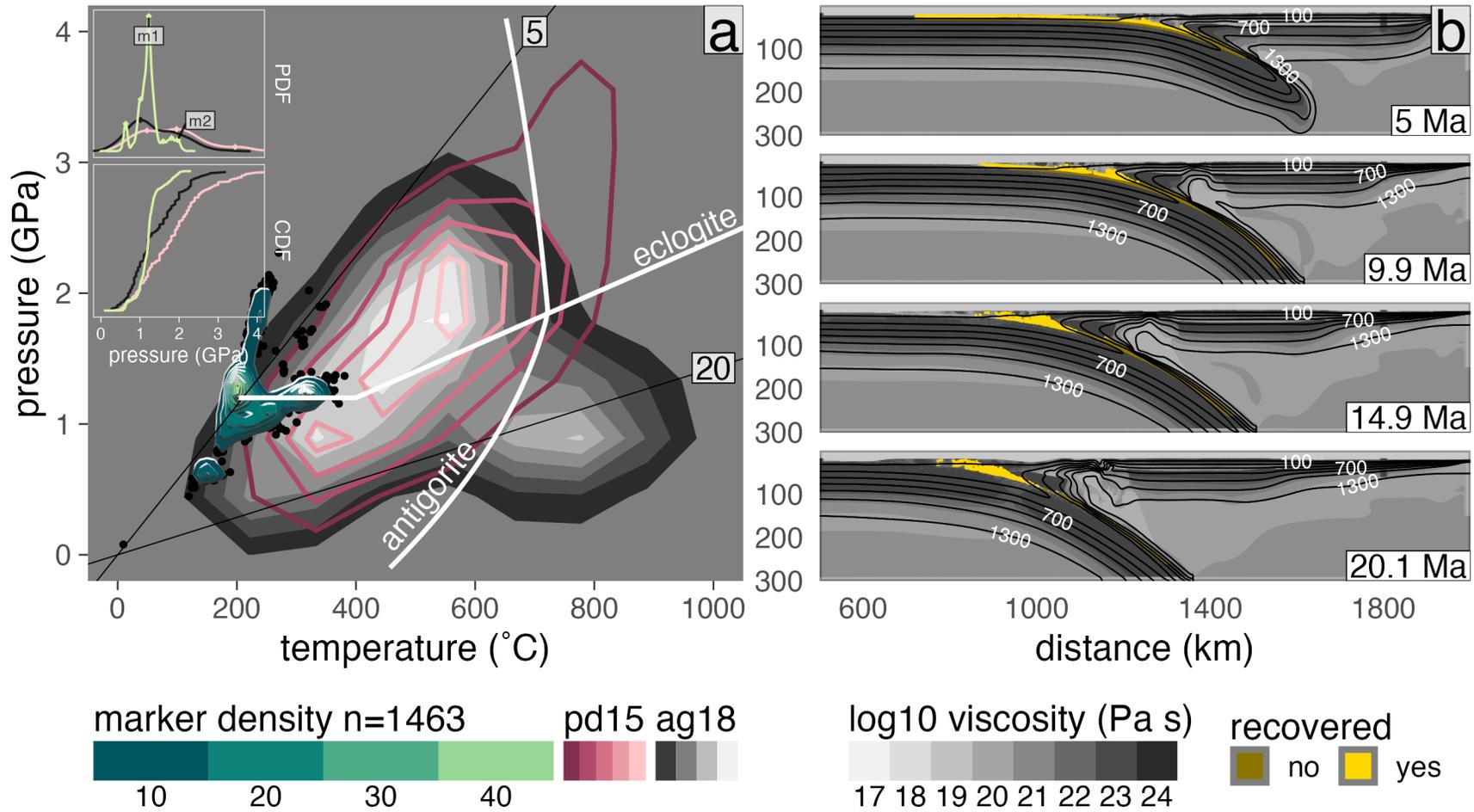


Figure S39: PT distribution of recovered markers from model cdj78. Refer to the main text for explanation of panels and colors.

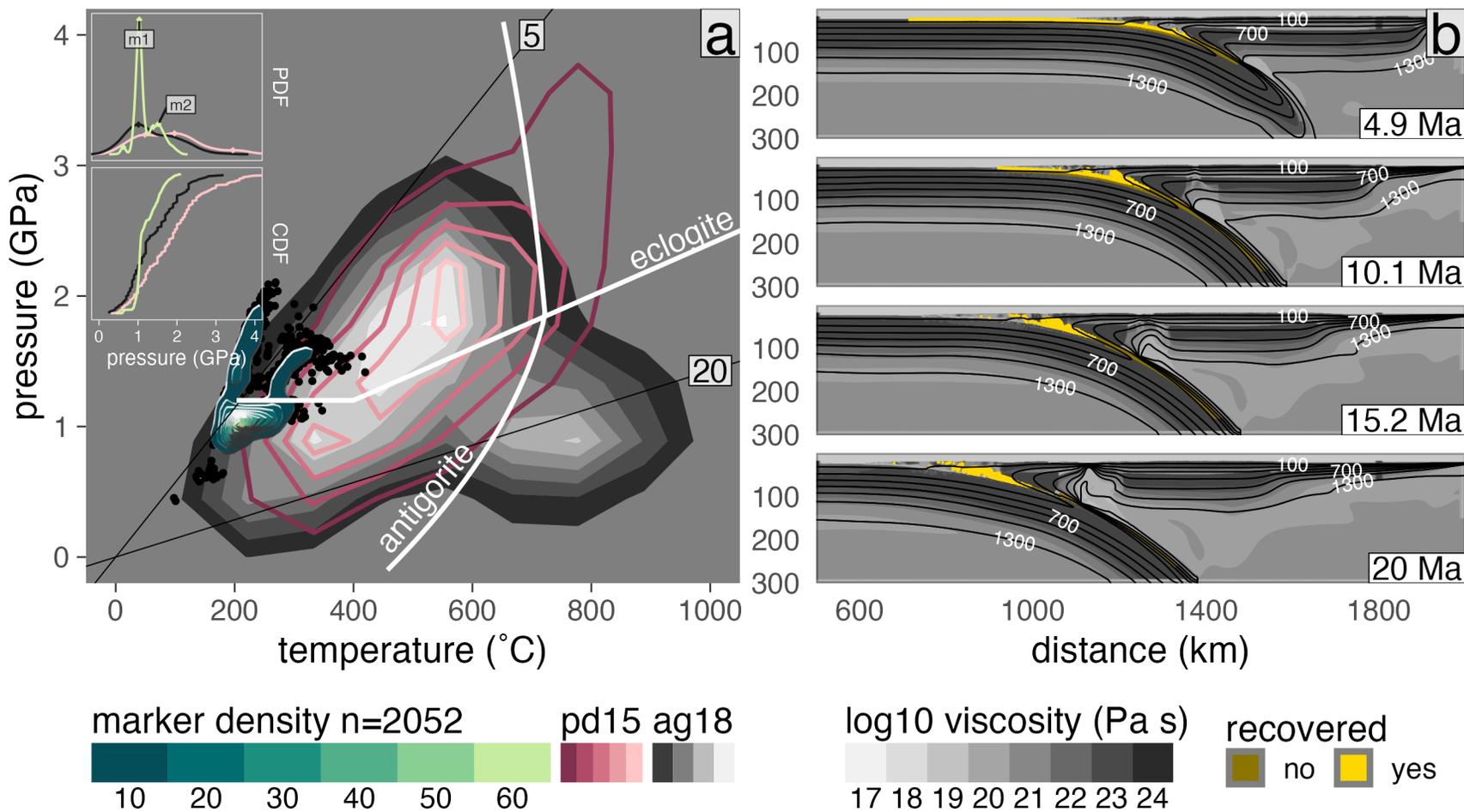


Figure S40: PT distribution of recovered markers from model cdj94. Refer to the main text for explanation of panels and colors.

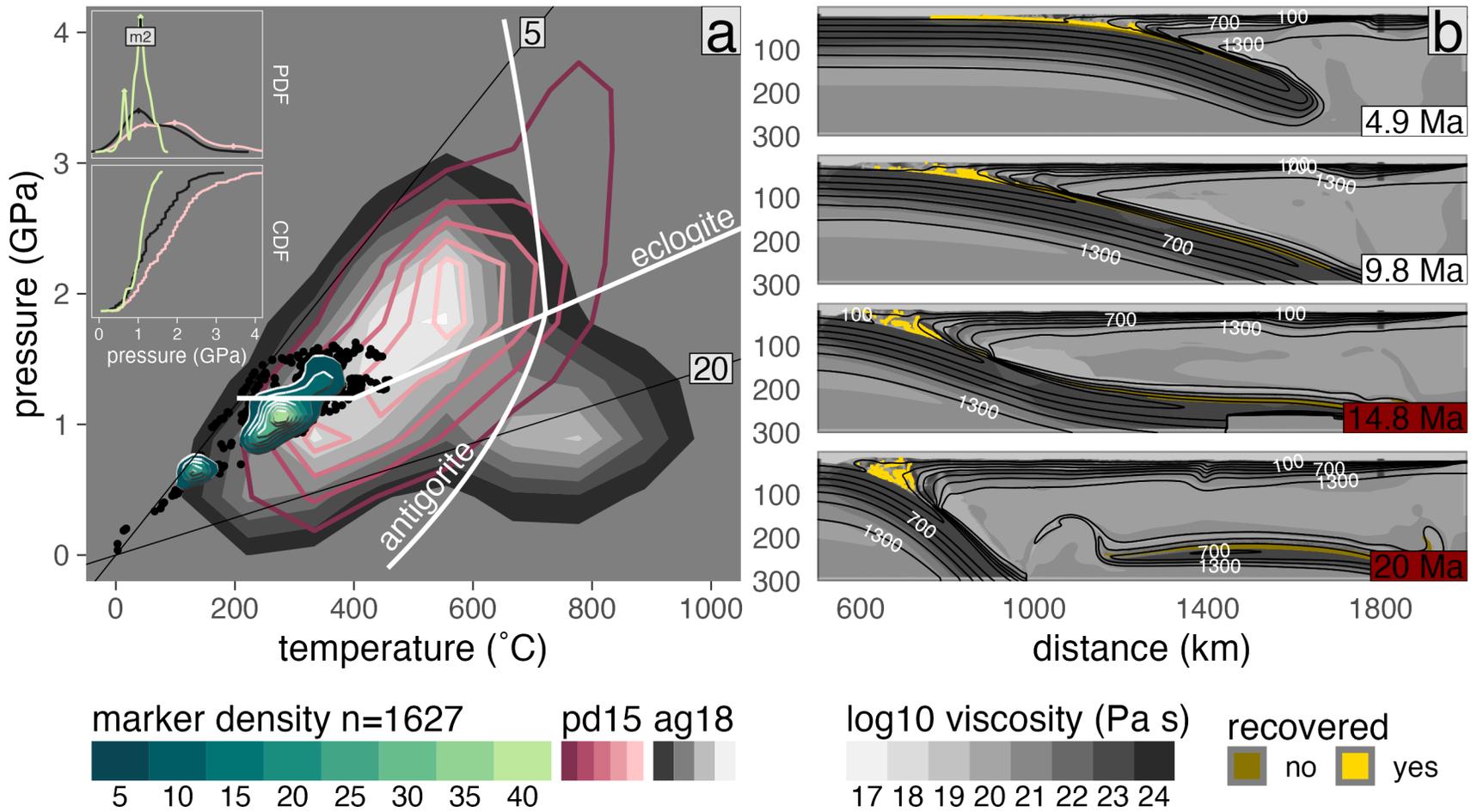


Figure S41: PT distribution of recovered markers from model cdk46. Refer to the main text for explanation of panels and colors.

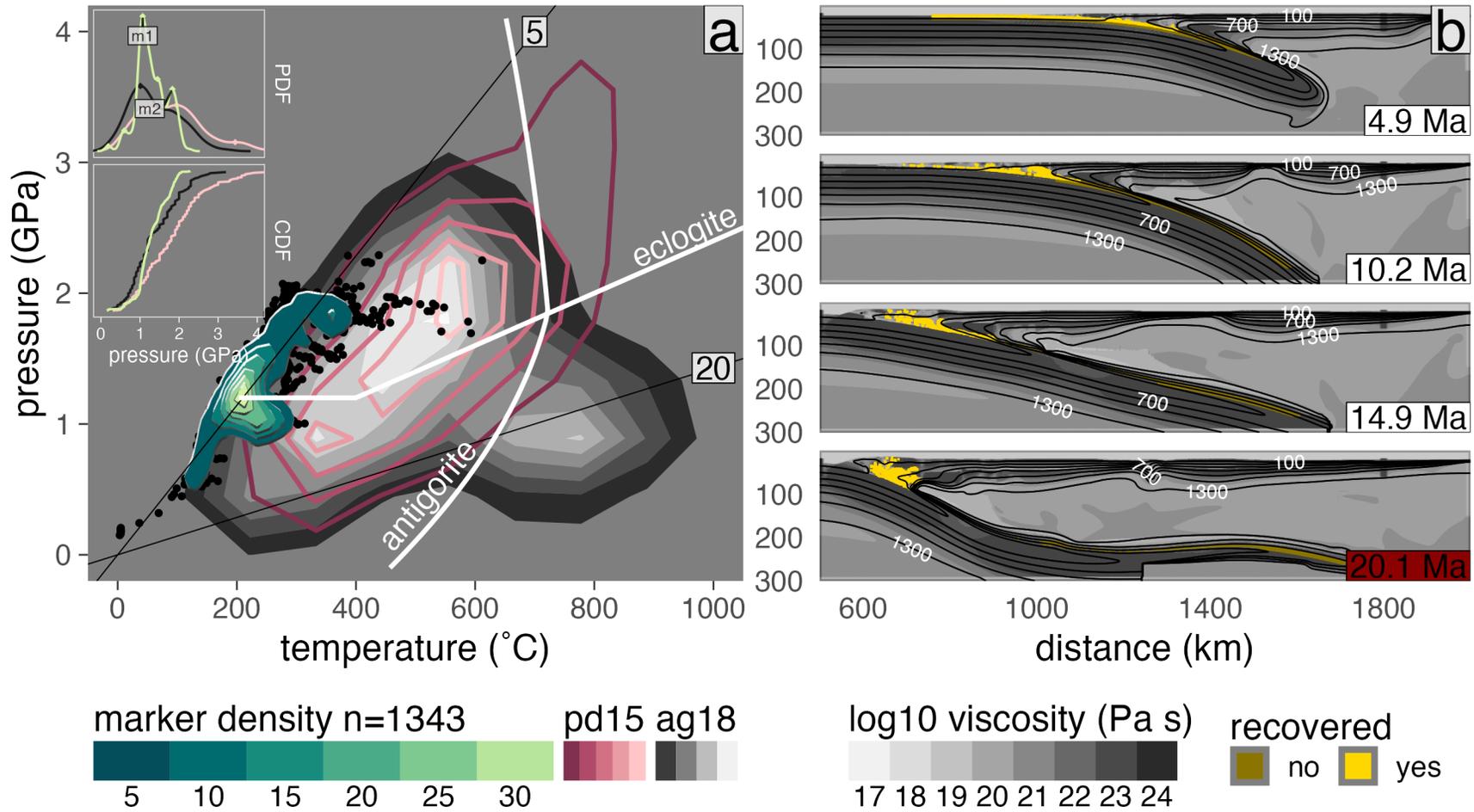


Figure S42: PT distribution of recovered markers from model cdk62. Refer to the main text for explanation of panels and colors.

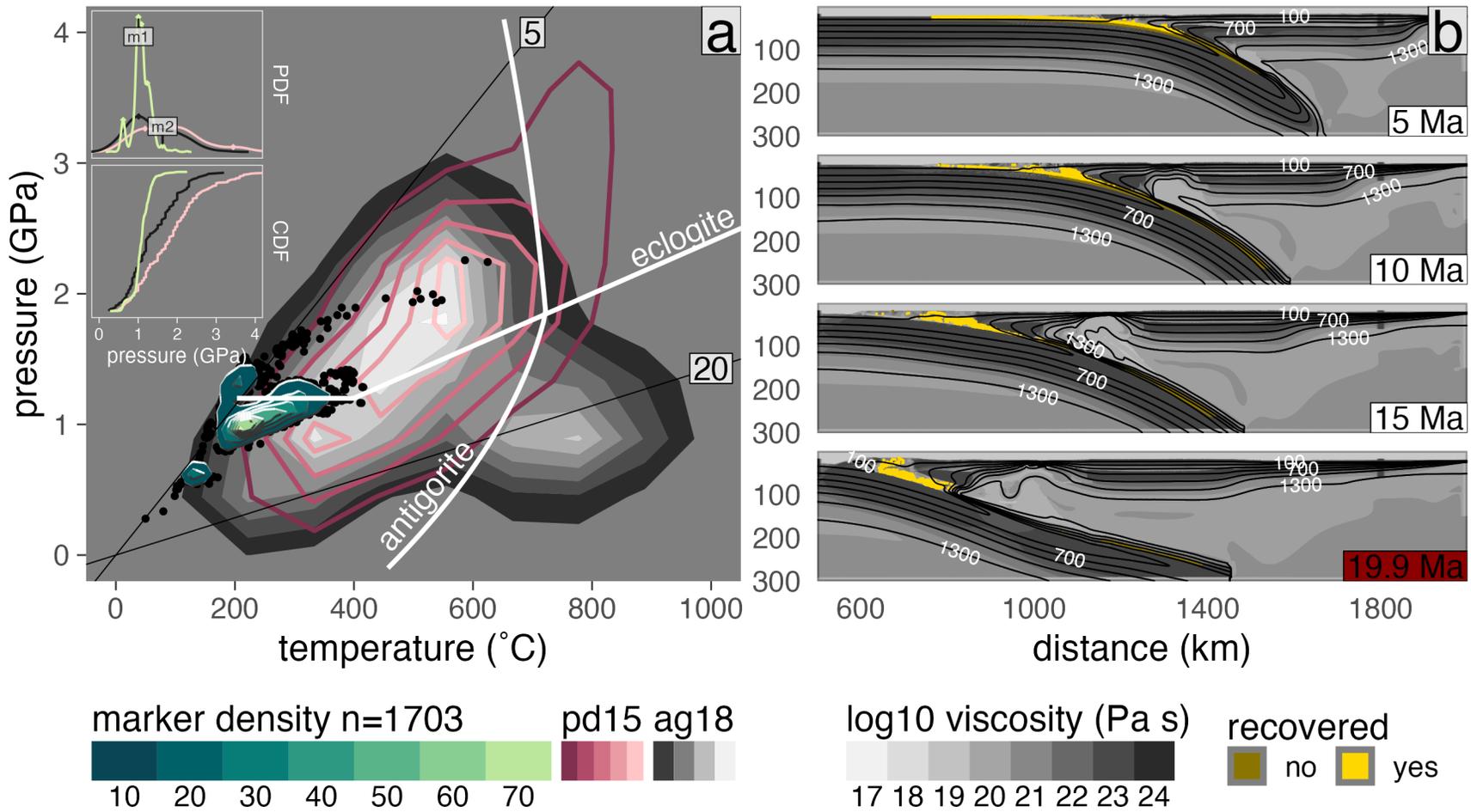


Figure S43: PT distribution of recovered markers from model cdk78. Refer to the main text for explanation of panels and colors.

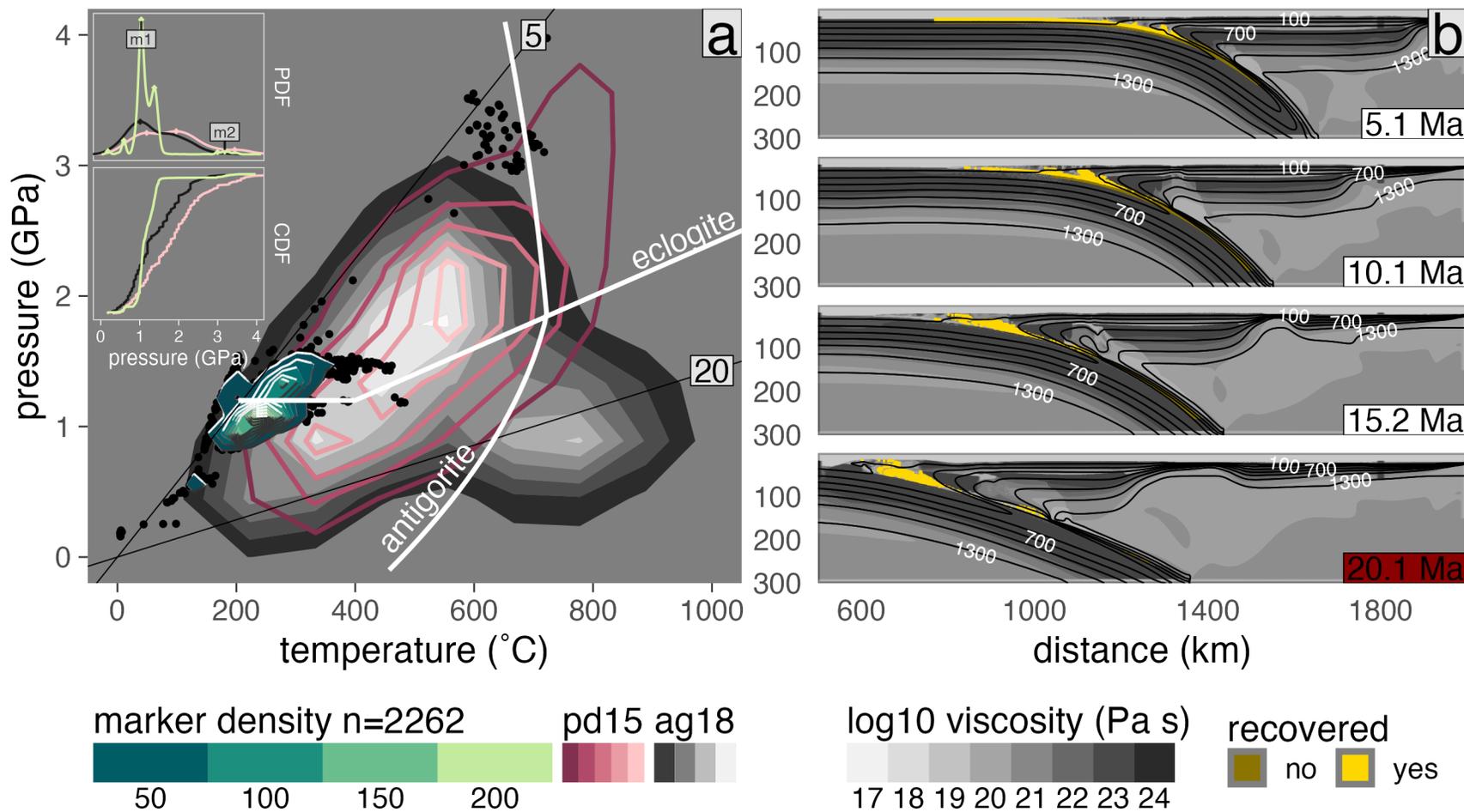


Figure S44: PT distribution of recovered markers from model cdk94. Refer to the main text for explanation of panels and colors.

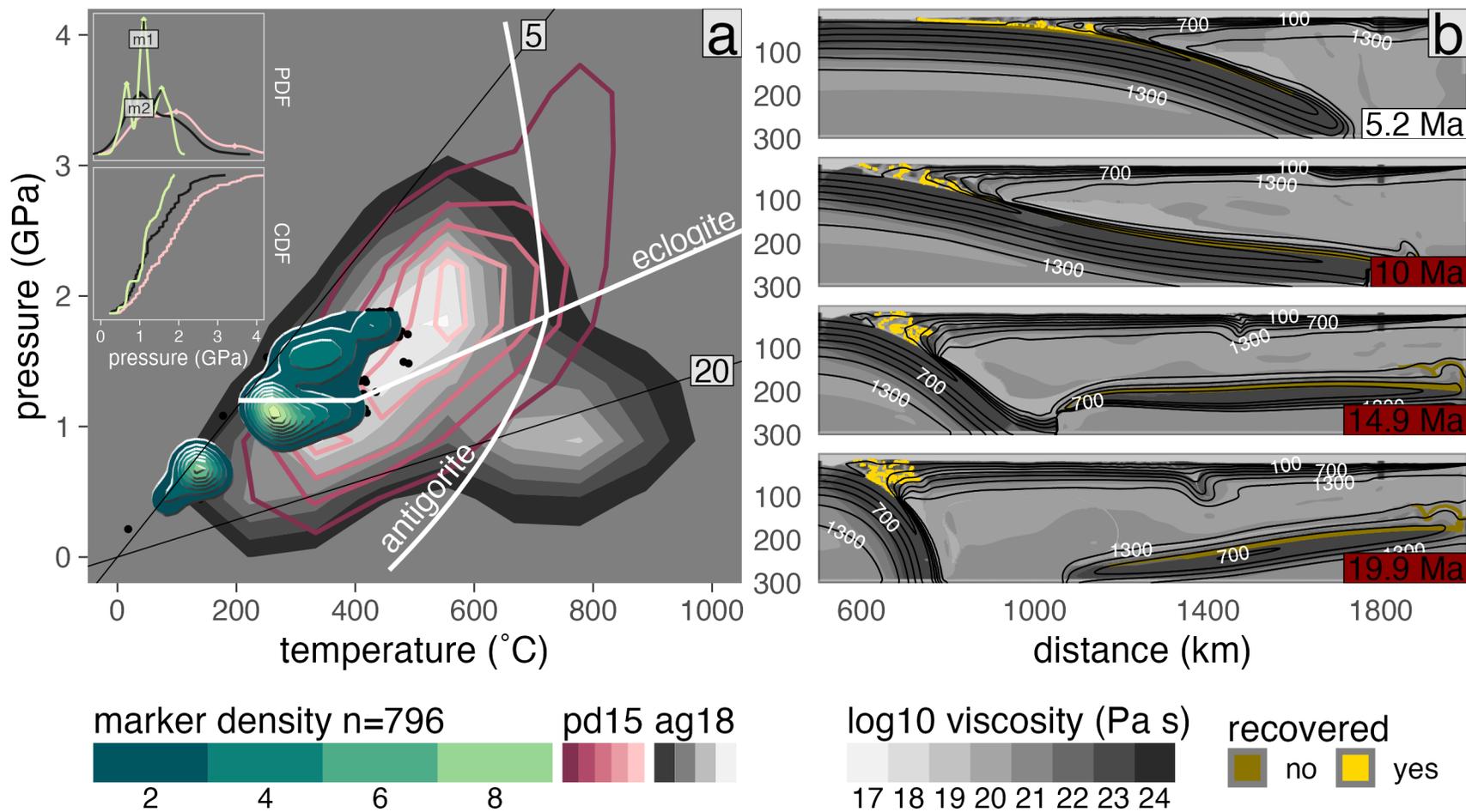


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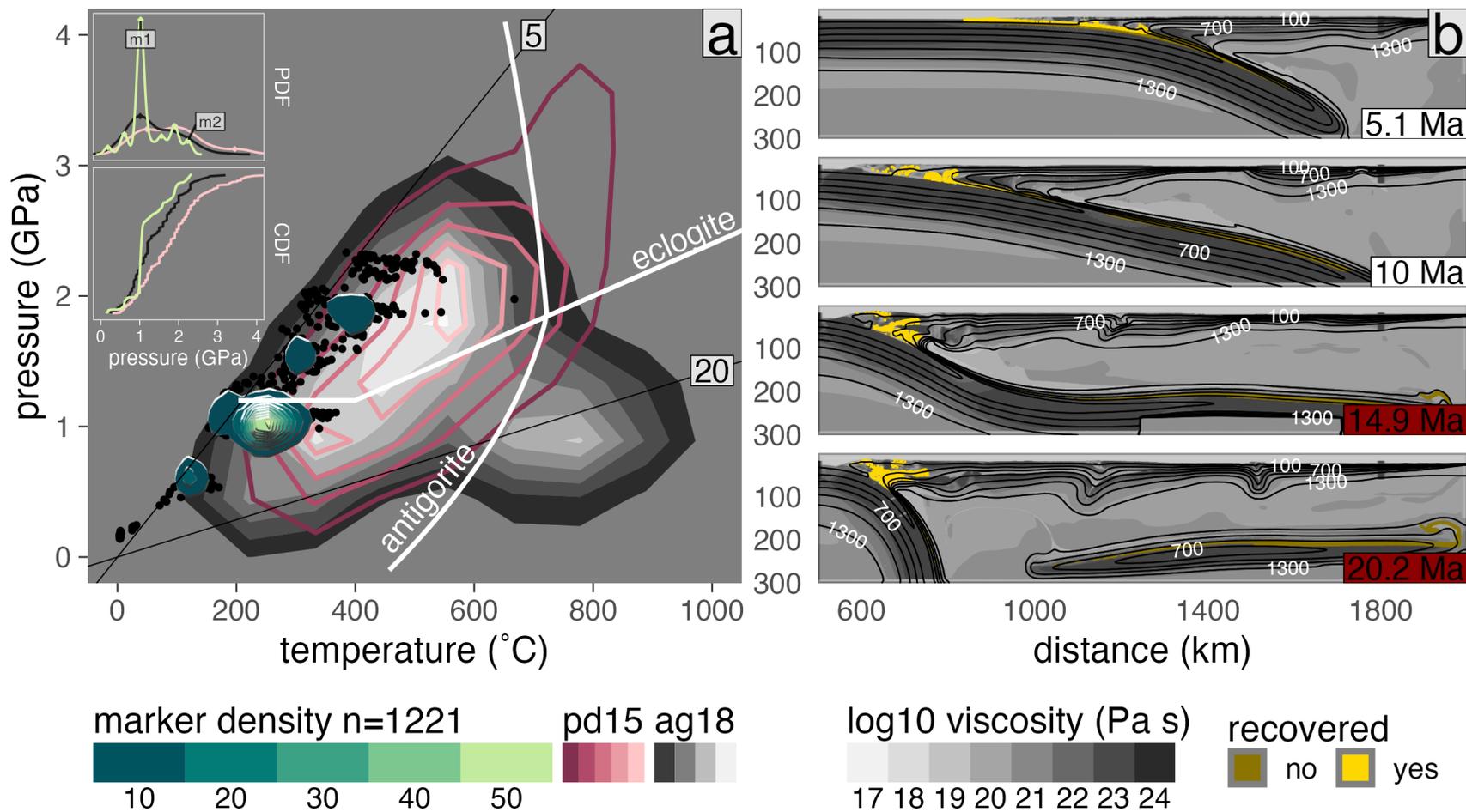


Figure S46: PT distribution of recovered markers from model cdl62. Refer to the main text for explanation of panels and colors.

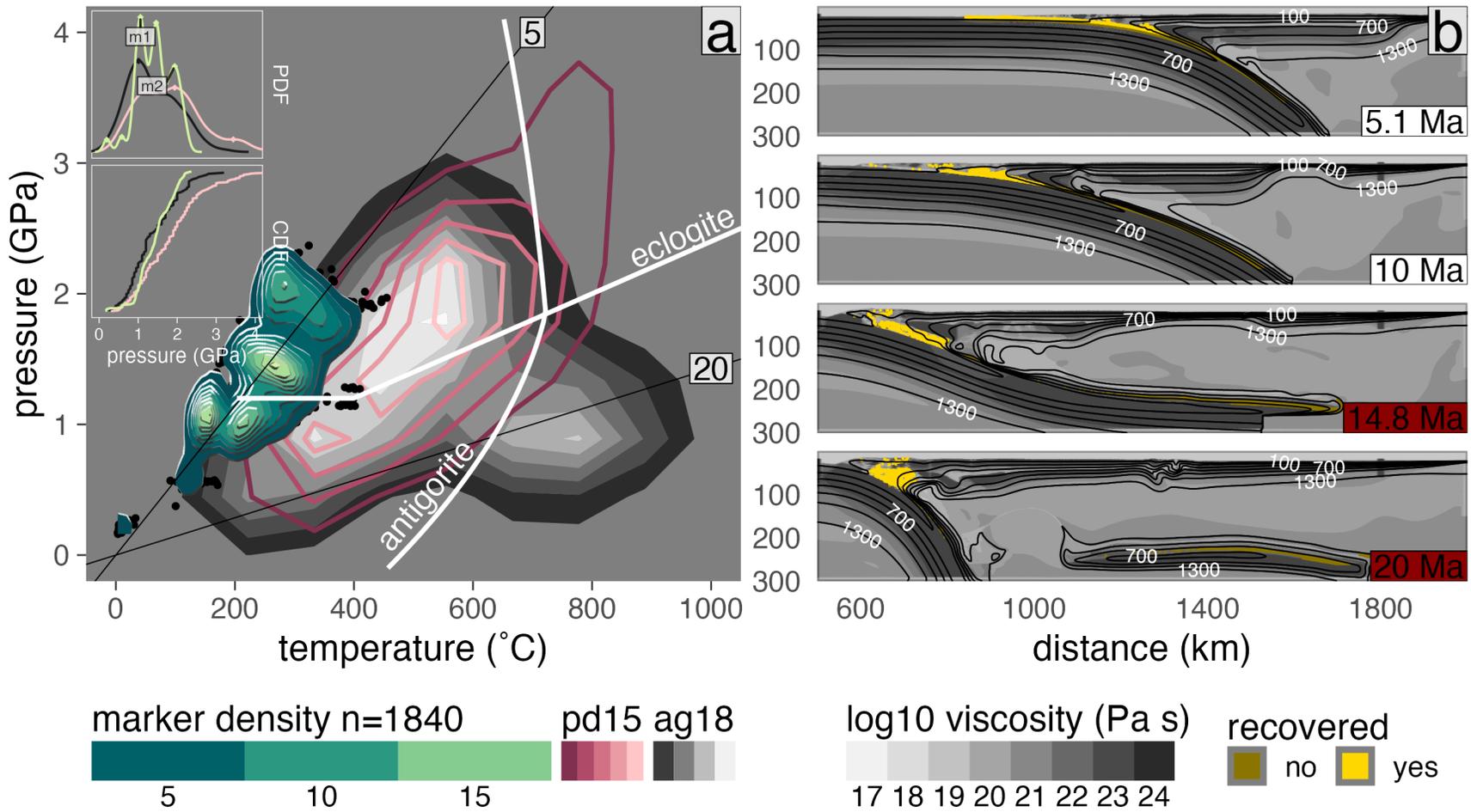


Figure S47: PT distribution of recovered markers from model cdl78. Refer to the main text for explanation of panels and colors.

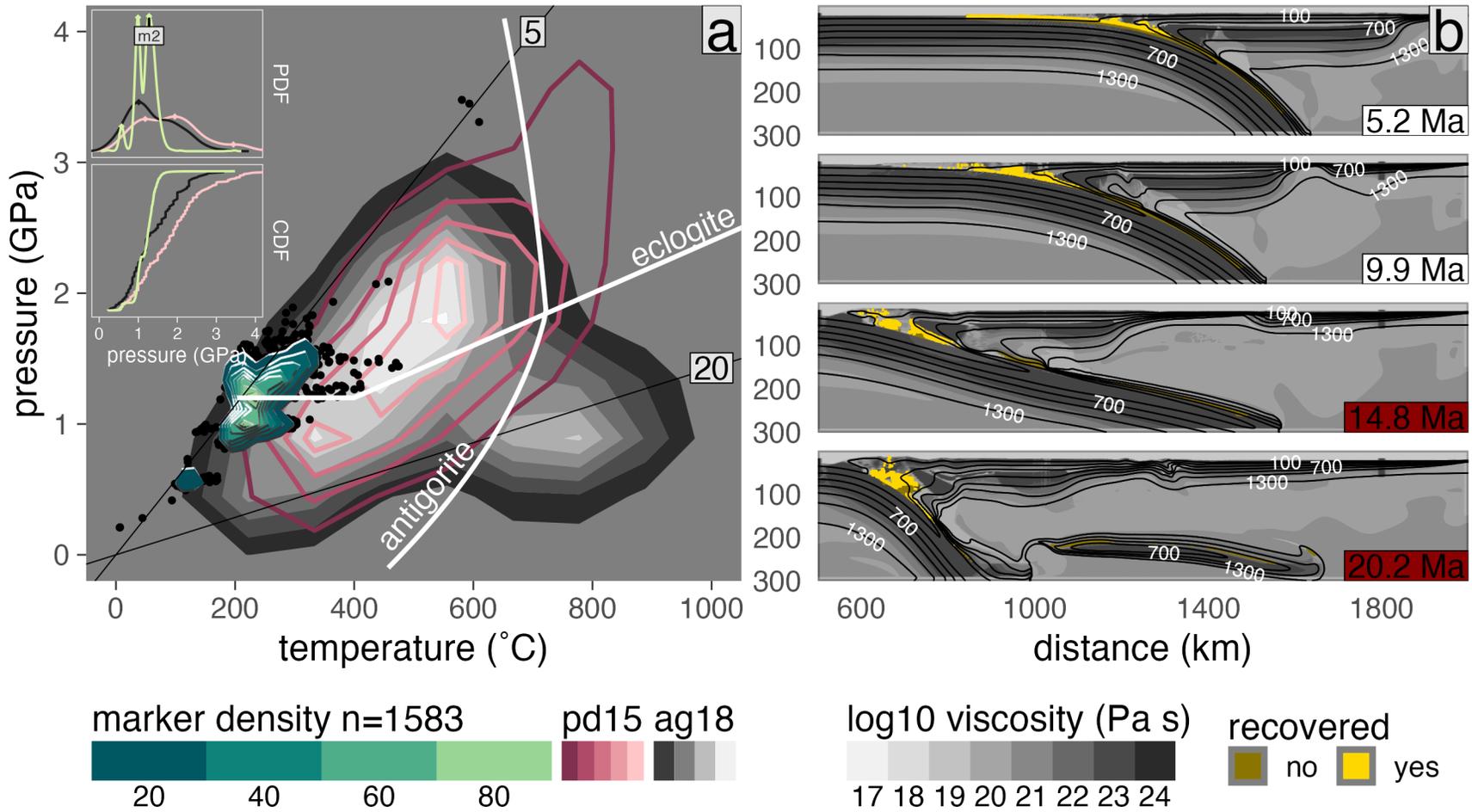


Figure S48: PT distribution of recovered markers from model cdl94. Refer to the main text for explanation of panels and colors.

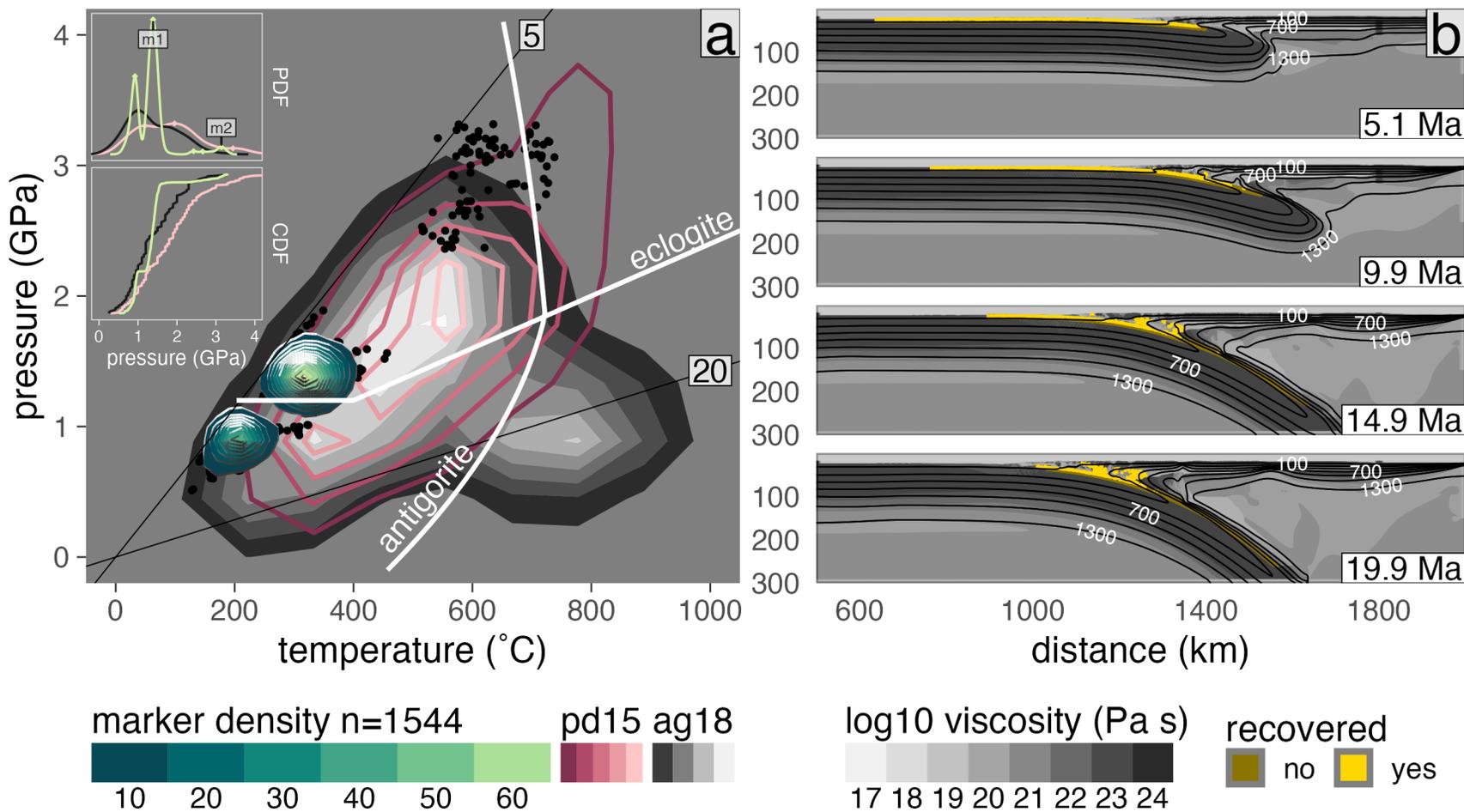


Figure S49: PT distribution of recovered markers from model cdm46. Refer to the main text for explanation of panels and colors.

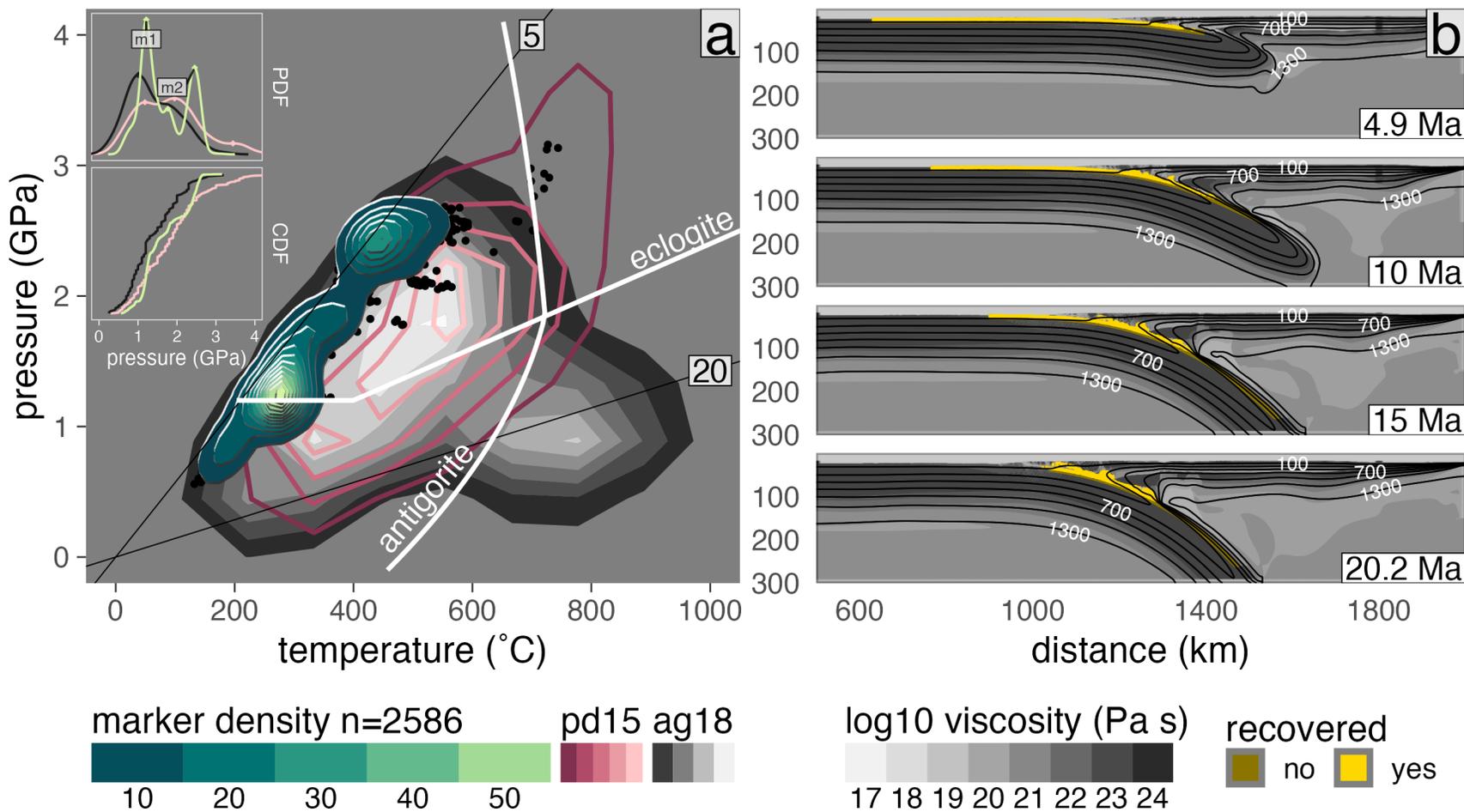


Figure S50: PT distribution of recovered markers from model cdm62. Refer to the main text for explanation of panels and colors.

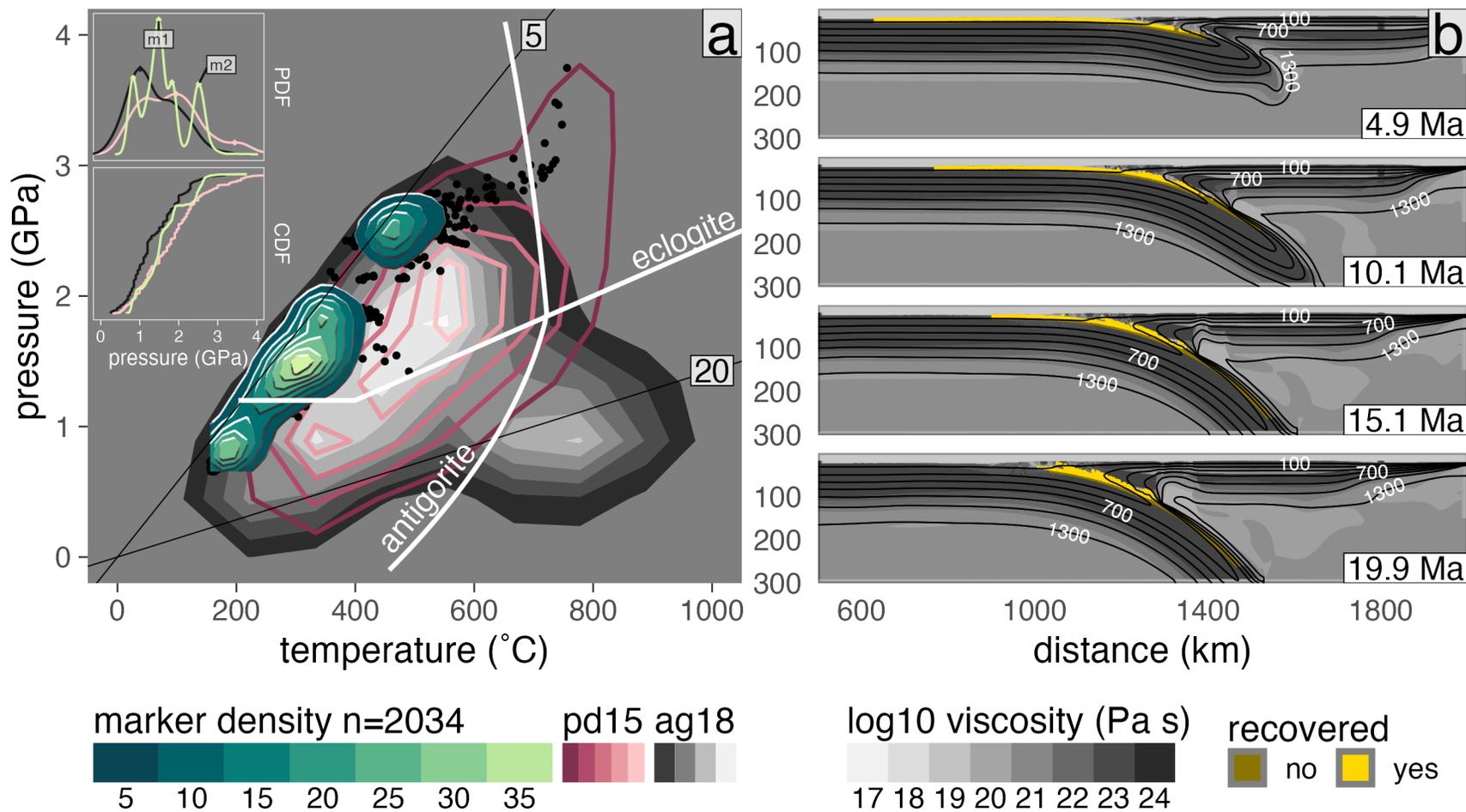


Figure S51: PT distribution of recovered markers from model cdm78. Refer to the main text for explanation of panels and colors.

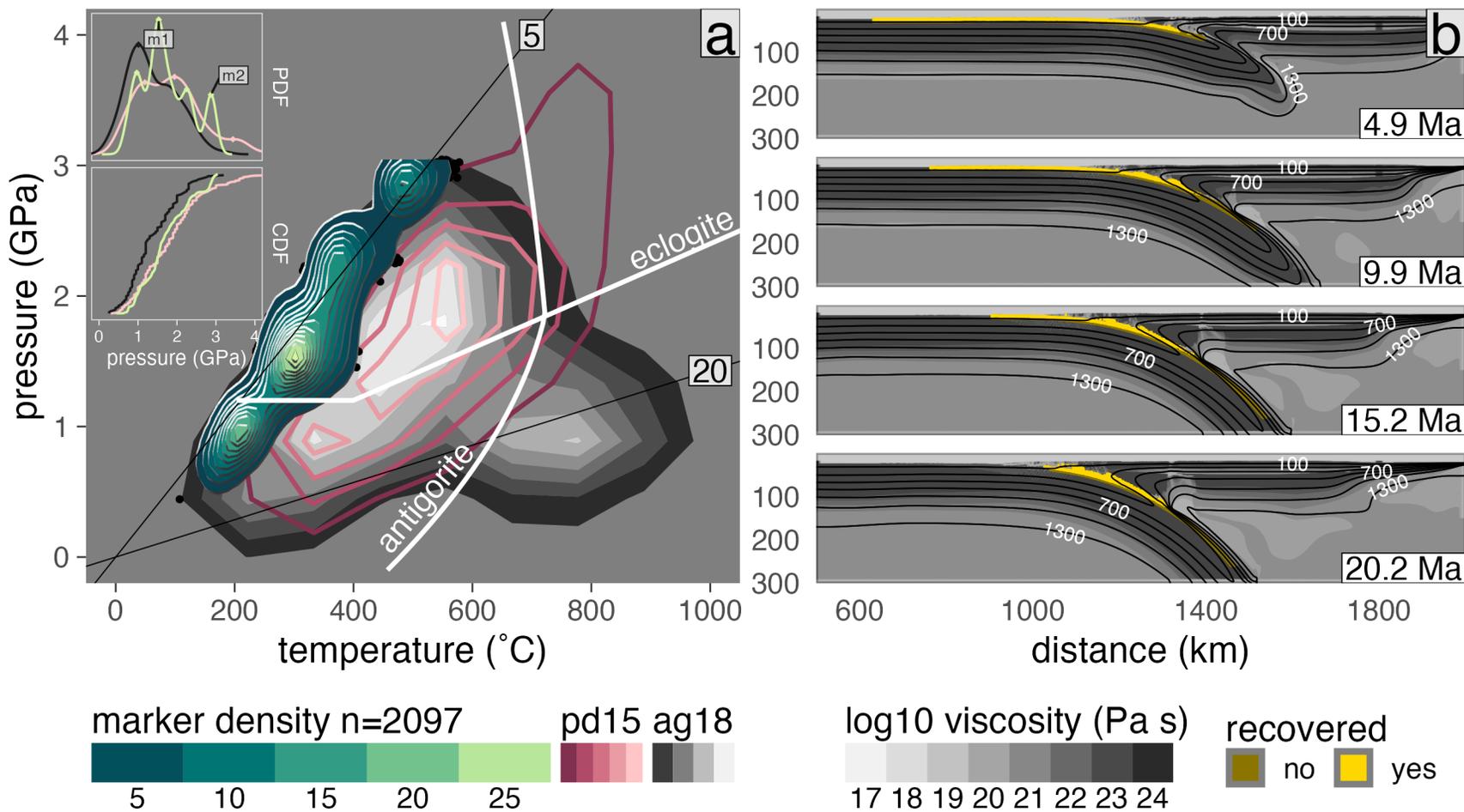


Figure S52: PT distribution of recovered markers from model cdm94. Refer to the main text for explanation of panels and colors.

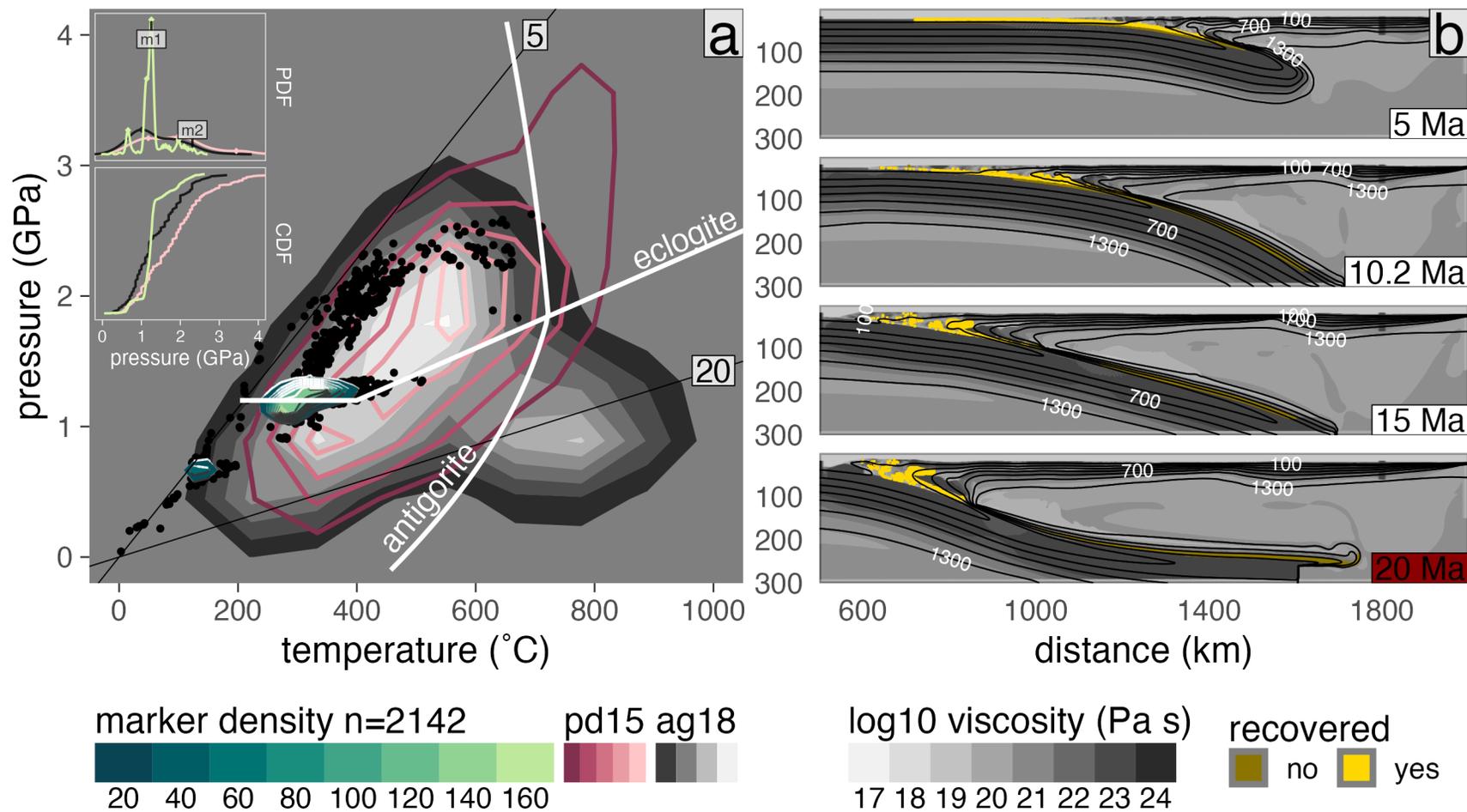


Figure S53: PT distribution of recovered markers from model cdn46. Refer to the main text for explanation of panels and colors.

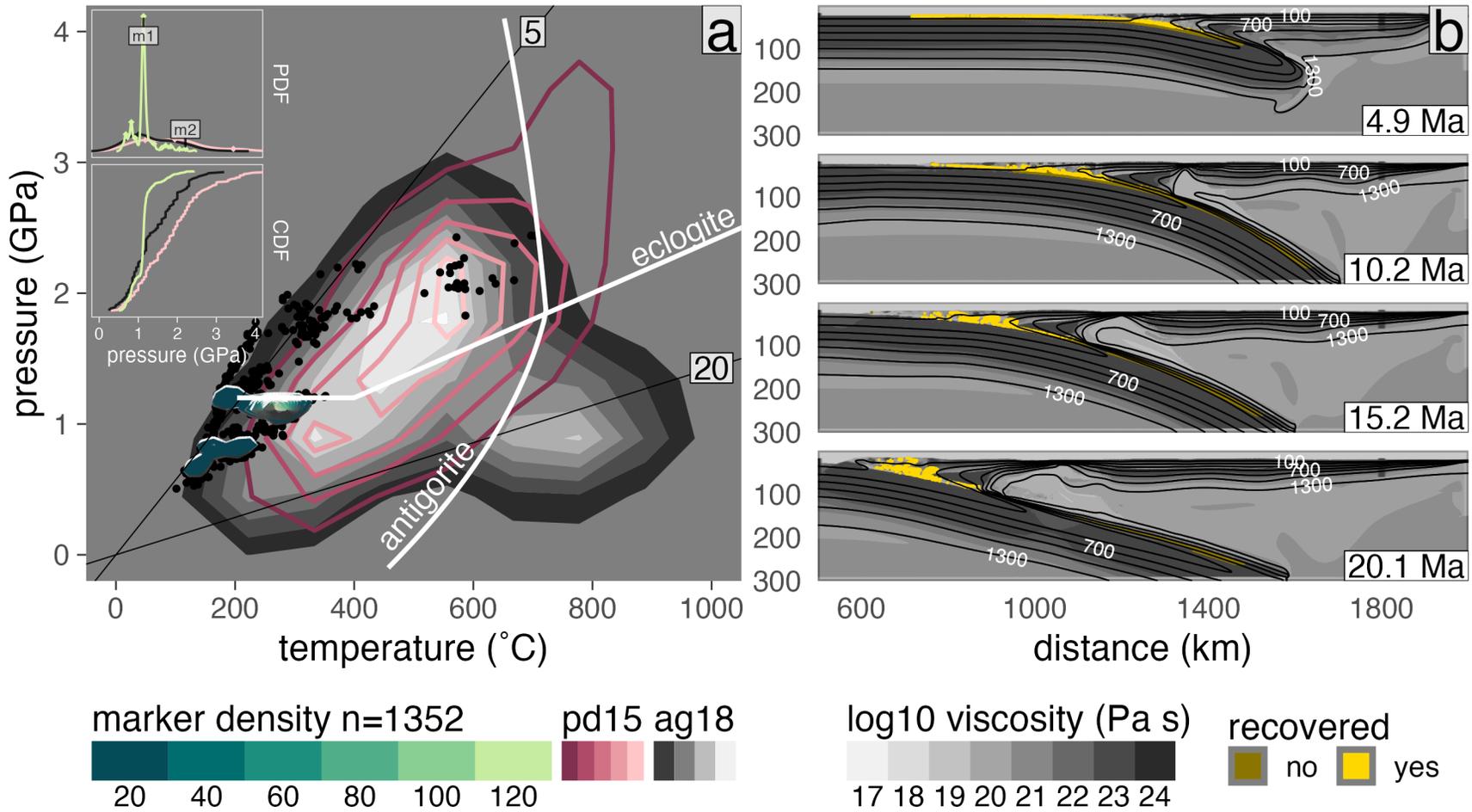


Figure S54: PT distribution of recovered markers from model cdn62. Refer to the main text for explanation of panels and colors.

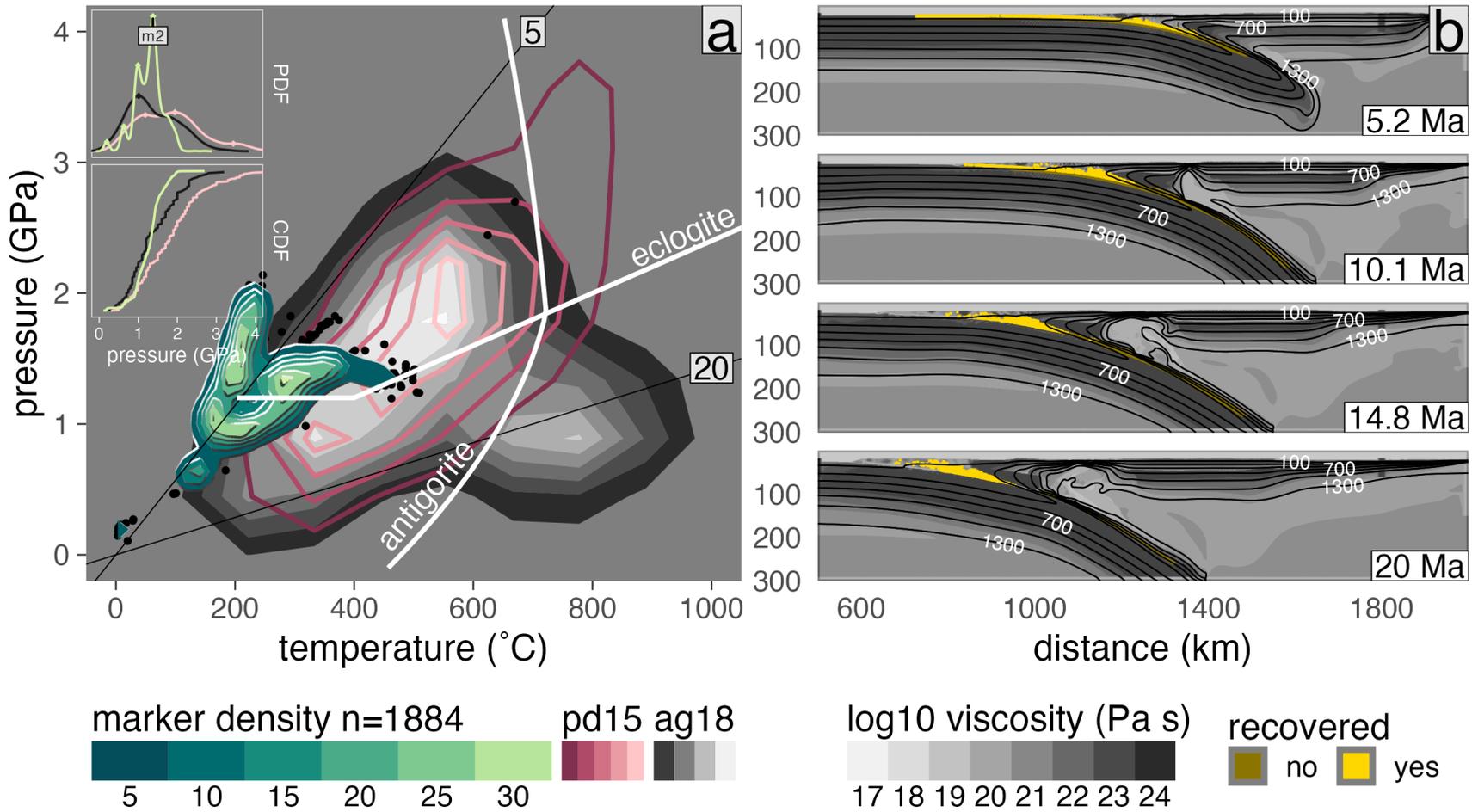


Figure S55: PT distribution of recovered markers from model cdn78. Refer to the main text for explanation of panels and colors.

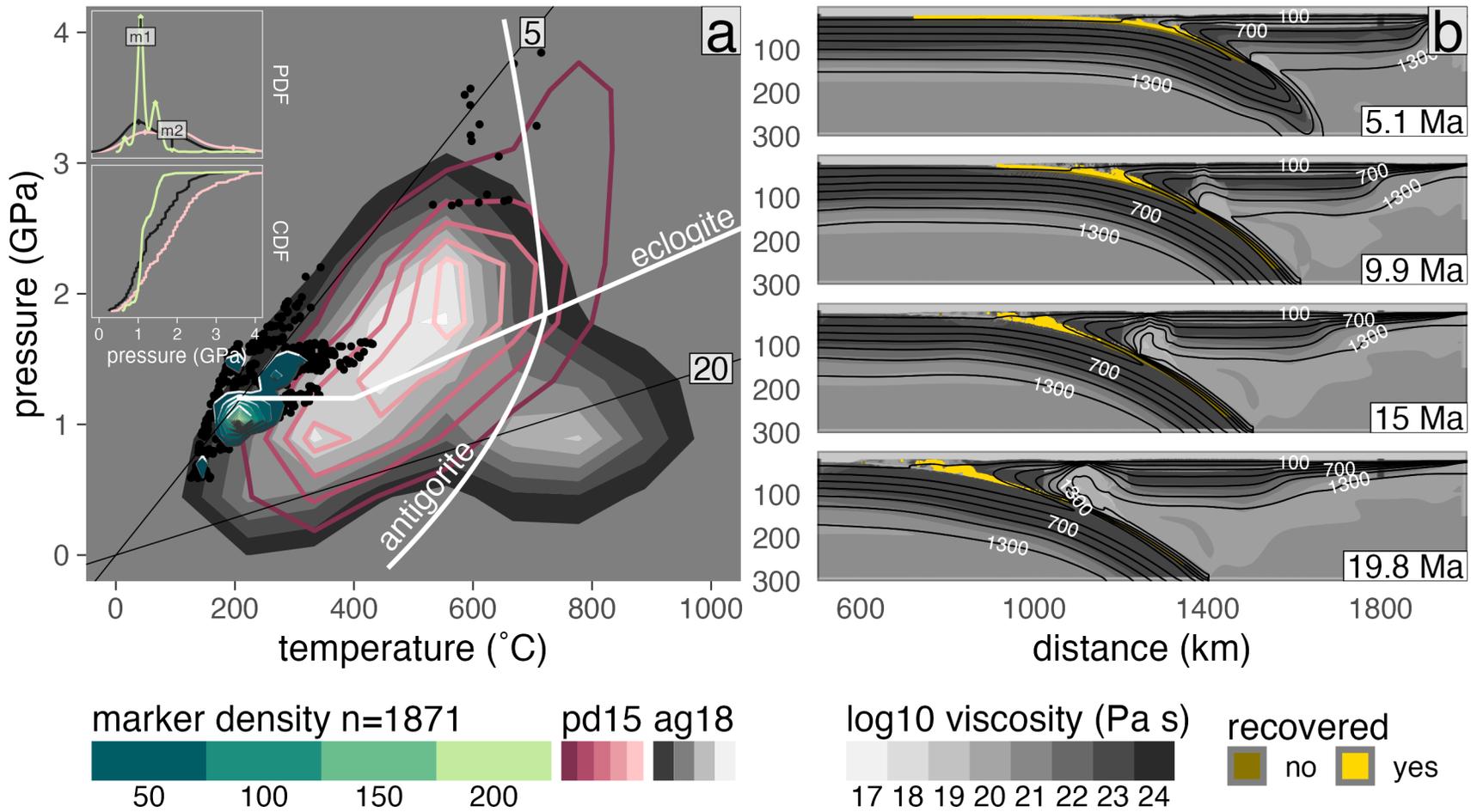


Figure S56: PT distribution of recovered markers from model cdn94. Refer to the main text for explanation of panels and colors.

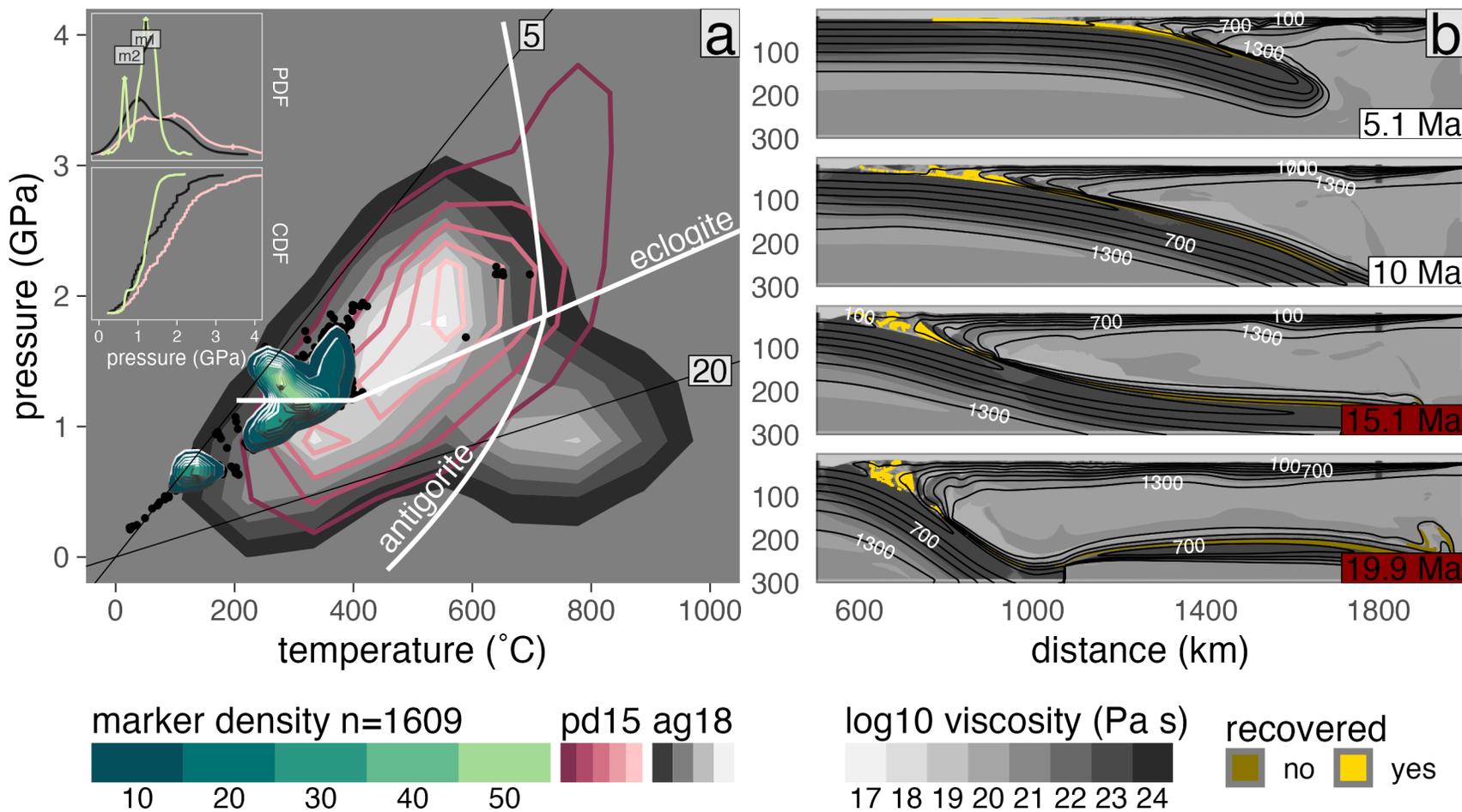


Figure S57: PT distribution of recovered markers from model cdo46. Refer to the main text for explanation of panels and colors.

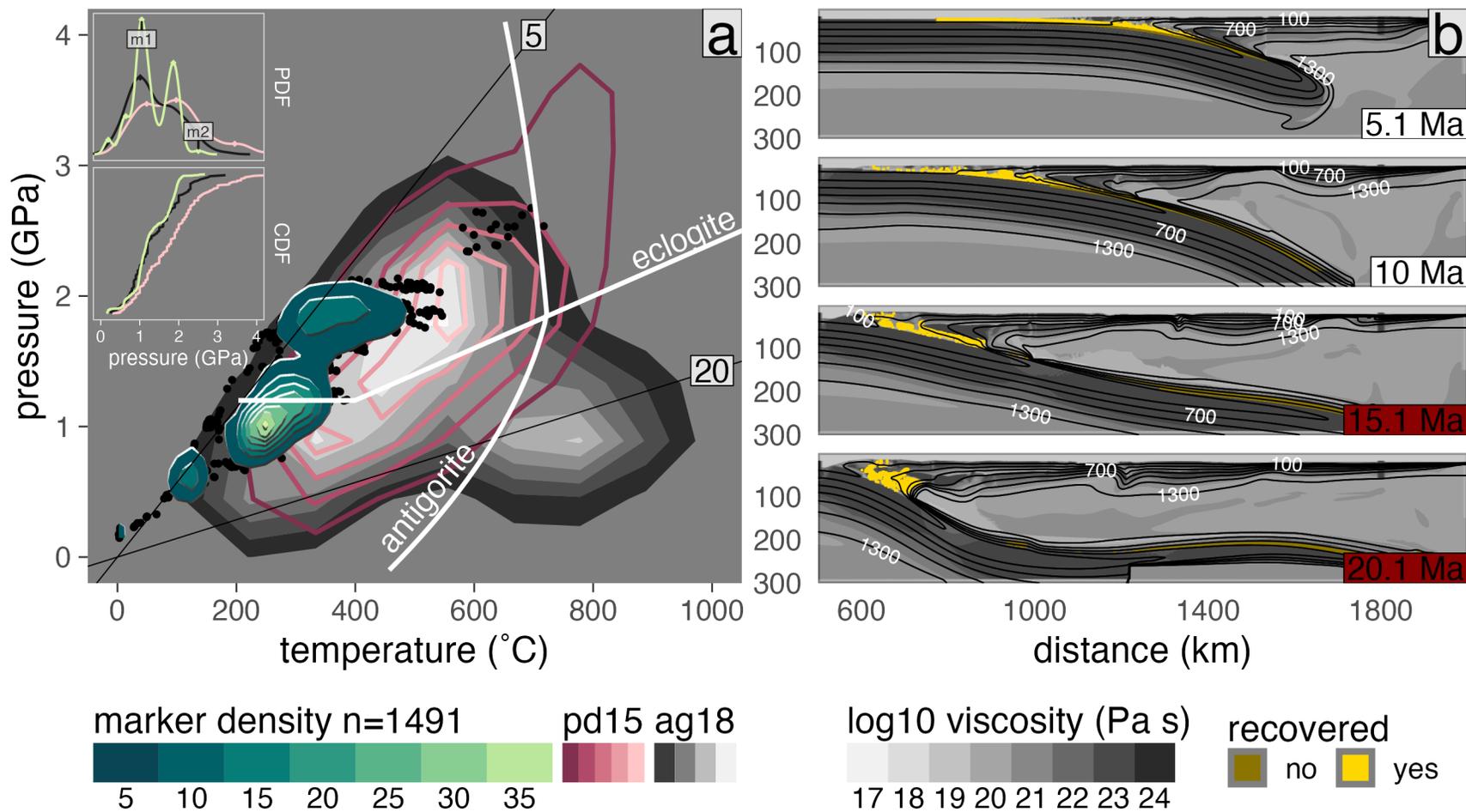


Figure S58: PT distribution of recovered markers from model cdo62. Refer to the main text for explanation of panels and colors.

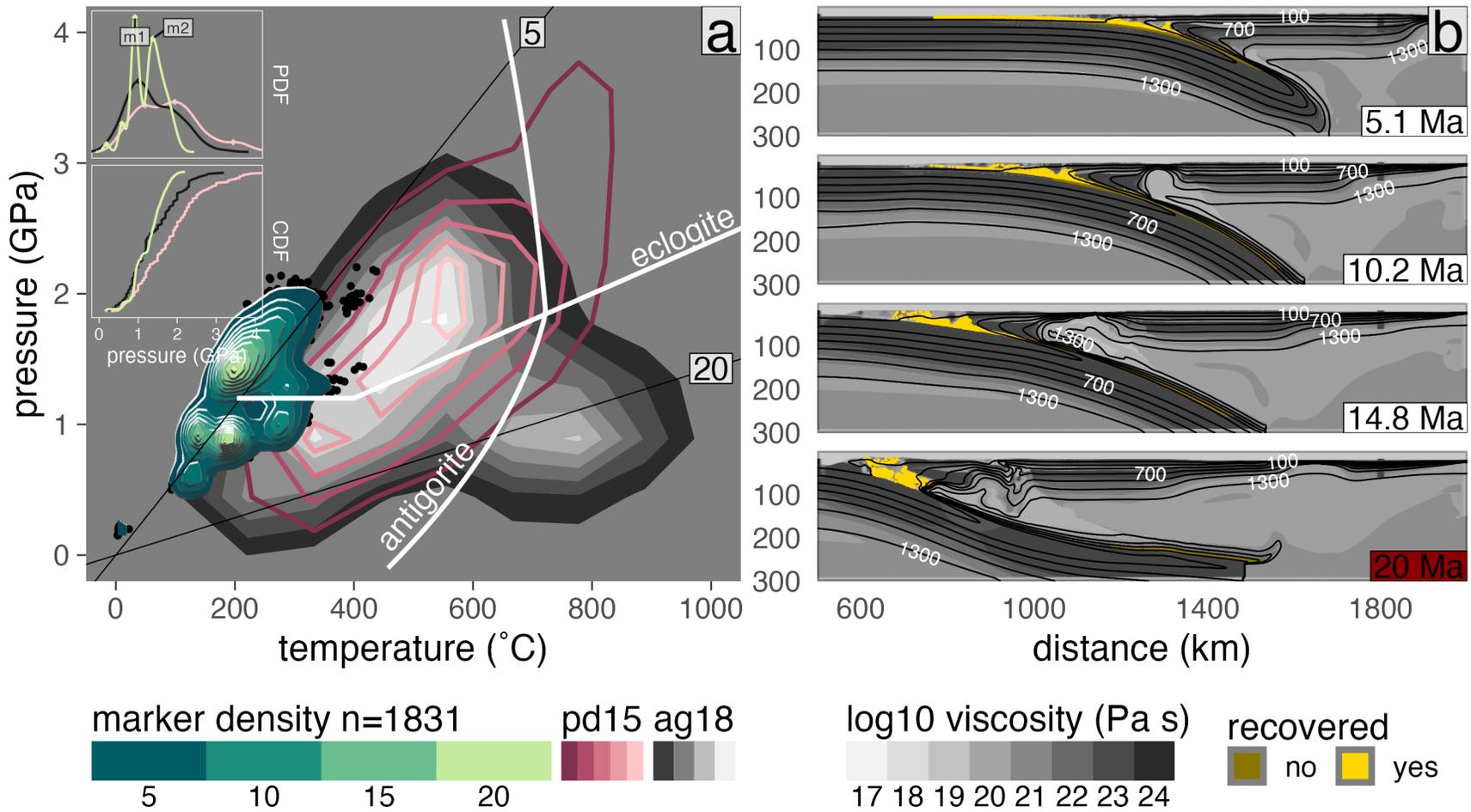


Figure S59: PT distribution of recovered markers from model cdo78. Refer to the main text for explanation of panels and colors.

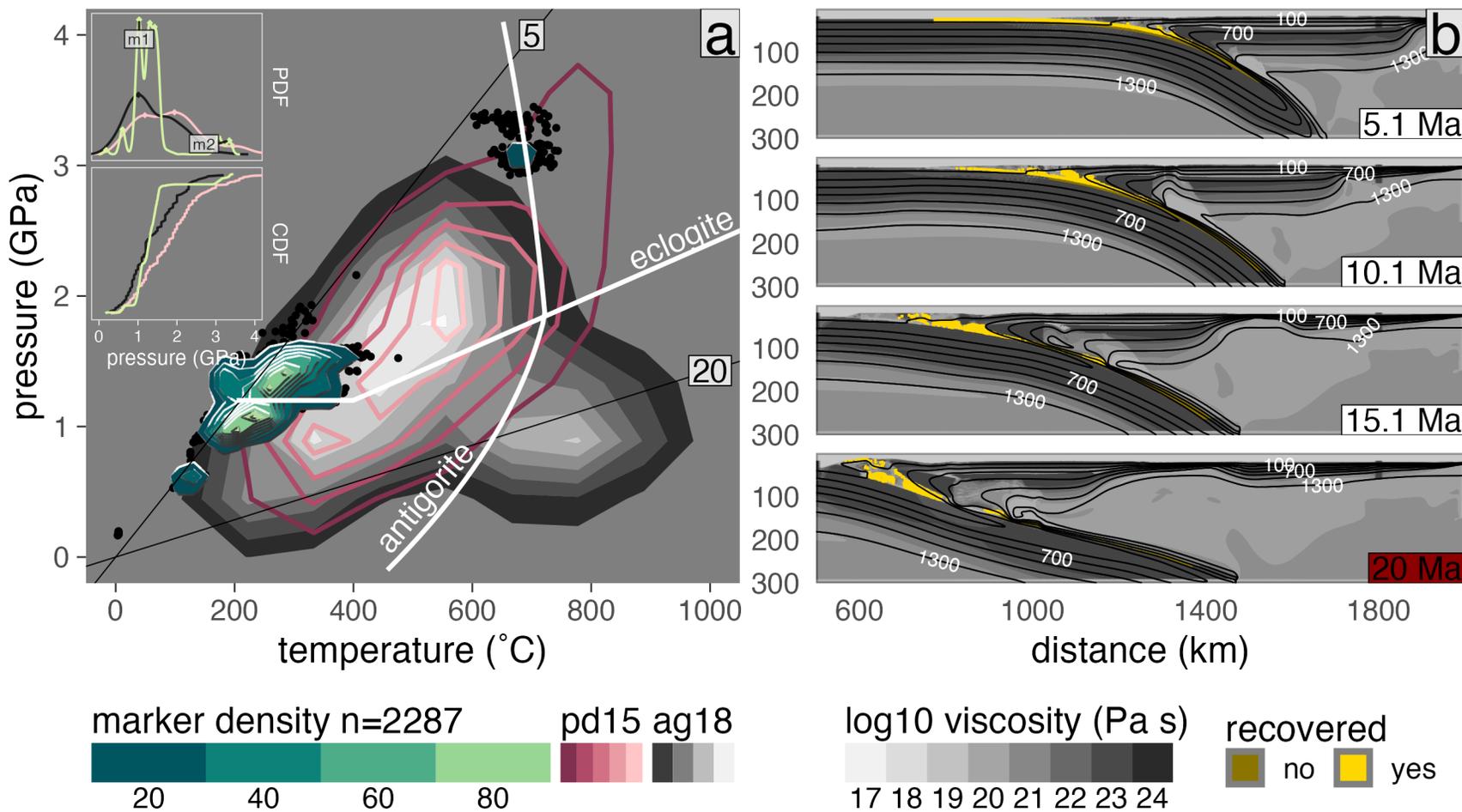


Figure S60: PT distribution of recovered markers from model cdo94. Refer to the main text for explanation of panels and colors.

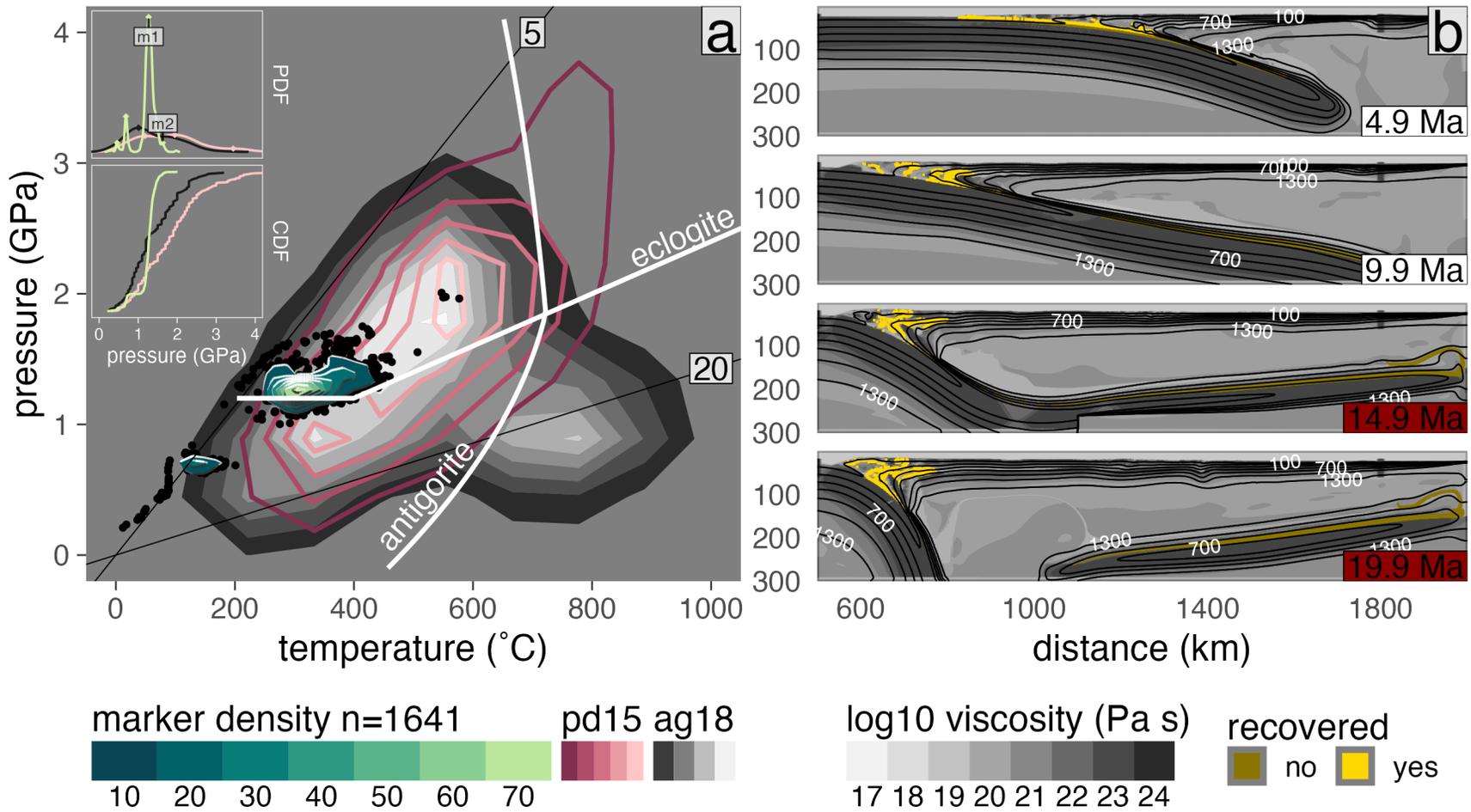


Figure S61: PT distribution of recovered markers from model cdp46. Refer to the main text for explanation of panels and colors.

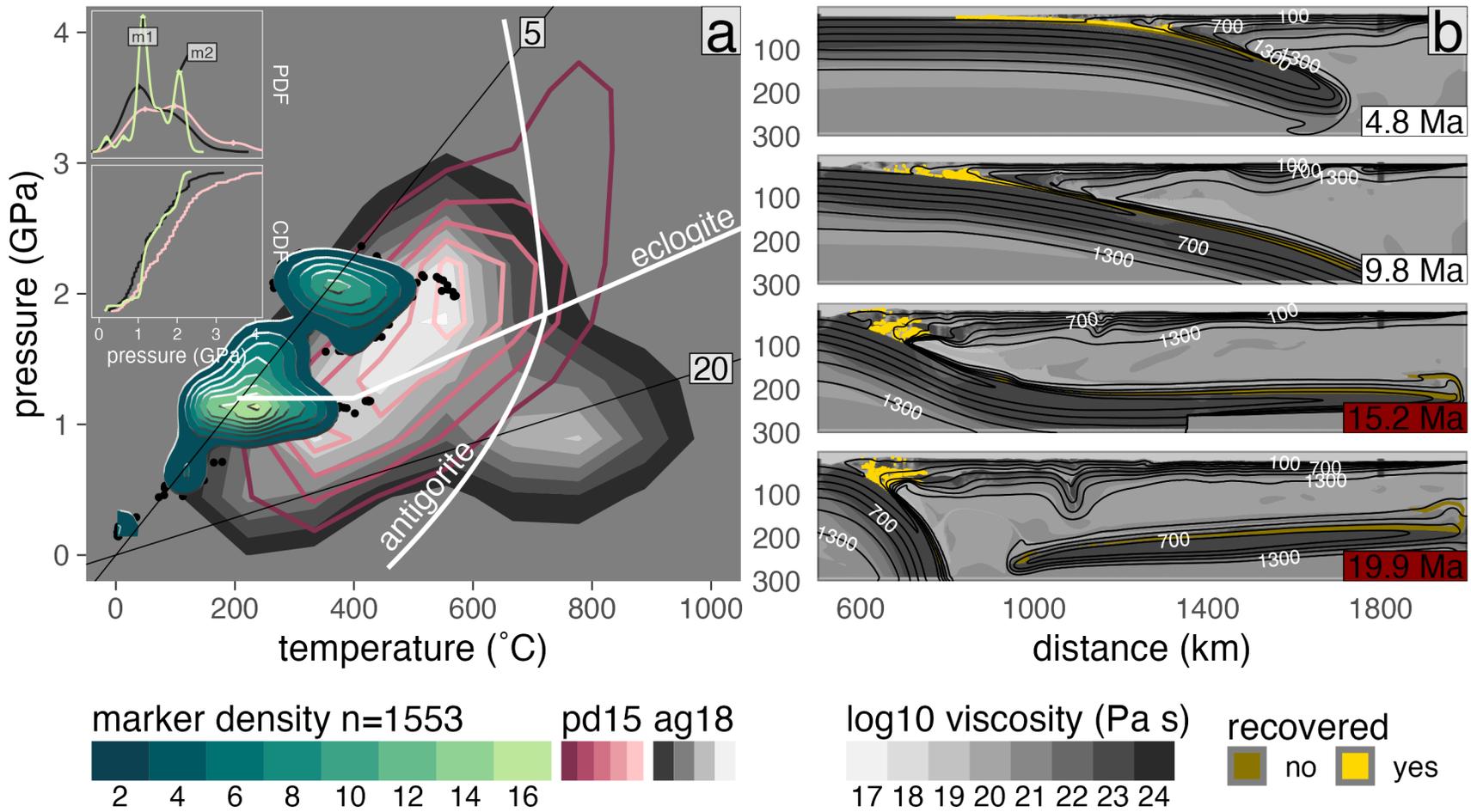


Figure S62: PT distribution of recovered markers from model cdp62. Refer to the main text for explanation of panels and colors.

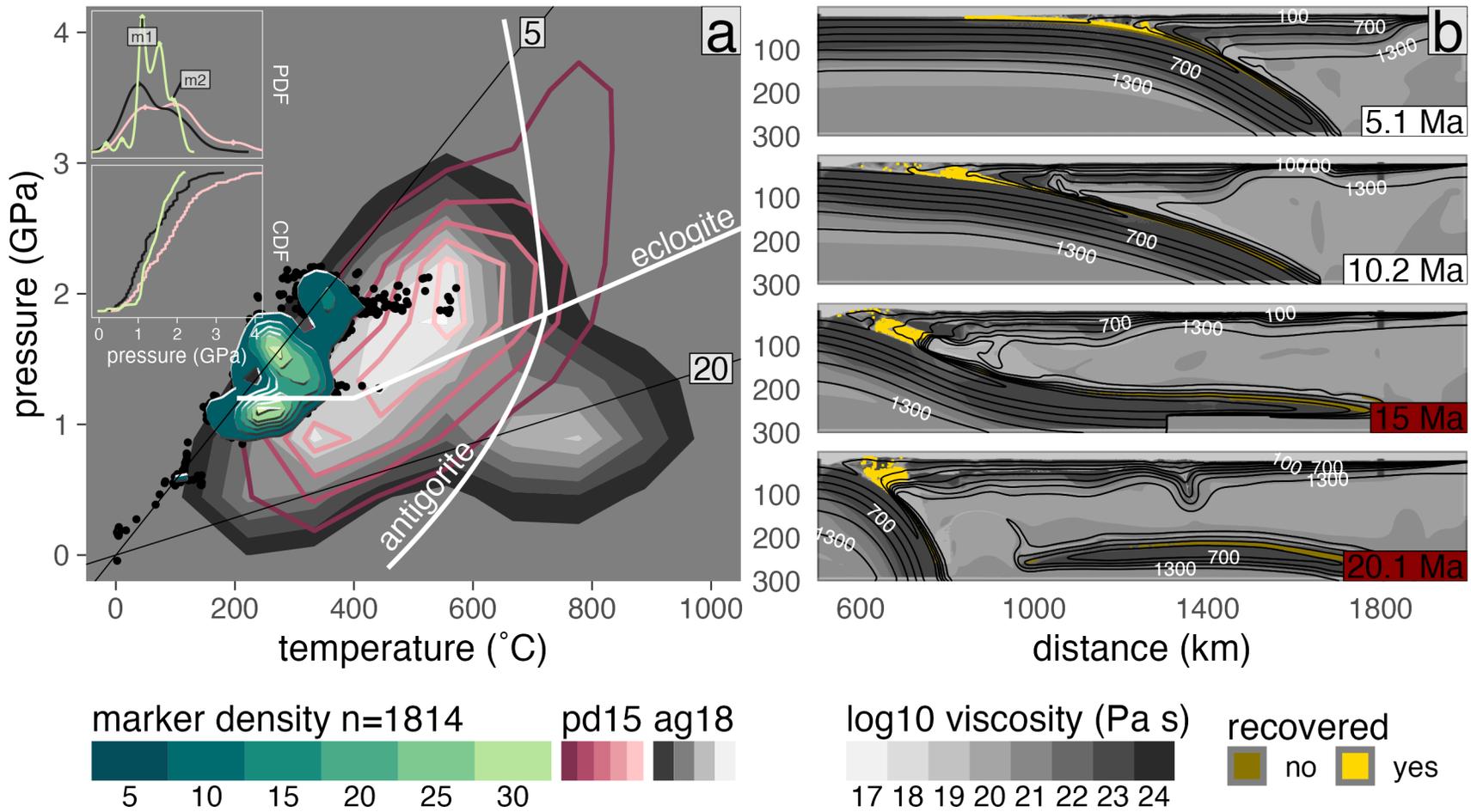


Figure S63: PT distribution of recovered markers from model cdp78. Refer to the main text for explanation of panels and colors.

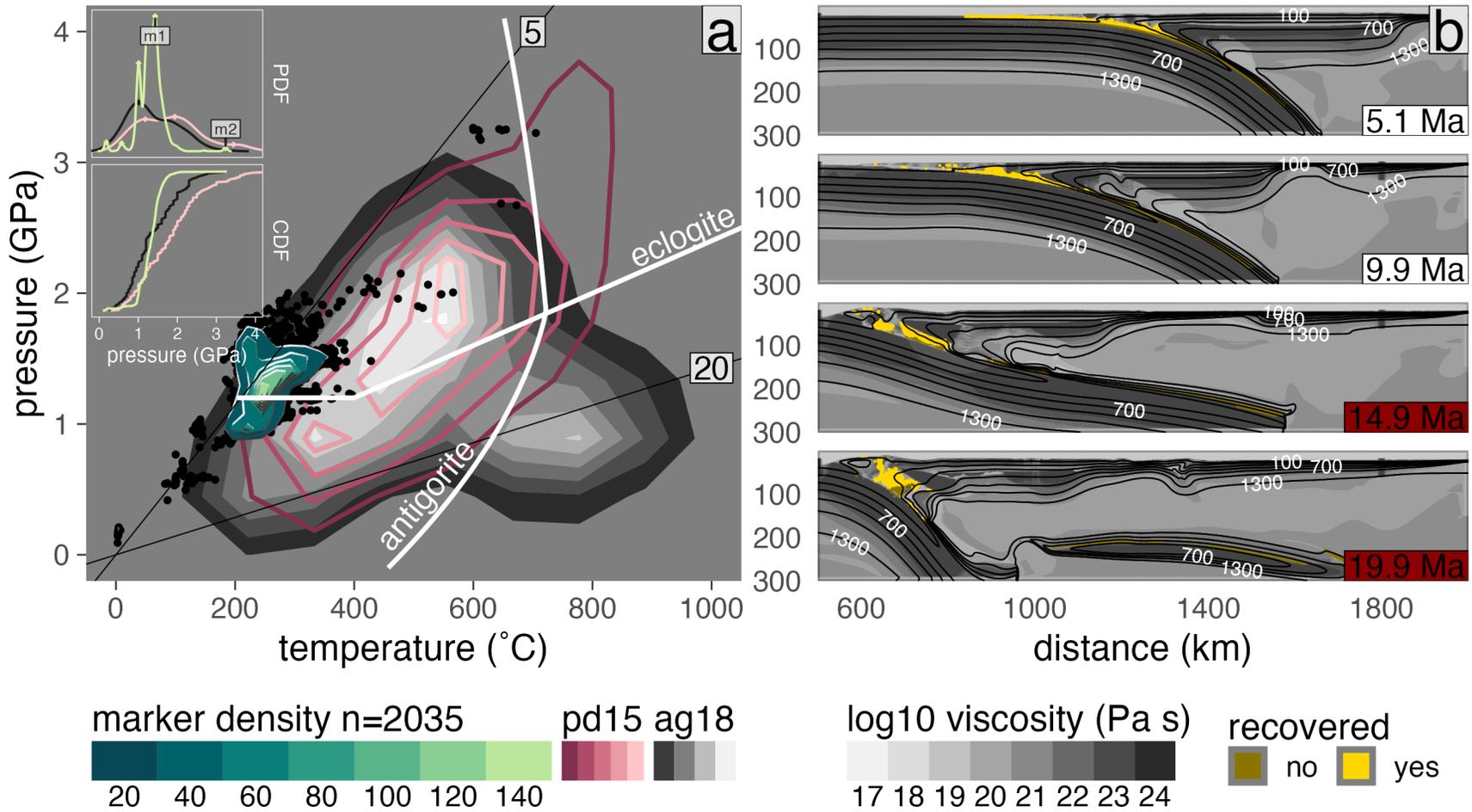


Figure S64: PT distribution of recovered markers from model cdp94. Refer to the main text for explanation of panels and colors.