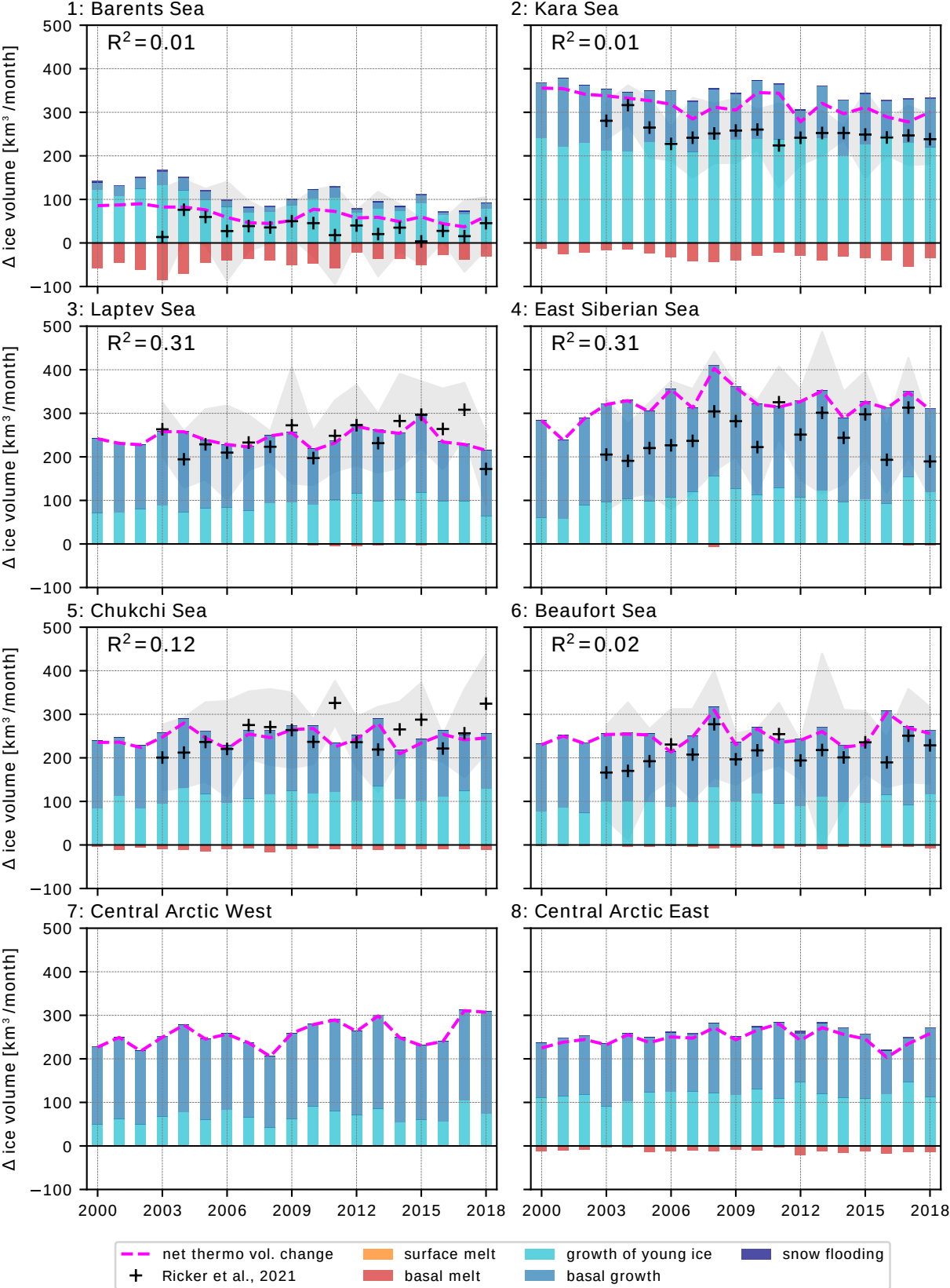
1: Barents Sea
$R^2 = 0.01$
2: Kara Sea
$R^2 = 0.01$
3: Laptev Sea
$R^2 = 0.31$
4: East Siberian Sea
$R^2 = 0.31$
5: Chukchi Sea
$R^2 = 0.12$
6: Beaufort Sea
$R^2 = 0.02$
7: Central Arctic West
8: Central Arctic East
Δ ice volume [km³/month]
500
400
300
200
100
0
−100
2000
2003
2006
2009
2012
2015
2018
net thermo vol. change
Ricker et al., 2021
surface melt
basal melt
growth of young ice
basal growth
snow flooding