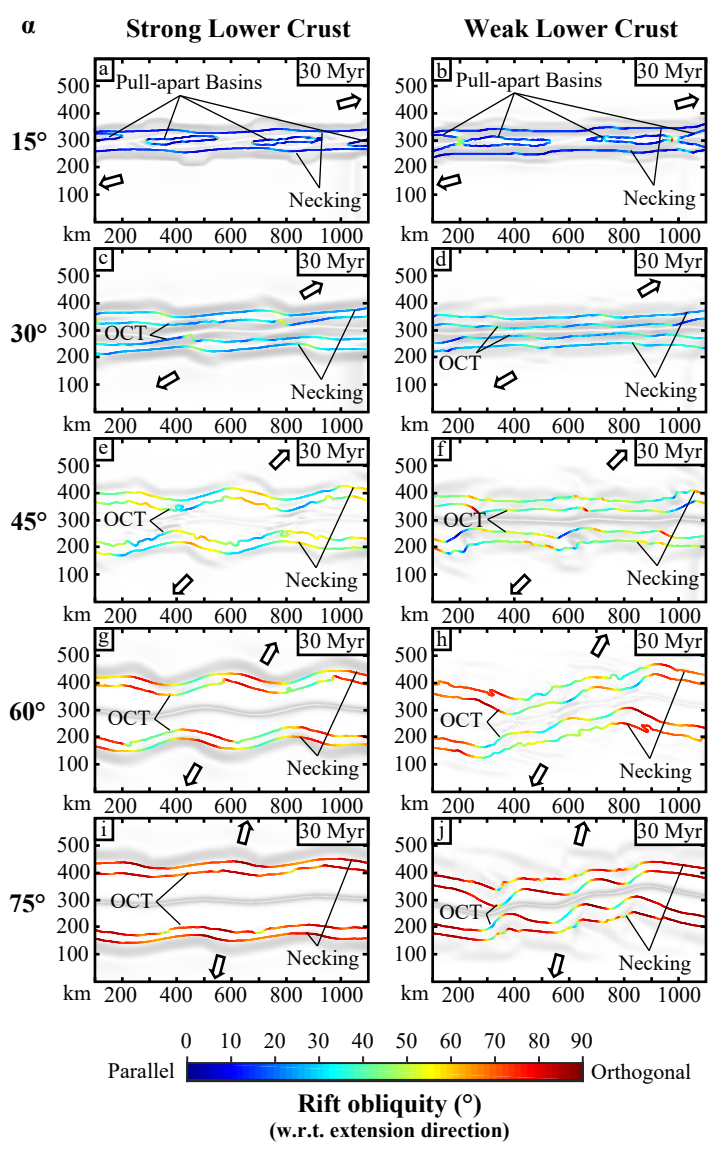
α
Strong Lower Crust
Weak Lower Crust
15°
30°
45°
60°
75°
a
b
c
d
e
f
g
h
i
j
30 Myr
Pull-apart Basins
OCT
Necking
km
0
10
20
30
40
50
60
70
80
90
Parallel
Orthogonal
Rift obliquity (°)
(w.r.t. extension direction)