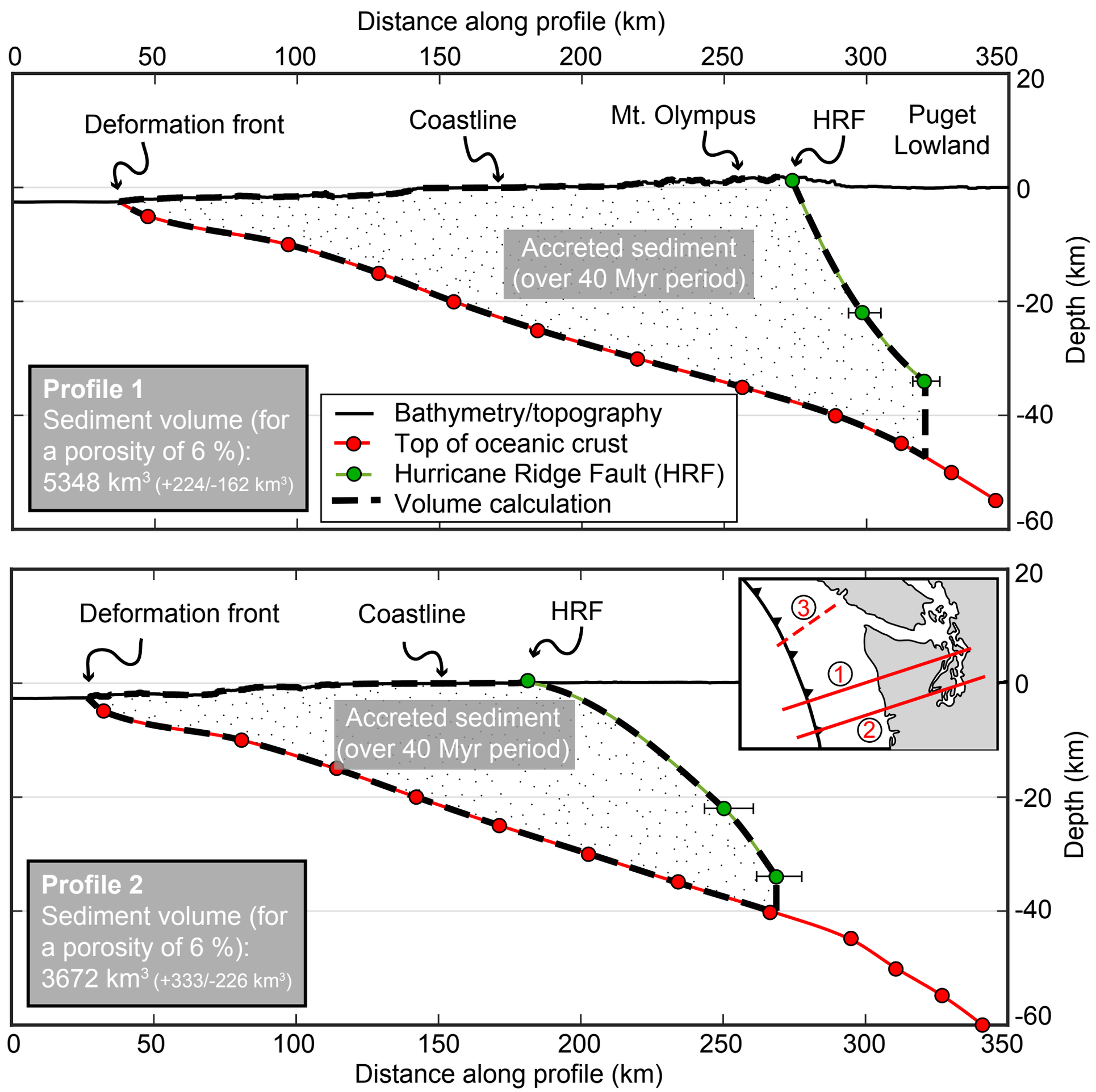
Distance along profile (km)
0
50
100
150
200
250
300
350
20
0
-20
-40
-60
Depth (km)
Deformation front
Coastline
Mt. Olympus
HRF
Puget Lowland
Accreted sediment (over 40 Myr period)
Profile 1
Sediment volume (for a porosity of 6 %):
5348 km³ (+224/-162 km³)
Bathymetry/topography
Top of oceanic crust
Hurricane Ridge Fault (HRF)
Volume calculation
Deformation front
Coastline
HRF
Accreted sediment (over 40 Myr period)
3
1
2
Profile 2
Sediment volume (for a porosity of 6 %):
3672 km³ (+333/-226 km³)
Distance along profile (km)