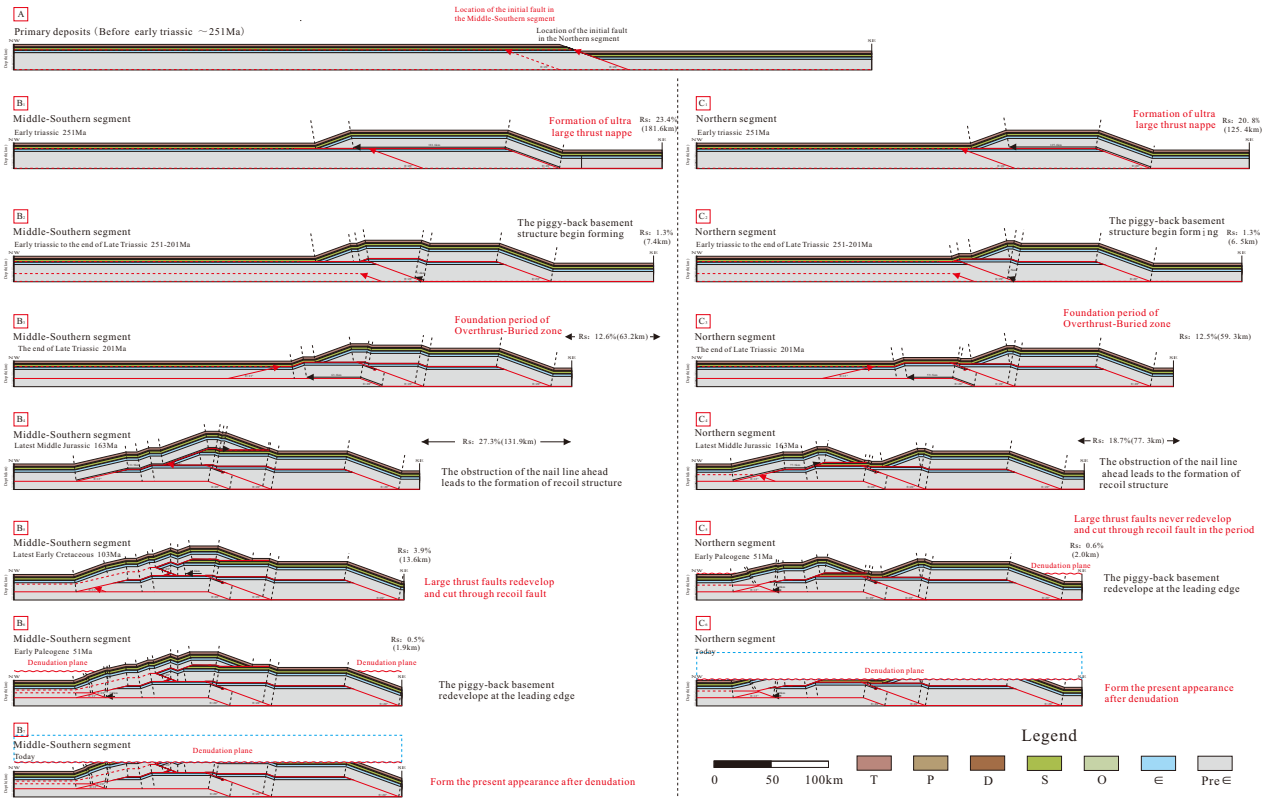
A
Primary deposits（Before early triassic ～251Ma）
Location of the initial fault in the Middle-Southern segment
Location of the initial fault in the Northern segment
B1
Middle-Southern segment
Early triassic 251Ma
Formation of ultra large thrust nappe
Rs: 23.4% (181.6km)
B2
Middle-Southern segment
Early triassic to the end of Late Triassic 251-201Ma
The piggy-back basement structure begin forming
Rs: 1.3% (7.4km)
B3
Middle-Southern segment
The end of Late Triassic 201Ma
Foundation period of Overthrust-Buried zone
Rs: 12.6%(63.2km)
B4
Middle-Southern segment
Latest Middle Jurassic 163Ma
Rs: 27.3%(131.9km)
The obstruction of the nail line ahead leads to the formation of recoil structure
B5
Middle-Southern segment
Latest Early Cretaceous 103Ma
Rs: 3.9% (13.6km)
Large thrust faults redevelop and cut through recoil fault
B6
Middle-Southern segment
Early Paleogene 51Ma
Denudation plane
Rs: 0.5% (1.9km)
The piggy-back basement redevelope at the leading edge
B7
Middle-Southern segment
Today
Denudation plane
Form the present appearance after denudation
C1
Northern segment
Early triassic 251Ma
Formation of ultra large thrust nappe
Rs: 20. 8% (125. 4km)
C2
Northern segment
Early triassic to the end of Late Triassic 251-201Ma
The piggy-back basement structure begin form i ng
Rs: 1.3% (6. 5km)
C3
Northern segment
The end of Late Triassic 201Ma
Foundation period of Overthrust-Buried zone
Rs: 12.5%(59. 3km)
C4
Northern segment
Latest Middle Jurassic 163Ma
Rs: 18.7%(77. 3km)
The obstruction of the nail line ahead leads to the formation of recoil structure
C5
Northern segment
Early Paleogene 51Ma
Large thrust faults never redevelop and cut through recoil fault in the period
Rs: 0.6% (2.0km)
Denudation plane
The piggy-back basement redevelope at the leading edge
C6
Northern segment
Today
Denudation plane
Form the present appearance after denudation
Legend
0 50 100km
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