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**Article:**

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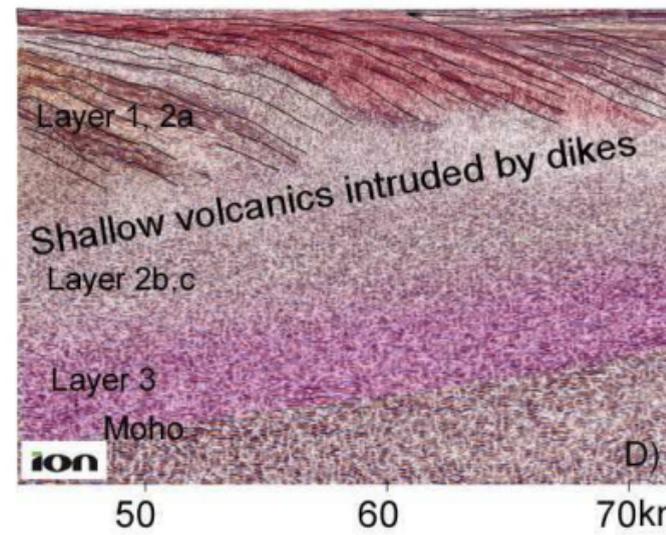
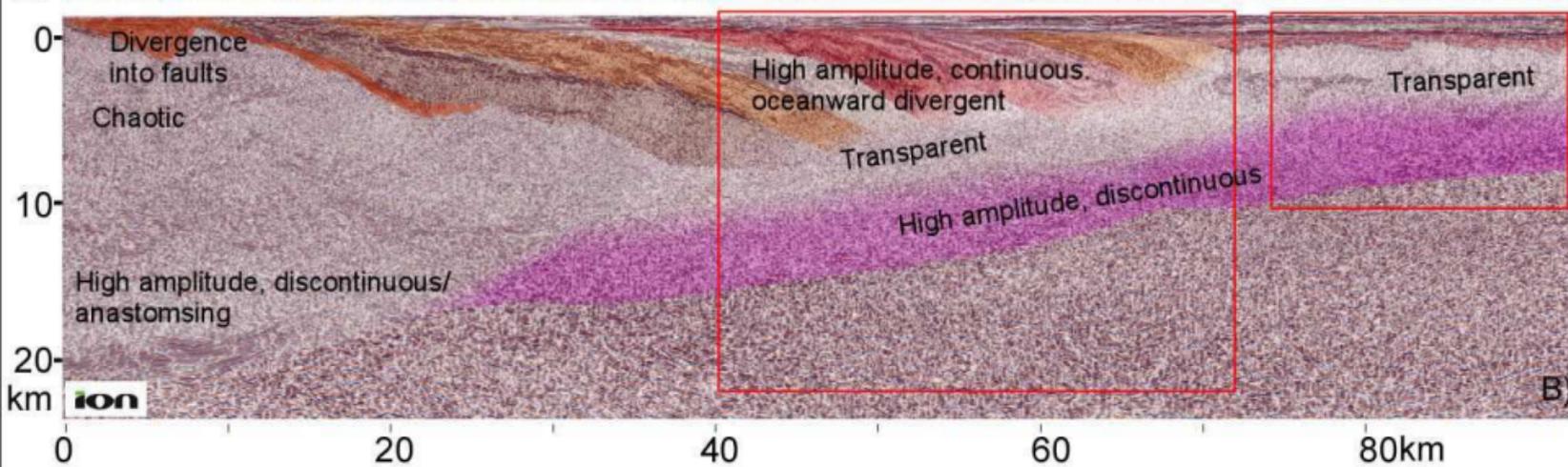
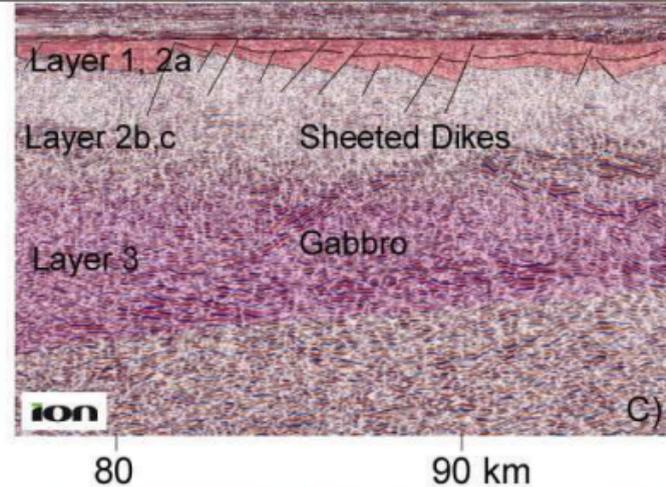
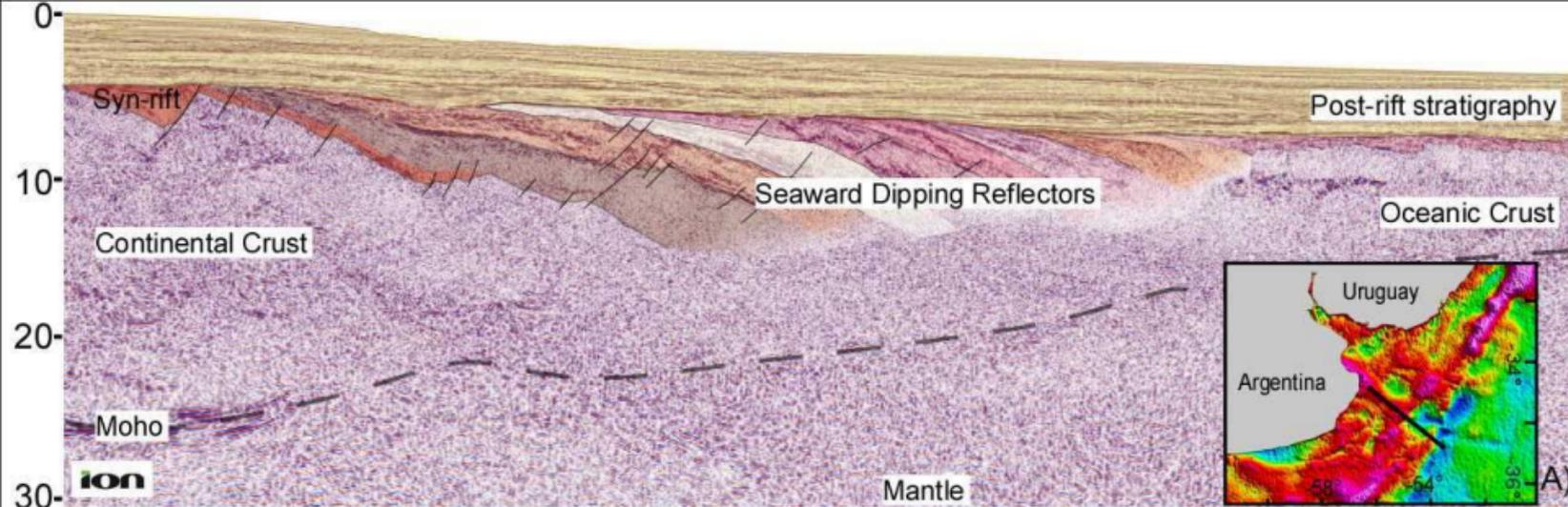
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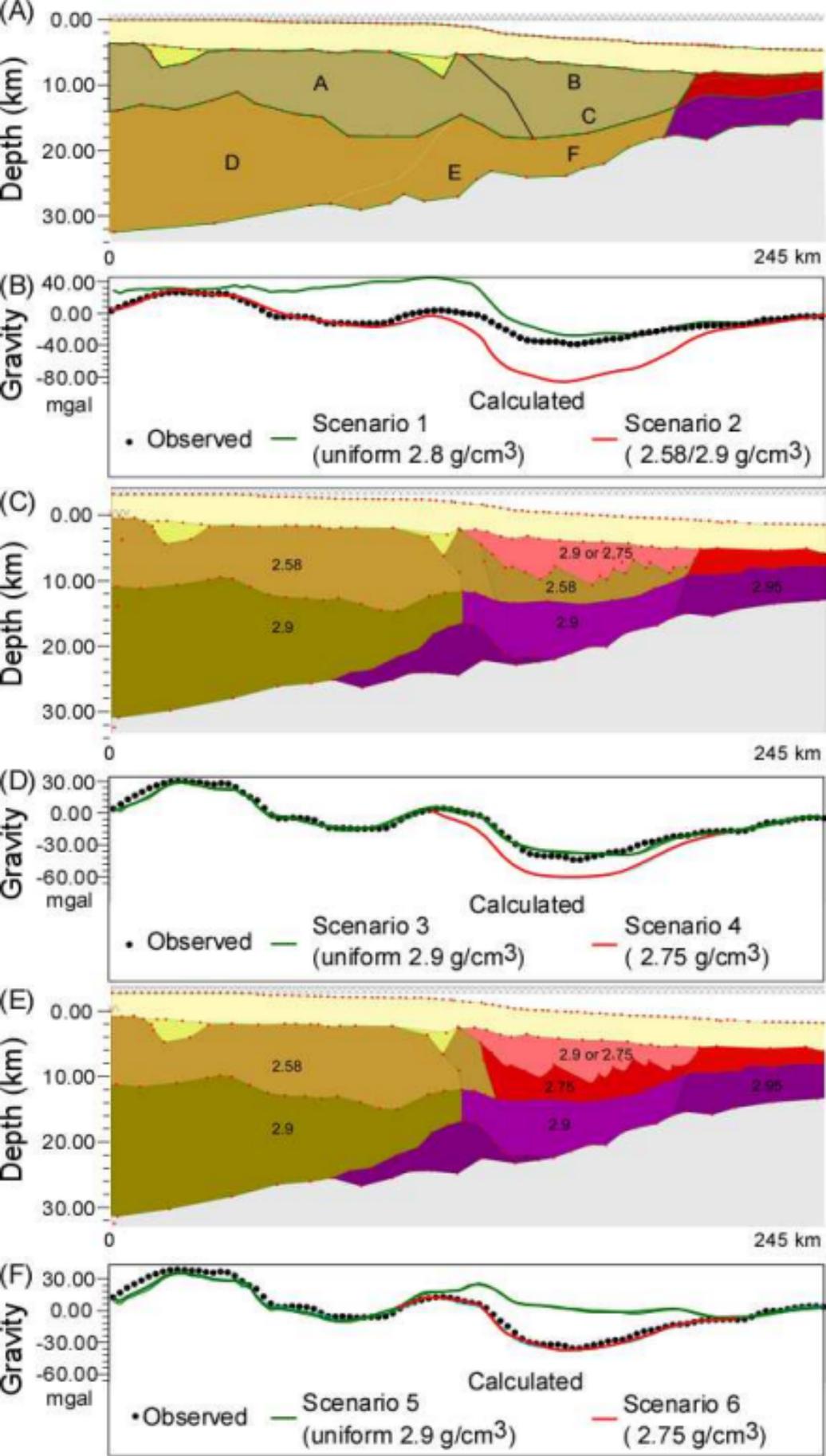
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Scenario	A	B	C	D	E	F
	Upper Crust	SDR	Sub-SDR Crust	Lower Crust	Under-plate	Lower Crust beneath SDR
1	2.80	2.80	2.80	2.8	2.8	2.8
2	2.58	2.58	2.58	2.9	2.9	2.9
3	2.58	2.90	2.58	2.9	2.9	2.9
4	2.58	2.75	2.58	2.9	2.9	2.9
5	2.58	2.90	2.75	2.9	2.9	2.9
6	2.58	2.75	2.75	2.9	2.9	2.9

Water = 1.03; Post-rift = 2.32; Syn-rift = 2.6; Mantle = 3.3;  
 Upper Oceanic Crust = 2.78; Lower Oceanic Crust = 2.95 (all g/cm<sup>3</sup>)

