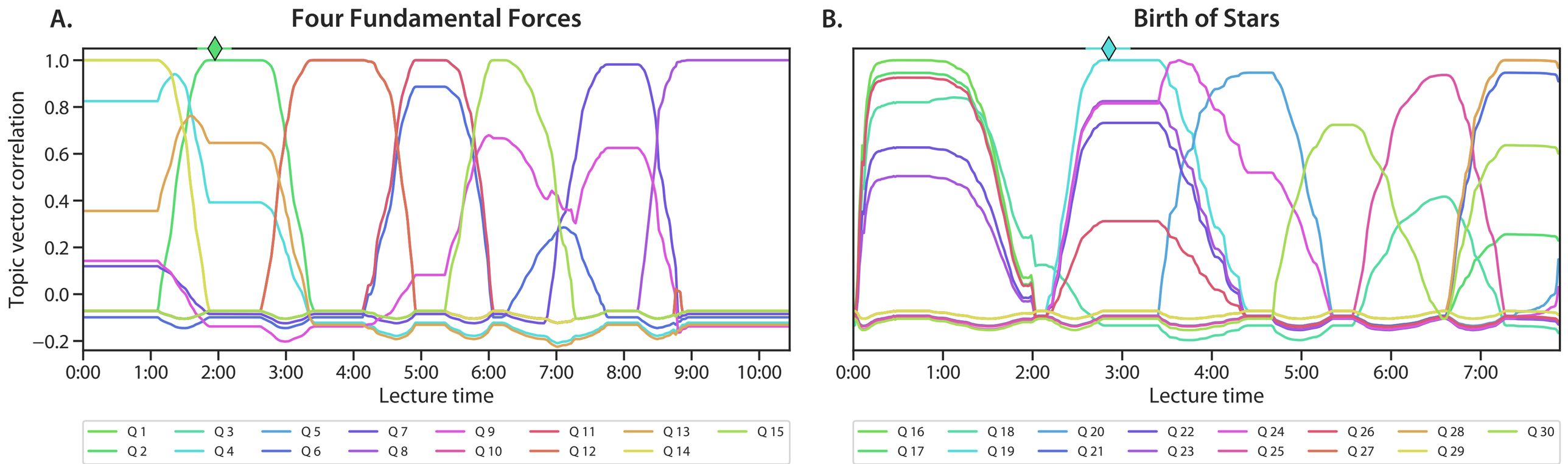

Q 2 "Which of the following is an example of the Weak Interaction?"

1:43–2:13 "...And just to give you an example of the actual weak interaction, if I had some cesium-137—137 means it has 137 nucleons. A nucleon is either a proton or a neutron [...] And it is cesium because it has exactly 55 protons. Now, the weak interaction is what's responsible for one of the neutrons—essentially one of its quarks flipping and turning into a proton..."

Q 19 "Which of the following can overcome the Coulomb Force?"

2:36–3:06 "...then all of a sudden, the strong force will overtake. It's much stronger than the Coulomb force, and then these two hydrogens will actually [...] fuse together. And so that is what actually happens once this gets hot and dense enough. You now have enough pressure and enough temperature to overcome the Coulomb force and bring these protons close enough to each other for fusion to occur."