Arguments

1. Alt large line is significantly larger than alternate small
2. Alt large line has more Bcd protein than alternate small (barely) 0-Dim
3. Alt large line is scaled (between lines) to Alternate small (Bicoid curves merge)
4. Alt Large line is scaled downstream (Hb mRNA data shows convergence)
5. Alt large line has more Bcd mRNA than Alternate Small (following dogma)

We can conclude that the problem exists during embryonic development and not during oogenesis (Bcd mRNA data). We can show

What if it is the case that oogenesis is fine because Bcd mRNA seems to be deposited in a scaled manner. But the translation rate has not scaled up to support the size of the embryo. While the mRNA is larger in Line 2.49.3, the total amount of Bcd protein is only slightly larger. What if this feature of development (translation rate) has not appropriately coevolved when the lines were selected for egg size; so it can be said that the absolute J is the same, but J relative to the embryo size is not scaled.