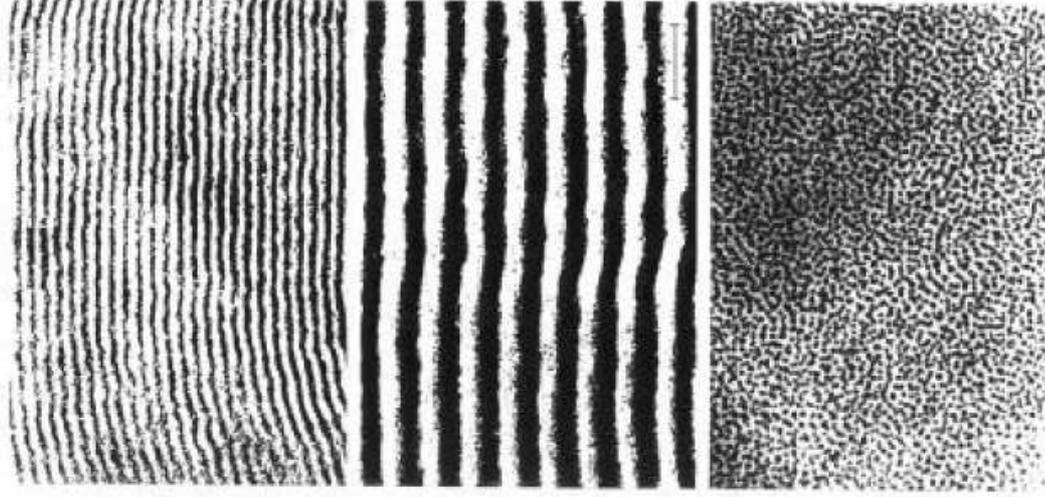
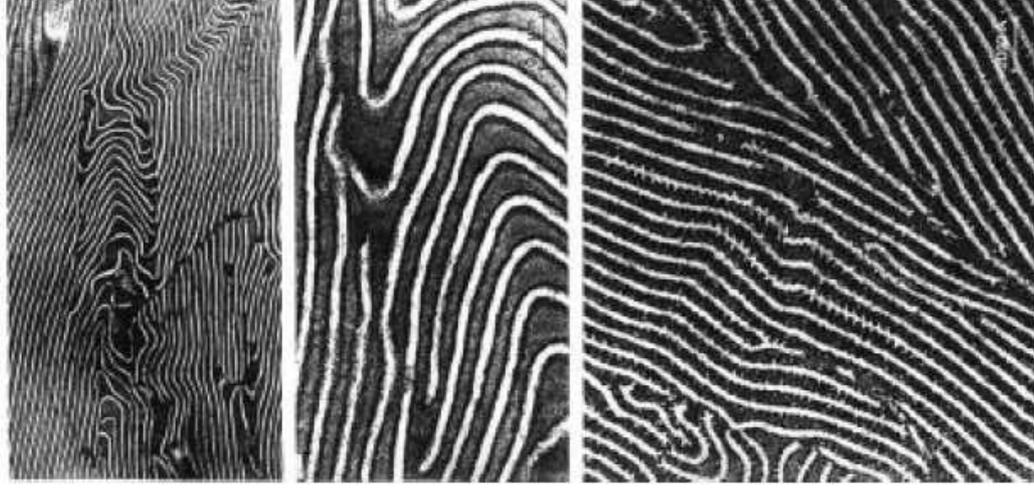


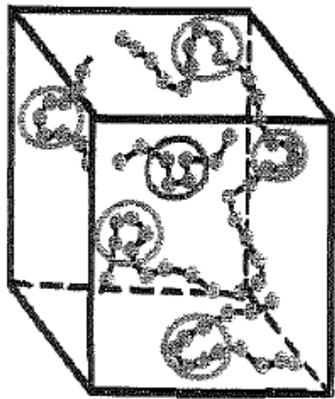
# Block Copolymer Morphologies



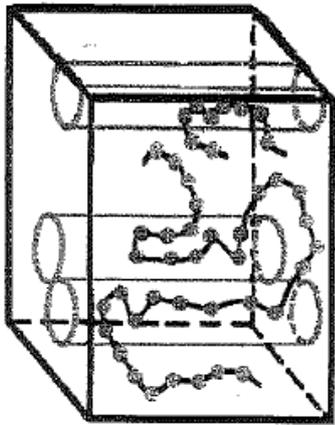
Diblock  
Copolymer  
(AB) ↓

↑  
Triblock  
Copolymer  
(ABC)

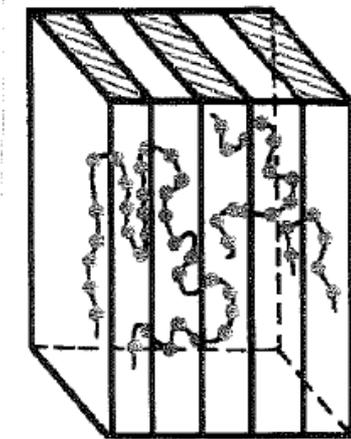




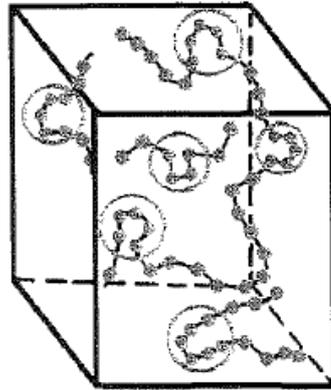
Esferas de B, nodos de A



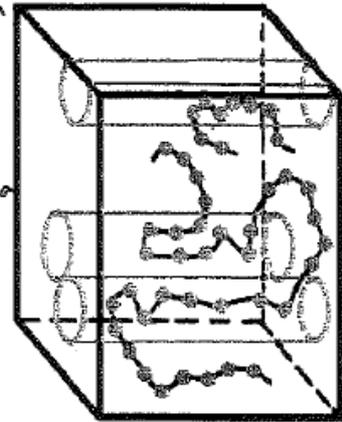
Cilindros de B, nodos de A



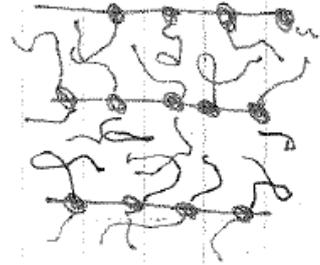
Láminas alternadas de A y B



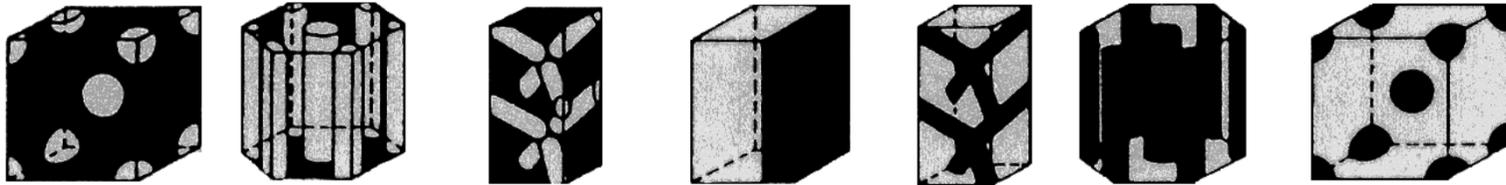
Esferas de A nodos de B



Cilindros de A nodos de B



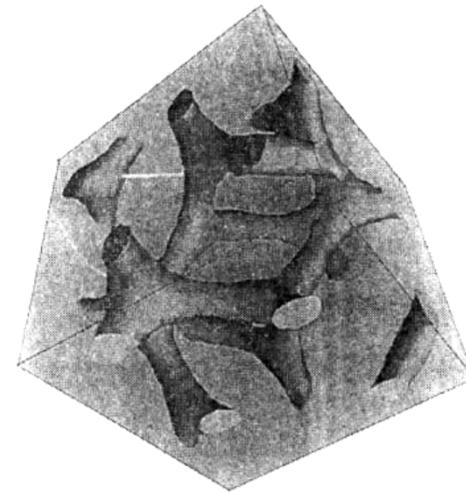




<b>A-Spheres</b>	<b>Cylinders</b>	<b>OBDD</b>	<b>Lamellae</b>	<b>OBDD</b>	<b>B-Cylinders</b>	<b>B-Spheres</b>
<b>Frac. PS</b>	<b>0.17</b>	<b>0.28</b>	<b>0.34</b>	<b>0.62</b>	<b>0.66</b>	<b>0.77</b>

**Copolimero de bloque Poliéstireno – Poli-isopreno**

**OBDD = ordered bicontinuous double diamond**



## Cinética de cristalización de esferulitas

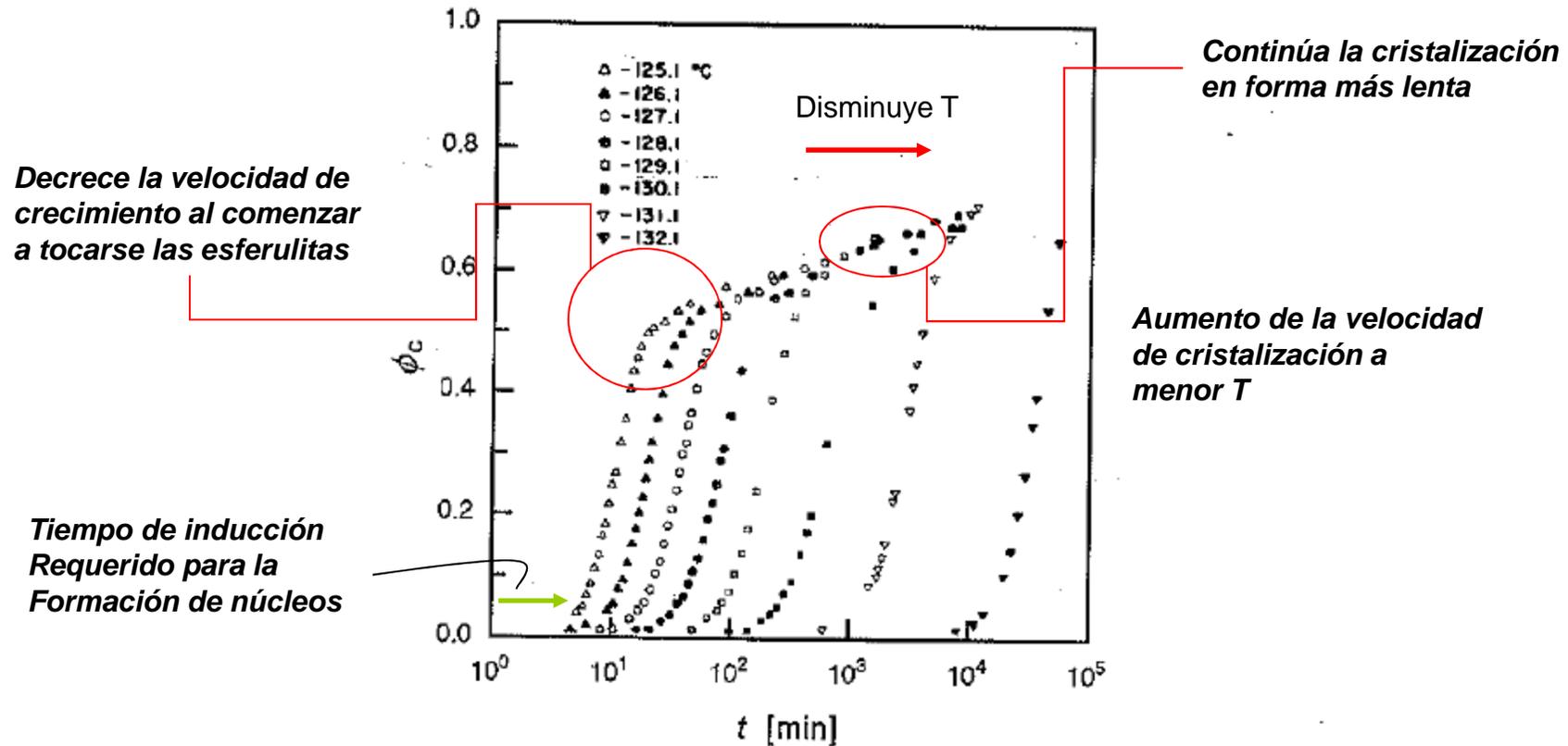
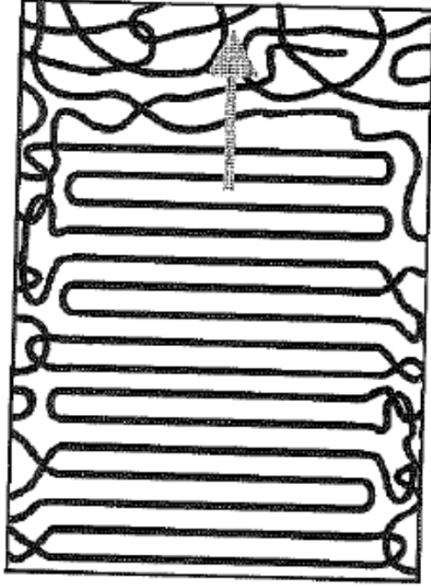


Fig. 4.14. Kinetics of crystallization associated with spherulite nucleation and growth, observed for PE ( $M = 2.85 \cdot 10^5$ ) in time dependent density measurements at the indicated temperatures. Dilatometric data of Ergoz et al.[38]



**Fig. 4.15.** Growth of a crystallite in a polymer melt. The growth face, being part of the spherulite surface, moves in the direction indicated by the *arrow*