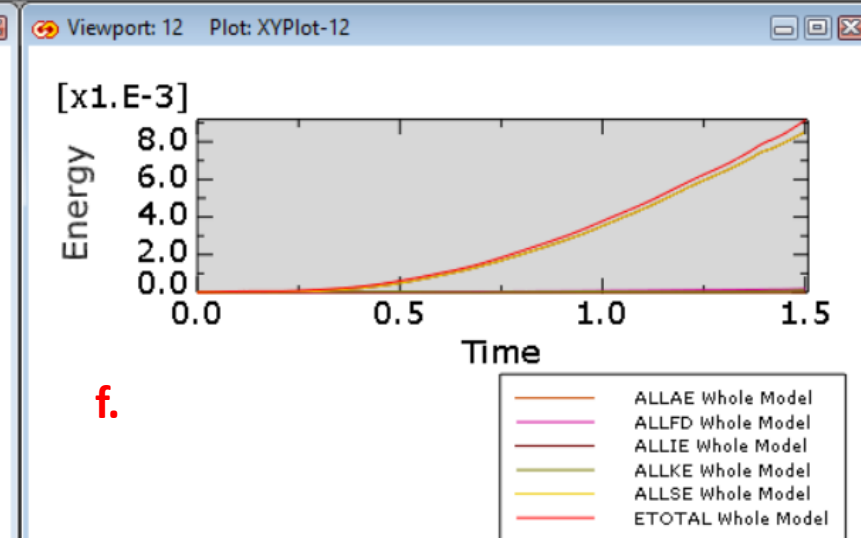
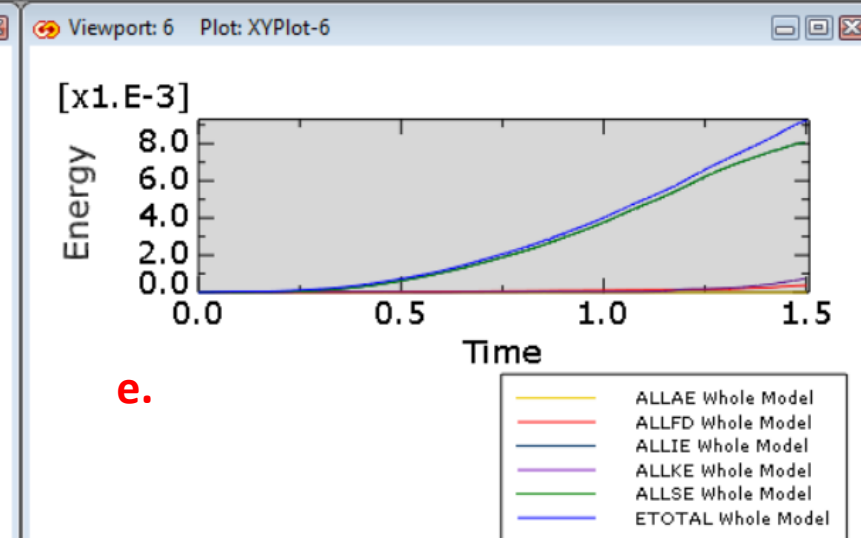
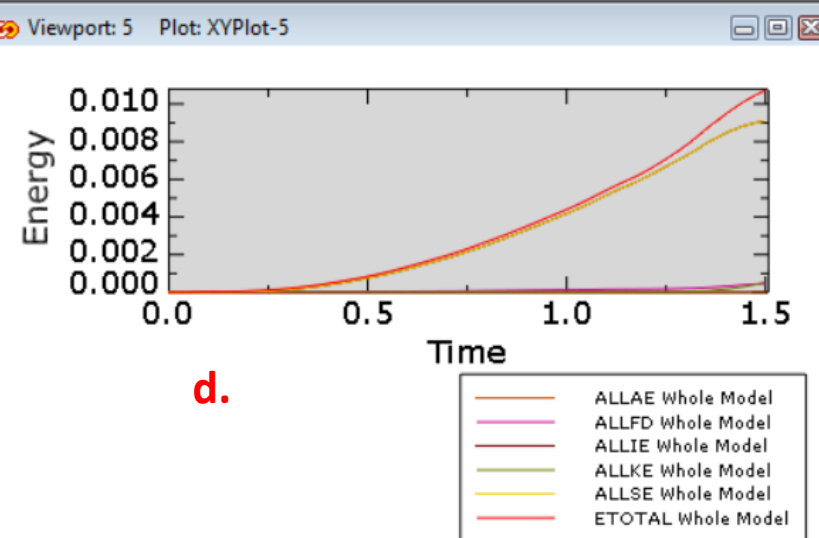
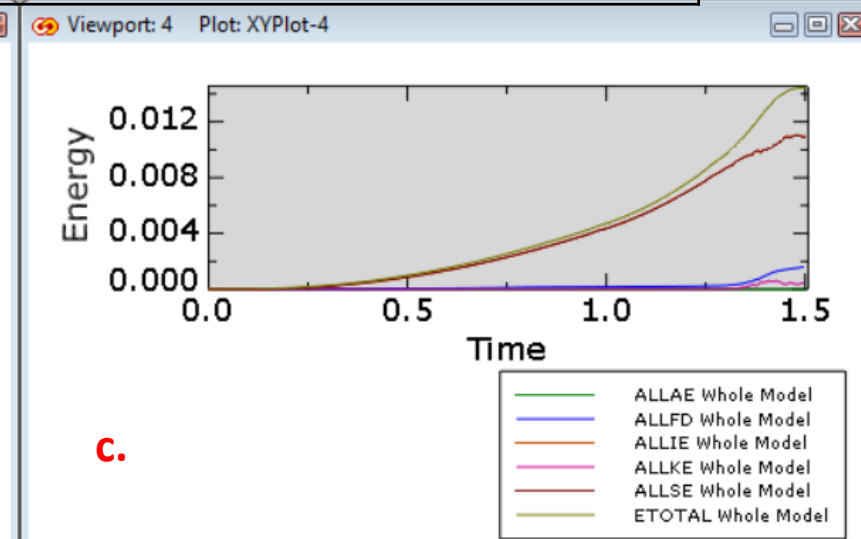
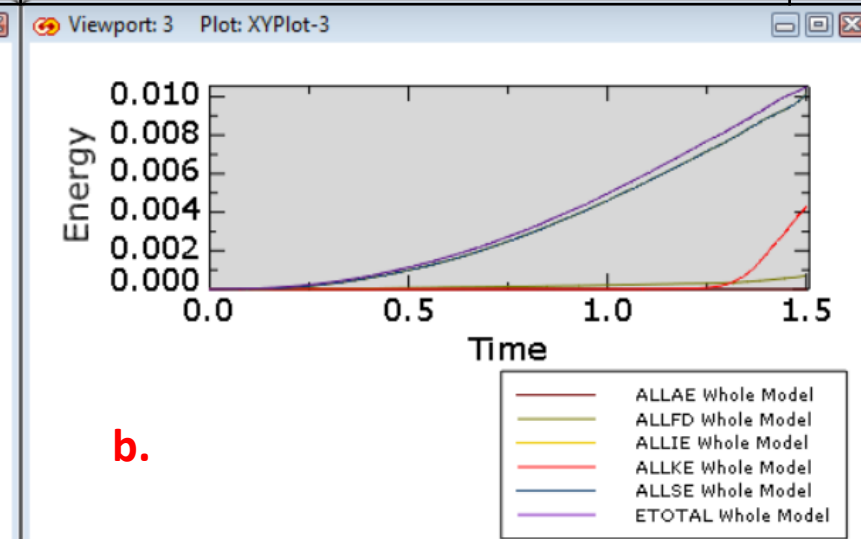
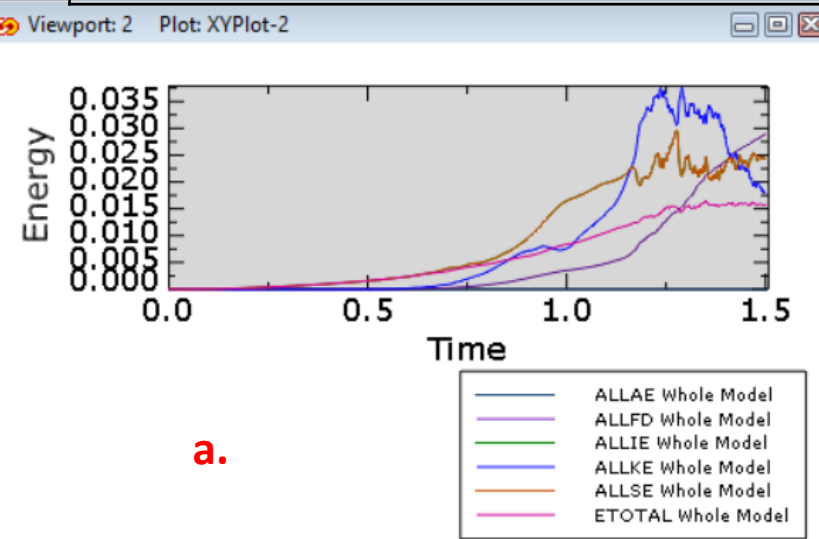


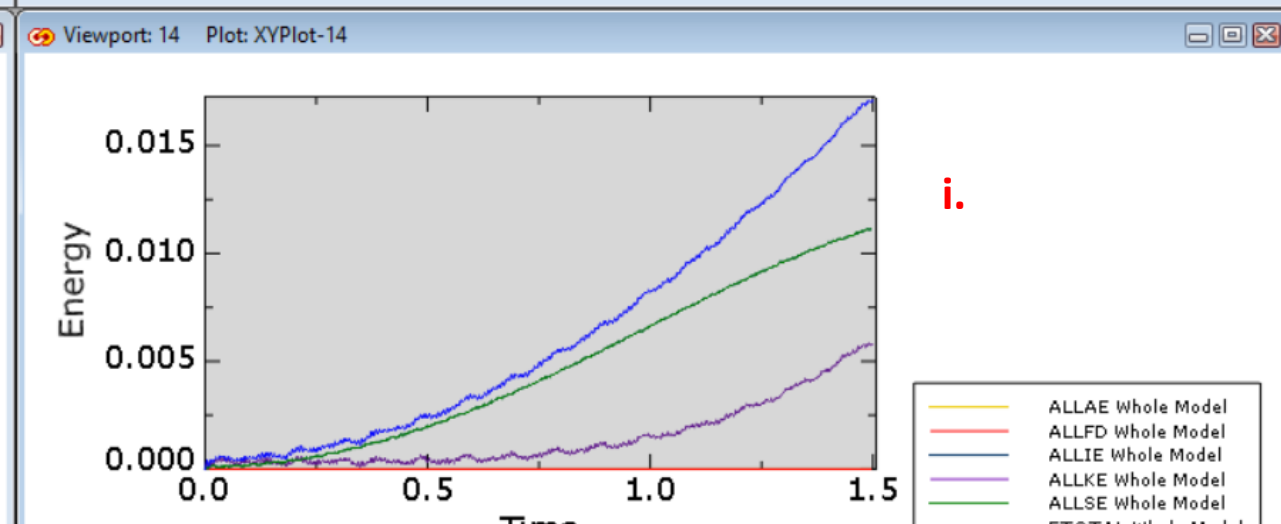
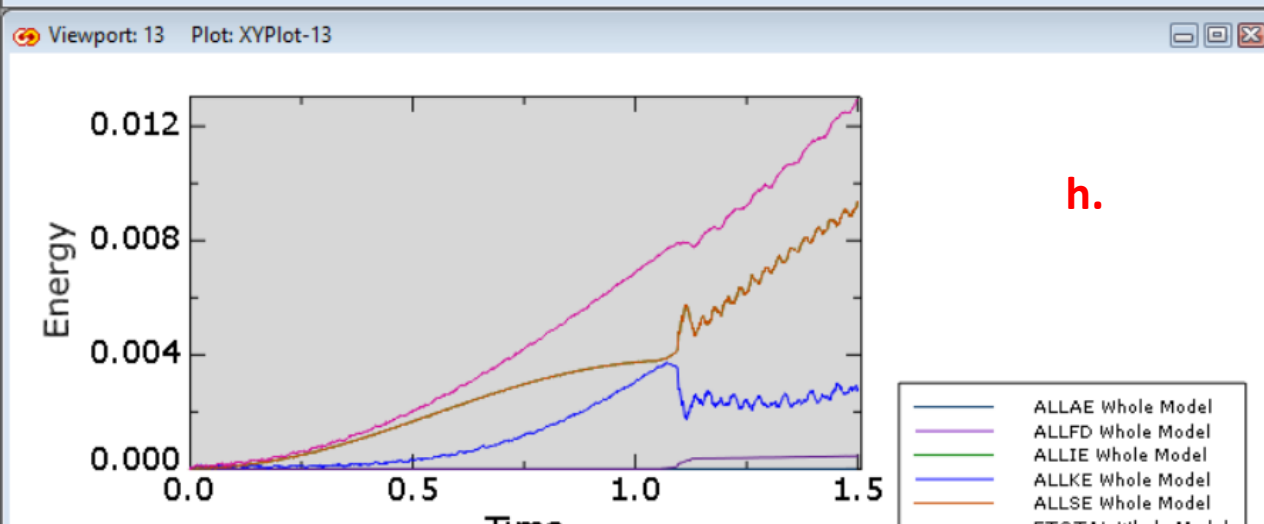
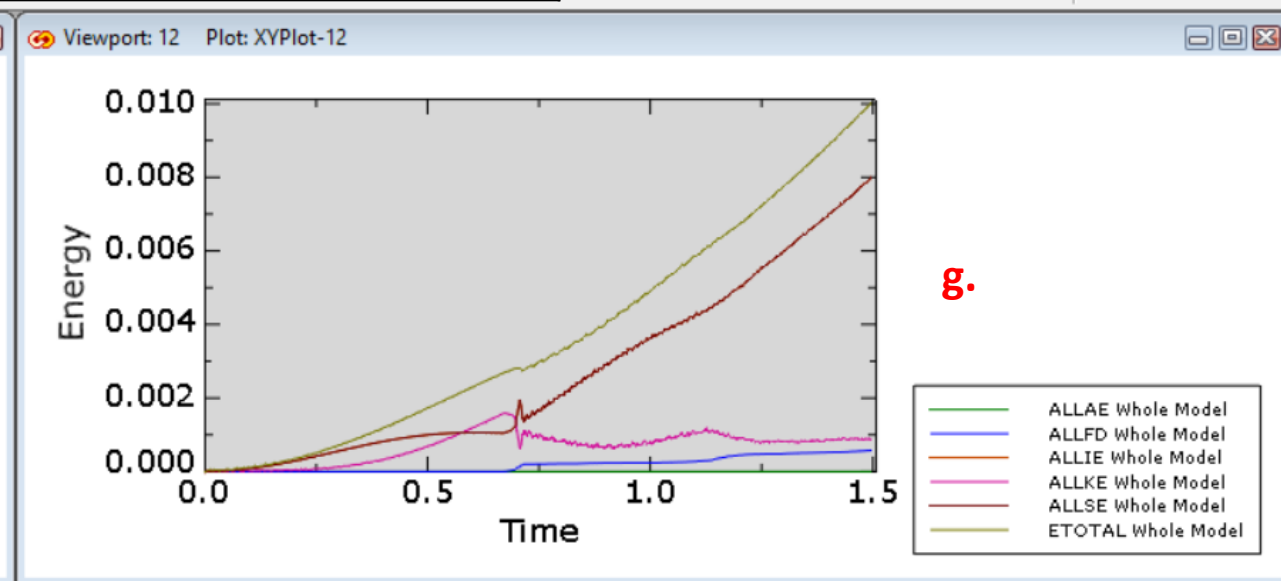
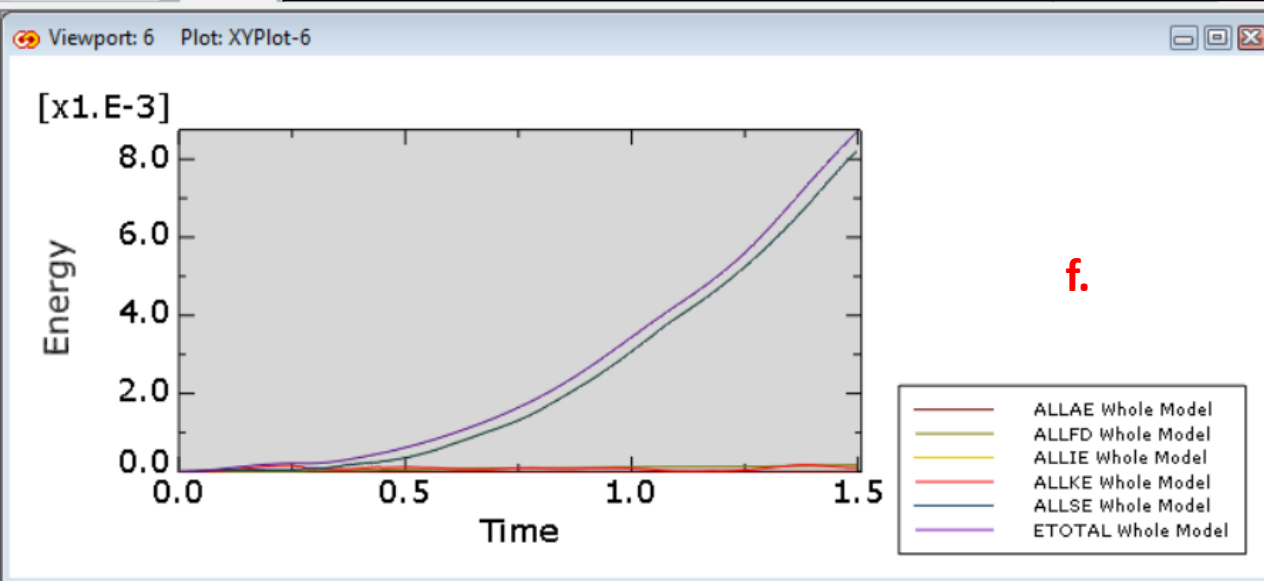
Mesh density - Energy Plot

Mesh Size()/ No of elements()		
a. 5/504	b. 2.5/932	c. 1/1152
d. 0.5/1300	e. 0.25/1652	f. 0.125/2092



Mesh density - Energy Plot

Mesh Size()/ No of elements()	
f. 0.05/4896	g. 0.01/24590
h. 0.005/49210	i. 0.0025/98424



Bilayer structure with different thermal material properties. Undergoes thermal loading(temperature increase). No dissipation of heat considered. Friction considered. On loading the 2 layer transform into a strain-minimized deformed structure. Deformation below refers to a strain minimized structure. Can we explain lack of strain minimized structure stable structure when using high mesh density?

a. excessive deformation and only cases where beam penetrates through.	b. high deformation	c. low deformation
d. considerable deformation	e. considerable deformation	f. slight deformation

g. no deformation	h. no deformation
i. no deformation	j. no deformation