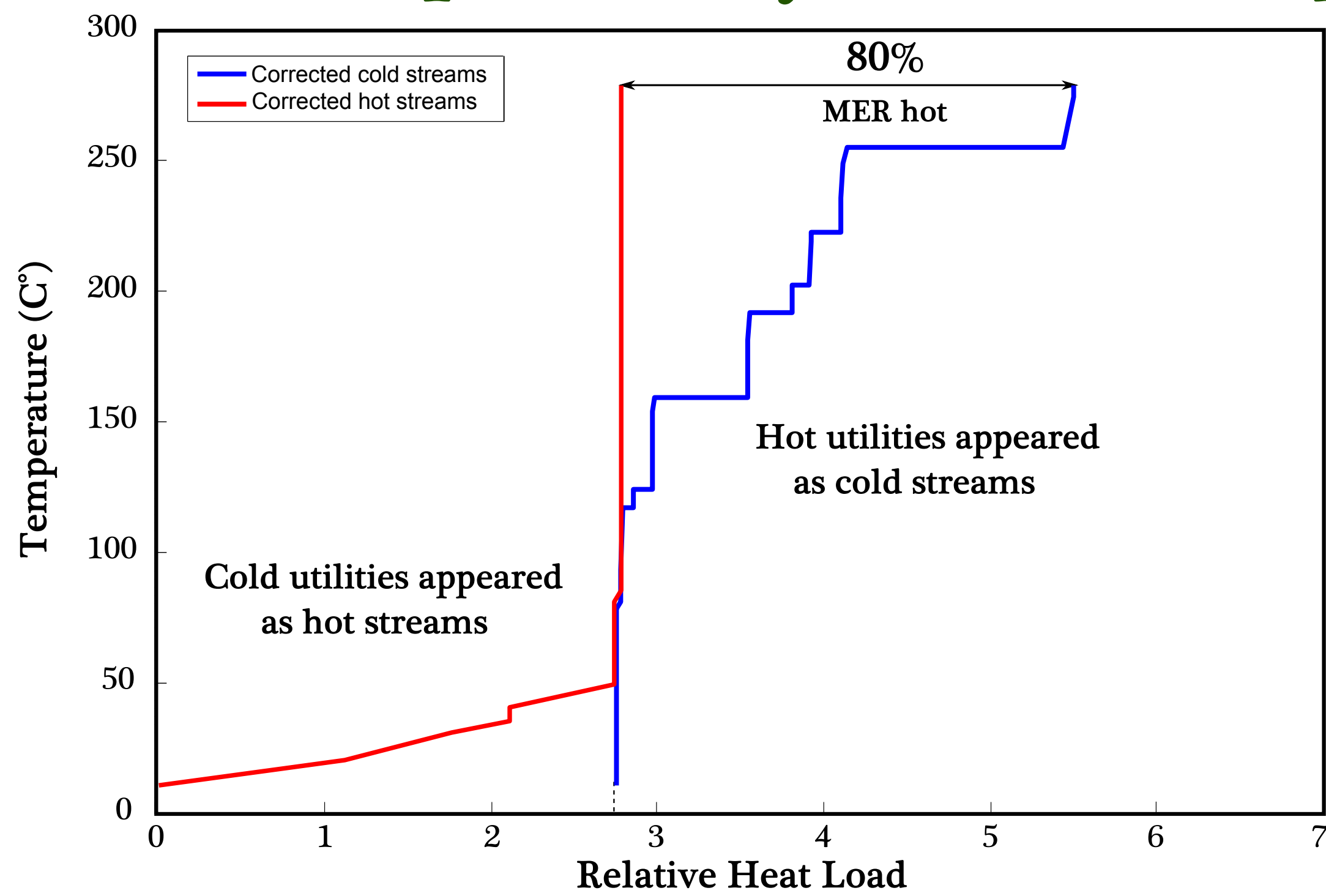
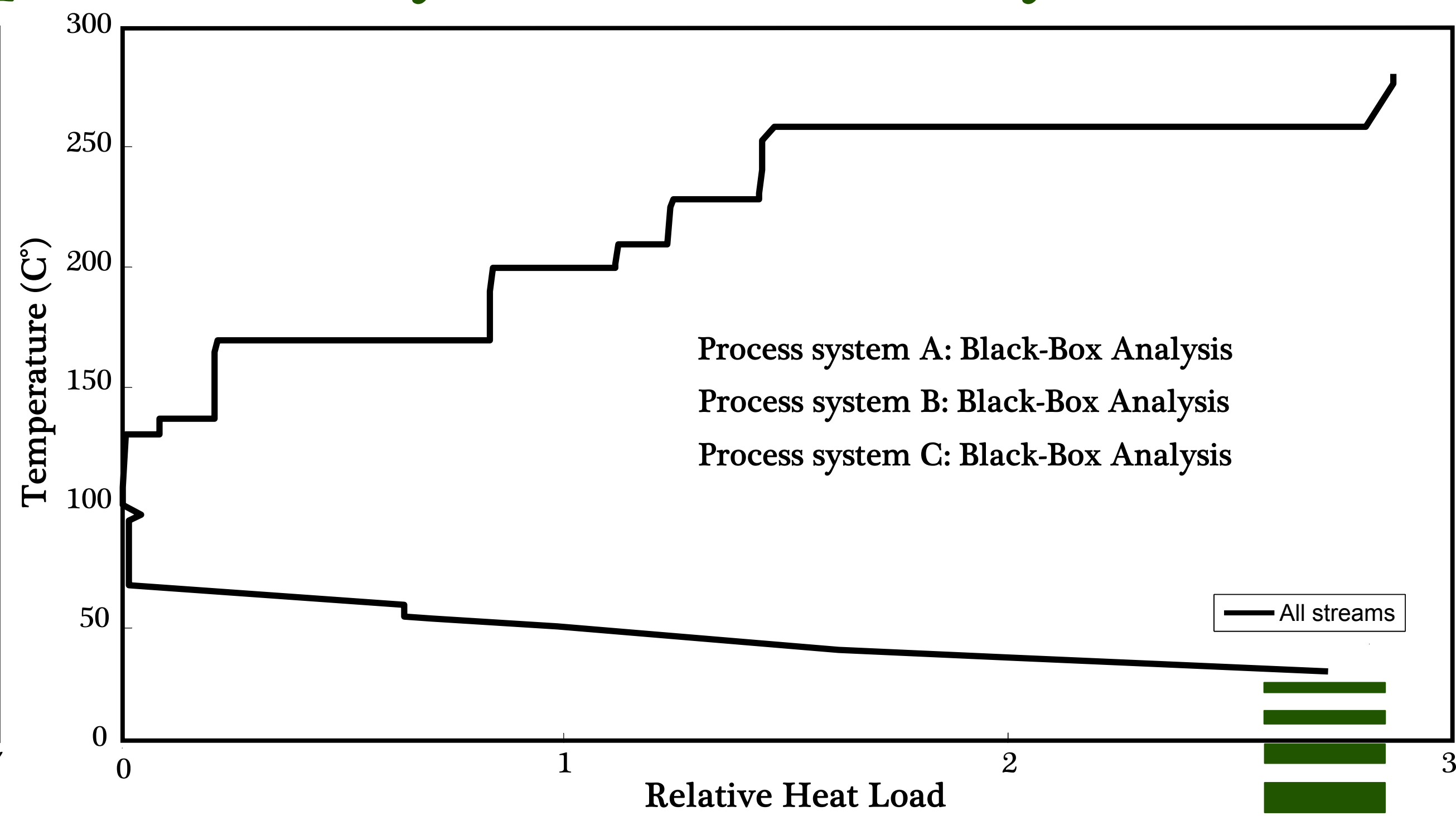


I. All the process systems are represented by Black-Box analysis

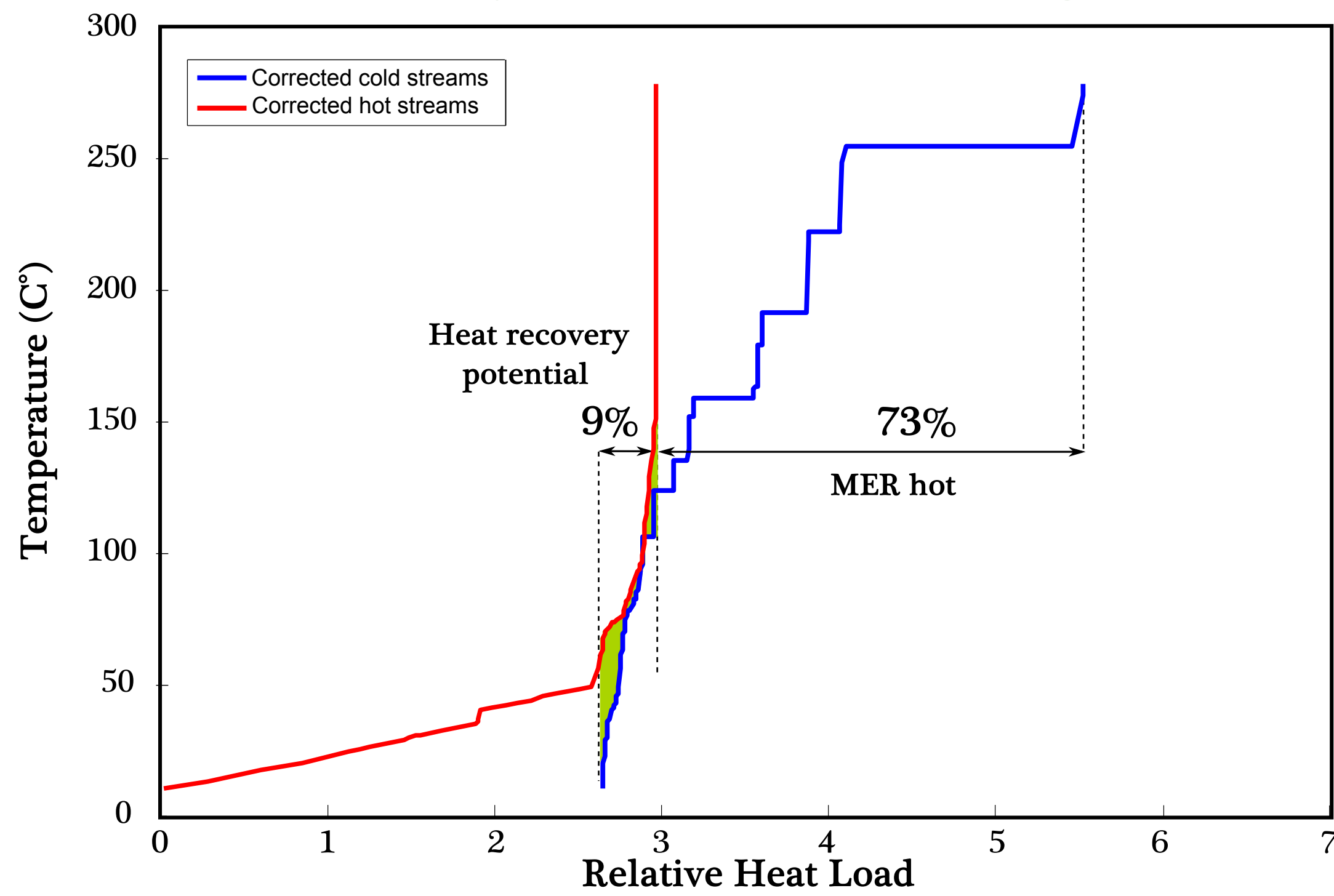


(a)

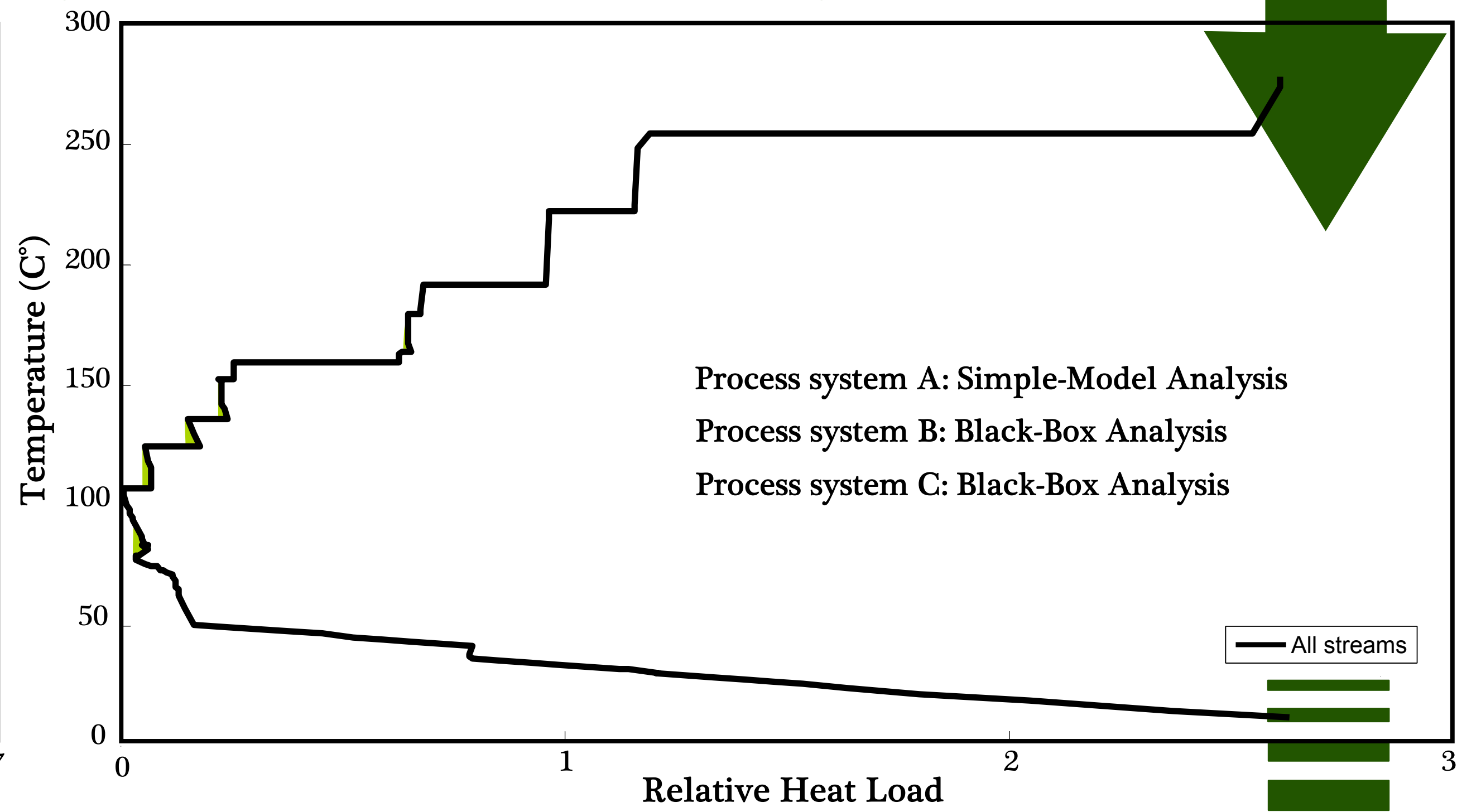


(b)

II. Process system A is upgraded by Simple-Model analysis

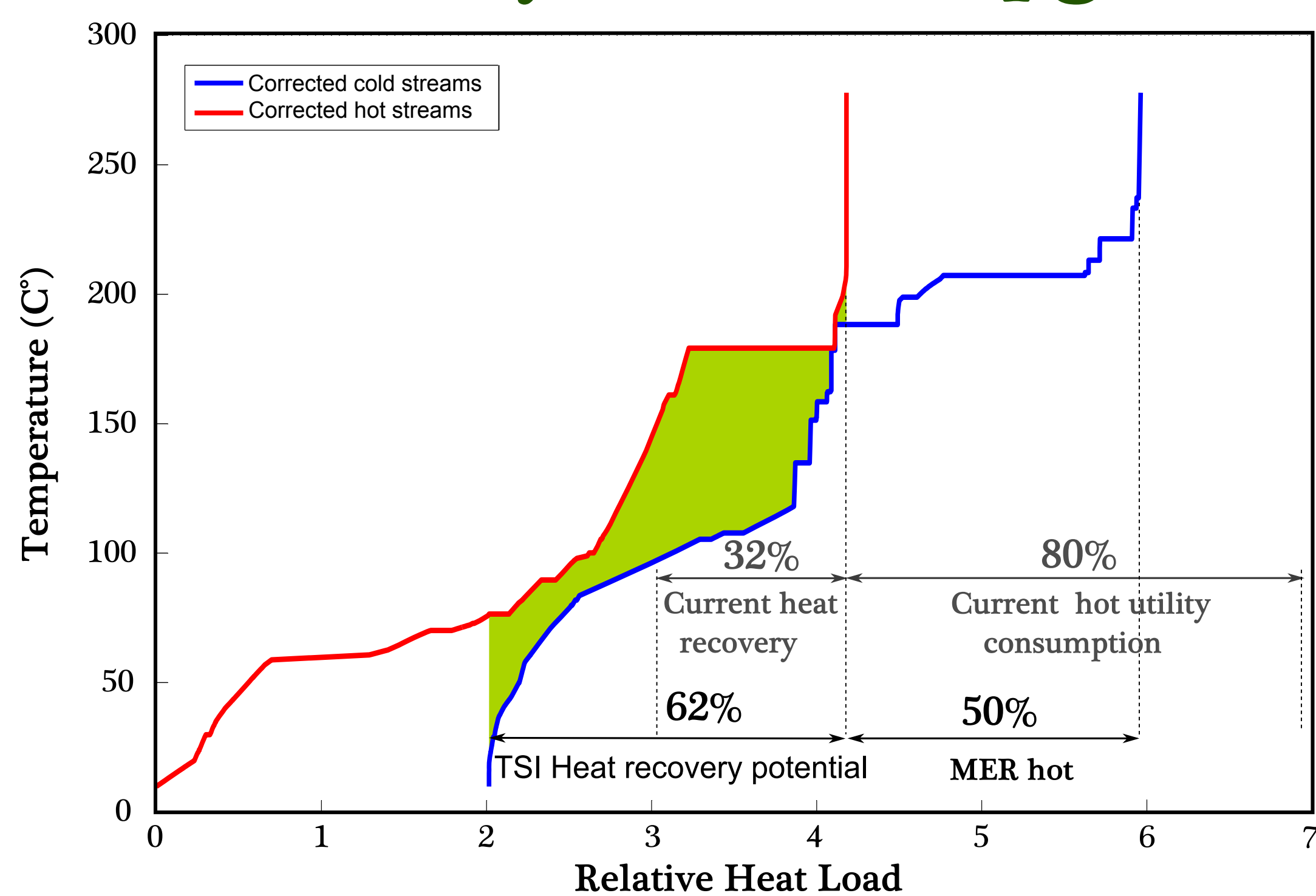


(c)

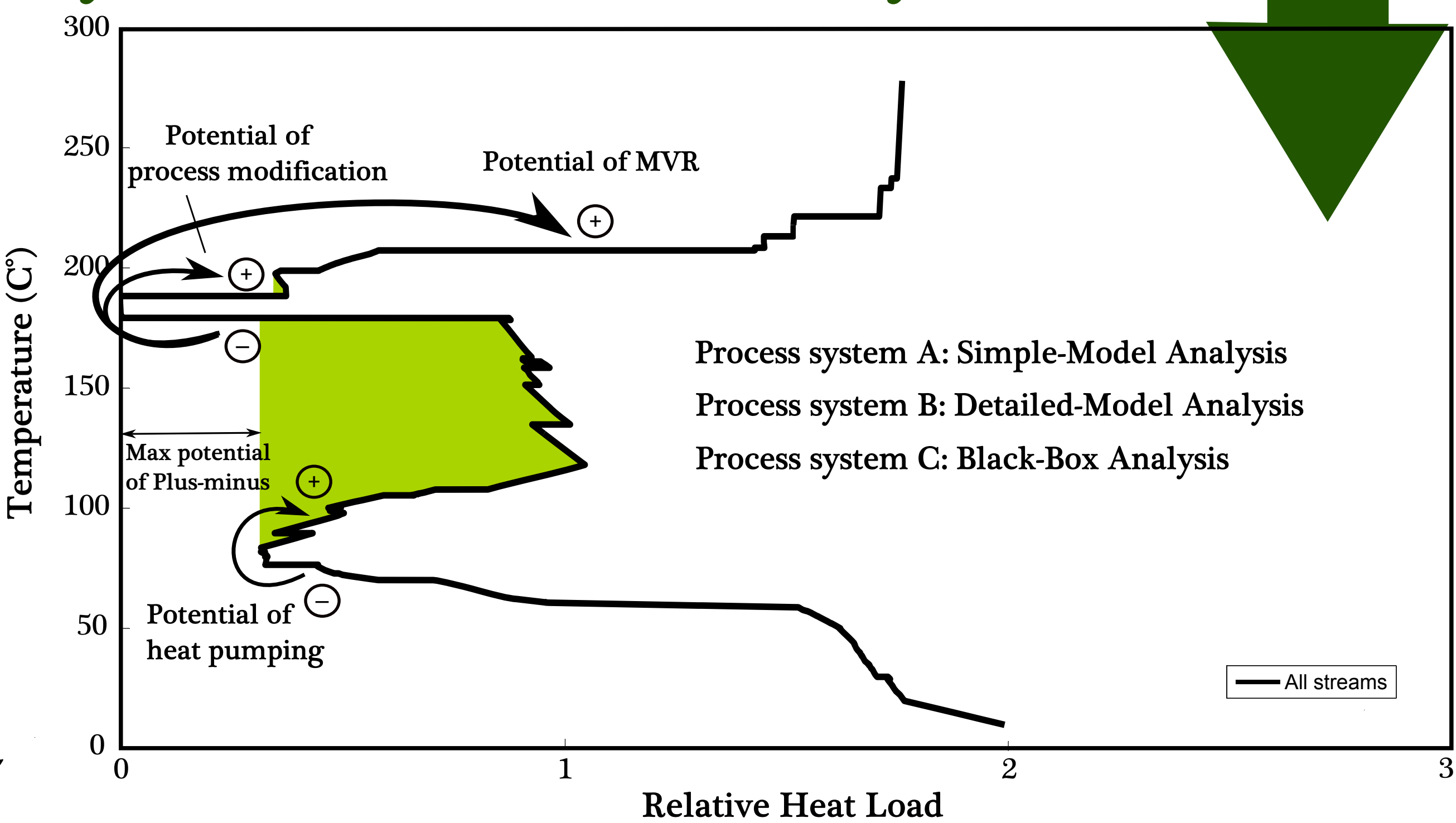


(d)

III. Process system B is upgraded by Detailed-Model analysis



(e)



(f)