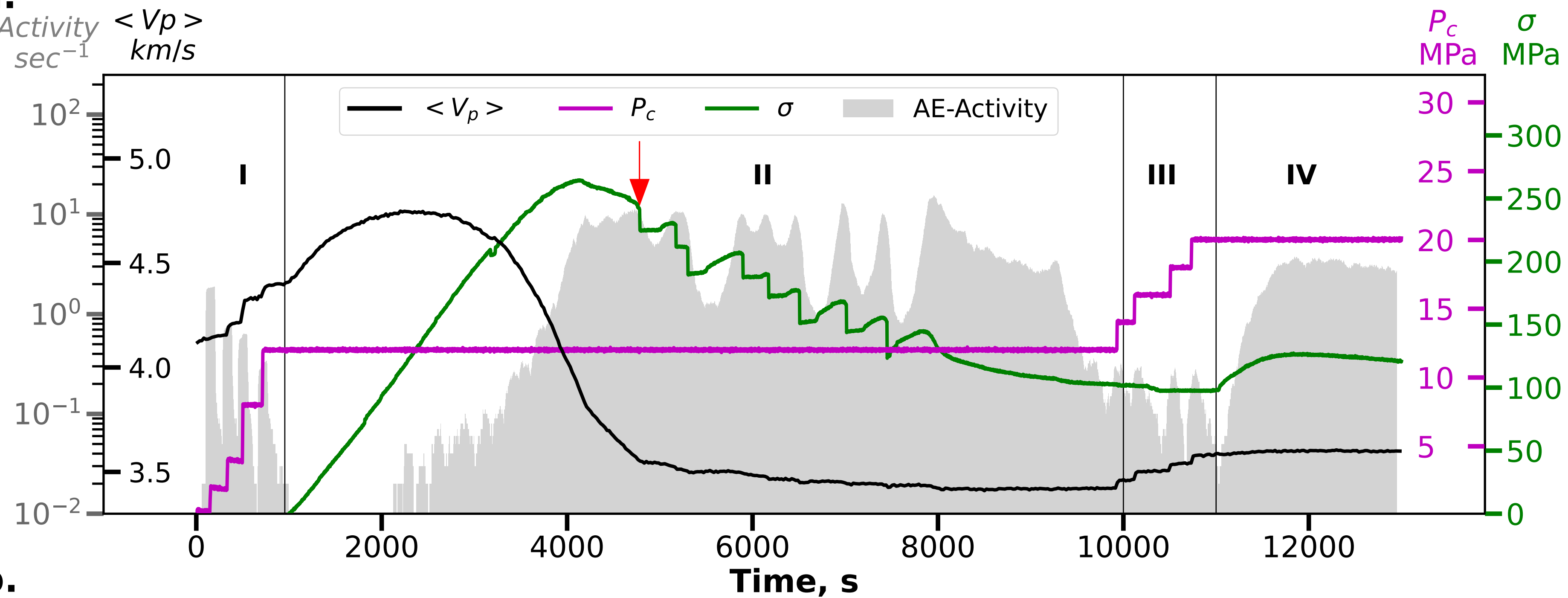


**a.** $\text{Activity}$   
 $\text{sec}^{-1}$  $\langle V_p \rangle$   
 $\text{km/s}$ **b.** $\text{Activity}$   
 $\text{sec}^{-1}$  $\langle V_p \rangle$   
 $\text{km/s}$ 