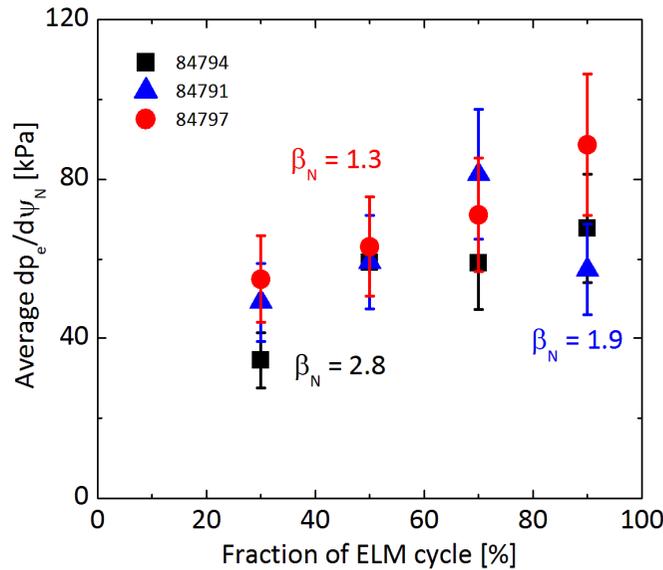


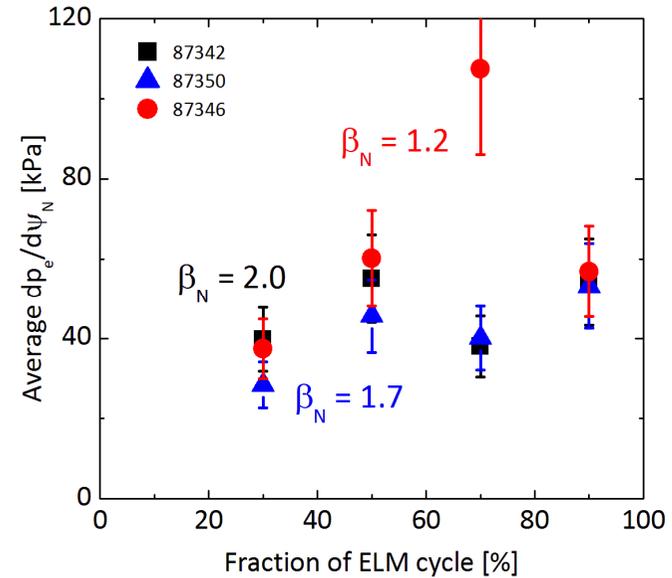


Pedestal pressure evolution during the ELM cycle depends on discharge conditions:

Power scan at low D₂ gas injection



Power scan at high D₂ gas injection



Gradient increases and width constant:

consistent with P-B constraint [1], not consistent with KBM constraint of EPED model assumptions

Gradient constant and width moderately broadening:

qualitatively consistent with KBM constraint

Low β_N :

qualitatively consistent with KBM constraint and consistent with P-B constraint

Higher β_N :

qualitatively consistent with KBM constraint, not consistent with P-B constraint [1]

[1] CF Maggi et al., Nucl. Fusion **55** (2015) 113031.