



Fig. 7 PANDA2 prediction. Same local post-buckling deformation viewed in cross-section form in the previous figure. This type of PANDA2 plot always covers only one full axial wave of the local post-buckling deformation pattern. The PANDA2 local post-buckling analysis [3,22] is based on the assumption that the variation of normal displacement in the axial direction is sinusoidal. Therefore, according to PANDA2, inward and outward local buckles have the same amplitude even for curved panels. For curved panels it is well known that inward buckles have higher amplitudes than outward buckles. This is demonstrated later in the results from STAGS for curved panels.