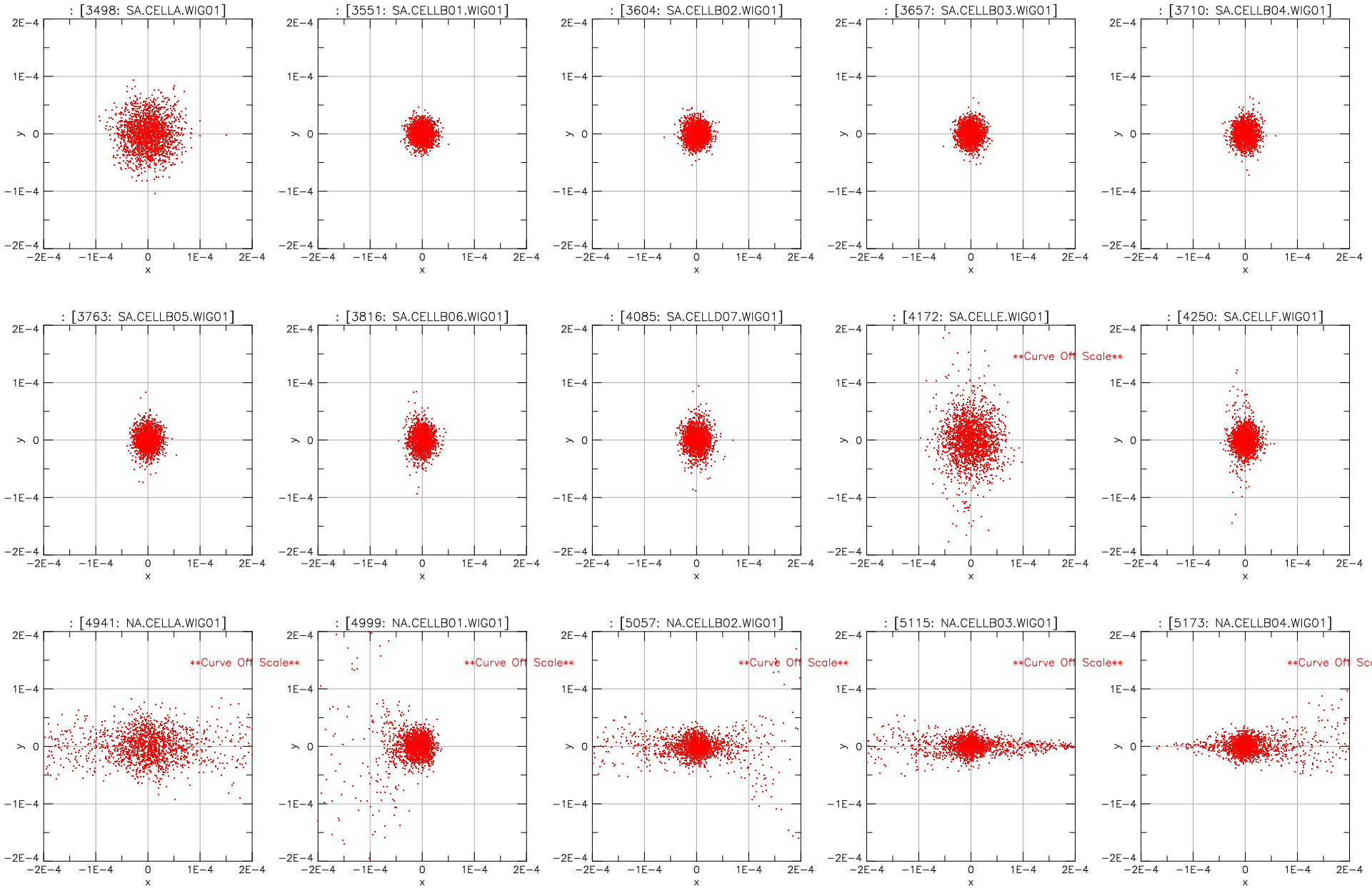cerl.8.0 at Undul