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I will describe recent work, joint with Andrews, Ganchev, Kuyper, Lempp, Miller and A. Soskova. This work was inspired by a question of Emmanuel Jeandel, who had noticed that, when relativizing certain theorems from symbolic dynamics, the sets that are enumeration reducible to their complements play an important role. We call these sets cototal and study their properties in the enumeration degrees. In search for a nice characterization of the class of cototal degrees, we discover a new operator in the structure of the enumeration degrees, the skip operator. The skip operator agrees with the enumeration jump on total degrees, but is not even necessarily monotone on enumeration degrees that contain no total set. We study the general behavior of the skip operator and its relationship to the jump operator. (Received August 08, 2016)