Let $M$ be a compact symplectic manifold with a Hamiltonian $T$ action and moment map $\Phi$. For $H$ a subtorus of $T$, denote by $M^H$ the fixed point set of the $H$ action on $T$. The images of $\Phi(M)$ and $\Phi(M^H)$ for all one-dimensional subtori of $T$ form a polytope carved into chambers. It is not at all trivial to count the number of these chambers. I will present an invariant which distinguishes the chambers in the case of SU($n$) coadjoint orbits. The general story is still unknown. This is joint work with T. Holm.