SELECT ?go ?label COUNT(DISTINCT ?x)
WHERE {

  { 
    # get all the biochemical reactions labelled with protein catabolic process
    FILTER regex(?label, "^protein catabolic process")
    SERVICE <http://biomodels.bio2rdf.org/sparql> {
      ?x a <http://semanticscience.org/resource/biochemical-reaction>
    } # end service
  } UNION {
    # get all the biochemical reactions that are
    # more specific than "protein catabolic process"
    ?go rdfs:subClassOf+ ?tgo . # get all the subclasses of the target term
    FILTER regex(?tlabel, "^protein catabolic process")
    SERVICE <http://biomodels.bio2rdf.org/sparql> {
      ?x a <http://semanticscience.org/resource/biochemical-reaction>
    } # end service
  } # end union
} # end where