Scenario description

- *scenario 0:*
- minimal vertical system (one vert primary @ 6 sigma, one vert abs @ 10 sigma)
- horizontal collimators @ nominal momentum cleaning settings
- *scenario 1:*
- all vertical collimators closed (prim @ 6 sigma, sec @ 7 sigma, abs @ 10 sigma)
- horizontal collimators @ nominal momentum cleaning settings
- *scenario 2:*
- both horizontal and vertical collimators closed (prim @ 6 sigma, sec @ 7 sigma, abs @ 10 sigma)
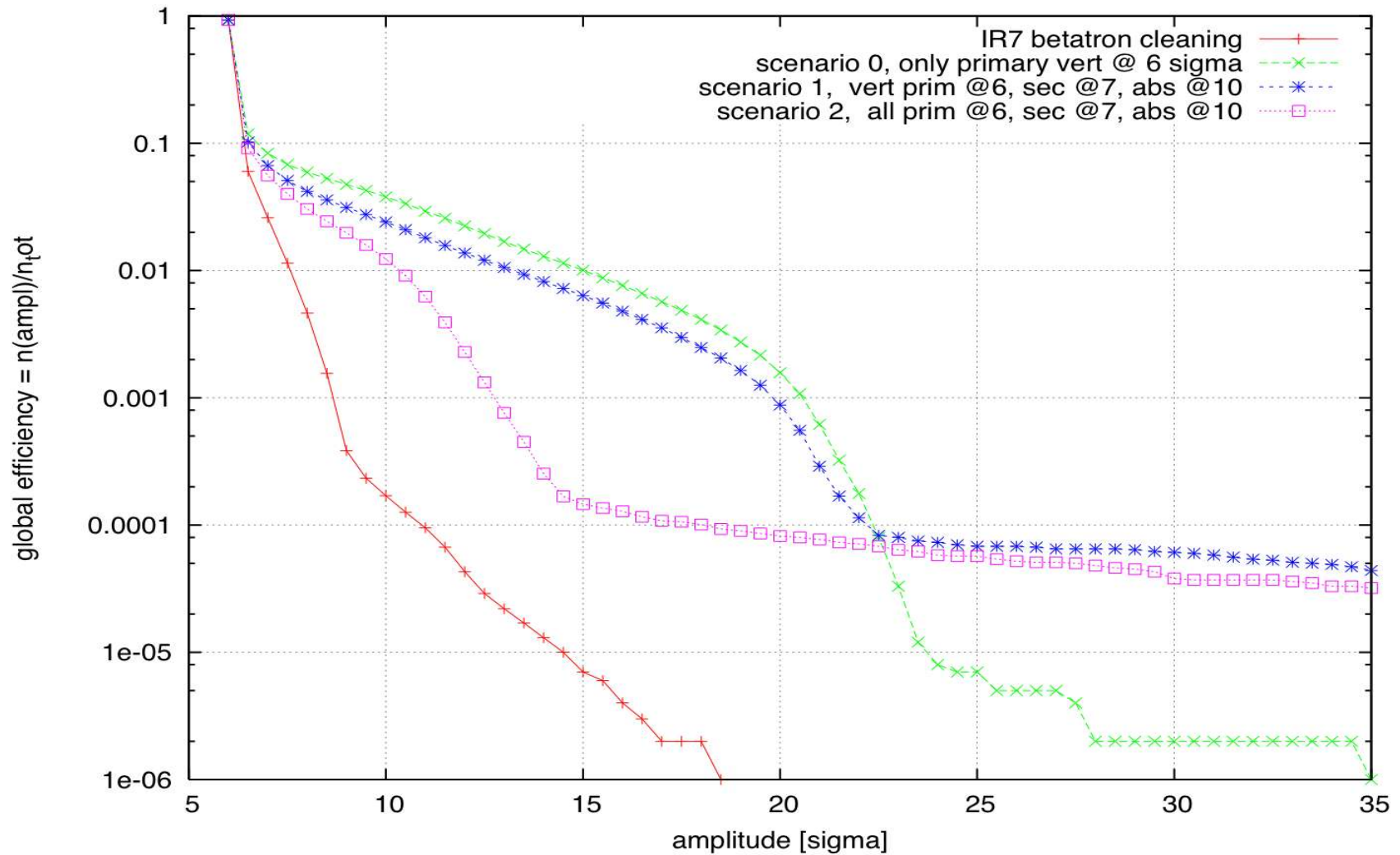
Global inefficiency

definition:

number of particles which **at least once** passed with an
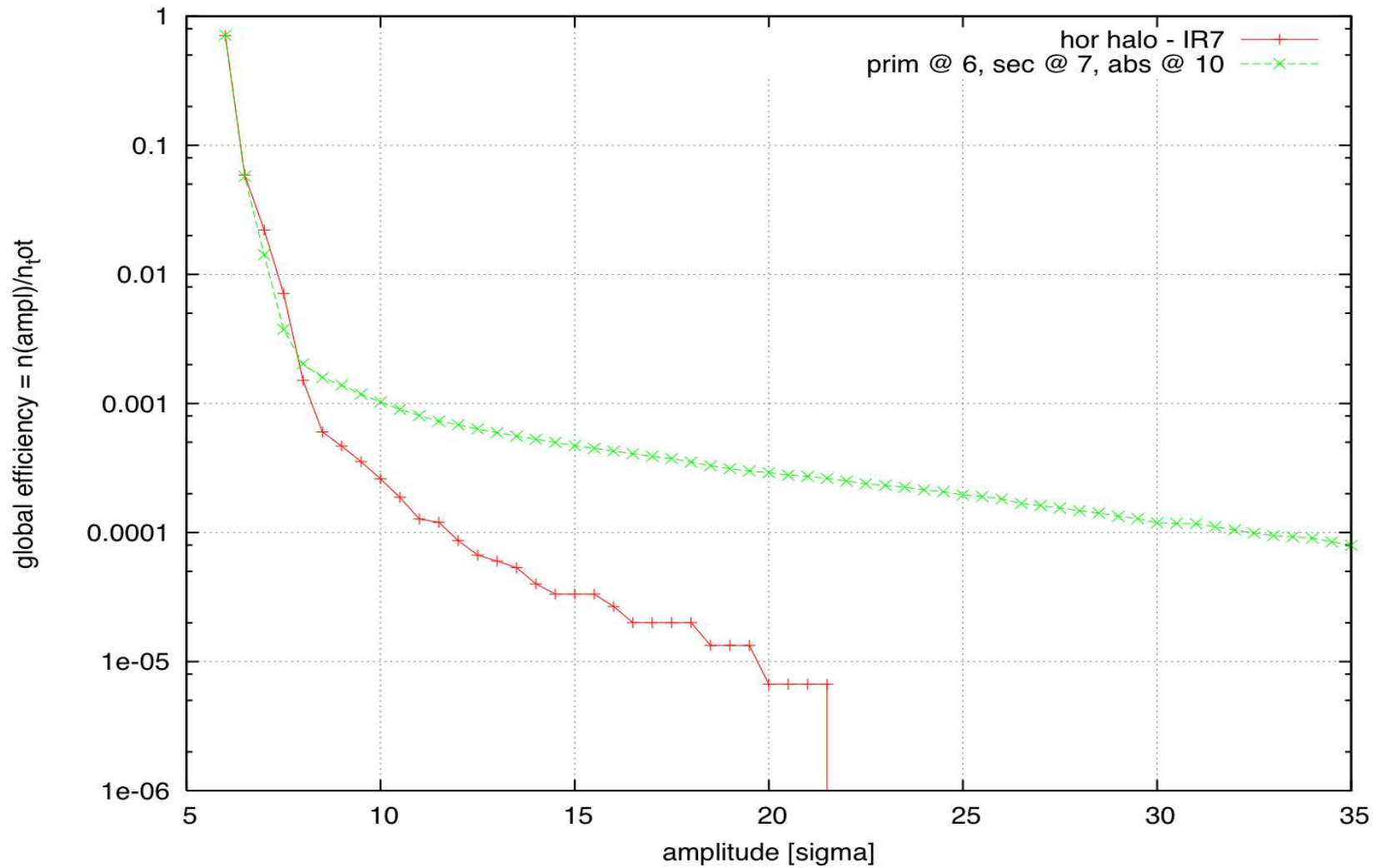amplitude larger than a certain sigma
OVER
the total number of particle **absorbed**

Vertical Halo - inefficiency

Horizontal Halo

Vertical and Horizontal Halo - scenario 2