Asm code for thread i (%rdi), %rcx mova

C code for thread i	
for (i = 0; i < niters; i++) cnt++;	\rightarrow

jle .L2 \$0, %eax movl .L3: cnt(%rip),%rdx movq

testq %rcx, %rcx

.L3

cmpq

ine

.L2:

 L_i : Load cnt \$1, %rdx addq %rdx, cnt(%rip) movq \$1, %rax addq

%rcx, %rax

 T_i : Tail

 H_i : Head

 S_i : Store cnt

U_i: Update cnt