fprintf@plt
_IO_getc@plt
isoc99_fscanf@plt
sqrtf@plt
malloc@plt
sleep@plt - gettimeofday@plt - sleep@plt - gettimeofday@plt - MPI_Allreduce@plt
MPI_Reduce@plt
printf@plt
rand_r@plt
CPU_Exec - L8^999
CPU_Exec - L8^999 - GOMP_critical_start@plt - memcpy@plt - GOMP_critical_end@plt

Start

End

Loop	Body
LO	fprintf@plt
L1	_IO_getc@plt
L2	isoc99_fscanf@plt
L3	sqrtf@plt
L4	malloc@plt
L5	sleep@plt - gettimeofday@plt - sleep@plt - gettimeofday@plt - MPI_Allreduce@plt
L6	MPI_Reduce@plt
L7	printf@plt
L8	rand_r@plt
L9	CPU_Exec - L8^999
L10	sleep@plt - gettimeofday@plt - sleep@plt - gettimeofday@plt - MPI_Allreduce@plt - malloc@plt - MPI_Allreduce@plt - MPI_Bcast@plt
L11	CPU_Exec - L8^999 - GOMP_critical_start@plt - memcpy@plt - GOMP_critical_end@plt

Start 1

4.3(Bug Free) 7.3(Bug Free) Common(Bug Free)

7.3(Buggy)

Common(Buggy)

4.3(Buggy)

CPU_Exec L8^999

GOMP_critical_start@plt memcpy@plt GOMP_critical_end@plt

CPU_Exec L8^999 CPU_Exec L8^999

