A bug was found!

Current stack (TID 5):
0x01000290 in **panic** (p2-basecode/user/libthread/panic.c:35)
0x01000071 in **critical_section** (p2-basecode/410user/progs/paradise_lost.c:42)
0x01000100 in **consumer** (p2-basecode/410user/progs/paradise_lost.c:54)
0x01000340 in **thread_wrapper** (p2-basecode/user/libthread/thread.c:46)

USERSPACE PANIC: 410user/progs/paradise_lost.c:41: failed assertion `num_in_section == 1 && "long is the way, and hard, that out of hell leads up to light"'

Distinct interleavings tested: 51
Estimated state space size: 150.000000
Estimated state space coverage: 34.000000%

TID 4	TID 5	TID 6
0x01000915 in **mutex_unlock** (p2-basecode/user/libthread/mutex.c:96) 0x01000a19 in **sem_signal** (p2-basecode/user/libthread/sem.c:73) 0x010001e0 in **producer** (p2-basecode/410user/progs/paradise_lost.c:71) 0x01000259 in **main** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000288 in **_main** (p2-basecode/410user/crt0.c:18) 0xdeadd00d in <unknown in userspace>		
	0x00105c41 in **[context switch]** (kernel__pathos.o:0) 0x010030d7 in **yield** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000037 in **critical_section** (p2-basecode/410user/progs/paradise_lost.c:39) 0x01000100 in **consumer** (p2-basecode/410user/progs/paradise_lost.c:54) 0x01000340 in **thread_wrapper** (p2-basecode/user/libthread/thread.c:46)	
		0x00105c41 in **[context switch]** (kernel__pathos.o:0) 0x010030e5 in **deschedule** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000e67 in **cond_wait** (p2-basecode/user/libthread/cond.c:79) 0x010009c1 in **sem_wait** (p2-basecode/user/libthread/sem.c:54) 0x010000fb in **consumer** (p2-basecode/410user/progs/paradise_lost.c:54) 0x01000340 in **thread_wrapper** (p2-basecode/user/libthread/thread.c:46)
0x00105c41 in **[context switch]** (kernel__pathos.o:0) 0x0100314c in **vanish** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000259 in **main** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000288 in **_main** (p2-basecode/410user/crt0.c:18) 0xdeadd00d in <unknown in userspace>		
		0x00105c41 in **[context switch]** (kernel__pathos.o:0) 0x010030d7 in **yield** (p2-basecode/410user/progs/paradise_lost.c:87) 0x01000037 in **critical_section** (p2-basecode/410user/progs/paradise_lost.c:39) 0x01000100 in **consumer** (p2-basecode/410user/progs/paradise_lost.c:54) 0x01000340 in **thread_wrapper** (p2-basecode/user/libthread/thread.c:46)
	0x01000290 in **panic** (p2-basecode/user/libthread/panic.c:35) 0x01000071 in **critical_section** (p2-basecode/410user/progs/paradise_lost.c:42) 0x01000100 in **consumer** (p2-basecode/410user/progs/paradise_lost.c:54) 0x01000340 in **thread_wrapper** (p2-basecode/user/libthread/thread.c:46)	