```
PUSH_ENABLED(); Loop:
t = 0;
EVAL_ENABLED(t = parallel_expr);
  enabled = t;
  any = WAIT_GATHER(all_processors, enabled);
  if ((any & flag_vector_mask) == 0) goto Exit;
  EVAL_ENABLED(stat);
  goto Loop; Exit:
  enabled = POP_ENABLED();
```

Listing 8: Unstructured SIMD parallel `while`