

entry:

%a = alloca i32, align 4

%b = alloca i32, align 4

call void @llvm.dbg.declare(metadata i32\* %a, metadata !14, metadata !15),  
... !dbg !16

call void @llvm.dbg.declare(metadata i32\* %b, metadata !17, metadata !15),  
... !dbg !18

%0 = load i32, i32\* %b, align 4, !dbg !19

%cmp = icmp eq i32 %0, 20, !dbg !21

br i1 %cmp, label %if.then, label %if.else, !dbg !22

T

F

if.then:

%1 = load i32, i32\* %a, align 4, !dbg !23

%add = add nsw i32 %1, 1, !dbg !25

br label %if.end, !dbg !26

if.else:

%2 = load i32, i32\* %a, align 4, !dbg !27

%add1 = add nsw i32 %2, 2, !dbg !29

br label %if.end

if.end:

%3 = load i32, i32\* %a, align 4, !dbg !30

%call = call i32 @\_Z9passParamiPi(i32 %3, i32\* %a), !dbg !31

%4 = load i32, i32\* %a, align 4, !dbg !32

ret i32 %4, !dbg !33

CFG for '\_Z10dependencyv' function