```
entry:
 %a = alloca i32, align 4
 %b = alloca i32, align 4
 call void @llvm.dbg.declare(metadata i32* %a, metadata !11, metadata !12),
... !dbg !13
 store i32 10, i32* %a, align 4, !dbg !14
 call void @llvm.dbg.declare(metadata i32* %b, metadata !15, metadata !12),
... !dbg !16
 store i32 20, i32* %b, align 4, !dbg !16
 %0 = load i32, i32* %b, align 4, !dbg !17
 %cmp = icmp eq i32 %0, 20, !dbg !19
 br i1 %cmp, label %if.then, label %if.else, !dbg !20
```

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```
if.then:
 %1 = load i32, i32* %a, align 4, !dbg !21
 %add = add nsw i32 %1, 1, !dbg !23
 store i32 %add, i32* %a, align 4, !dbg !24
 br label %if.end, !dbg !25
```

```
if.else:
 %2 = load i32, i32* %a, align 4, !dbg !26
 %add1 = add nsw i32 %2, 2, !dbg !28
 store i32 %add1, i32* %a, align 4, !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