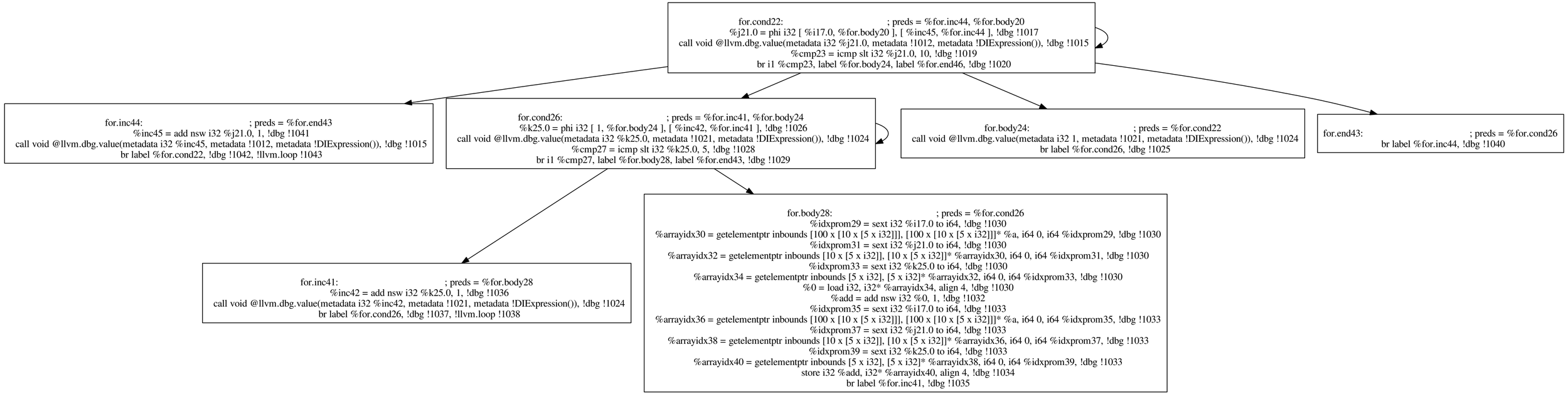
for.cond22: ; preds = %for.inc44, %for.body20
%j21.0 = phi i32 [%i17.0, %for.body20], [%inc45, %for.inc44], !dbg !1017
call void @llvm.dbg.value(metadata i32 %j21.0, metadata !1012, metadata !DIExpression()), !dbg !1015
%cmp23 = icmp slt i32 %j21.0, 10, !dbg !1019
br i1 %cmp23, label %for.body24, label %for.end46, !dbg !1020
for.inc44: ; preds = %for.end43
%inc45 = add nsw i32 %j21.0, 1, !dbg !1041
call void @llvm.dbg.value(metadata i32 %inc45, metadata !1012, metadata !DIExpression()), !dbg !1015
br label %for.cond22, !dbg !1042, !llvm.loop !1043
for.cond26: ; preds = %for.inc41, %for.body24
%k25.0 = phi i32 [1, %for.body24], [%inc42, %for.inc41], !dbg !1026
call void @llvm.dbg.value(metadata i32 %k25.0, metadata !1021, metadata !DIExpression()), !dbg !1024
%cmp27 = icmp slt i32 %k25.0, 5, !dbg !1028
br i1 %cmp27, label %for.body28, label %for.end43, !dbg !1029
for.body24: ; preds = %for.cond22
call void @llvm.dbg.value(metadata i32 1, metadata !1021, metadata !DIExpression()), !dbg !1024
br label %for.cond26, !dbg !1025
for.end43: ; preds = %for.cond26
br label %for.inc44, !dbg !1040
for.inc41: ; preds = %for.body28
%inc42 = add nsw i32 %k25.0, 1, !dbg !1036
call void @llvm.dbg.value(metadata i32 %inc42, metadata !1021, metadata !DIExpression()), !dbg !1024
br label %for.cond26, !dbg !1037, !llvm.loop !1038
for.body28: ; preds = %for.cond26
%idxprom29 = sext i32 %i17.0 to i64, !dbg !1030
%arrayidx30 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom29, !dbg !1030
%idxprom31 = sext i32 %j21.0 to i64, !dbg !1030
%arrayidx32 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1030
%idxprom33 = sext i32 %k25.0 to i64, !dbg !1030
%arrayidx34 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx32, i64 0, i64 %idxprom33, !dbg !1030
%0 = load i32, i32* %arrayidx34, align 4, !dbg !1030
%add = add nsw i32 %0, 1, !dbg !1032
%idxprom35 = sext i32 %i17.0 to i64, !dbg !1033
%arrayidx36 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom35, !dbg !1033
%idxprom37 = sext i32 %j21.0 to i64, !dbg !1033
%arrayidx38 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx36, i64 0, i64 %idxprom37, !dbg !1033
%idxprom39 = sext i32 %k25.0 to i64, !dbg !1033
%arrayidx40 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx38, i64 0, i64 %idxprom39, !dbg !1033
store i32 %add, i32* %arrayidx40, align 4, !dbg !1034
br label %for.inc41, !dbg !1035