[11/12] for.cond18: for.inc36: ; preds = % for .end35 for.body17: ; preds = % for.cond15 %inc37 = add nsw i32 %j14.0, 1, !dbg !1028 call void @llvm.dbg.value(metadata i32 1, metadata !1007, metadata !DIExpression()), !dbg !1010 call void @llvm.dbg.value(metadata i32 %inc37, metadata !998, metadata !DIExpression()), !dbg !1001 br label %for.cond18, !dbg !1011 br label %for.cond15, !dbg !1029, !llvm.loop !1030 for.body20: ; preds = % for.cond18 %idxprom21 = sext i32 %i10.0 to i64, !dbg !1016 %arrayidx22 = getelementptr inbounds $[100 \times [10 \times [5 \times i32]]]$, $[100 \times [10 \times [5 \times i32]]]$ * %a, i64 0, i64 %idxprom21, !dbg !1016 %idxprom23 = sext i32 %j14.0 to i64, !dbg !1016 %arrayidx24 = getelementptr inbounds [$10 \times [5 \times i32]$], [$10 \times [5 \times i32]$]* %arrayidx22, i64 0, i64 %idxprom23, !dbg !1016 %sub = sub nsw i32 %k.0, 1, !dbg !1018 %idxprom25 = sext i32 %sub to i64, !dbg !1016 %arrayidx26 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx24, i64 0, i64 %idxprom25, !dbg !1016 %0 = load i32, i32* %arrayidx26, align 4, !dbg !1016 %add = add nsw i32 %0, 1, !dbg !1019 %idxprom27 = sext i32 %i10.0 to i64, !dbg !1020 %arrayidx28 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom27, !dbg !1020 %idxprom29 = sext i32 %j14.0 to i64, !dbg !1020 %arrayidx30 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx28, i64 0, i64 %idxprom29, !dbg !1020 %idxprom31 = sext i32 %k.0 to i64, !dbg !1020 %arrayidx32 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1020 store i32 %add, i32* %arrayidx32, align 4, !dbg !1021 br label %for.inc33, !dbg !1022

for.cond15:

; preds = %for.inc36, %for.body13

for.cond18: ; preds = %for.inc33, %for.body17
 %k.0 = phi i32 [1, %for.body17], [%inc34, %for.inc33], !dbg !1012
 call void @llvm.dbg.value(metadata i32 %k.0, metadata !1007, metadata !DIExpression()), !dbg !1010
 %cmp19 = icmp slt i32 %k.0, 5, !dbg !1014
 br i1 %cmp19, label %for.body20, label %for.end35, !dbg !1015

reds = %for.cond18
 i64, !dbg !1016
 x [5 x i32]]]* %a, i64 0, i64 %idxprom21, !dbg !1016
 i64, !dbg !1016

for.inc33:

; preds = % for.body20

%inc34 = add nsw i32 %k.0, 1, !dbg !1023

call void @llvm.dbg.value(metadata i32 %inc34, metadata !1007, metadata !DIExpression()), !dbg !1010

br label %for.cond18, !dbg !1024, !llvm.loop !1025