for.cond: ; preds = %for.inc27, %entry %iz.0 = phi i32 [0, %entry], [%inc28, %for.inc27], !dbg !1308 for.end29: call void @llvm.dbg.value(metadata i32 %iz.0, metadata !1304, metadata !DIExpression()), !dbg !1305 %cmp = icmp slt i32 %iz.0, 100, !dbg !1310 br i1 %cmp, label %for.body, label %for.end29, !dbg !1311 for.cond1: ; preds = %for.inc, %for.body for.inc27: ; preds = %for.end [4/5]%ix.0 = phi i32 [0, %for.body], [%inc, %for.inc], !dbg !1317 ; preds = % for.cond1%inc28 = add nsw i32 %iz.0, 1, !dbg !1336 call void @llvm.dbg.value(metadata i32 %ix.0, metadata !1312, metadata !DIExpression()), !dbg !1313 br label %for.inc27, !dbg !1335 call void @llvm.dbg.value(metadata i32 %inc28, metadata !1304, metadata !DIExpression()), !dbg !1305 %cmp2 = icmp slt i32 %ix.0, 100, !dbg !1319 br label %for.cond, !dbg !1337, !llvm.loop !1338 br i1 %cmp2, label %for.body3, label %for.end, !dbg !1320 [10/11] for.body3: ; preds = %for.cond1 %idxprom = sext i32 %iz.0 to i64, !dbg !1321 %arrayidx = getelementptr inbounds [100 x [100 x [100 x double]]], [100 x [100 x [100 x double]]]* %x1, i64 0, i64 %idxprom, !dbg !1321 %arrayidx4 = getelementptr inbounds [100 x [100 x double]], [100 x [100 x double]]* %arrayidx, i64 0, i64 0, i64 100 x [100 x double] %idxprom5 = sext i32 %ix.0 to i64, !dbg !1321 %arrayidx6 = getelementptr inbounds [100 x double], [100 x double]* %arrayidx4, i64 0, i64 %idxprom5, !dbg !1321 %0 = load double, double* %arrayidx6, align 8, !dbg !1321 %idxprom7 = sext i32 %iz.0 to i64, !dbg !1323 %arrayidx8 = getelementptr inbounds [100 x [100 x [100 x double]]], [100 x [100 x [100 x double]]]* %y, i64 0, i64 %idxprom7, !dbg !1323 %arrayidx9 = getelementptr inbounds [100 x [100 x double]], [100 x [100 x double]]* %arrayidx8, i64 0, i64 0, !dbg !1323 %idxprom10 = sext i32 %ix.0 to i64, !dbg !1323 %arrayidx11 = getelementptr inbounds [100 x double], [100 x double]* %arrayidx9, i64 0, i64 %idxprom10, !dbg !1323 store double %0, double* %arrayidx11, align 8, !dbg !1324 %idxprom12 = sext i32 %iz.0 to i64, !dbg !1325 [12/13] ; preds = % for.body3%arrayidx13 = getelementptr inbounds [100 x [100 x [100 x double]]], [100 x [100 x [100 x double]]]* %y, i64 0, i64 %idxprom12, !dbg !1325 for.inc: %arrayidx14 = getelementptr inbounds [100 x [100 x double]], [100 x [100 x double]]* %arrayidx13, i64 0, i64 1, !dbg !1325 %inc = add nsw i32 %ix.0, 1, !dbg !1331 call void @llvm.dbg.value(metadata i32 %inc, metadata !1312, metadata !DIExpression()), !dbg !1313 %idxprom15 = sext i32 %ix.0 to i64, !dbg !1325 %arrayidx16 = getelementptr inbounds [100 x double], [100 x double]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !1325 br label %for.cond1, !dbg !1332, !llvm.loop !1333 store double 0.000000e+00, double* %arrayidx16, align 8, !dbg !1326 %idxprom17 = sext i32 %iz.0 to i64, !dbg !1327 %arrayidx18 = getelementptr inbounds [100 x [100 x [100 x double]]], [100 x [100 x [100 x double]]]* %x1, i64 0, i64 %idxprom17, !dbg !1327 %arrayidx19 = getelementptr inbounds [100 x [100 x double]], [100 x [100 x double]]* %arrayidx18, i64 0, i64 99, !dbg !1327 %idxprom20 = sext i32 %ix.0 to i64, !dbg !1327 %arrayidx21 = getelementptr inbounds [100 x double], [100 x double]* %arrayidx19, i64 0, i64 %idxprom20, !dbg !1327 %1 = load double, double* %arrayidx21, align 8, !dbg !1327 %idxprom22 = sext i32 %iz.0 to i64, !dbg !1328 %arrayidx23 = getelementptr inbounds [100 x [100 x [100 x double]]], [100 x [100 x [100 x double]]]* %y, i64 0, i64 %idxprom22, !dbg !1328 %arrayidx24 = getelementptr inbounds [100 x [100 x double]], [100 x [100 x double]]* %arrayidx23, i64 0, i64 2, !dbg !1328 %idxprom25 = sext i32 %ix.0 to i64, !dbg !1328 %arrayidx26 = getelementptr inbounds [100 x double], [100 x double]* %arrayidx24, i64 0, i64 %idxprom25, !dbg !1328 store double %1, double* %arrayidx26, align 8, !dbg !1329 br label %for.inc, !dbg !1330

%x1 = alloca [100 x [100 x [100 x double]]], align 16%y = alloca [100 x [100 x [100 x double]]], align 16

call void @llvm.dbg.declare(metadata [100 x [100 x [100 x double]]]* %x1, metadata !1293, metadata !DIExpression()), !dbg !1297 call void @llvm.dbg.declare(metadata !21, metadata !1298, metadata !DIExpression()), !dbg !1299

call void @llvm.dbg.declare(metadata [100 x [100 x [100 x double]]]* %y, metadata !1300, metadata !DIExpression()), !dbg !1301 call void @llvm.dbg.declare(metadata !21, metadata !1302, metadata !DIExpression()), !dbg !1303 call void @llvm.dbg.value(metadata i32 0, metadata !1304, metadata !DIExpression()), !dbg !1305

br label %for.cond, !dbg !1306

[0/1]

ret i32 0, !dbg !1340

; preds = %for.cond

for.body: ; preds = % for.cond

call void @llvm.dbg.value(metadata i32 0, metadata !1312, metadata !DIExpression()), !dbg !1313 br label %for.cond1, !dbg !1314