```
entry:
%mem = getelementptr inbounds %struct.jpeg compress struct,
... %struct.jpeg compress struct* %cinfo, i64 0, i32 1
%0 = load %struct.jpeg_memory_mgr*, %struct.jpeg_memory_mgr** %mem, align 8,
...!tbaa!3
%alloc_small = getelementptr inbounds %struct.jpeg_memory_mgr,
... %struct.jpeg memory mgr* %0, i64 0, i32 0
%1 = load i8* (%struct.jpeg_common_struct*, i32, i64)*, i8*
... (%struct.jpeg_common_struct*, i32, i64)** %alloc_small, align 8, !tbaa !11
%2 = bitcast %struct.jpeg compress struct* %cinfo to
... %struct.jpeg_common_struct*
%call = tail call i8* %1(%struct.jpeg common struct* %2, i32 1, i64 80) #3
%start input = bitcast i8* %call to void (%struct.jpeg compress struct*,
... %struct.cjpeg_source_struct*)**
store void (%struct.jpeg compress struct*, %struct.cjpeg source struct*)*
... @start_input_ppm, void (%struct.jpeg_compress_struct*,
... %struct.cjpeg_source_struct*)** %start_input, align 8, !tbaa !14
%finish_input = getelementptr inbounds i8, i8* %call, i64 16
%3 = bitcast i8* %finish_input to void (%struct.jpeg_compress_struct*,
... %struct.cjpeg_source_struct*)**
store void (%struct.jpeg_compress_struct*, %struct.cjpeg_source_struct*)*
... @finish_input_ppm, void (%struct.jpeg_compress_struct*,
... %struct.cjpeg_source_struct*)** %3, align 8, !tbaa !17
%4 = bitcast i8* %call to %struct.cjpeg_source_struct*
ret %struct.cjpeg source struct* %4
```