1. Carroll & Ostlie: problem 11.8

2. Carroll & Ostlie: problem 12.2

3. Carroll & Ostlie: problem 12.7

4. Carroll & Ostlie: problem 12.8

5. Can you see photons from the interior of a star? Why or why not? From what level in a star do you see photons? Express your answer in terms of the photon mean free path?