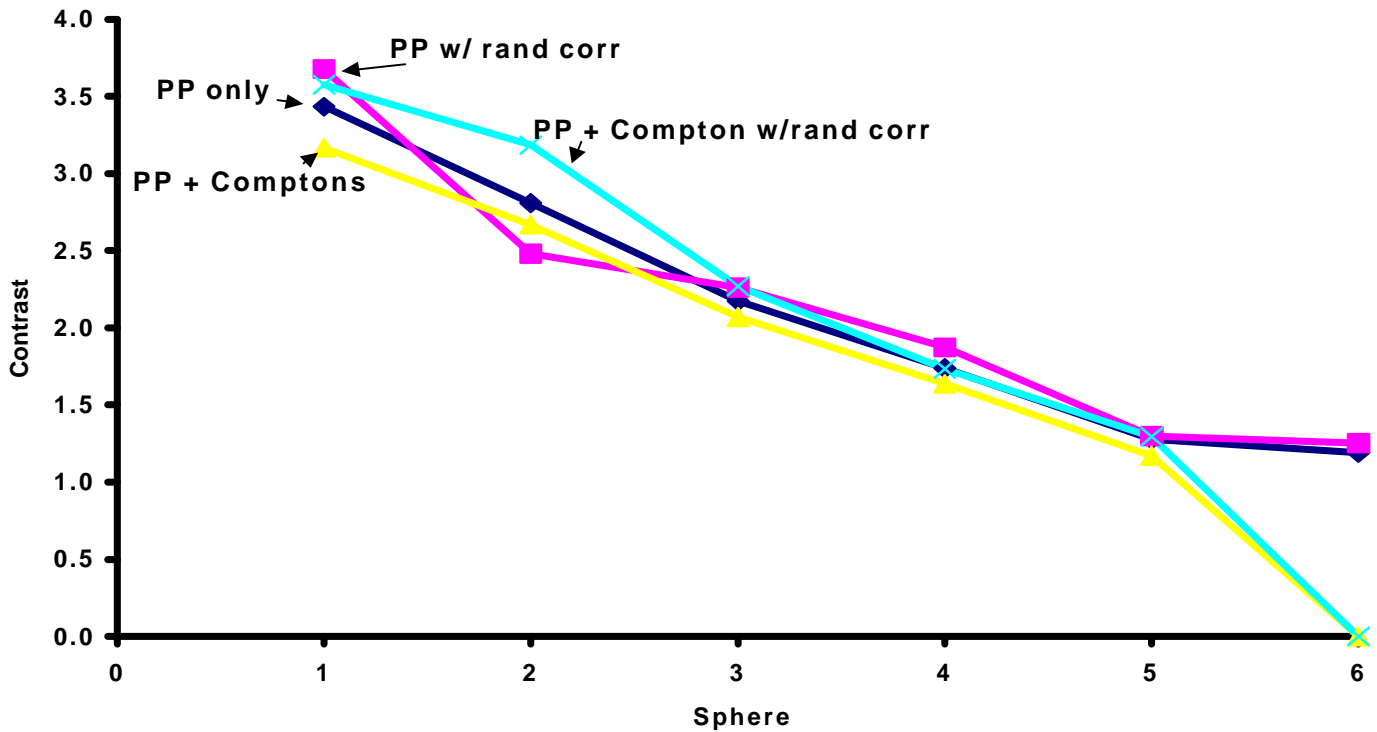
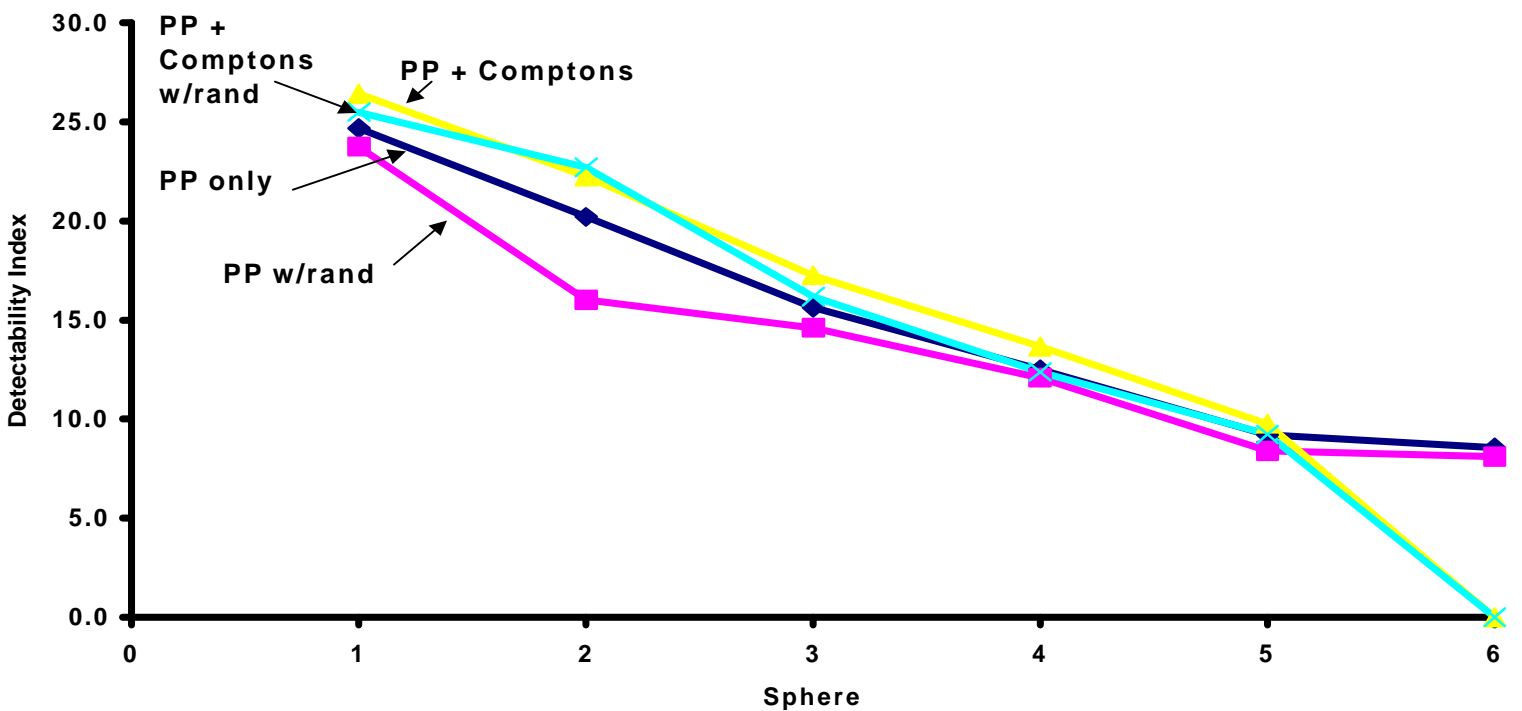


**ECAM+**  
**Contrast vs. Sphere**  
**Effect of randoms correction and Compton events**



**ECAM+**  
**Detectability Index vs. Sphere**  
**Effect of randoms correction and Compton events**



**Graph 2.** The top graph shows the sphere contrast and the lower graph shows the DI. Note that the delayed-window randoms correction has no significant effect on contrast but decreases detectability slightly. Compton events have almost no effect on contrast but increase detectability slightly for most spheres. However the smallest sphere is seen only with photopeak events.