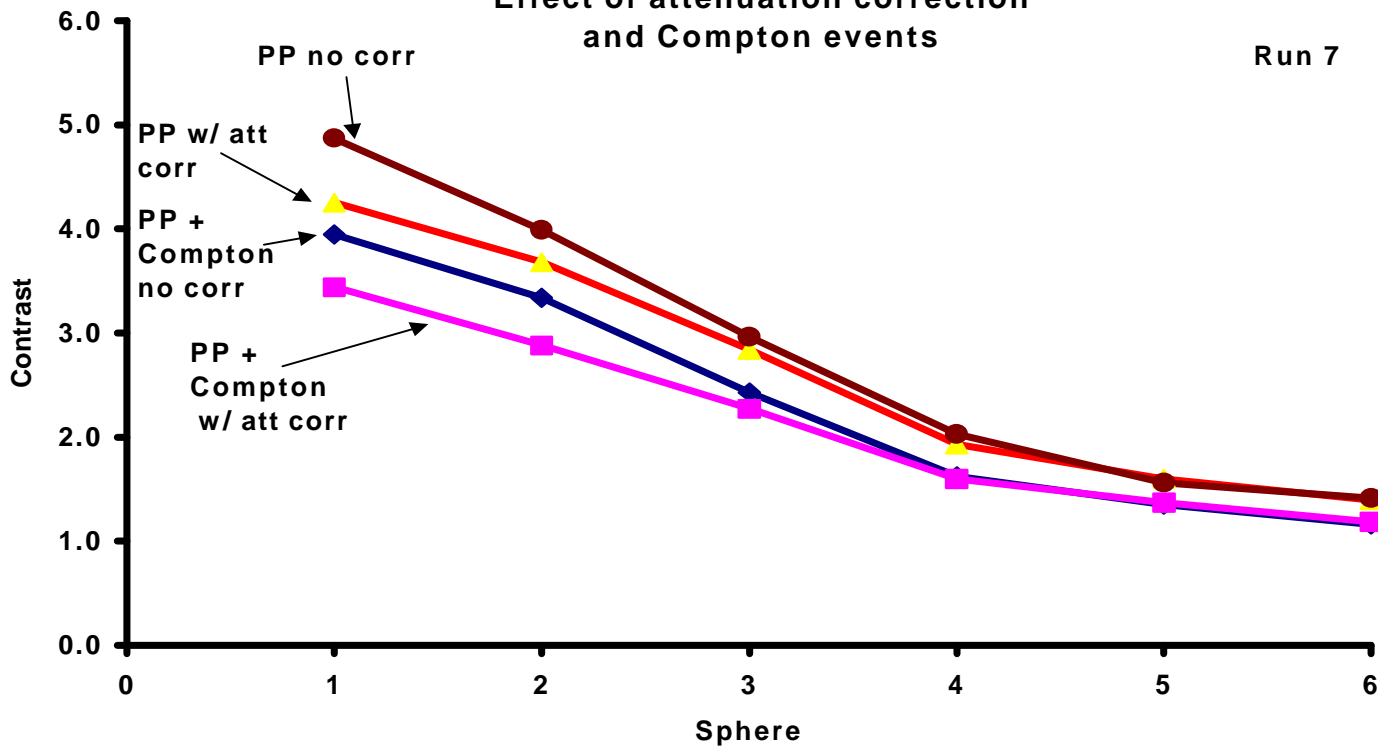


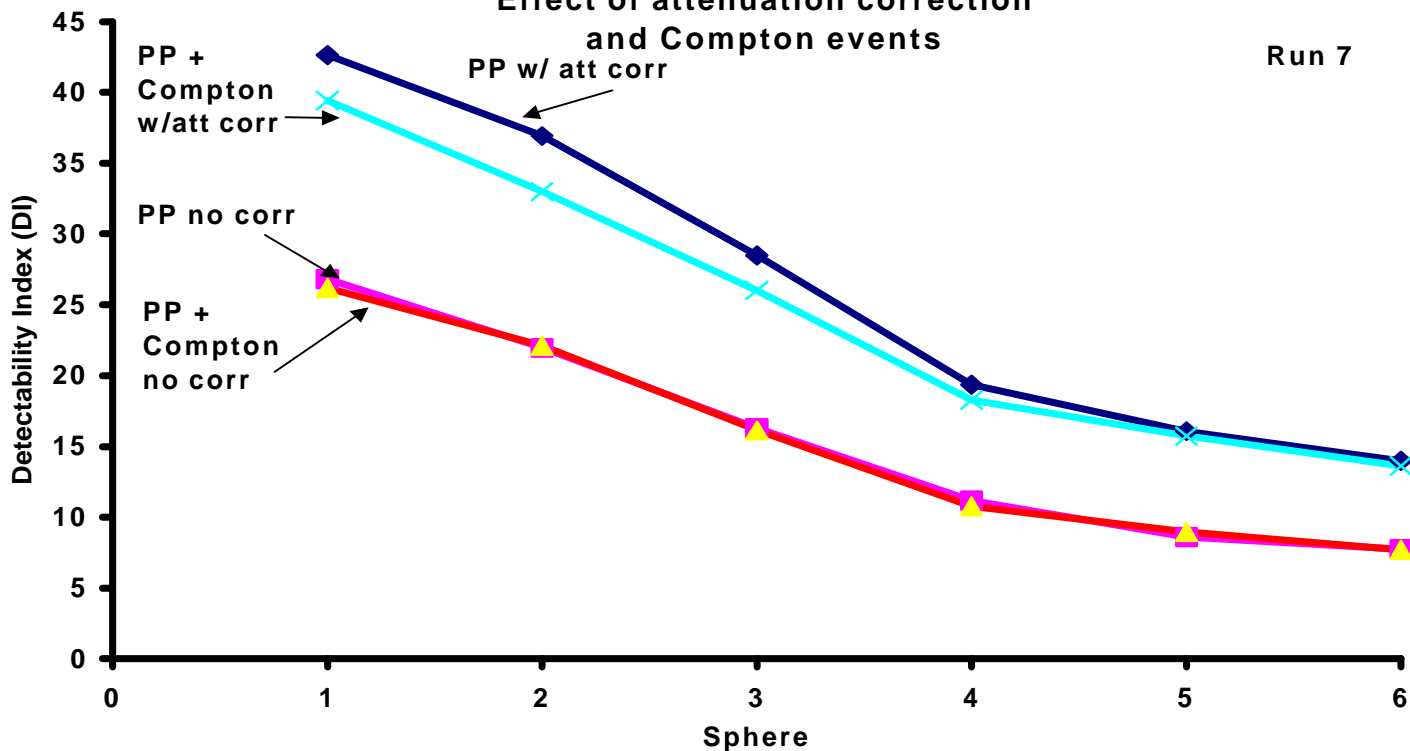
PICKER PCD
Contrast vs. Sphere
Effect of attenuation correction
and Compton events

Run 7



PICKER PCD
Detectability Index vs. Sphere
Effect of attenuation correction
and Compton events

Run 7



Graph 1. The top graph shows the sphere contrast and the lower graph shows the DI. Note the effect of attenuation correction is to lower contrast and raise DI. Note also that the effect of including Compton events is to lower contrast but it has little effect on DI. Both behaviors have been found to be generally true for all cameras tested.