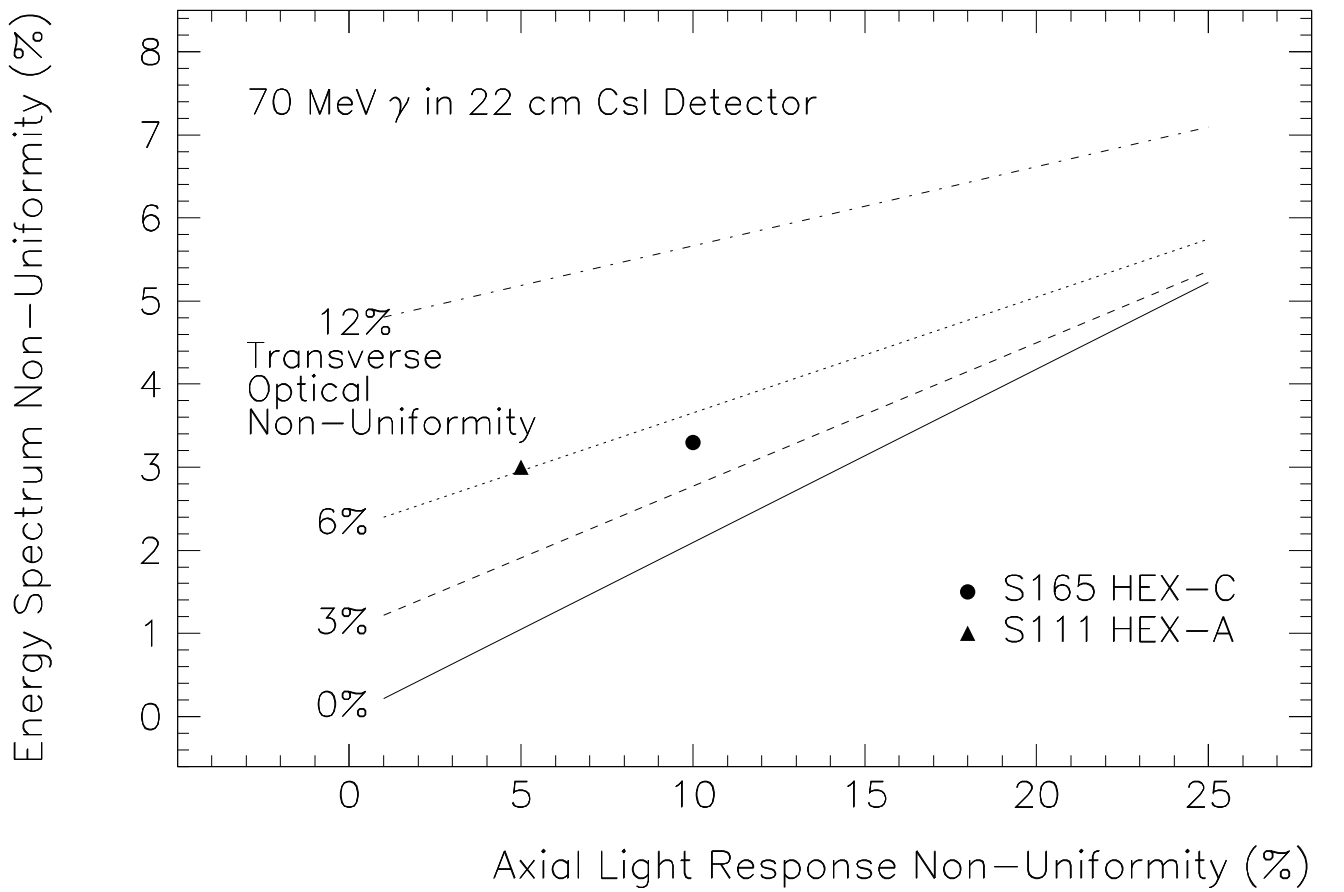
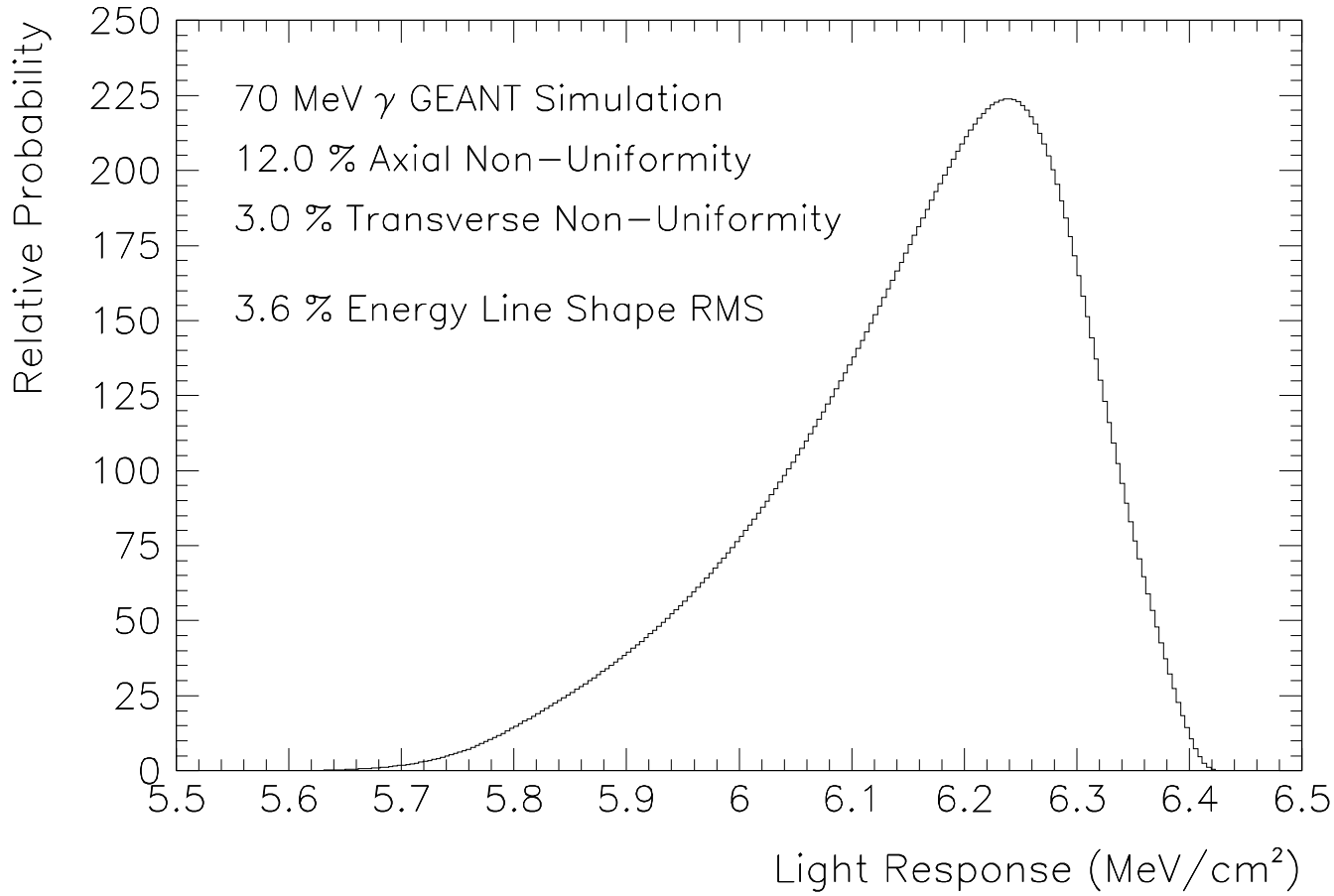

70 MeV γ in 22 cm CsI Detector
12%
Transverse
Optical
Non−Uniformity
6%
3%
0%
S165 HEX−C
S111 HEX−A
Energy Spectrum Non−Uniformity (%)
Axial Light Response Non−Uniformity (%)
0
1
2
3
4
5
6
7
8
0
5
10
15
20
25


70 MeV γ GEANT Simulation
12.0 % Axial Non−Uniformity
3.0 % Transverse Non−Uniformity
3.6 % Energy Line Shape RMS
Relative Probability
Light Response (MeV/cm²)
0
25
50
75
100
125
150
175
200
225
250
5.5
5.6
5.7
5.8
5.9
6
6.1
6.2
6.3
6.4
6.5