0νββM2 = majoron 17.5kg.y

target radon = 150 uBq/m3

ROI 1D	2500-3000 keV
efficiency	0.019
total bkg	31.2 Cts/17.5kg.y
sensitvity	1.56E+23 yr

Radon = 2 mBq/m3

ROI 1D	2500-3000 keV
efficiency	0.019
total bkg	37.7 Cts/17.5kg.y
sensitvity	1.43E+23 yr

Radon = 0.6 mBq/m3

ROI 1D	2500-3000 keV
efficiency	0.163
total bkg	32.7 Cts/17.5kg.y
sensitvity	1.52E+23 yr

Radon = 0.2 mBq/m3

ROI 1D	2500-3000 keV
efficiency	0.163
total bkg	31.2 Cts/17.5kg.y
sensitvity	1.56E+23 yr

Background composition

source	counts in ROI	% budget
bb2nu	29.73 ± 0.54	95.2
Bi214	0.33 ± 0.0	1.06
Tl208	0.04 ± 0.0	0.13
Radon	0.72 ± 0.04	2.31
External gamma	0.01 ± 0.01	0.03
Fast neutrons	0.4 ± 0.13	1.28
Total	31.23 ± 0.56	100

Background composition

source	counts in ROI	% budget
bb2nu	29.73 ± 0.54	78.84
Bi214	0.33 ± 0.0	0.88
Tl208	0.04 ± 0.0	0.11
Radon	7.2 ± 0.44	19.09
External gamma	0.01 ± 0.01	0.03
Fast neutrons	0.4 ± 0.13	1.06
Total	37.71 ± 0.71	100

Background composition

source	counts in ROI	% budget
bb2nu	29.73 ± 0.54	91
Bi214	0.33 ± 0.0	1.01
Tl208	0.04 ± 0.0	0.12
Radon	2.16 ± 0.13	6.61
External gamma	0.01 ± 0.01	0.03
Fast neutrons	0.4 ± 0.13	1.22
Total	32.67 ± 0.57	100

Background composition

source	counts in ROI	% budget
bb2nu	29.73 ± 0.54	95.2
Bi214	0.33 ± 0.0	1.06
Tl208	0.04 ± 0.0	0.13
Radon	0.72 ± 0.04	2.31
External gamma	0.01 ± 0.01	0.03