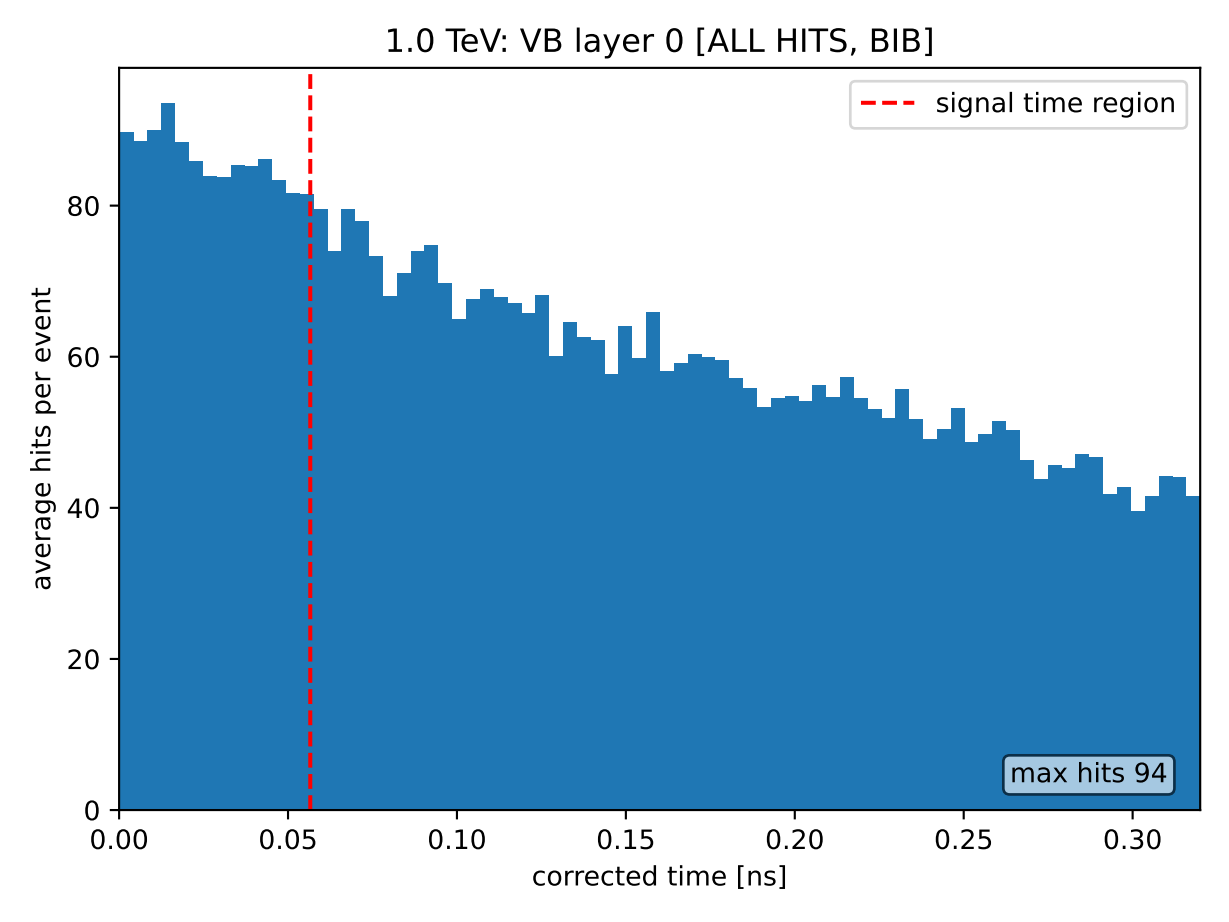
1.0 TeV: VB layer 0 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 94
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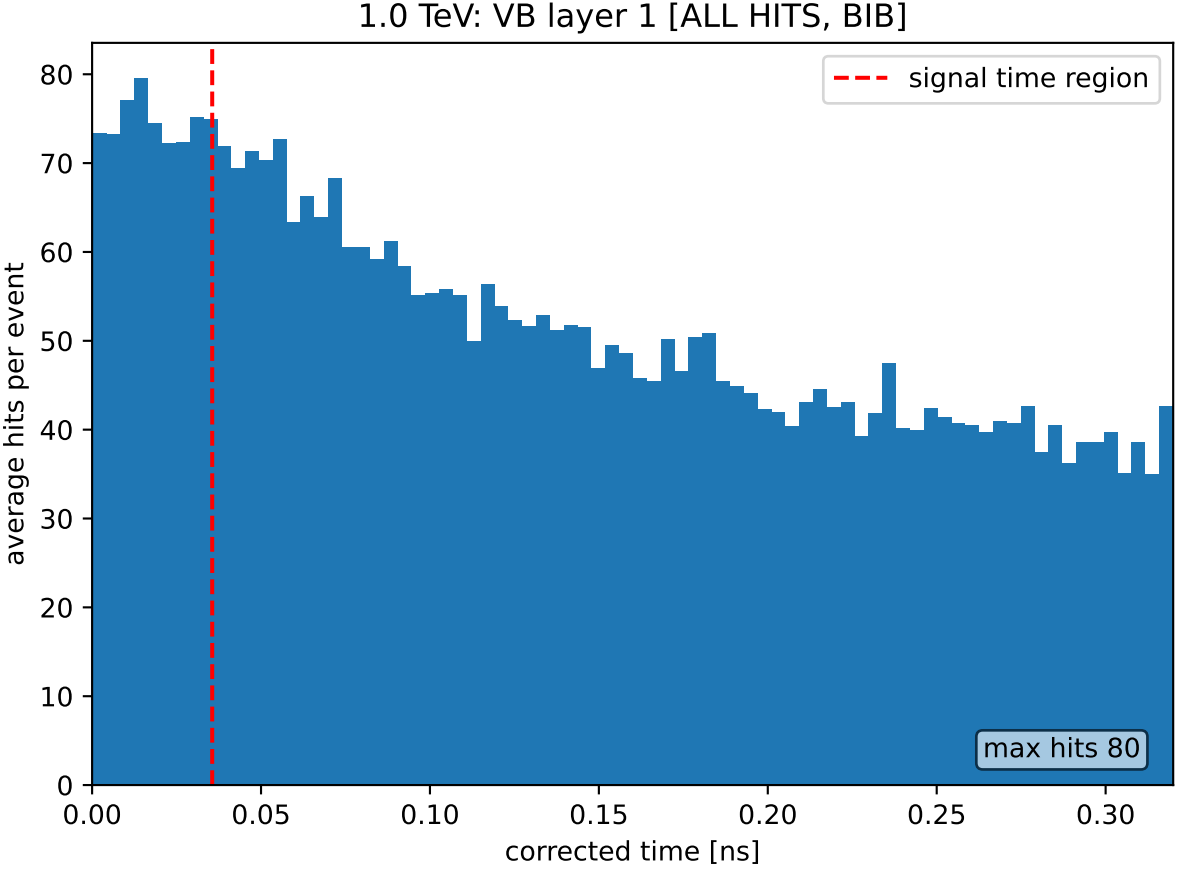
20
40
60
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30


1.0 TeV: VB layer 1 [ALL HITS, BIB]
signal time region
max hits 80
average hits per event
corrected time [ns]
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0.10
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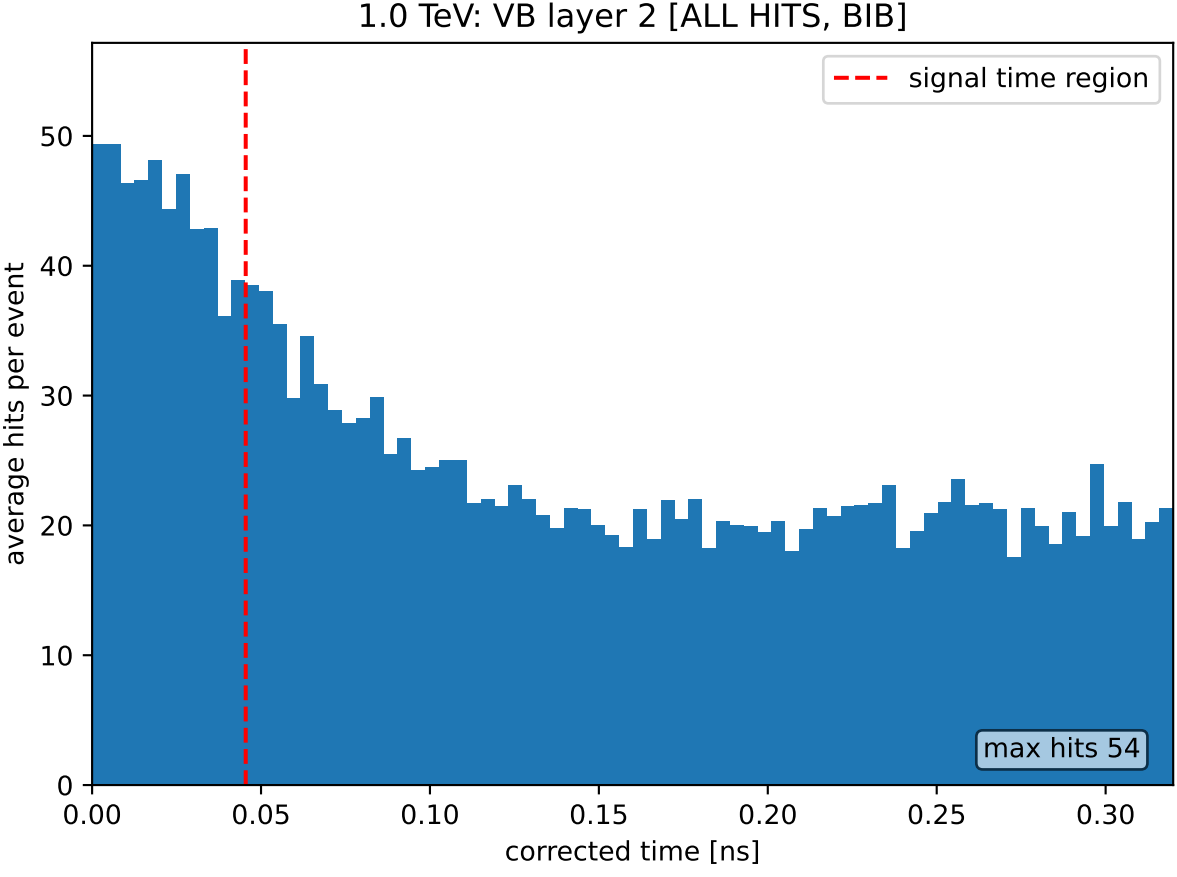
0.25
0.30


1.0 TeV: VB layer 2 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 54
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20
30
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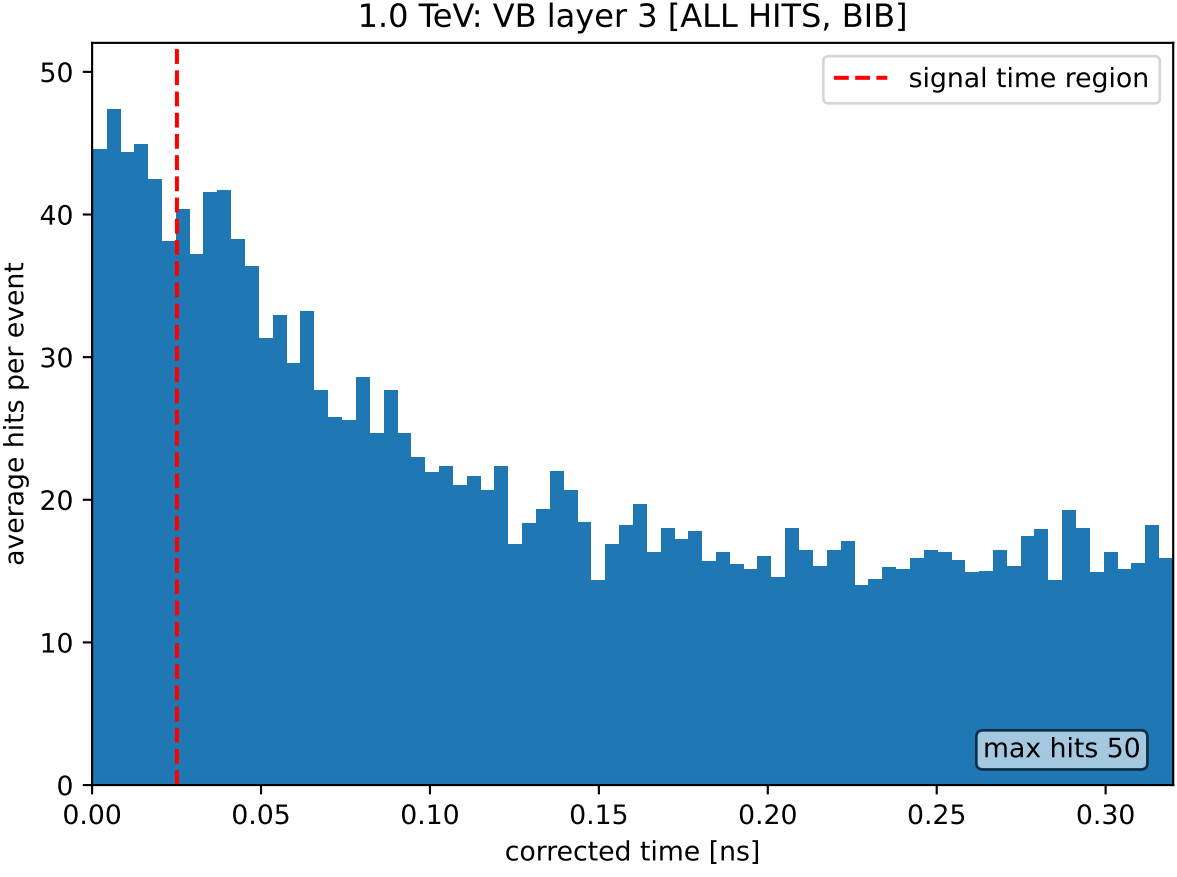
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


1.0 TeV: VB layer 3 [ALL HITS, BIB]
signal time region
max hits 50
average hits per event
corrected time [ns]
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20
30
40
50
0.00
0.05
0.10
0.15
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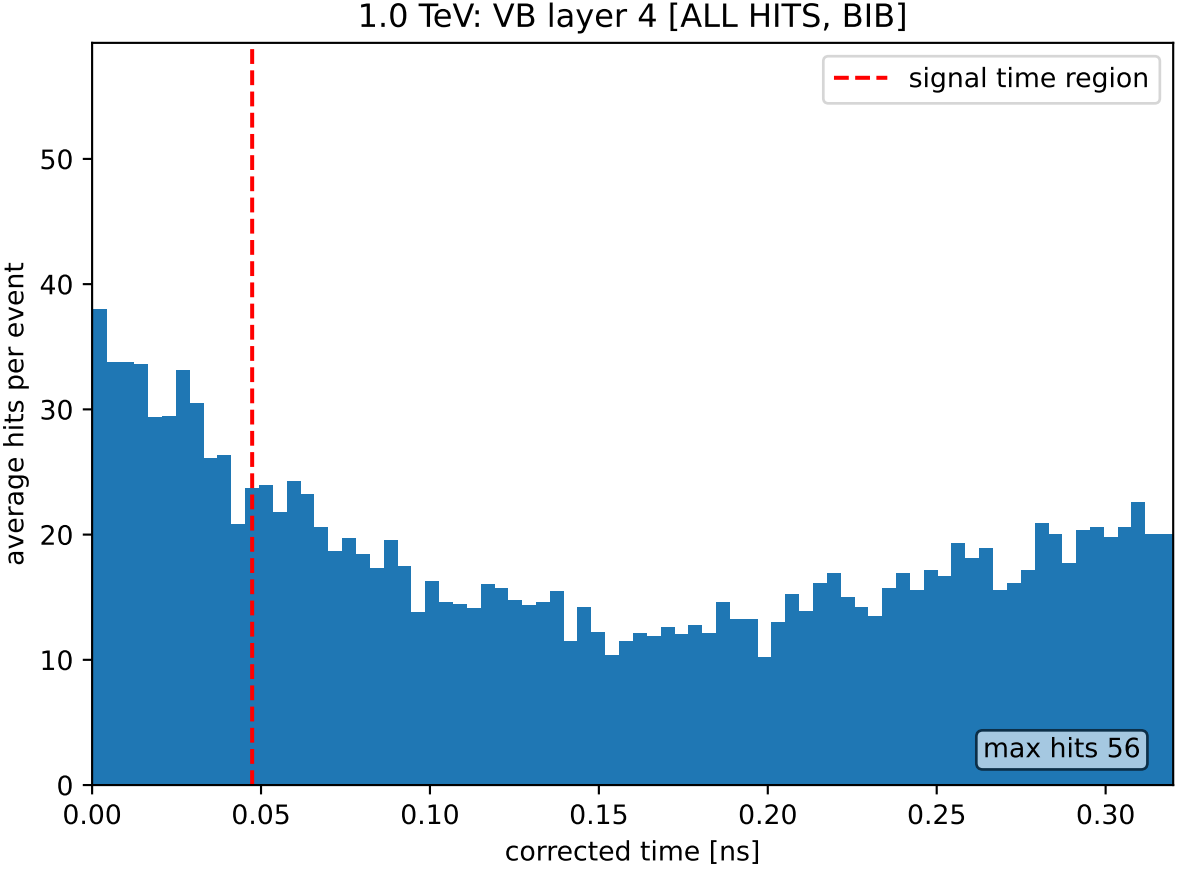
0.25
0.30


1.0 TeV: VB layer 4 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 56
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20
30
40
50
0.00
0.05
0.10
0.15
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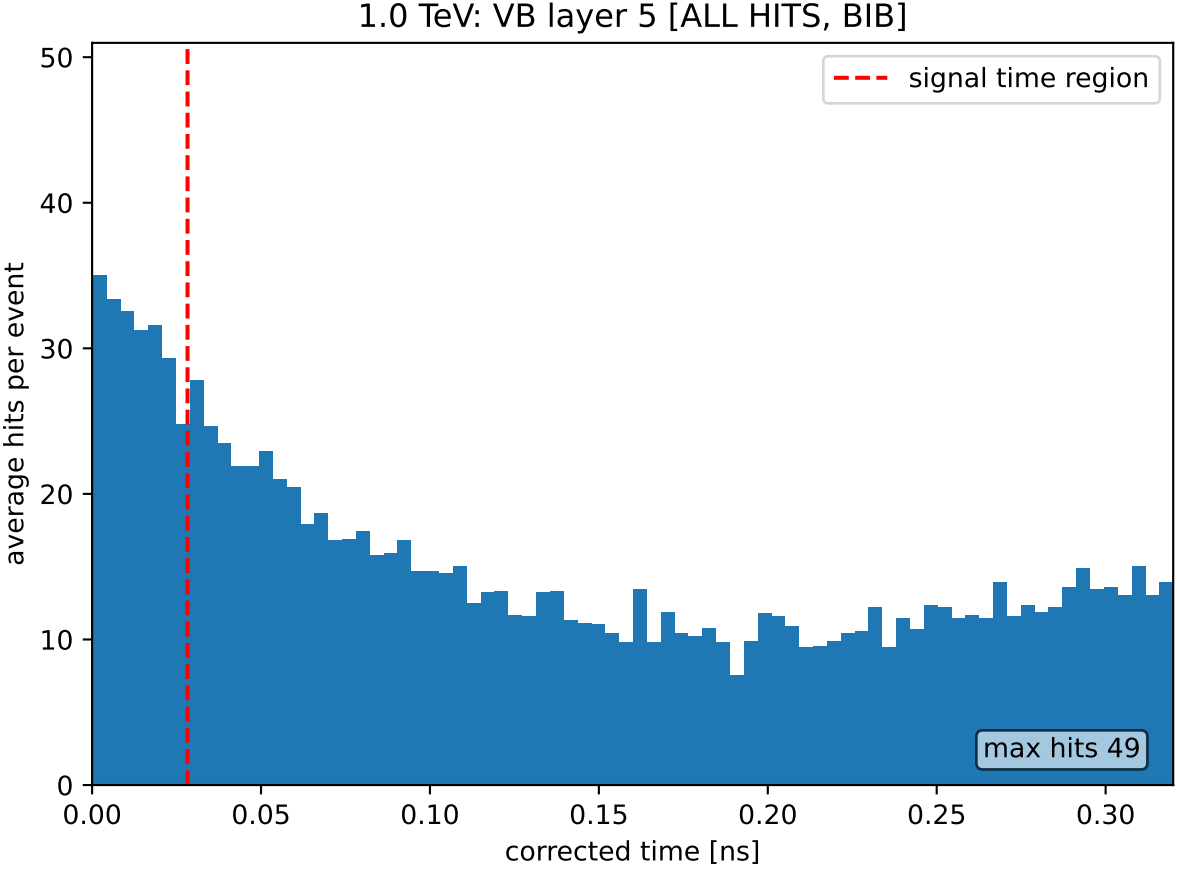
0.25
0.30


1.0 TeV: VB layer 5 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 49
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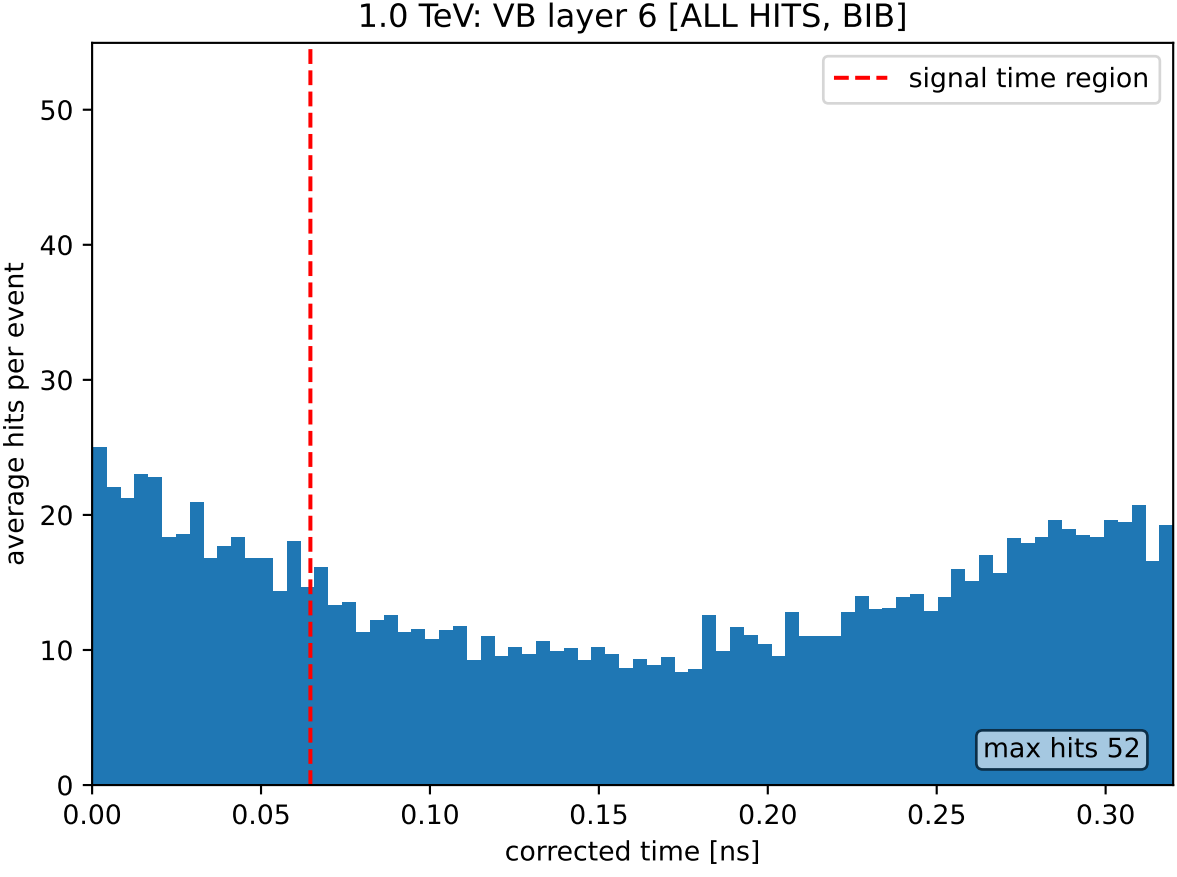
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


1.0 TeV: VB layer 6 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 52
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10
20
30
40
50
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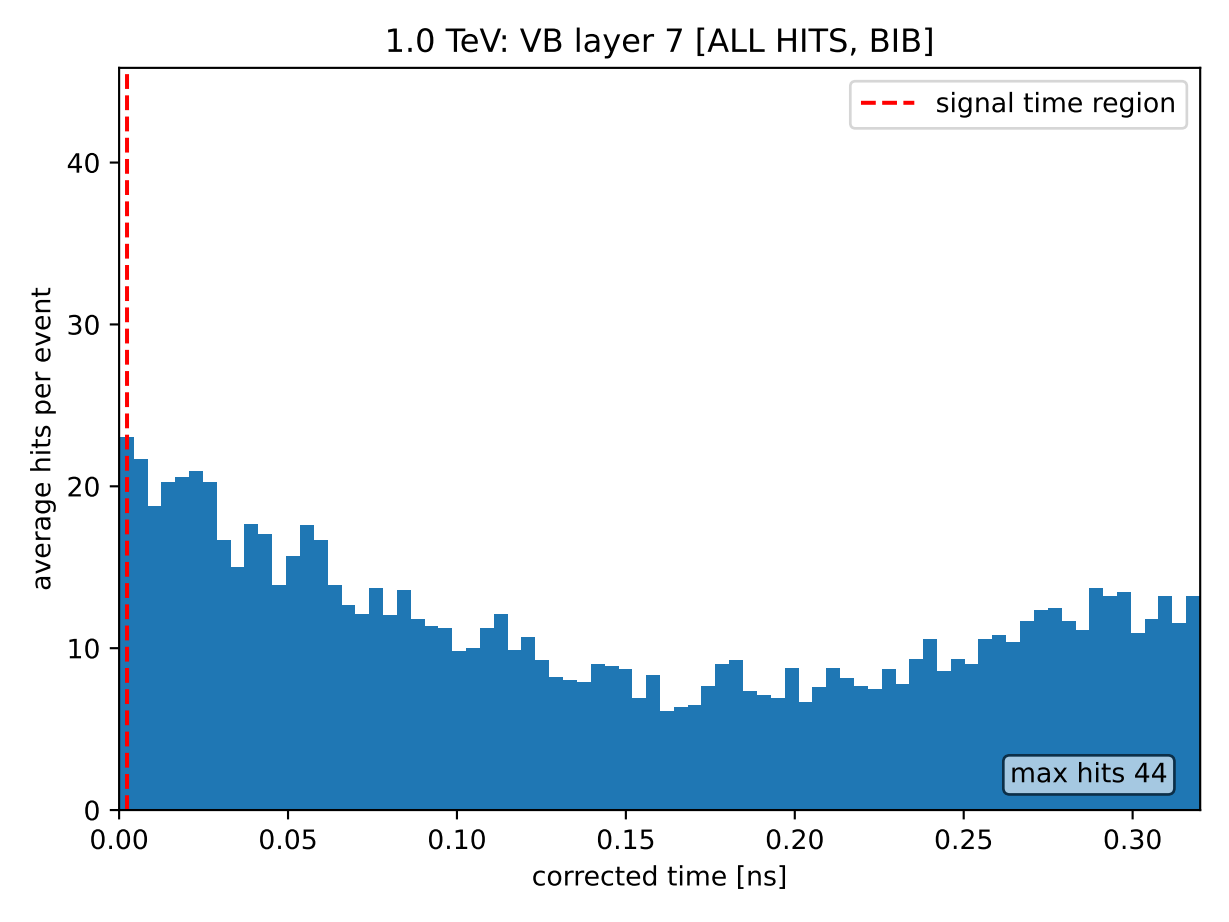
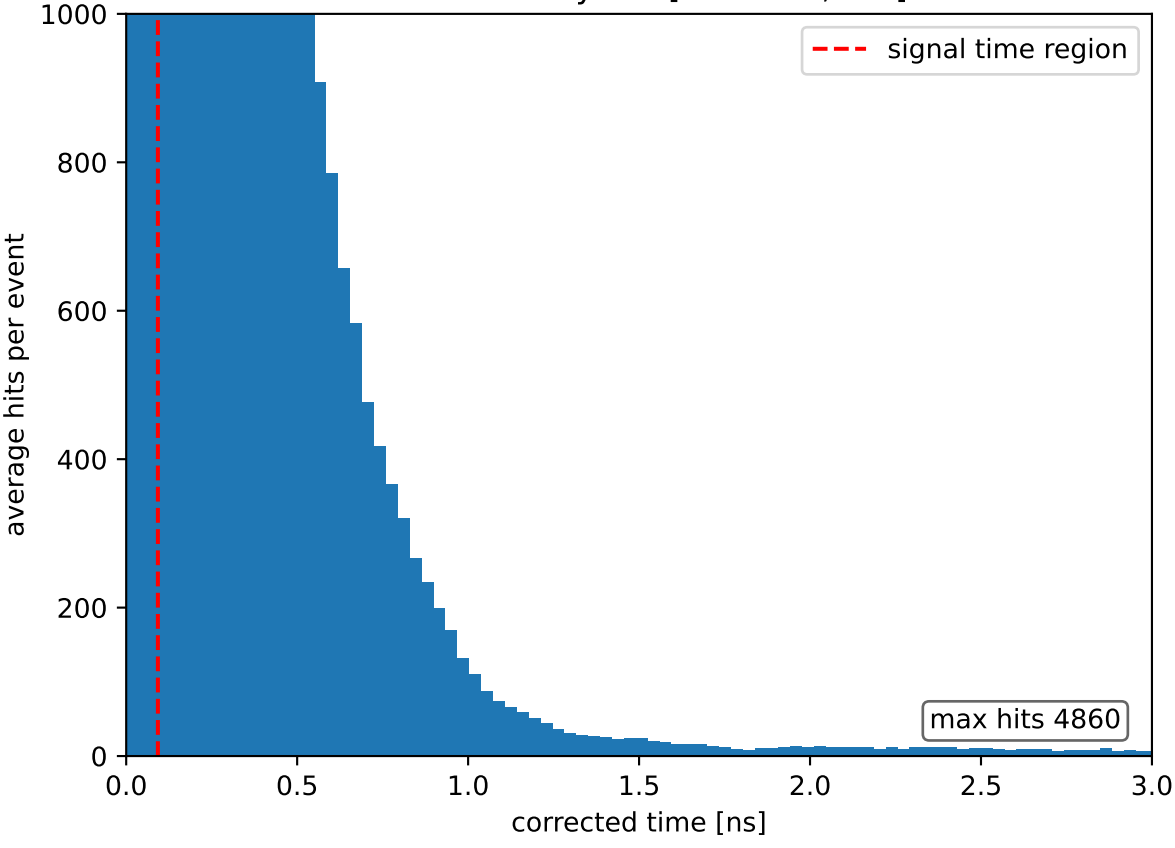
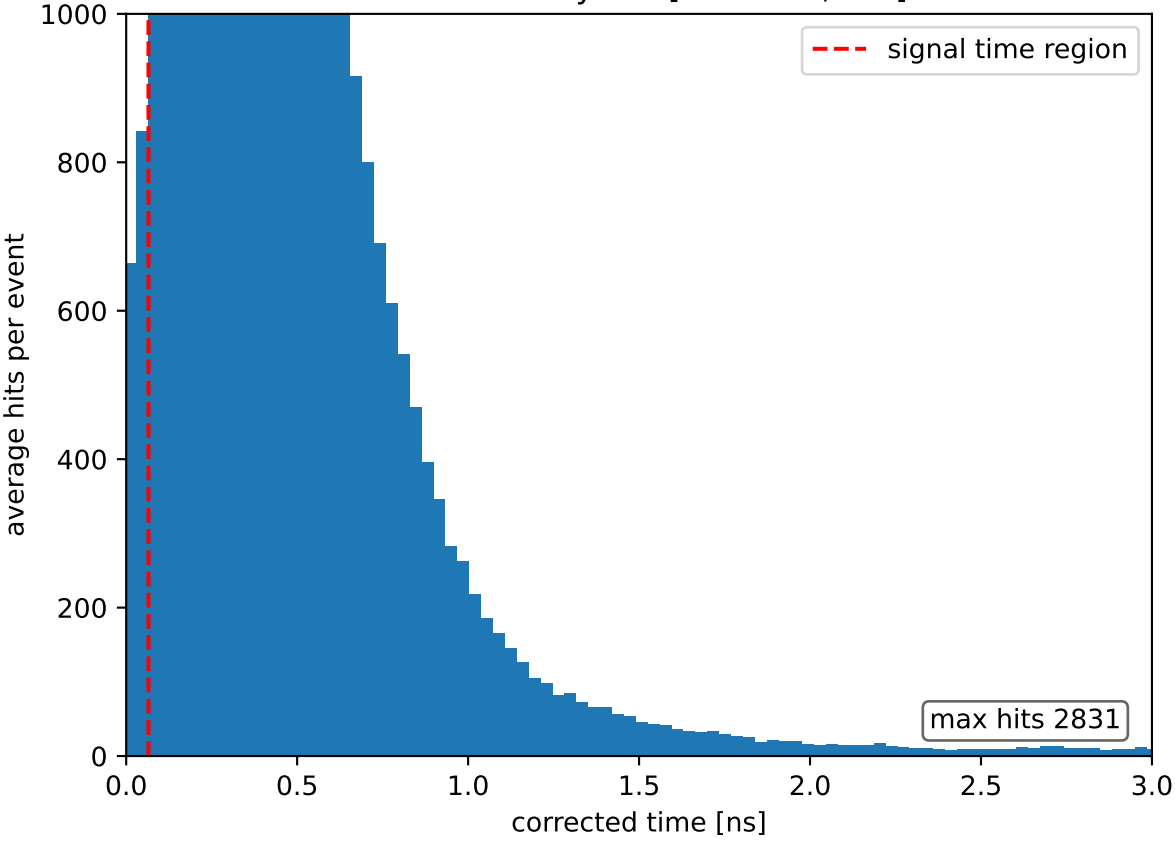
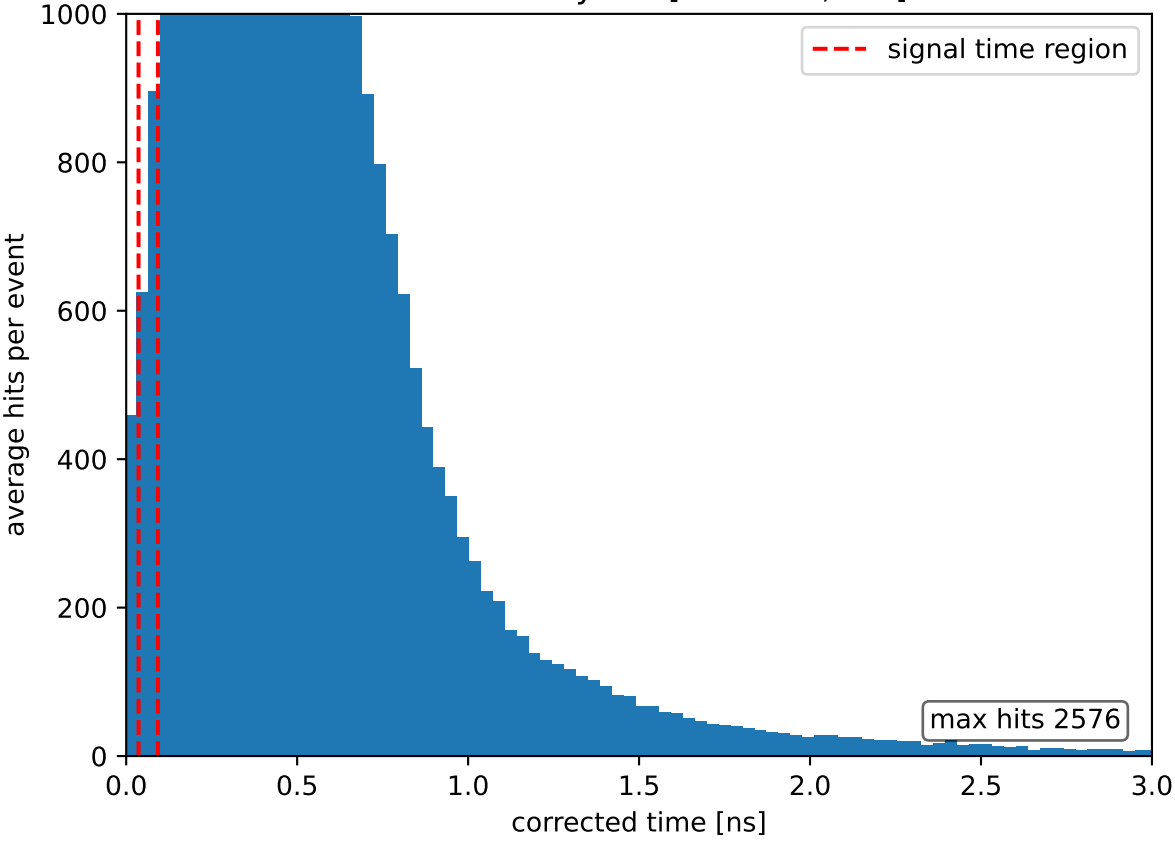
0.05
0.10
0.15
0.20
0.25
0.30


1.0 TeV: VB layer 7 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 44
0
10
20
30
40
0.00
0.05
0.10
0.15
0.20
0.25
0.30


1.0 TeV: IB layer 0 [ALL HITS, BIB]
signal time region
max hits 4860
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0


1.0 TeV: IB layer 1 [ALL HITS, BIB]
signal time region
max hits 2831
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0


1.0 TeV: IB layer 2 [ALL HITS, BIB]
signal time region
max hits 2576
average hits per event
corrected time [ns]
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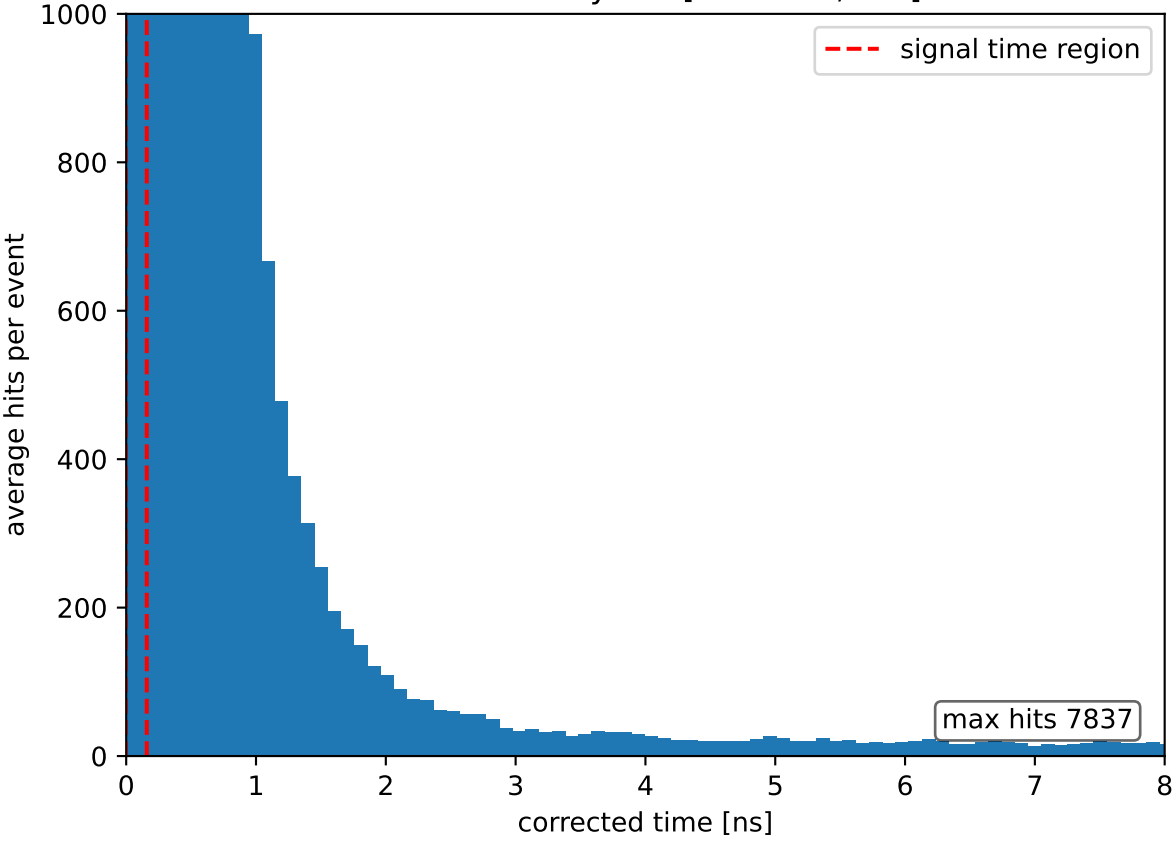
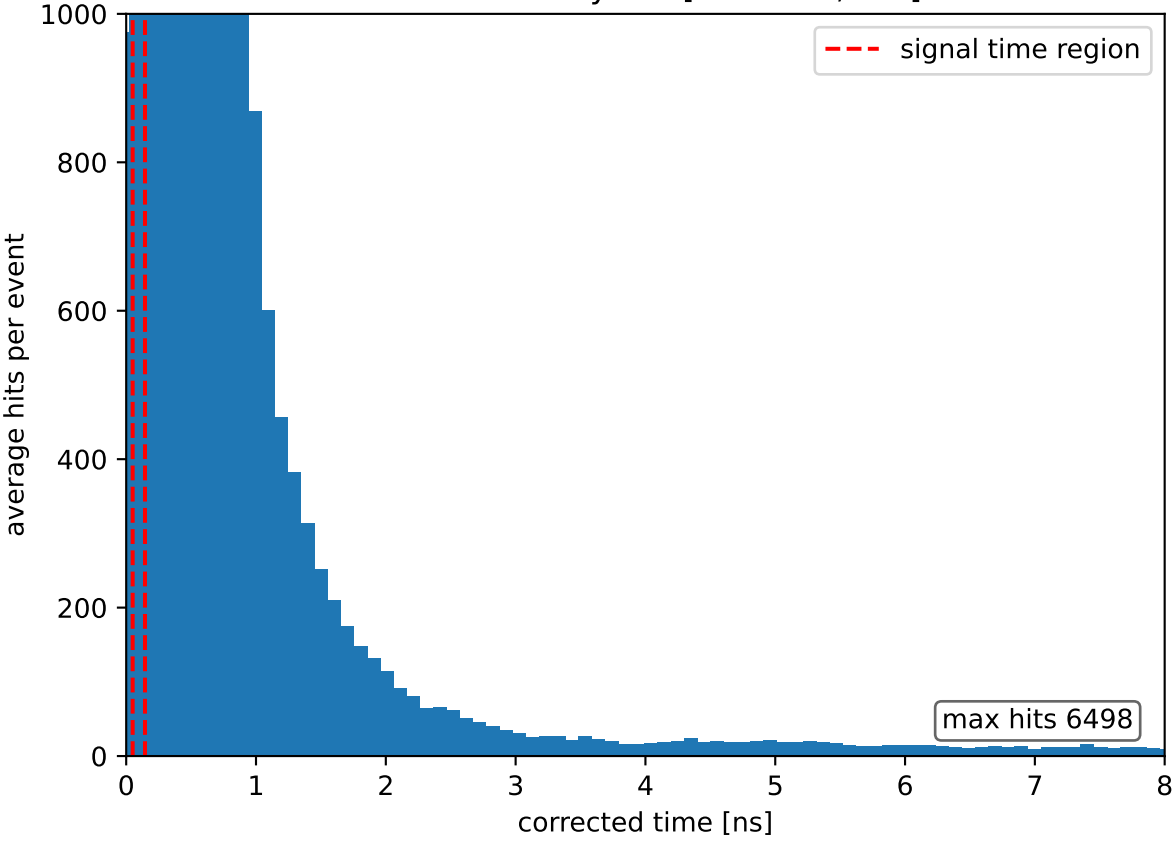
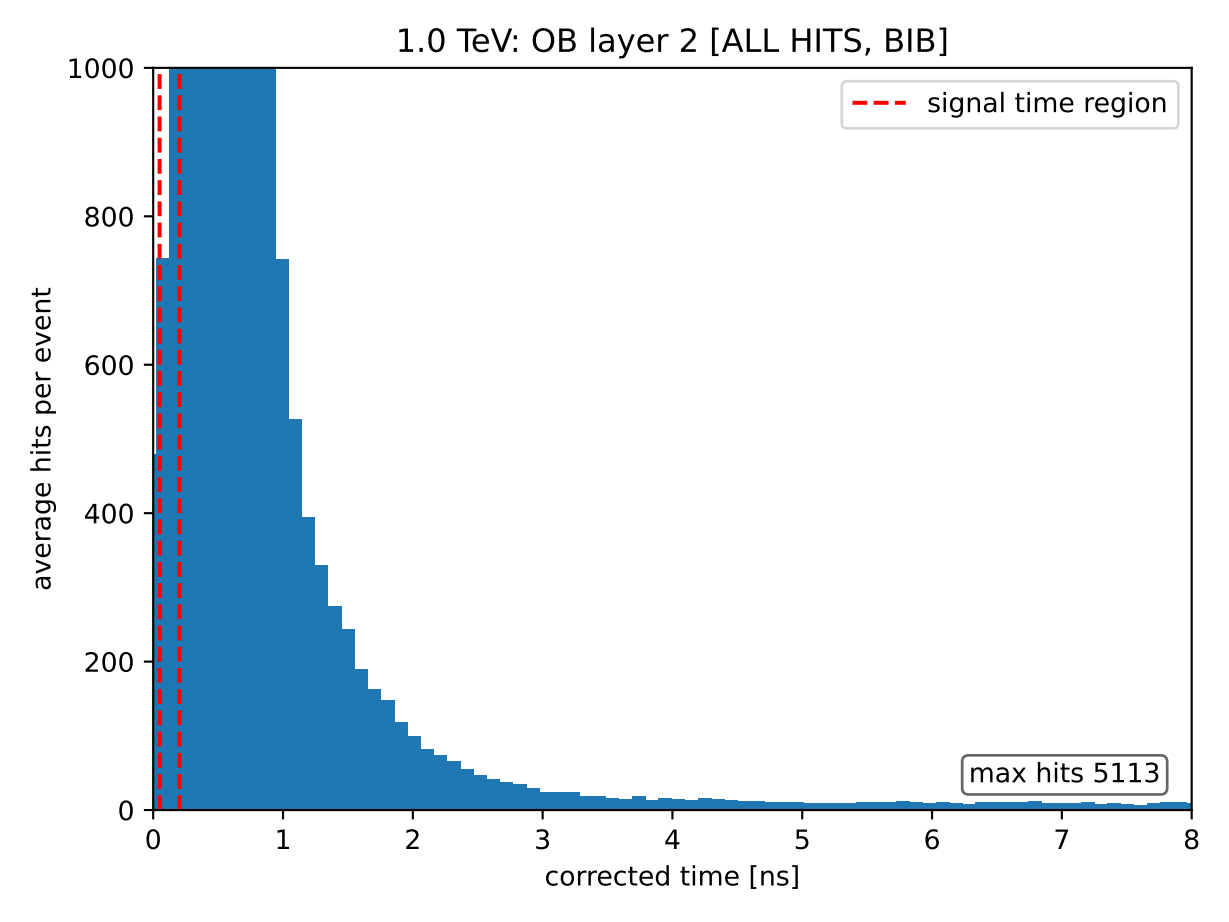
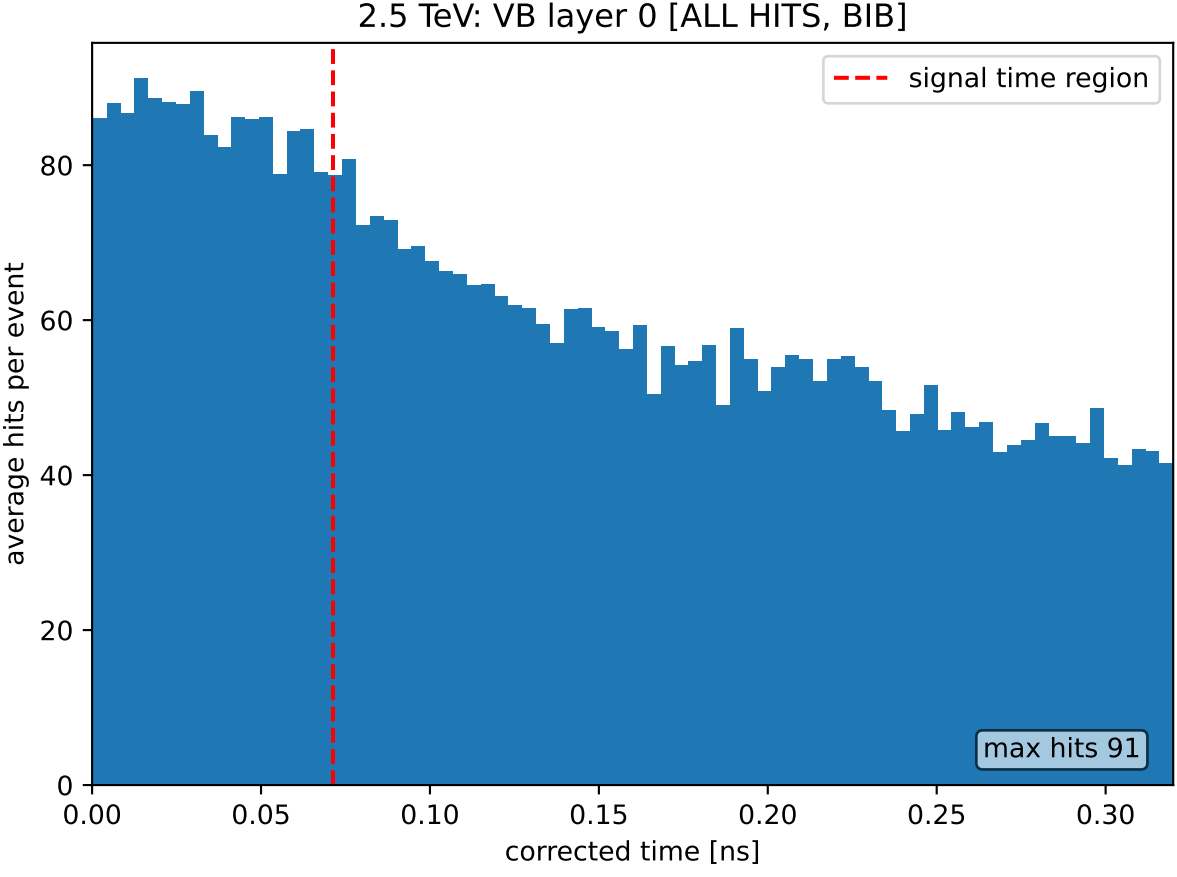
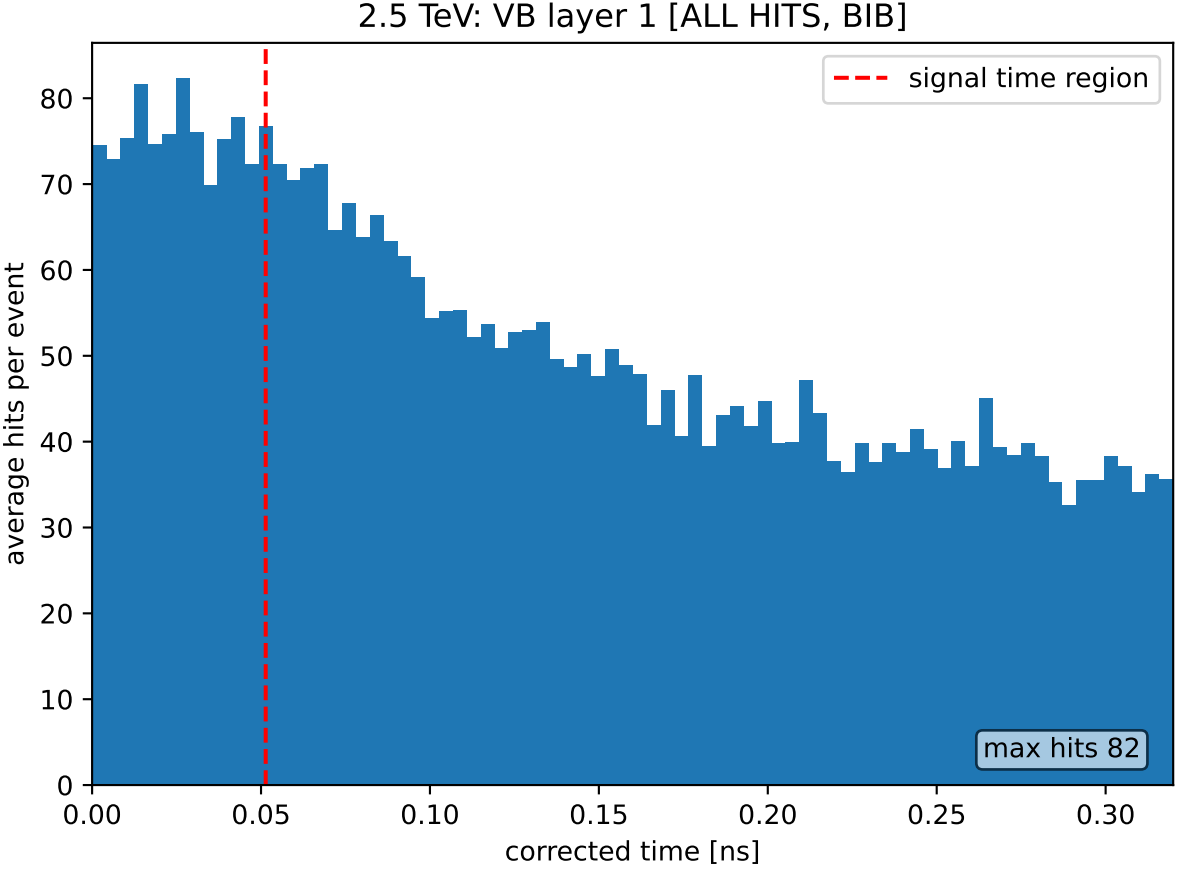
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0


1.0 TeV: OB layer 0 [ALL HITS, BIB]
signal time region
max hits 7837
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


1.0 TeV: OB layer 1 [ALL HITS, BIB]
signal time region
max hits 6498
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


1.0 TeV: OB layer 2 [ALL HITS, BIB]
signal time region
max hits 5113
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


2.5 TeV: VB layer 0 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 91
0
20
40
60
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30


2.5 TeV: VB layer 1 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 82
0
10
20
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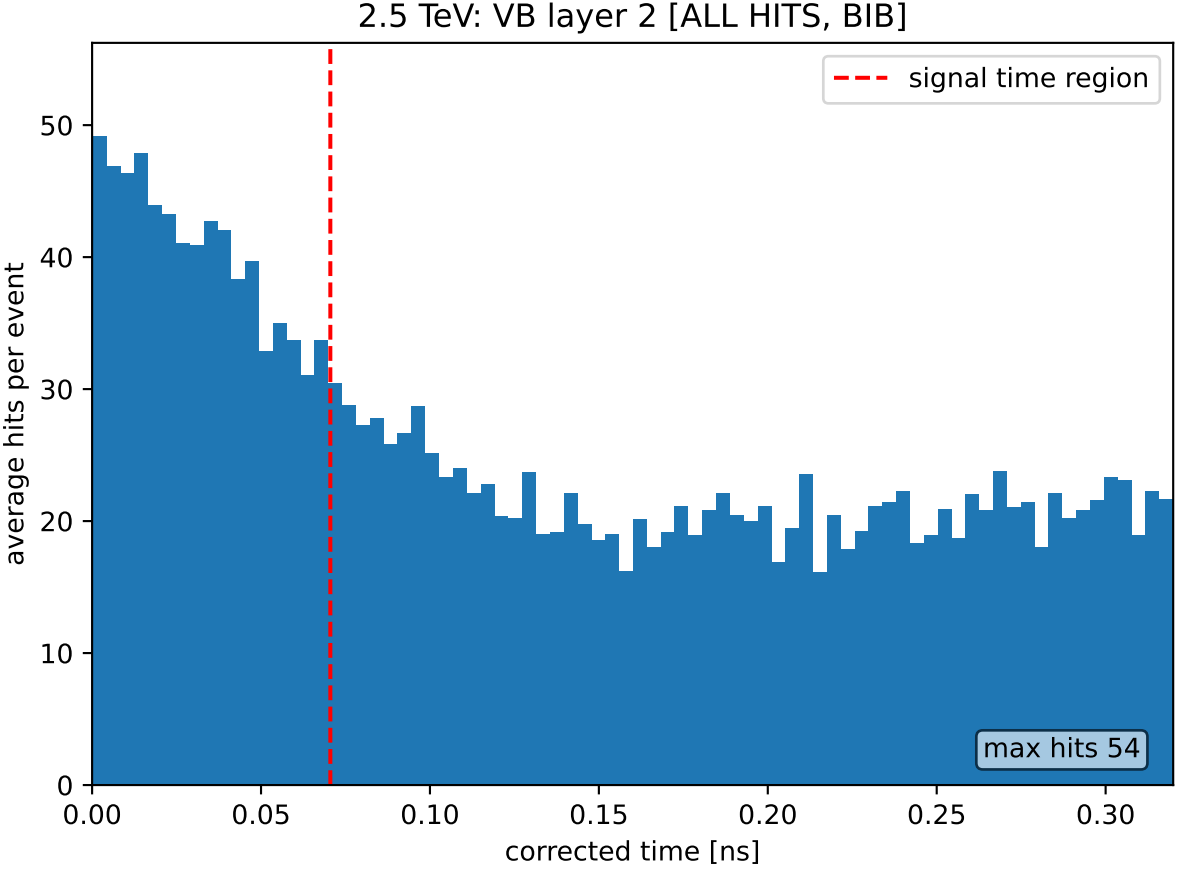
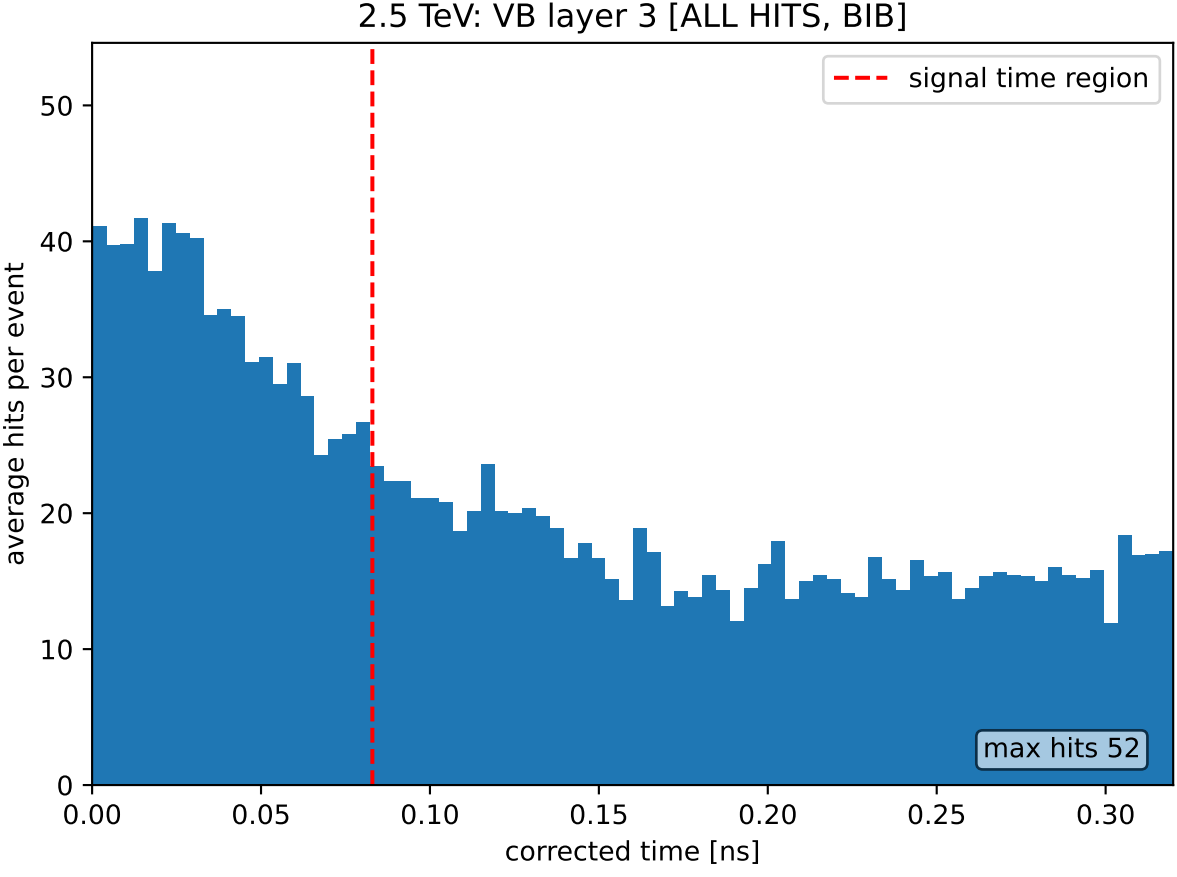
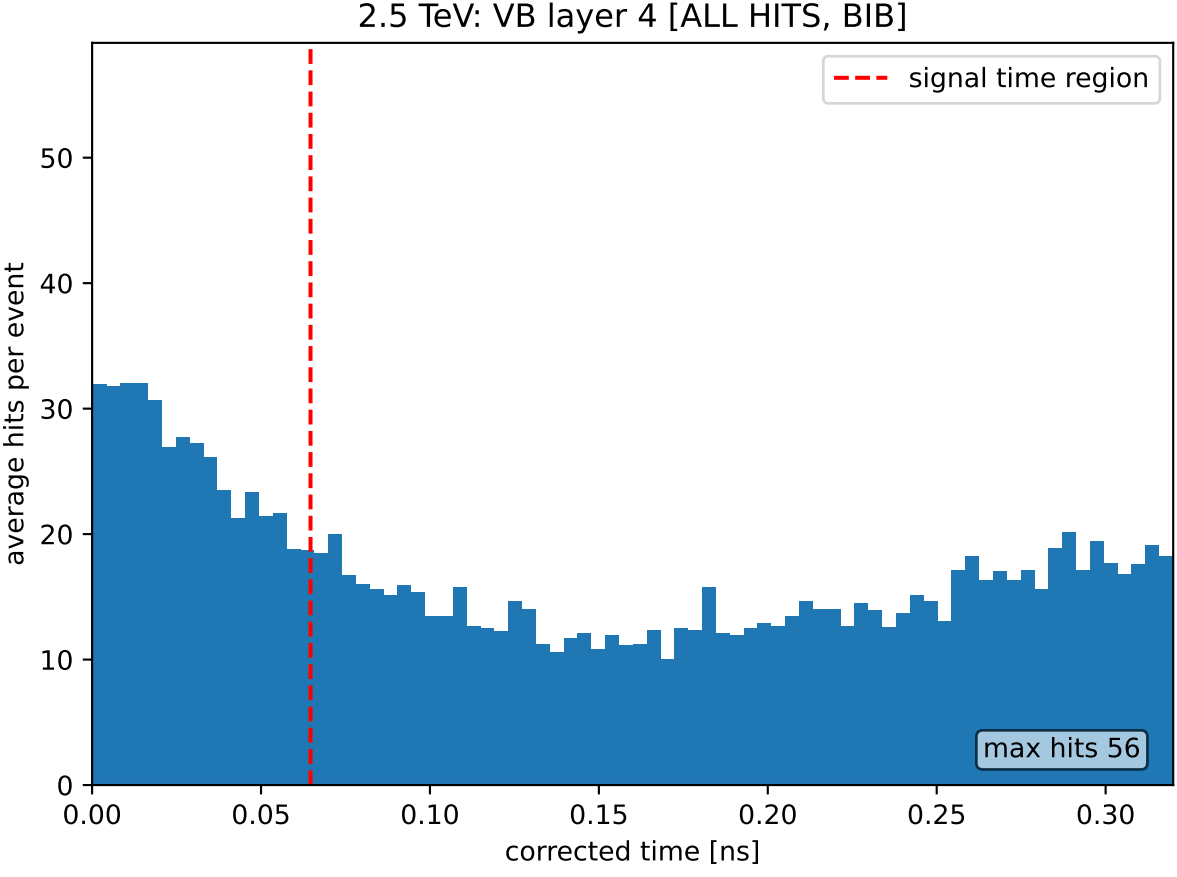
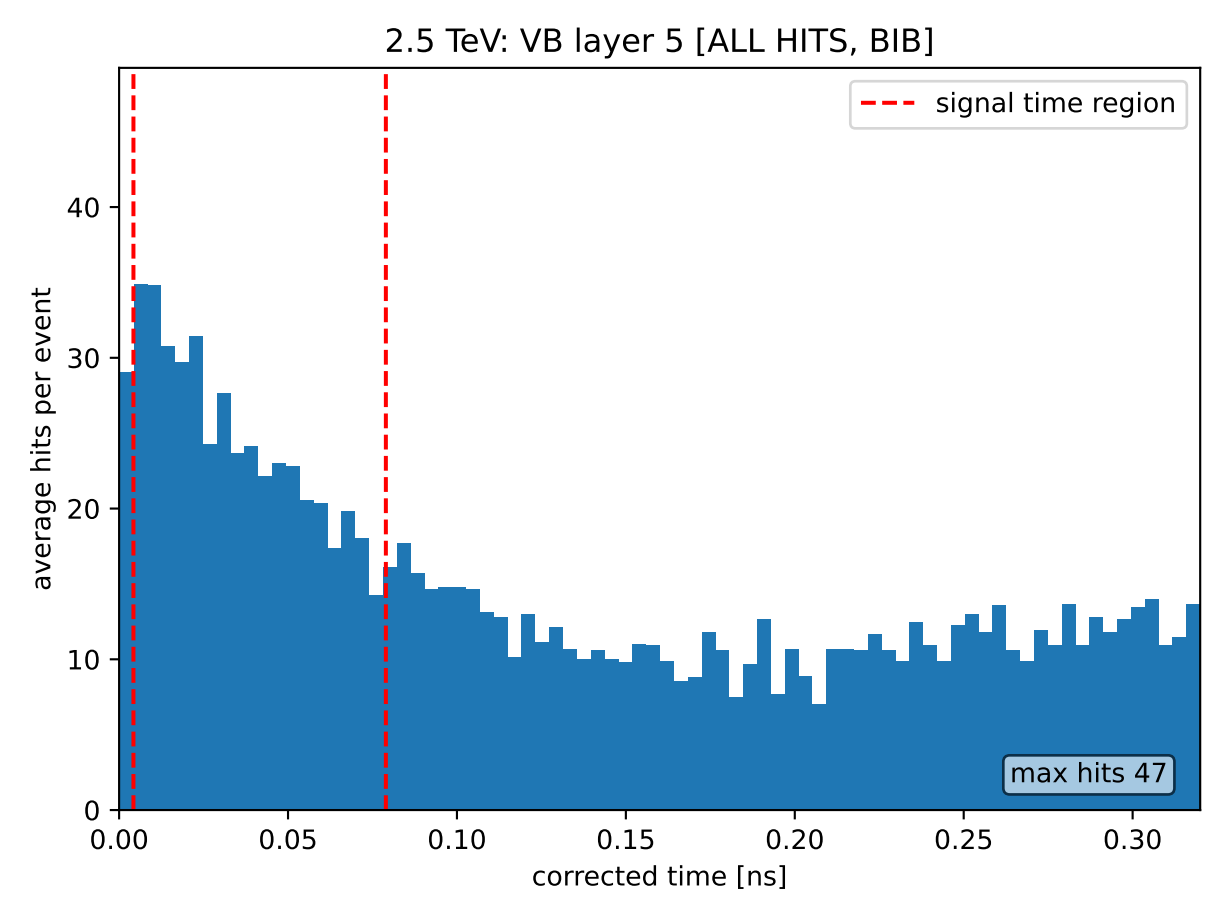
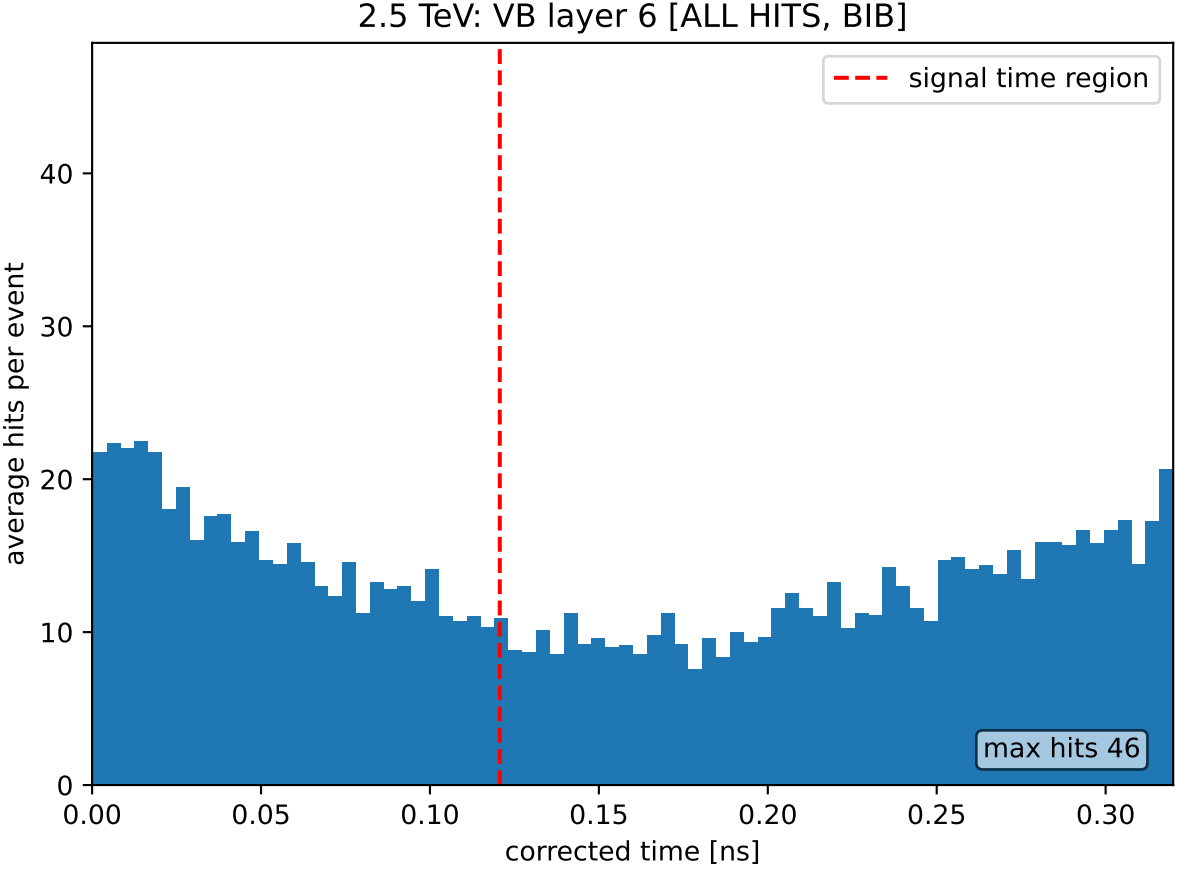
40
50
60
70
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30

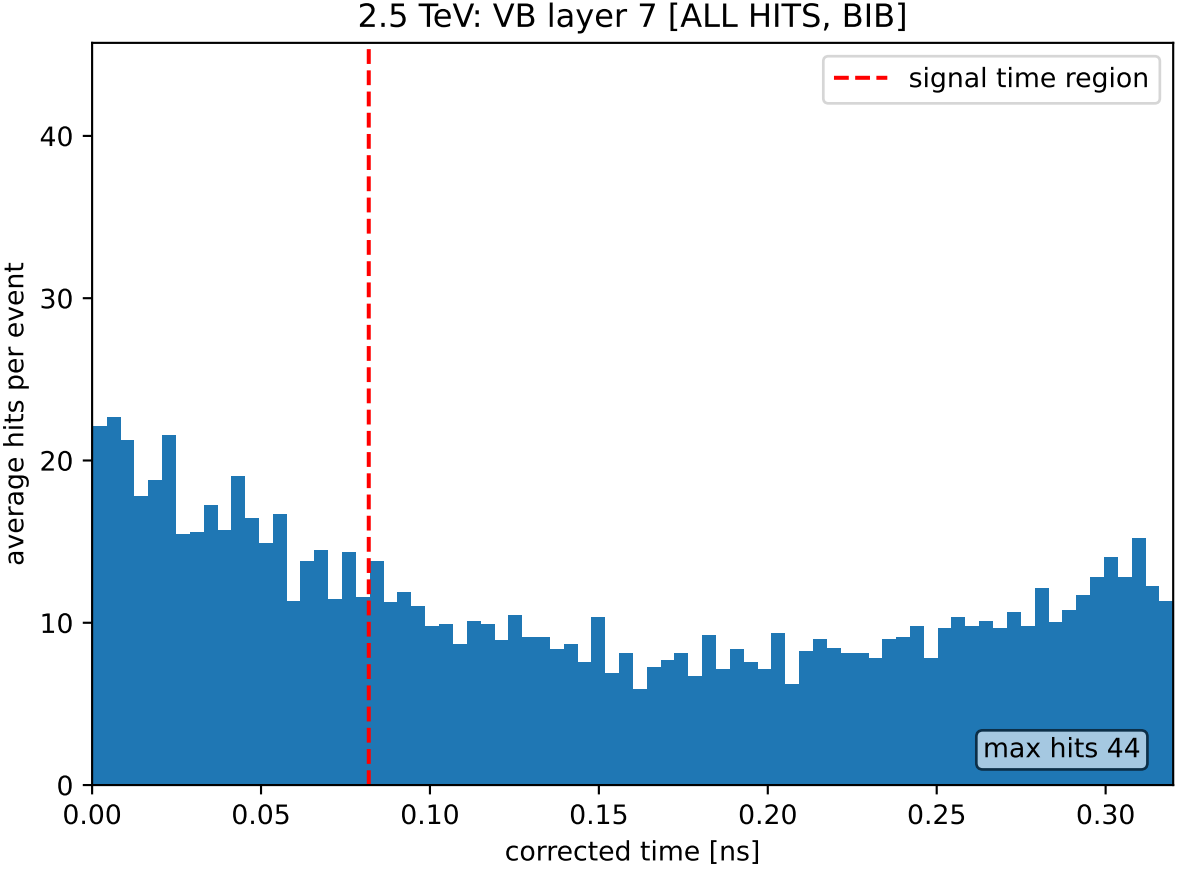

2.5 TeV: VB layer 2 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 54
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30

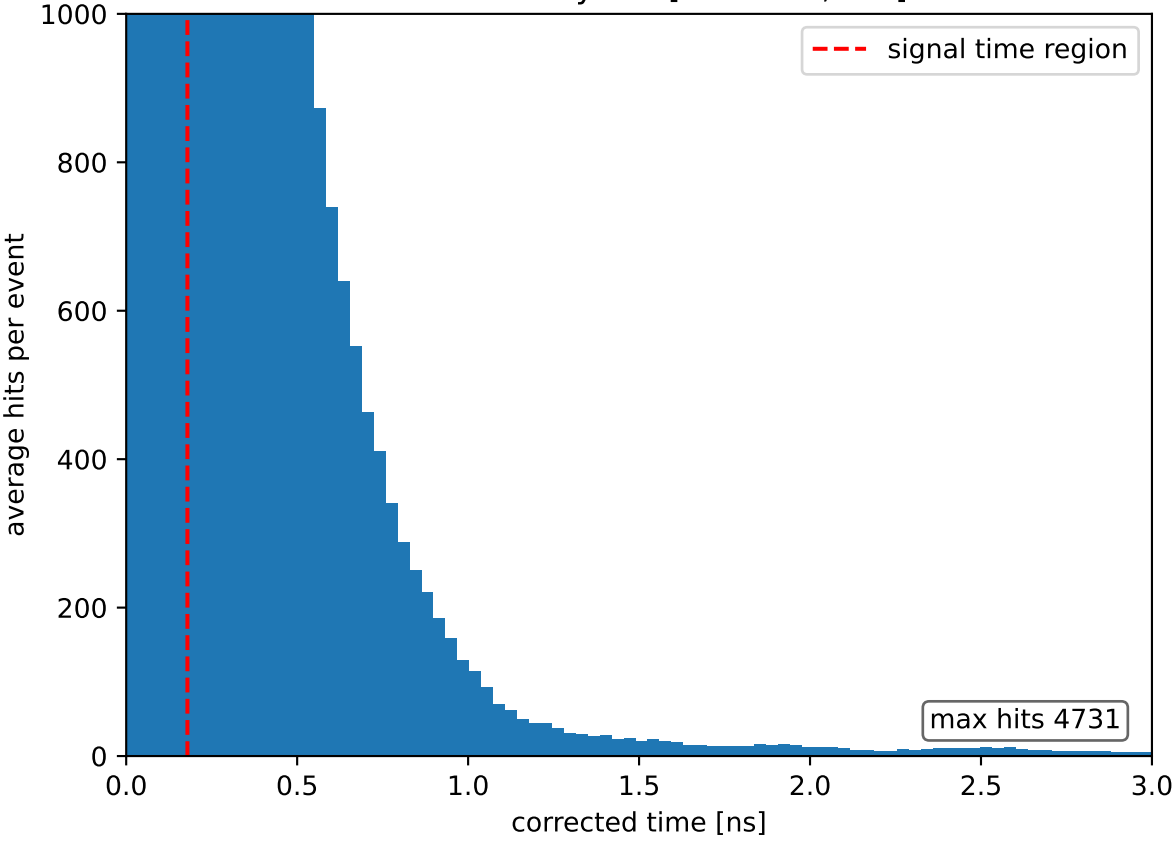

2.5 TeV: VB layer 3 [ALL HITS, BIB]
signal time region
max hits 52
average hits per event
corrected time [ns]
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


2.5 TeV: VB layer 4 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 56
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


2.5 TeV: VB layer 5 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 47
0
10
20
30
40
0.00
0.05
0.10
0.15
0.20
0.25
0.30


2.5 TeV: VB layer 6 [ALL HITS, BIB]
signal time region
average hits per event
0
10
20
30
40
0.00
0.05
0.10
0.15
0.20
0.25
0.30
corrected time [ns]
max hits 46


2.5 TeV: VB layer 7 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 44
0
10
20
30
40
0.00
0.05
0.10
0.15
0.20
0.25
0.30


2.5 TeV: IB layer 0 [ALL HITS, BIB]
signal time region
max hits 4731
average hits per event
corrected time [ns]
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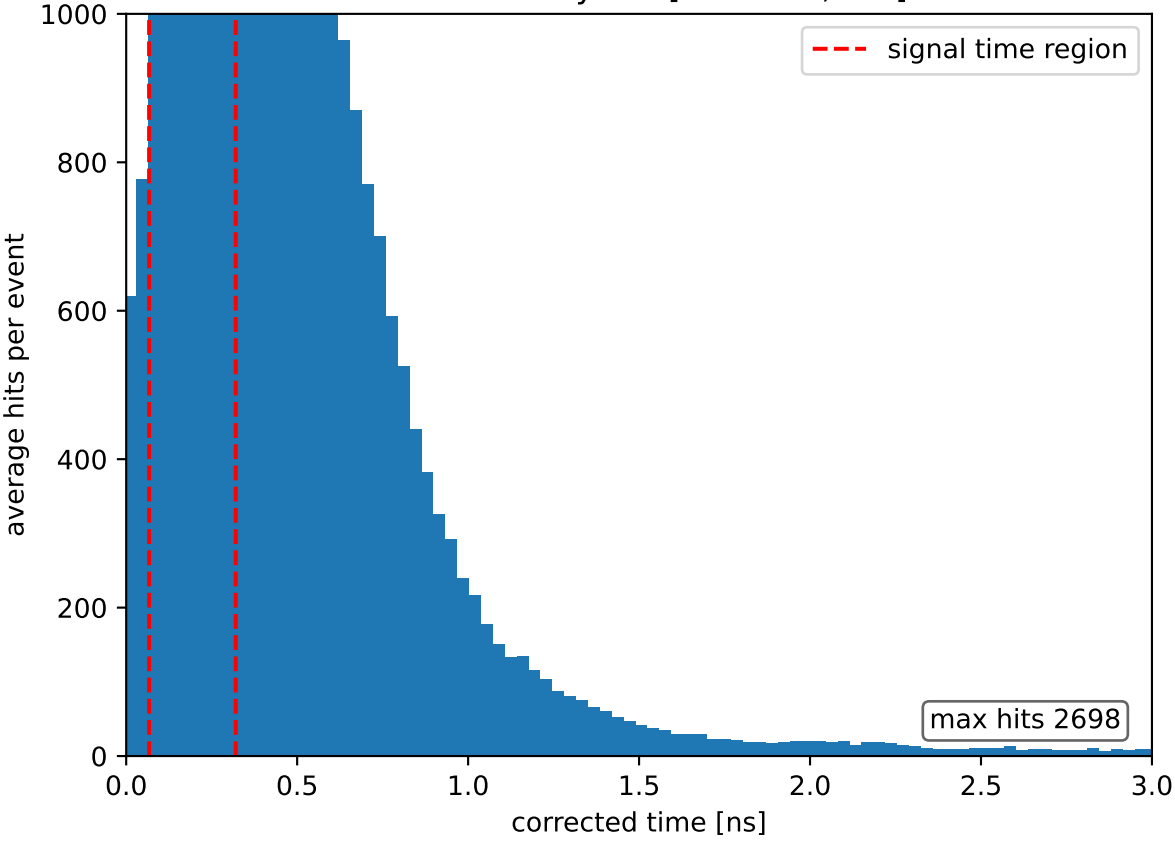
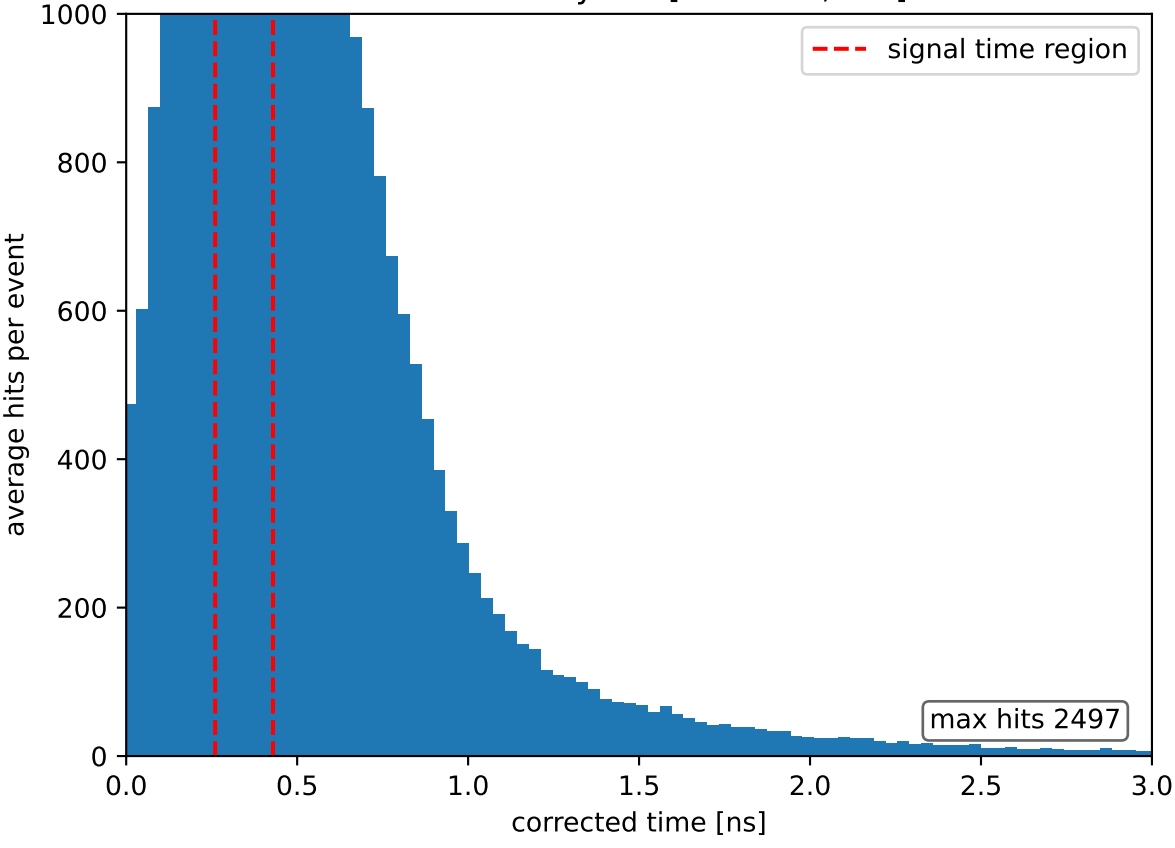
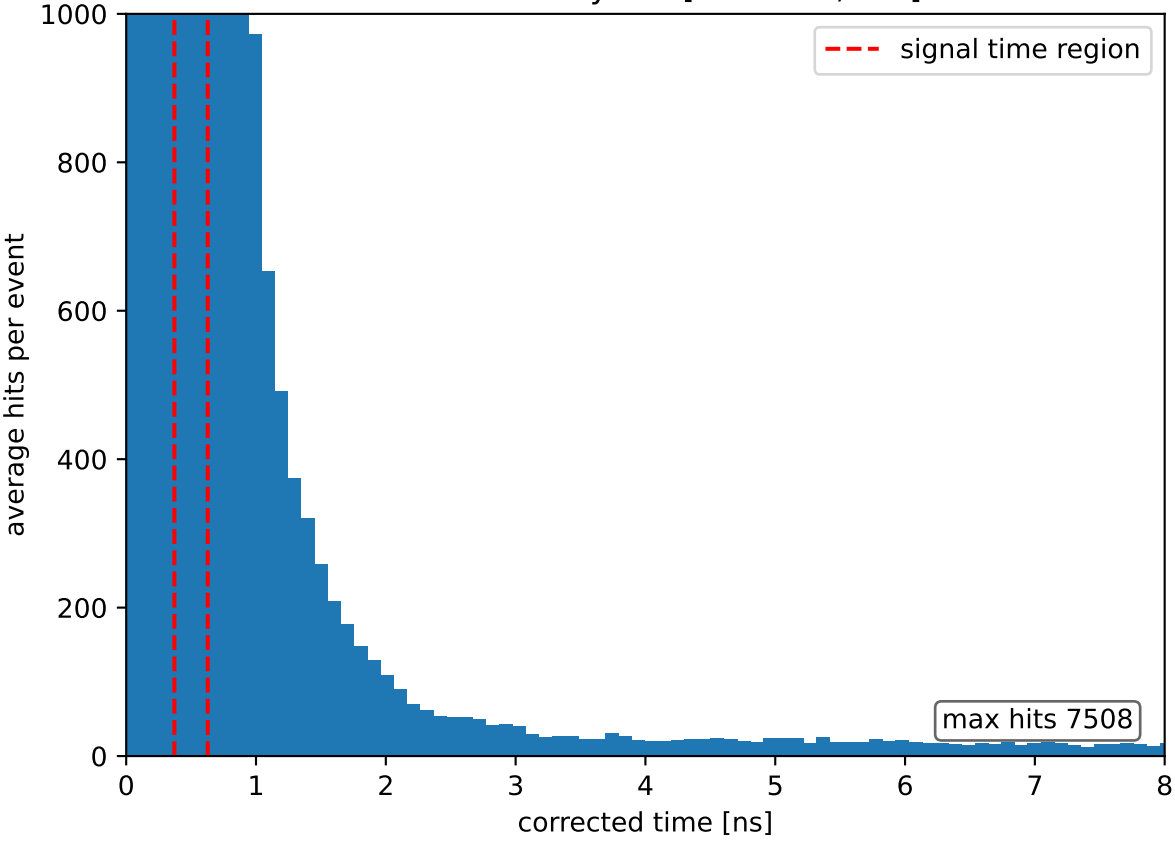
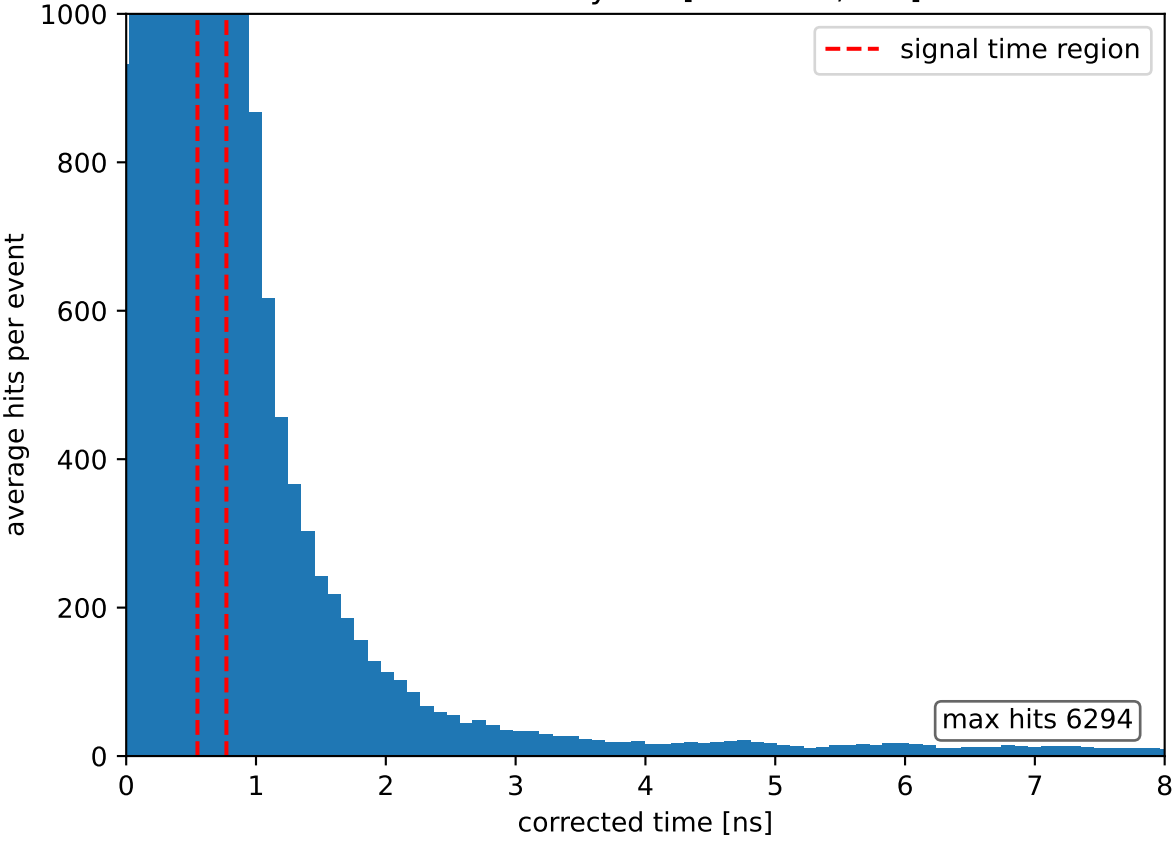
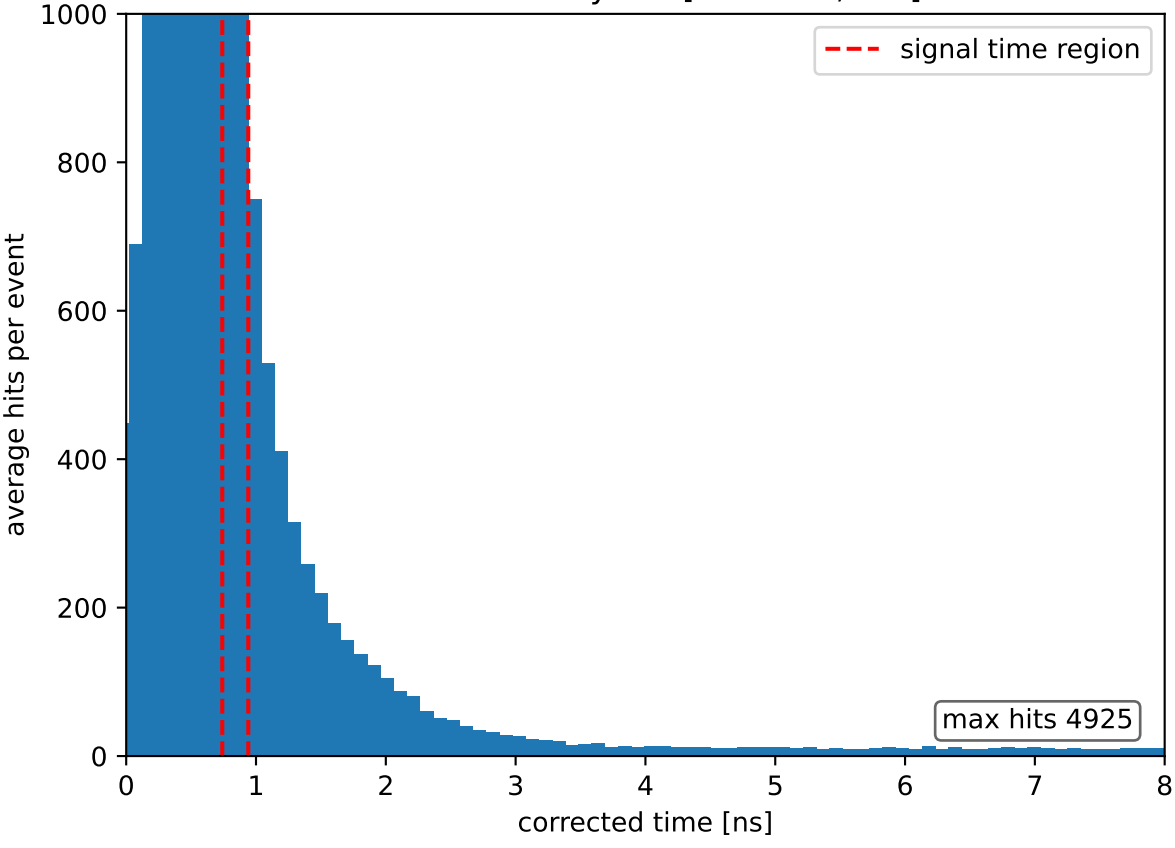
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

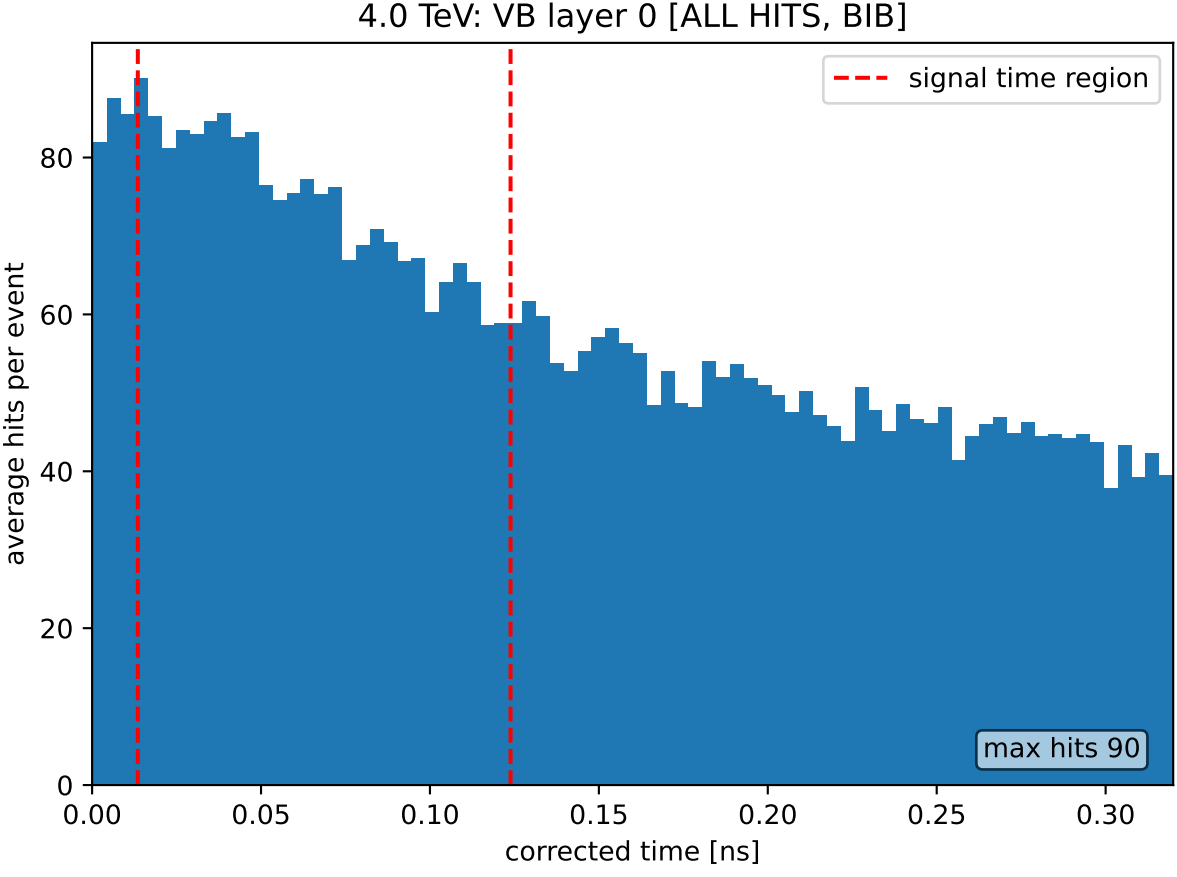

2.5 TeV: IB layer 1 [ALL HITS, BIB]
signal time region
max hits 2698
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

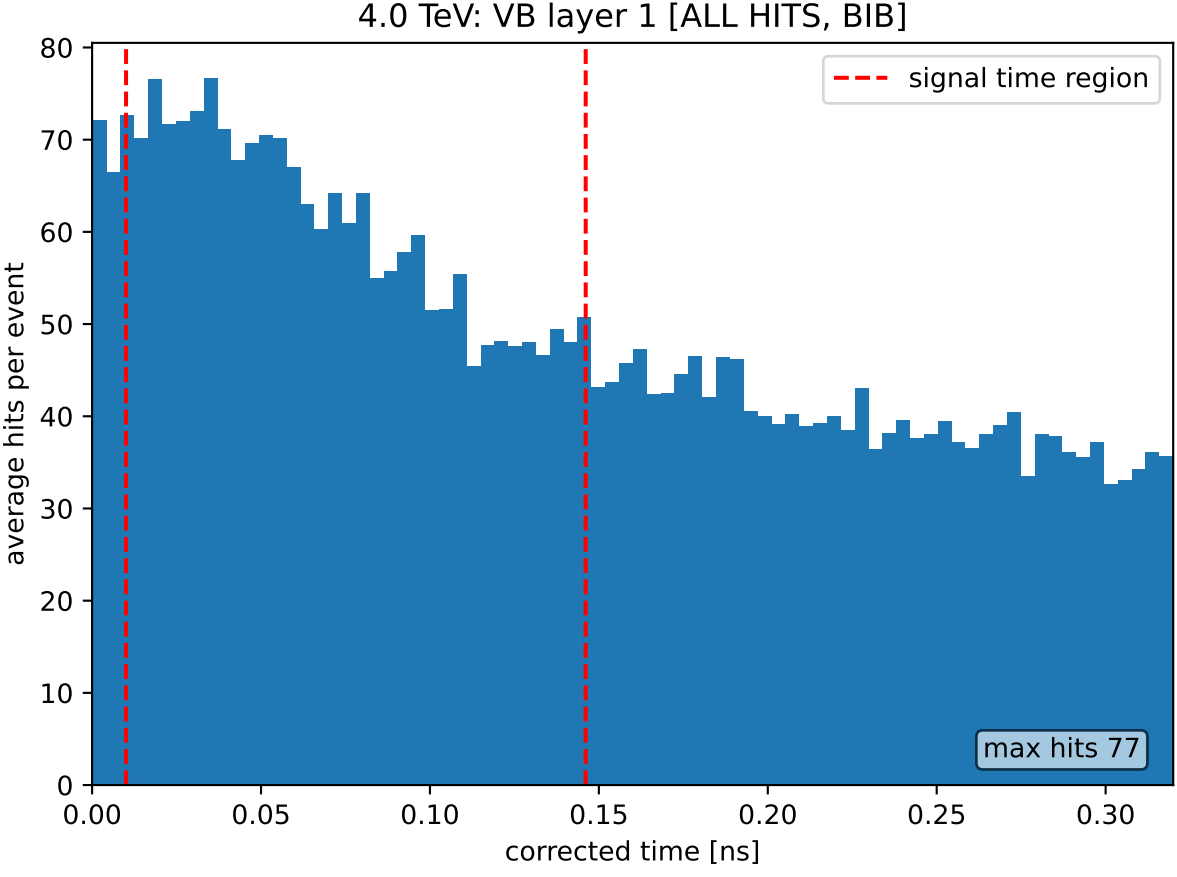

2.5 TeV: IB layer 2 [ALL HITS, BIB]
signal time region
max hits 2497
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

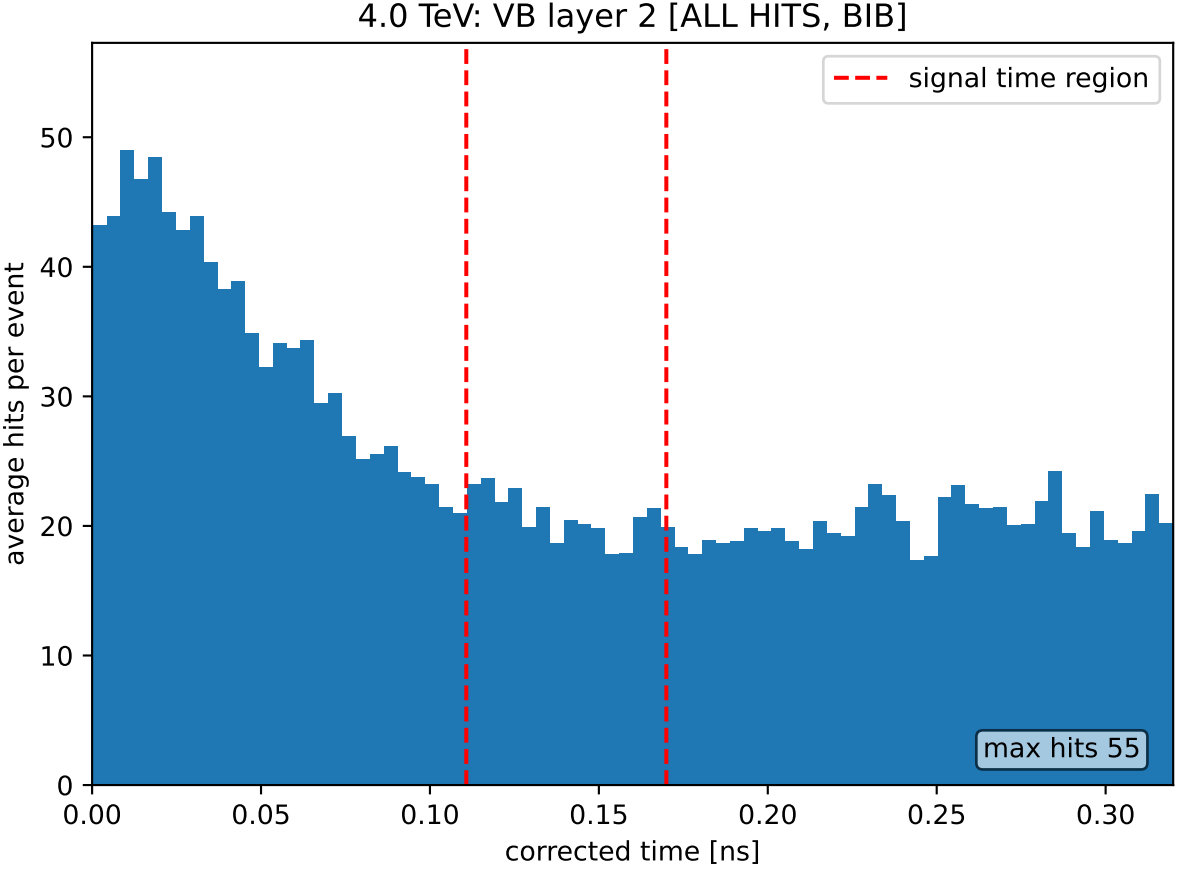

2.5 TeV: OB layer 0 [ALL HITS, BIB]
signal time region
max hits 7508
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


2.5 TeV: OB layer 1 [ALL HITS, BIB]
signal time region
max hits 6294
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


2.5 TeV: OB layer 2 [ALL HITS, BIB]
signal time region
max hits 4925
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


4.0 TeV: VB layer 0 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 90
0
20
40
60
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.0 TeV: VB layer 1 [ALL HITS, BIB]
signal time region
max hits 77
average hits per event
corrected time [ns]
0
10
20
30
40
50
60
70
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.0 TeV: VB layer 2 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 55
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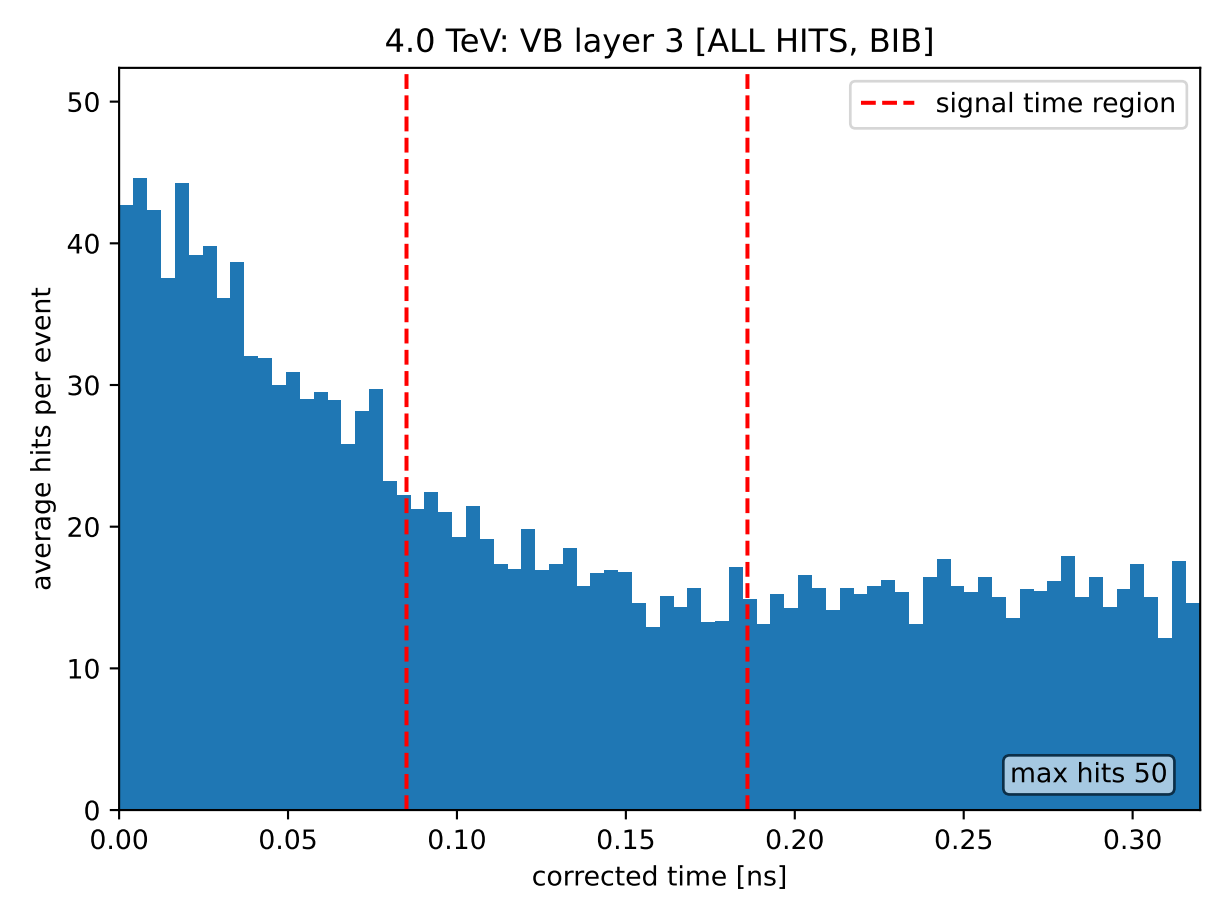
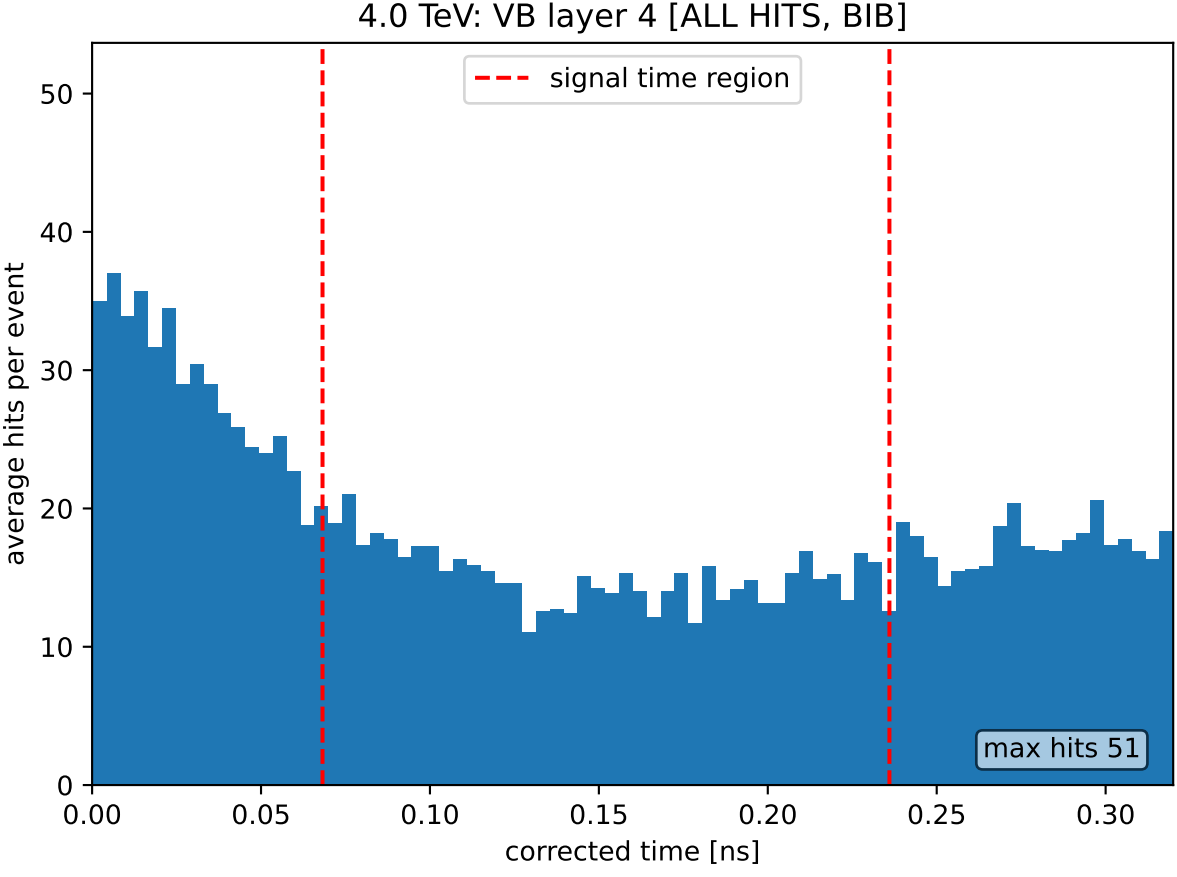
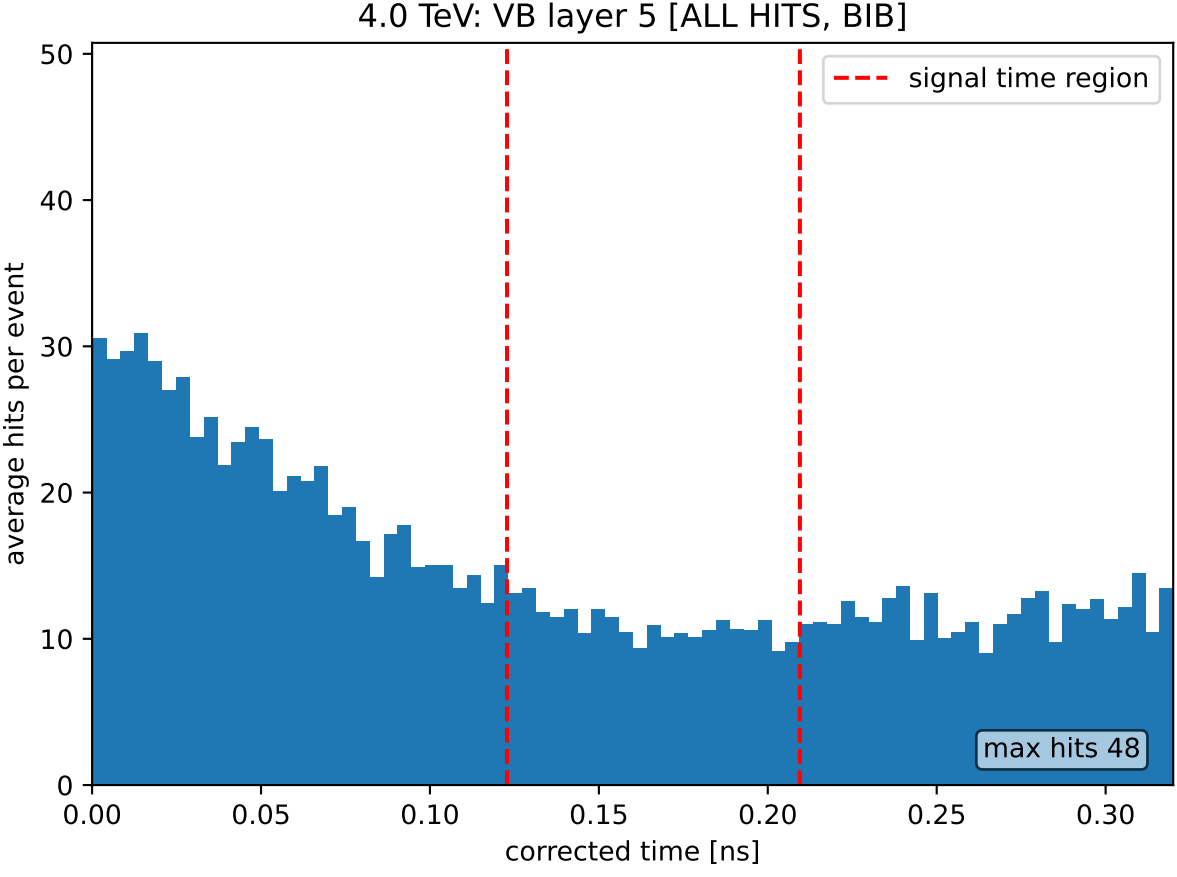
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.0 TeV: VB layer 3 [ALL HITS, BIB]
signal time region
max hits 50
average hits per event
corrected time [ns]
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.0 TeV: VB layer 4 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 51
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.0 TeV: VB layer 5 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 48
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10
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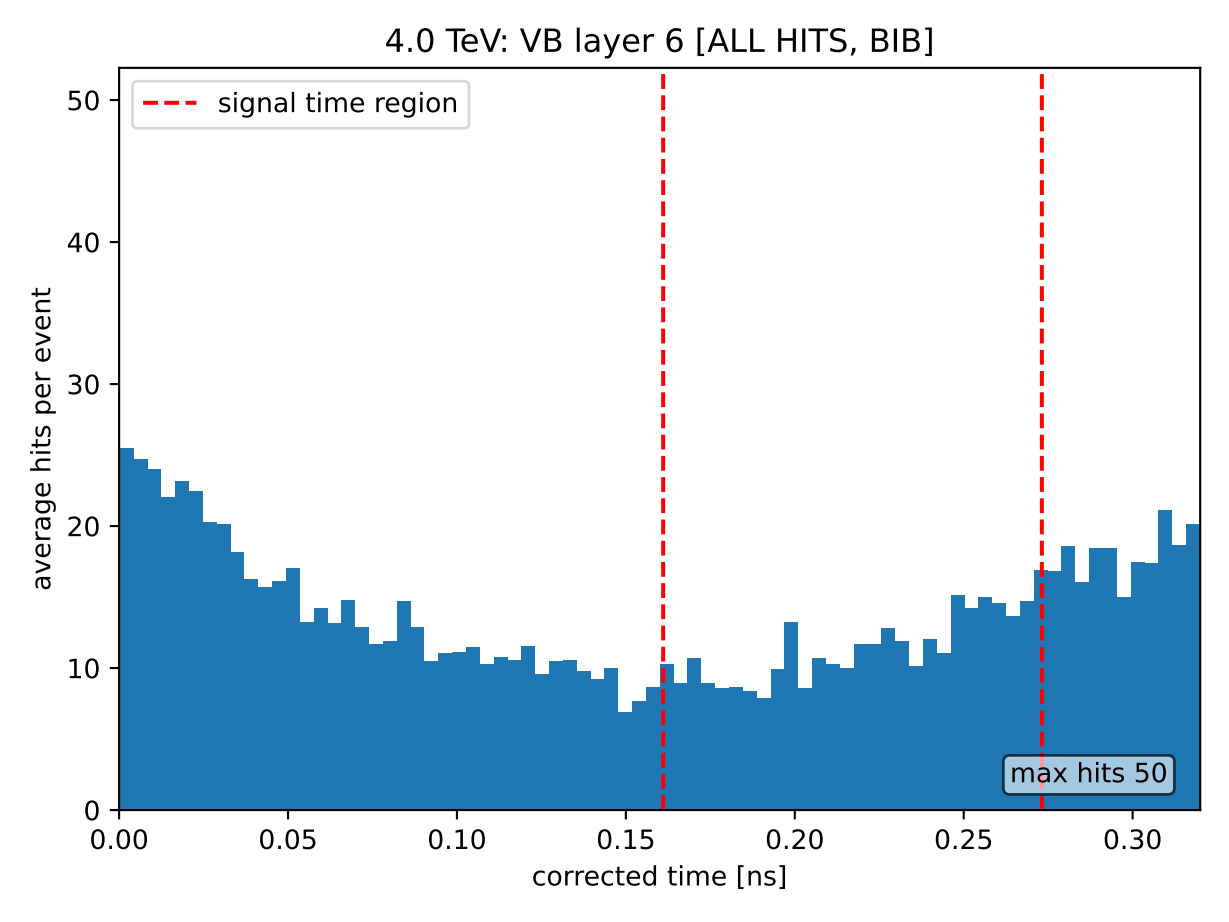
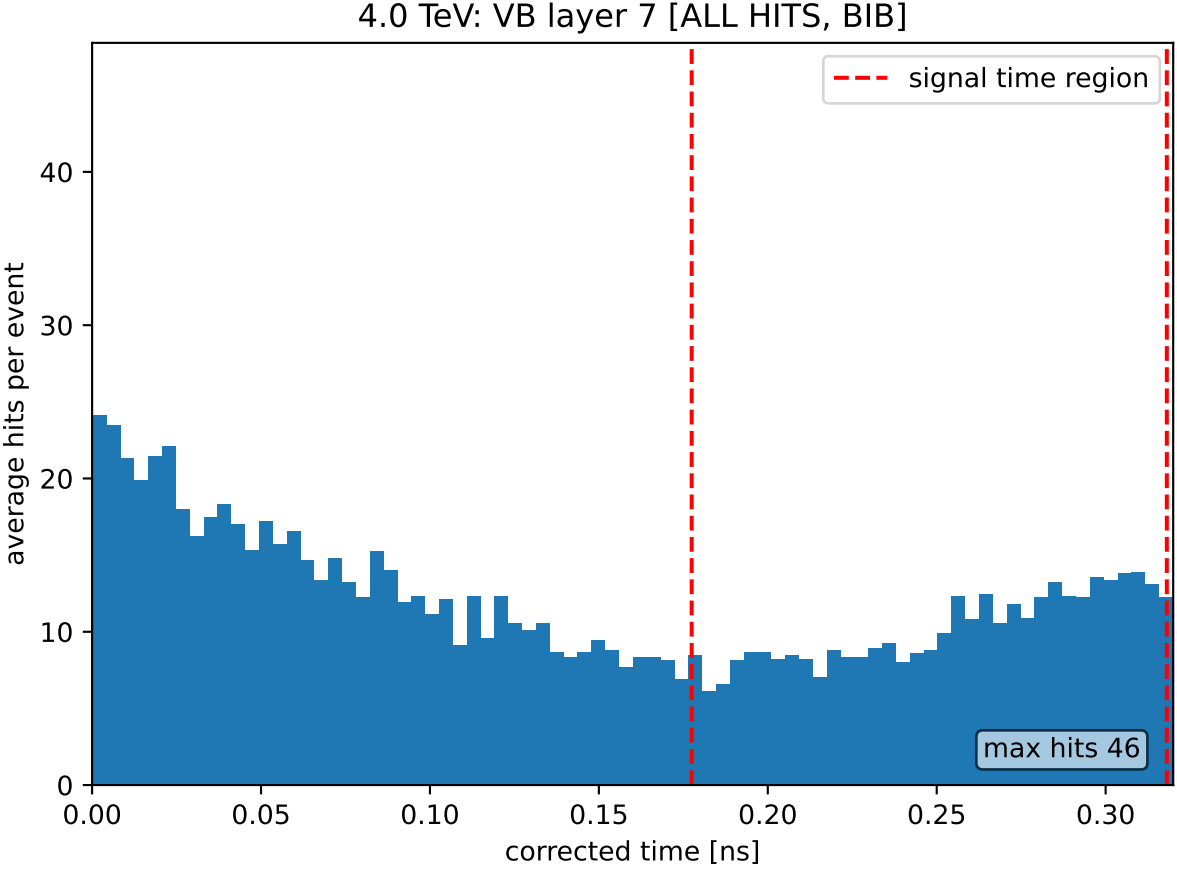
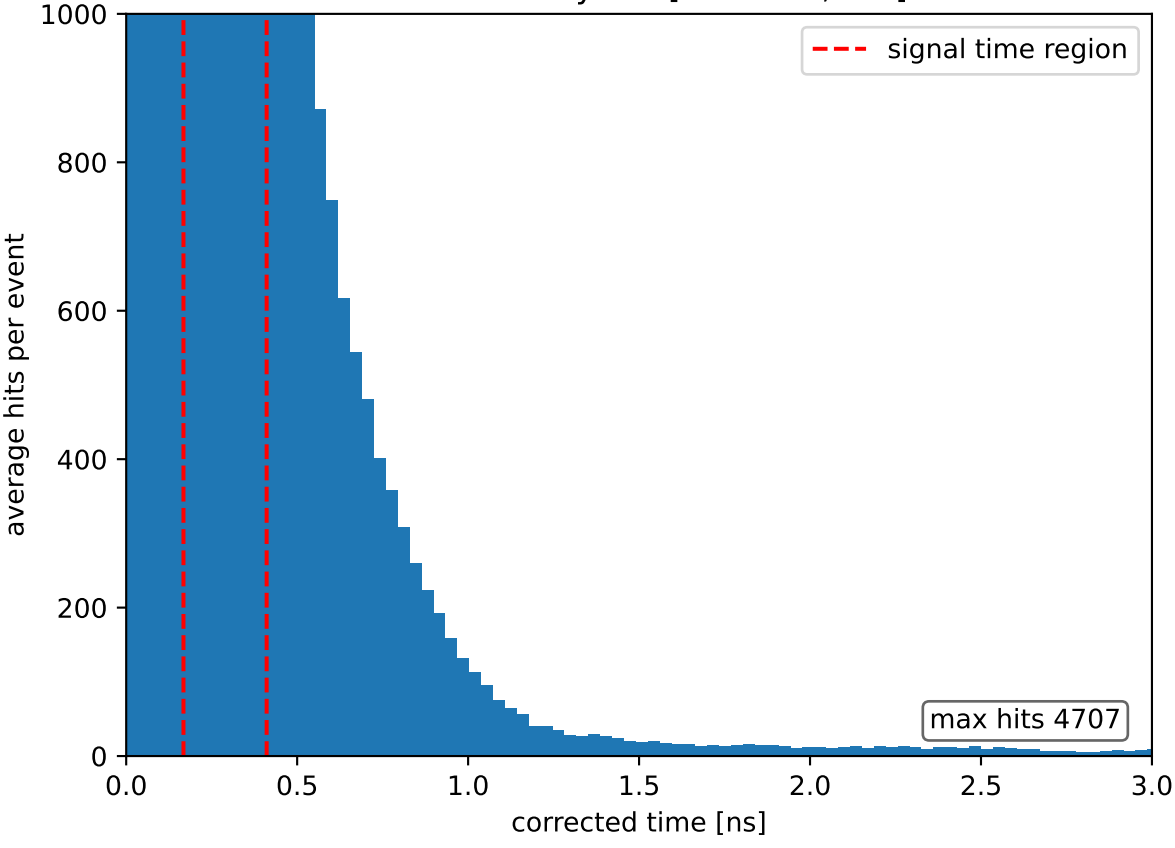
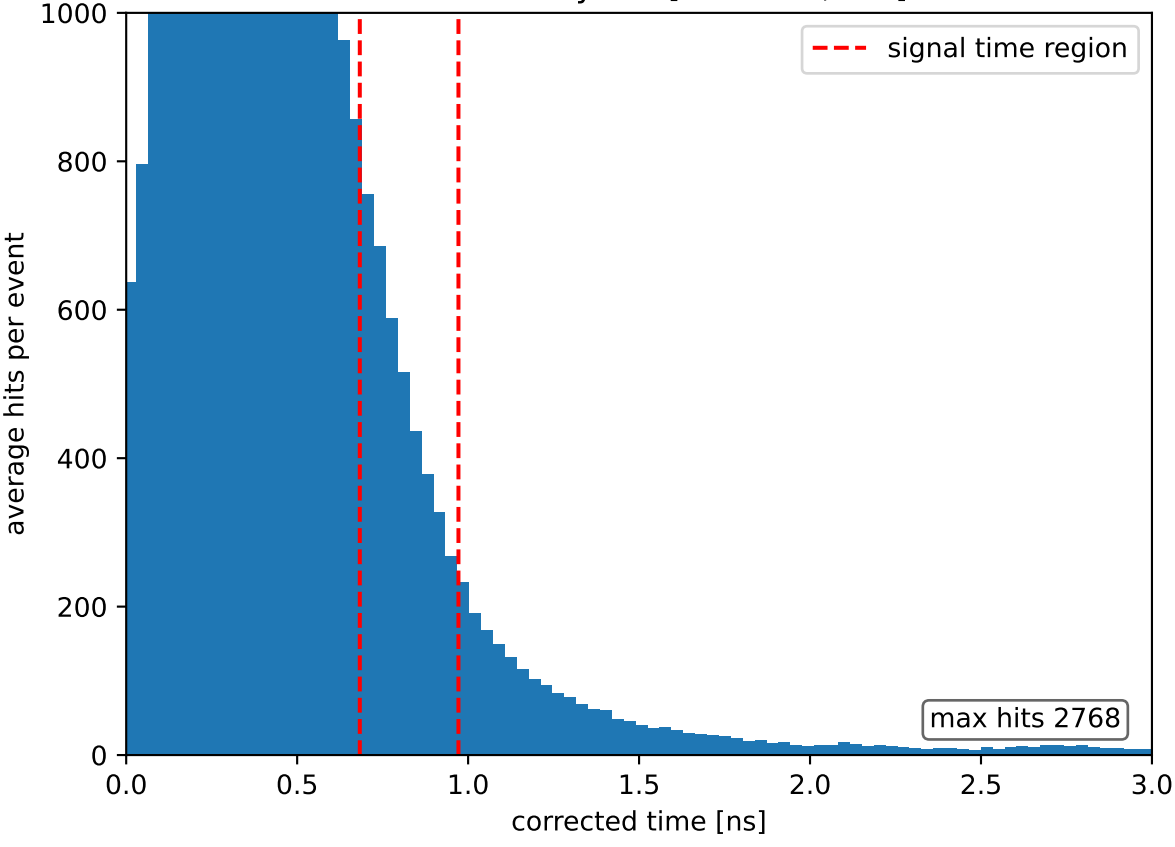
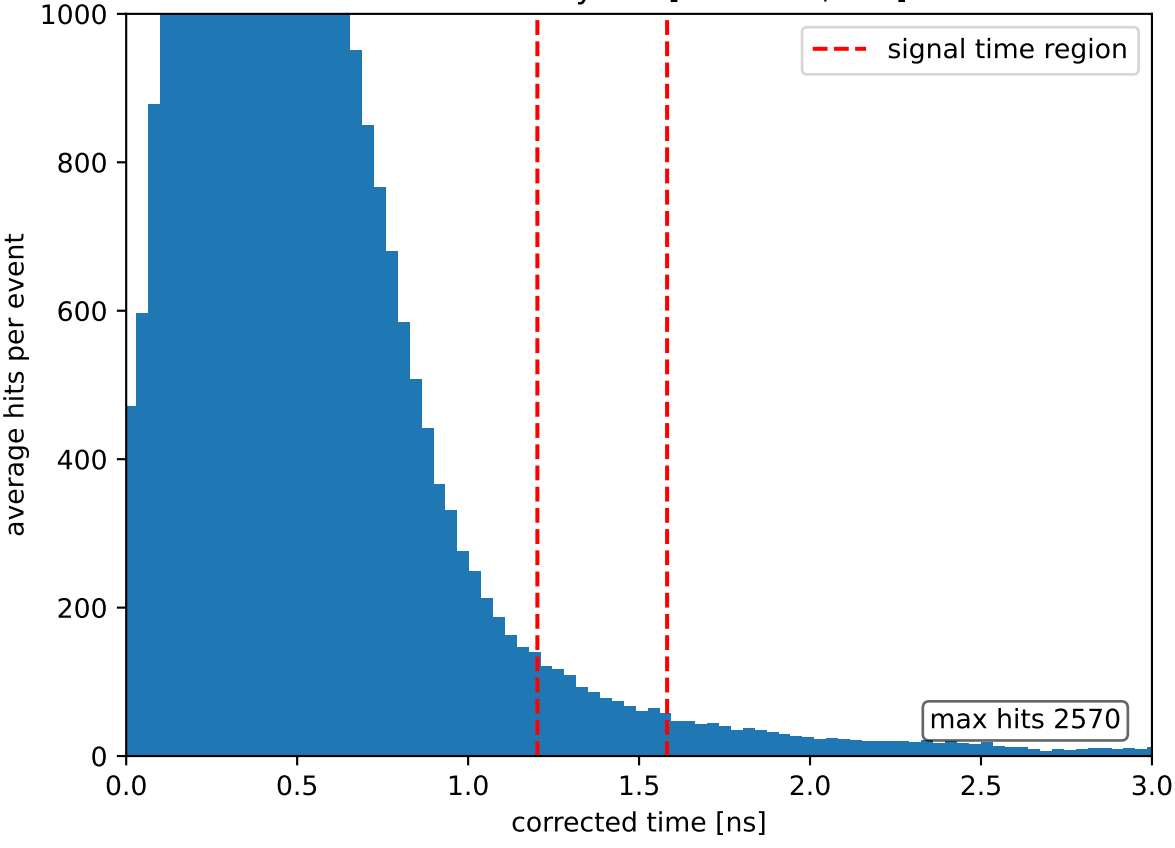
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30

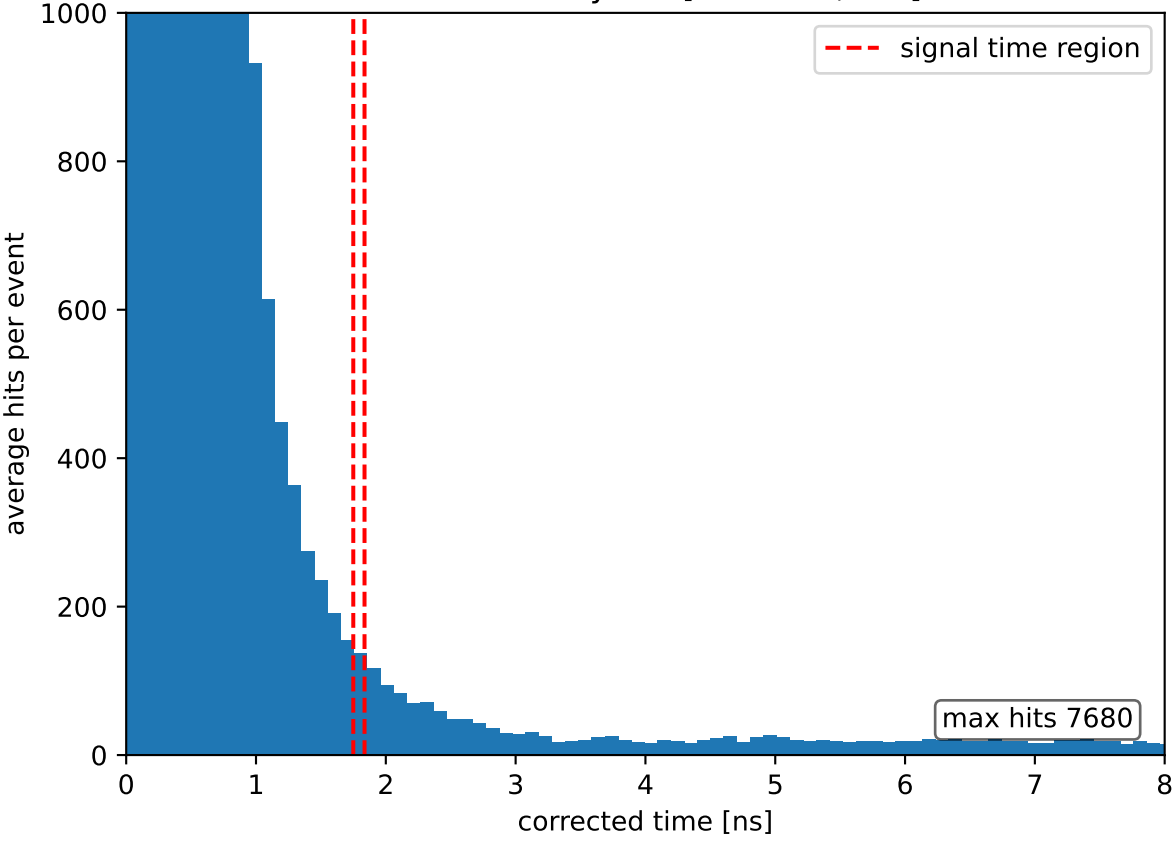

4.0 TeV: VB layer 6 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 50
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30

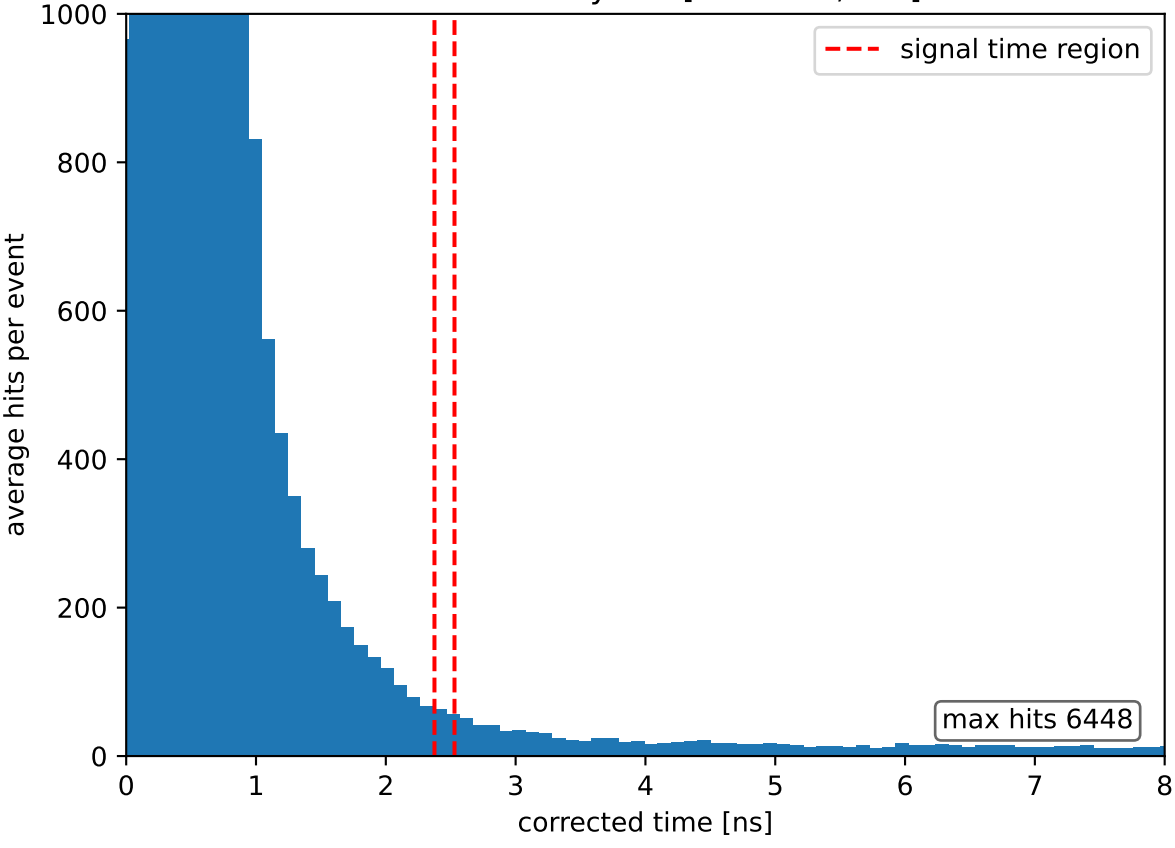

4.0 TeV: VB layer 7 [ALL HITS, BIB]
signal time region
max hits 46
average hits per event
corrected time [ns]
0
10
20
30
40
0.00
0.05
0.10
0.15
0.20
0.25
0.30

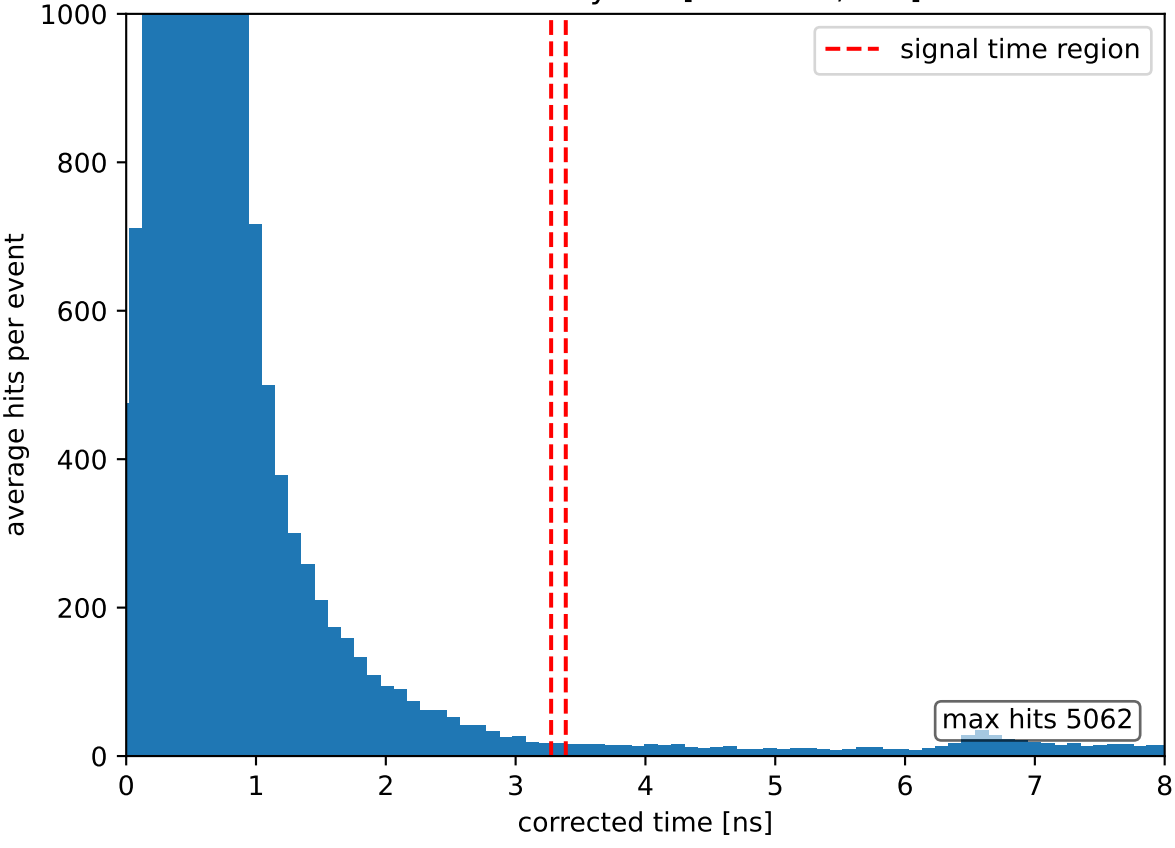

4.0 TeV: IB layer 0 [ALL HITS, BIB]
signal time region
max hits 4707
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

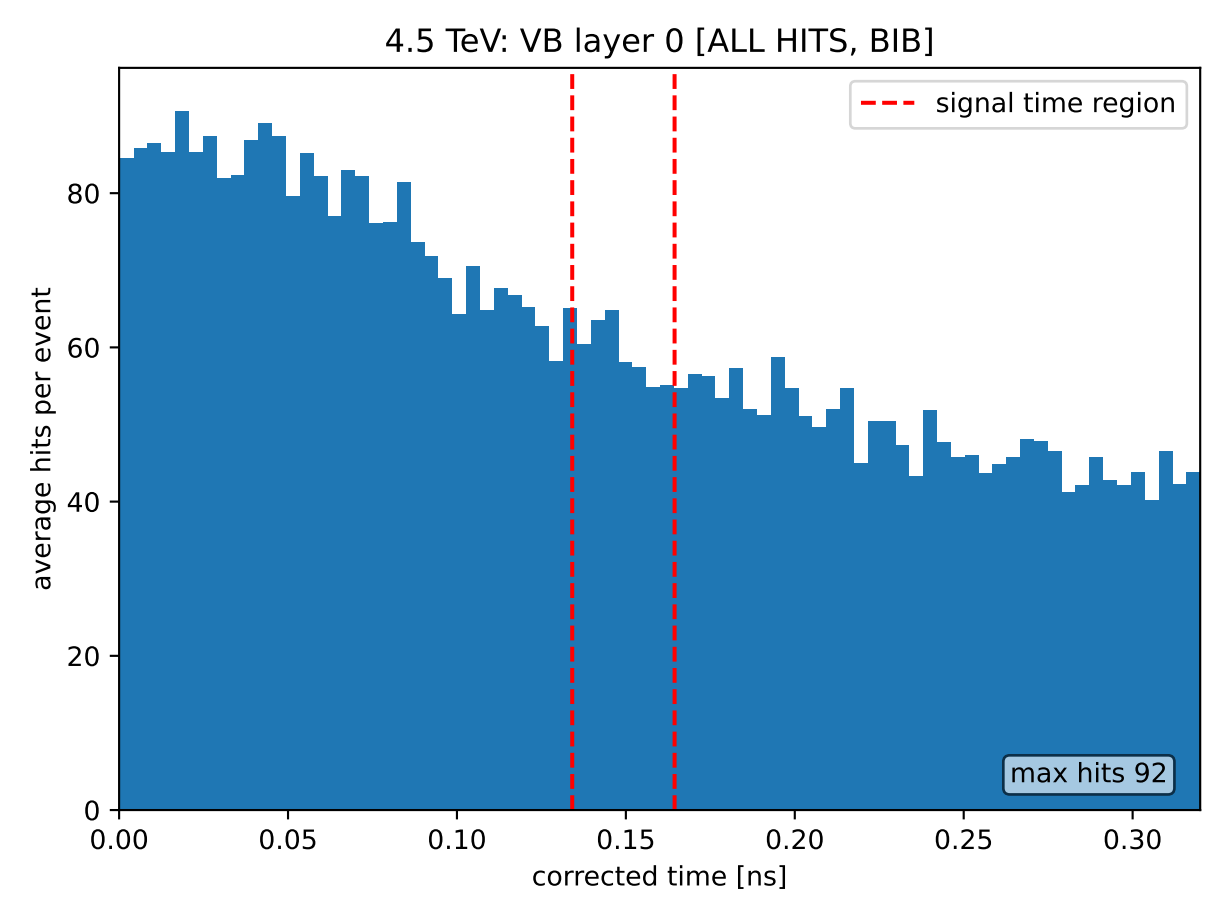

4.0 TeV: IB layer 1 [ALL HITS, BIB]
signal time region
max hits 2768
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

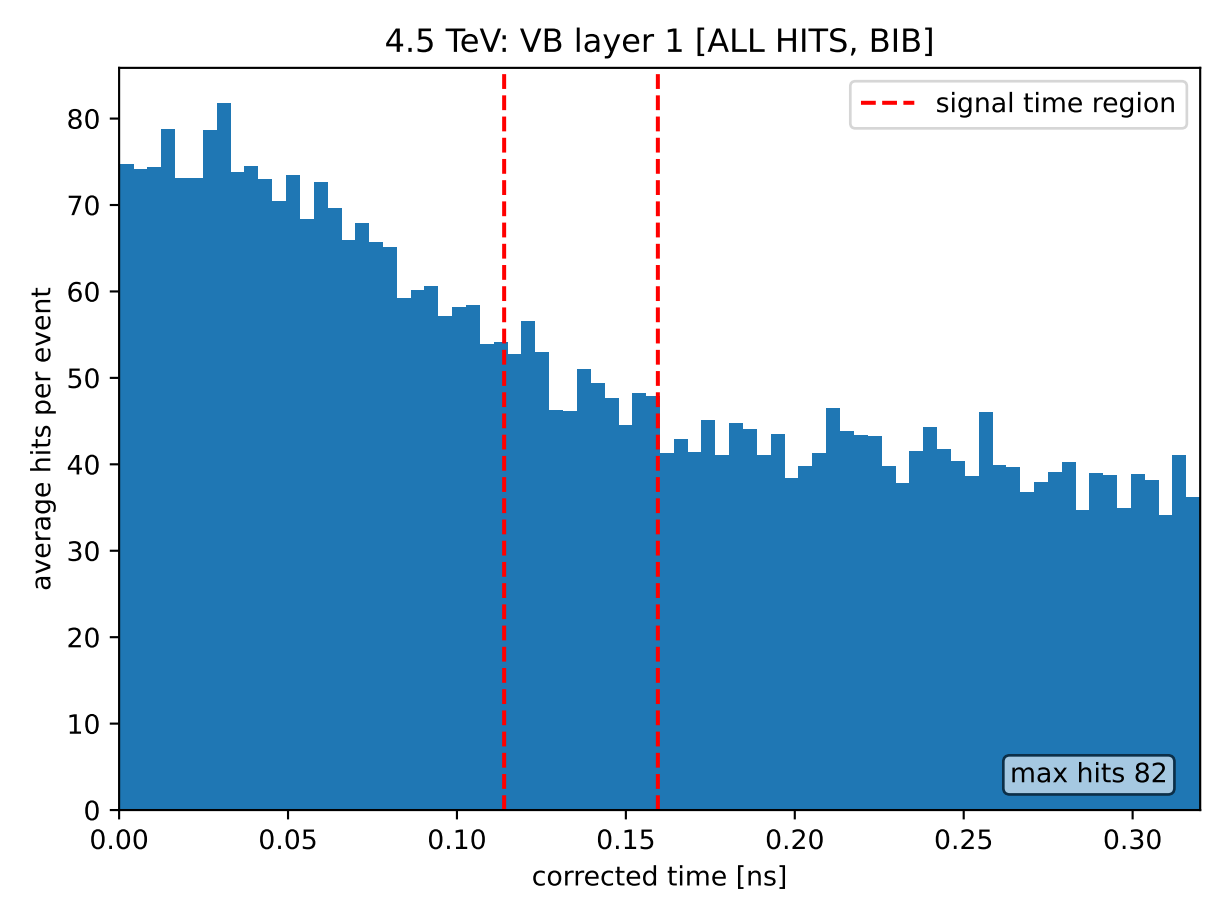

4.0 TeV: IB layer 2 [ALL HITS, BIB]
signal time region
max hits 2570
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0

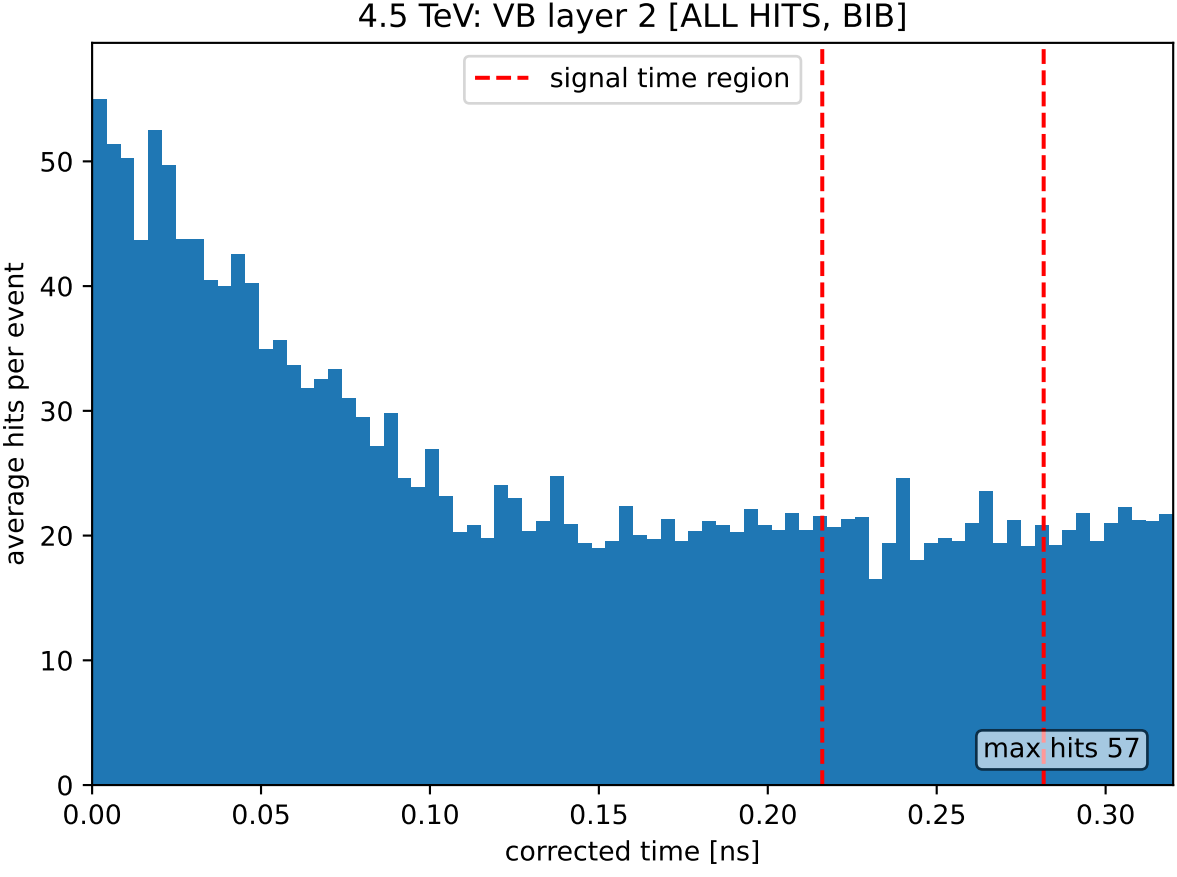

4.0 TeV: OB layer 0 [ALL HITS, BIB]
signal time region
max hits 7680
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8

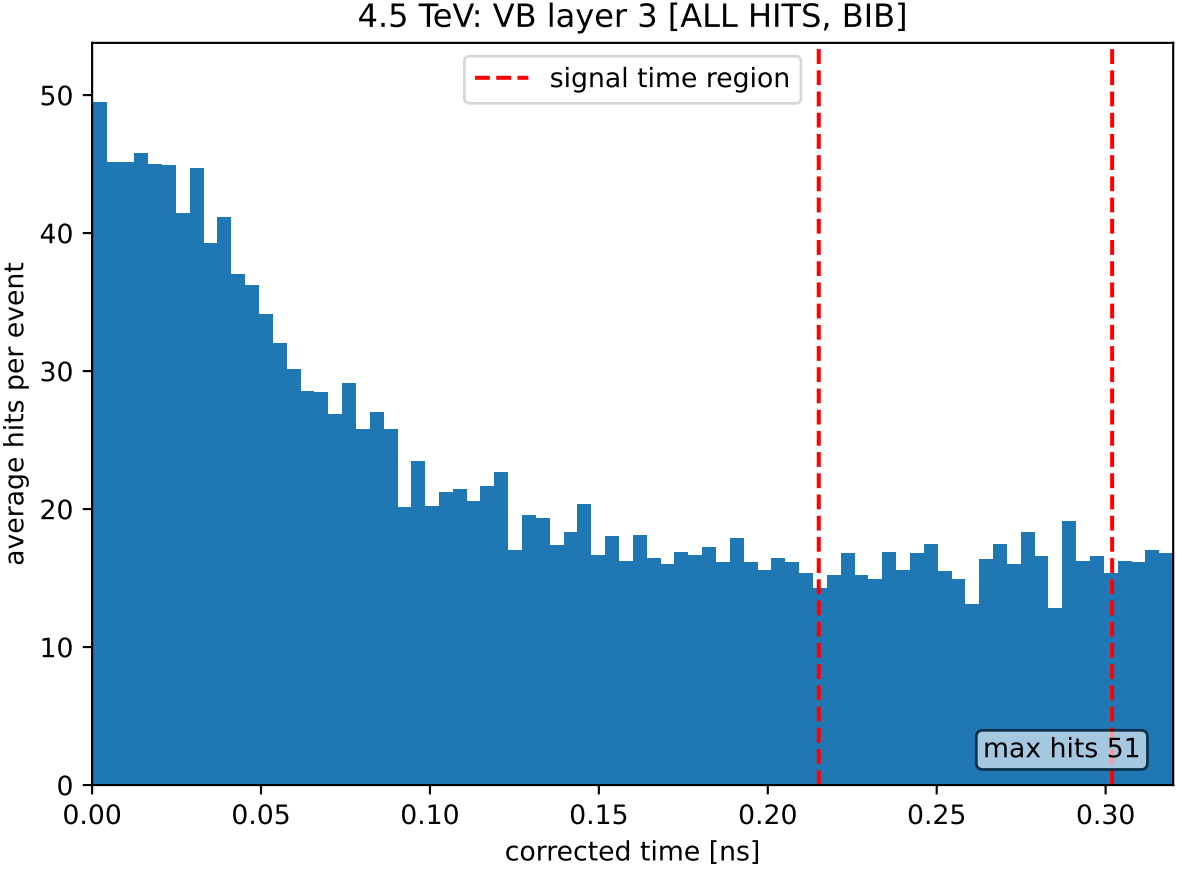

4.0 TeV: OB layer 1 [ALL HITS, BIB]
signal time region
max hits 6448
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8

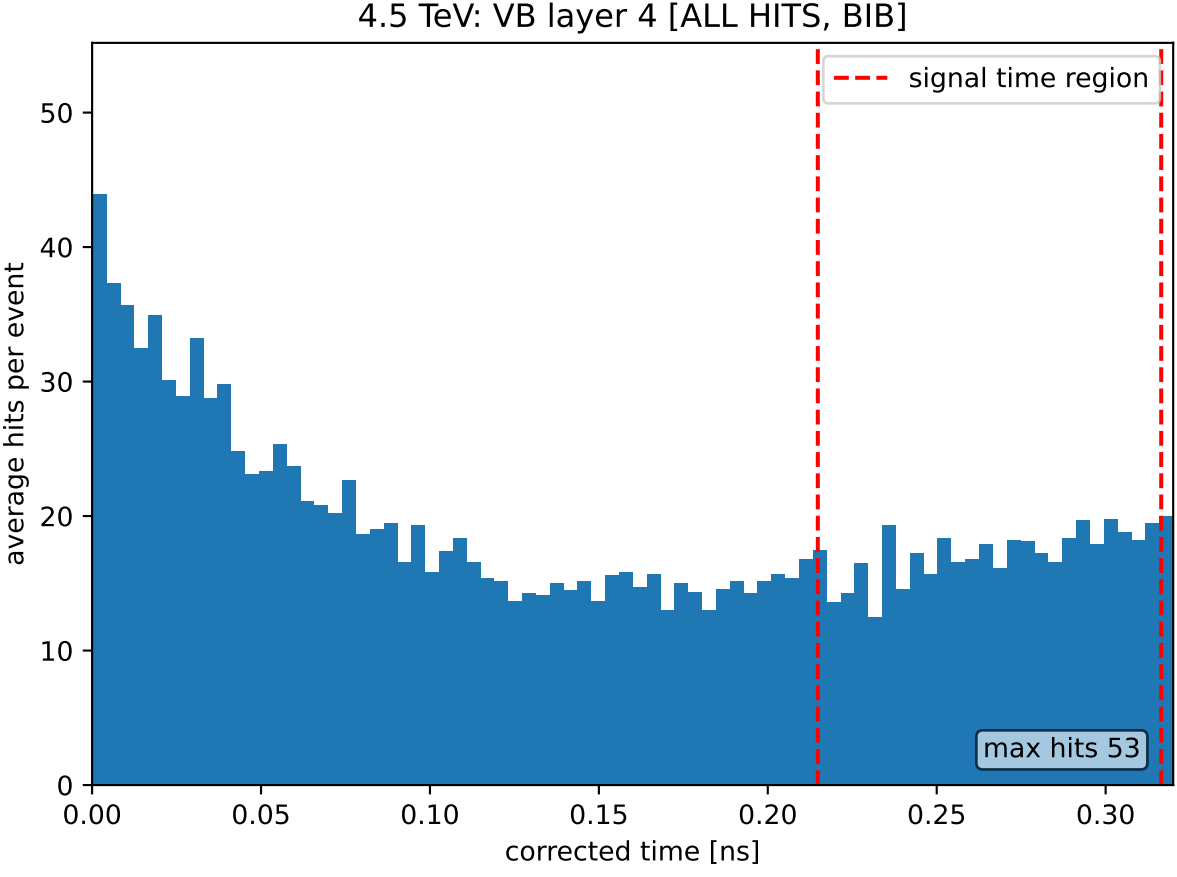

4.0 TeV: OB layer 2 [ALL HITS, BIB]
signal time region
max hits 5062
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8

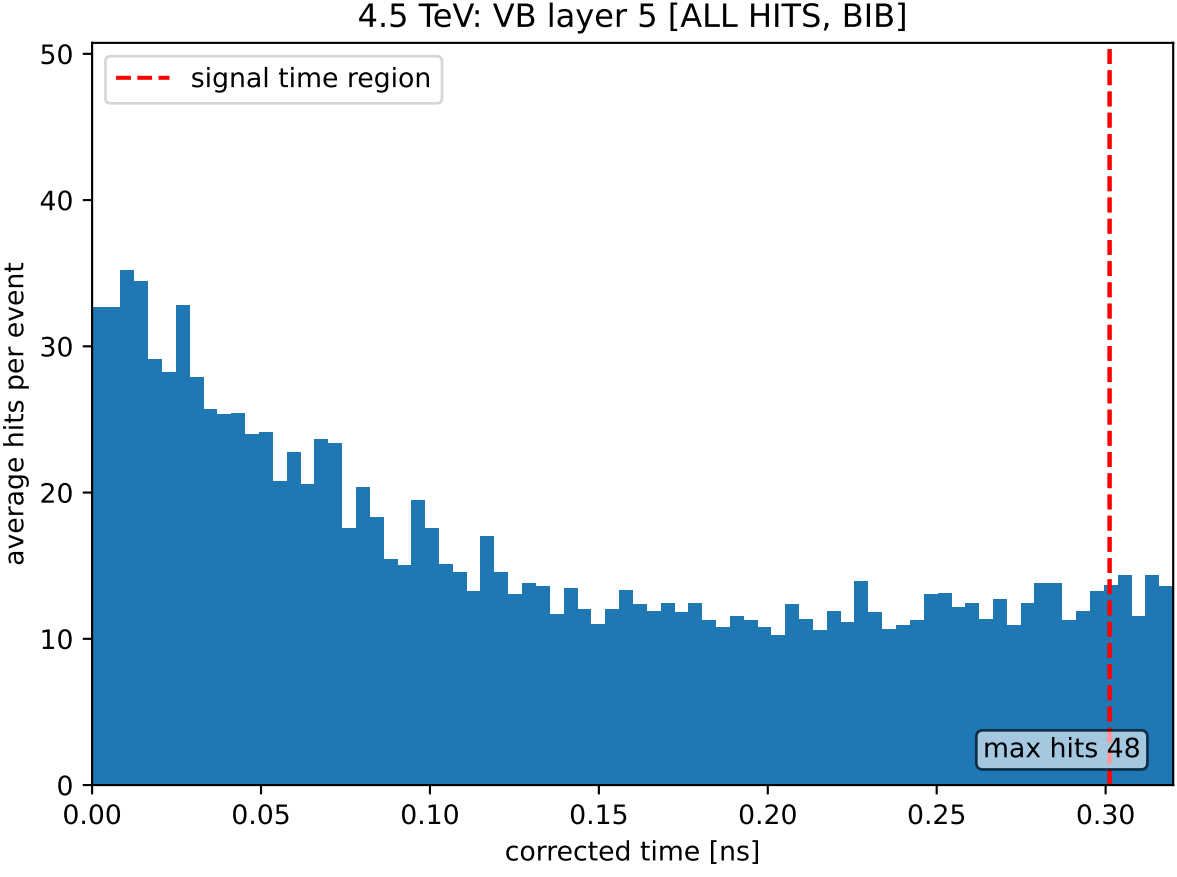

4.5 TeV: VB layer 0 [ALL HITS, BIB]
signal time region
max hits 92
average hits per event
corrected time [ns]
0
20
40
60
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30

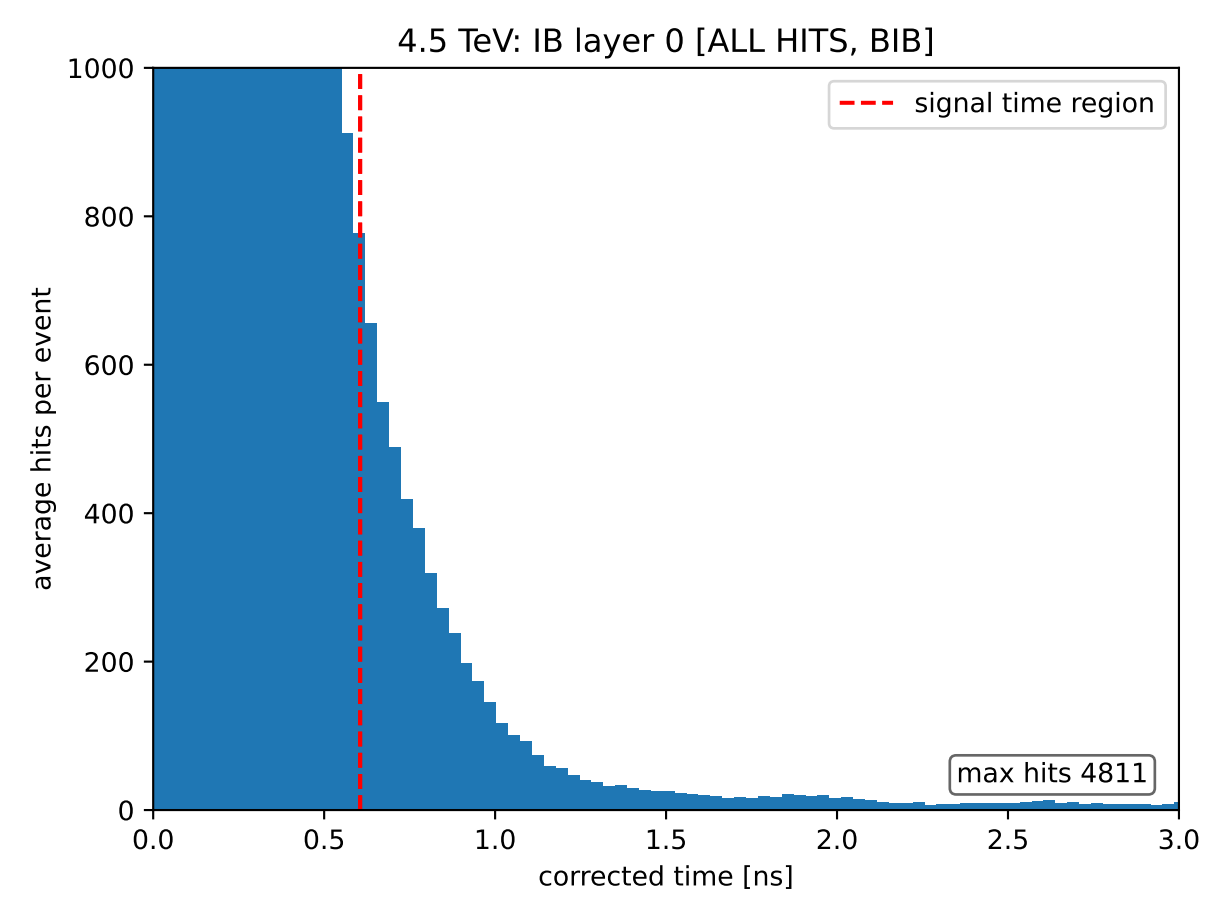

4.5 TeV: VB layer 1 [ALL HITS, BIB]
signal time region
max hits 82
average hits per event
corrected time [ns]
0
10
20
30
40
50
60
70
80
0.00
0.05
0.10
0.15
0.20
0.25
0.30

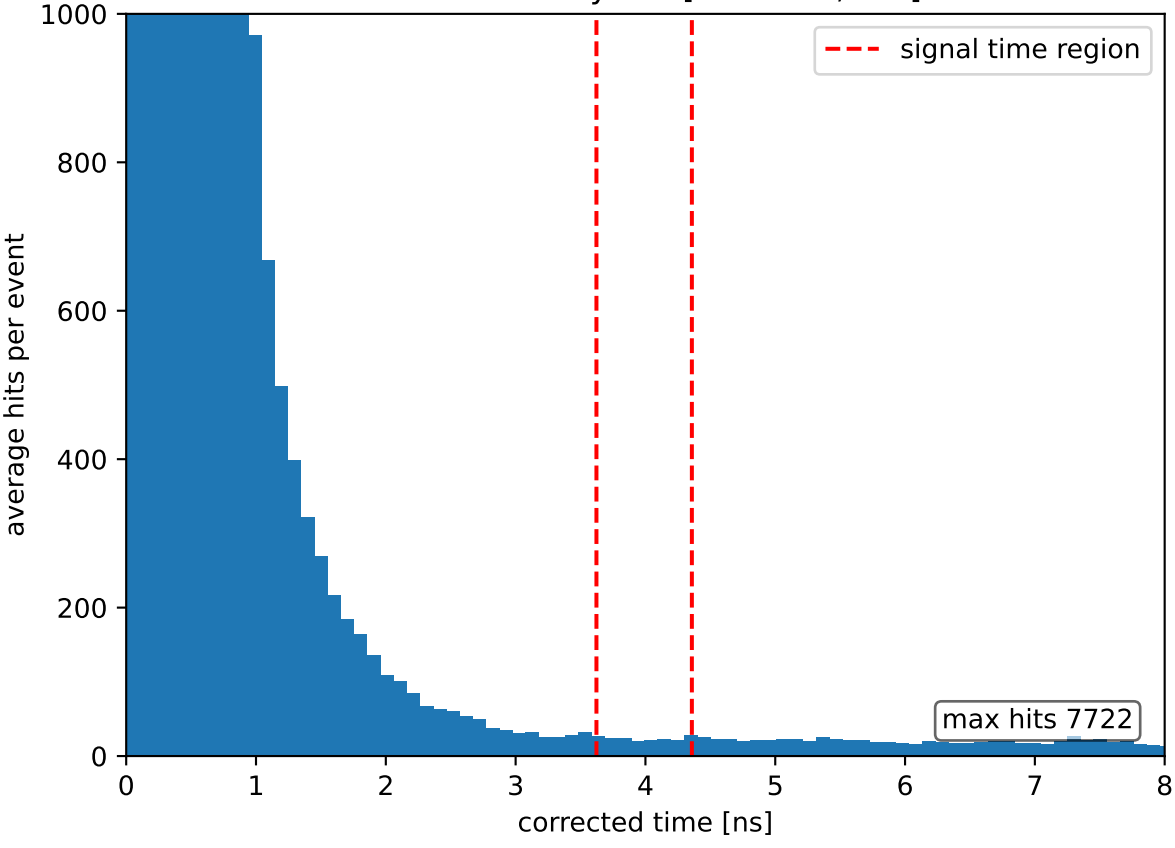

4.5 TeV: VB layer 2 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 57
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30

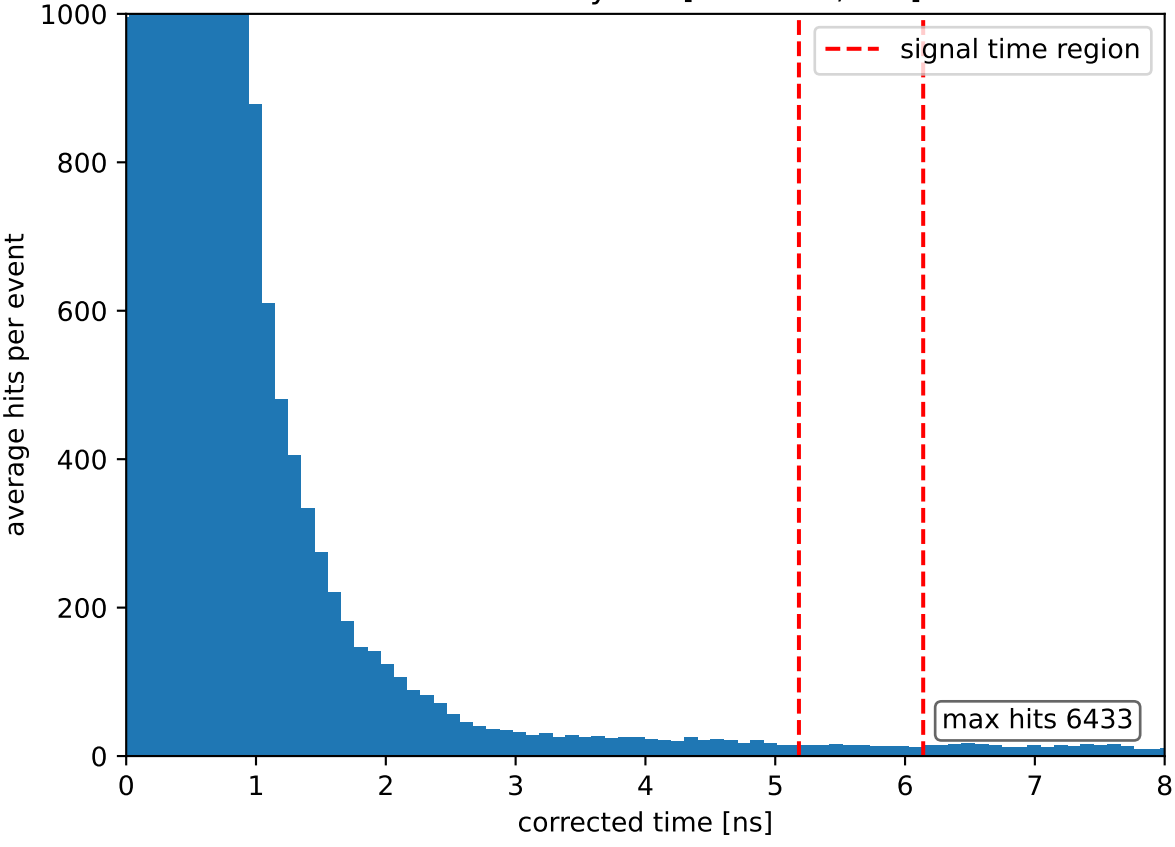

4.5 TeV: VB layer 3 [ALL HITS, BIB]
signal time region
average hits per event
corrected time [ns]
max hits 51
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30

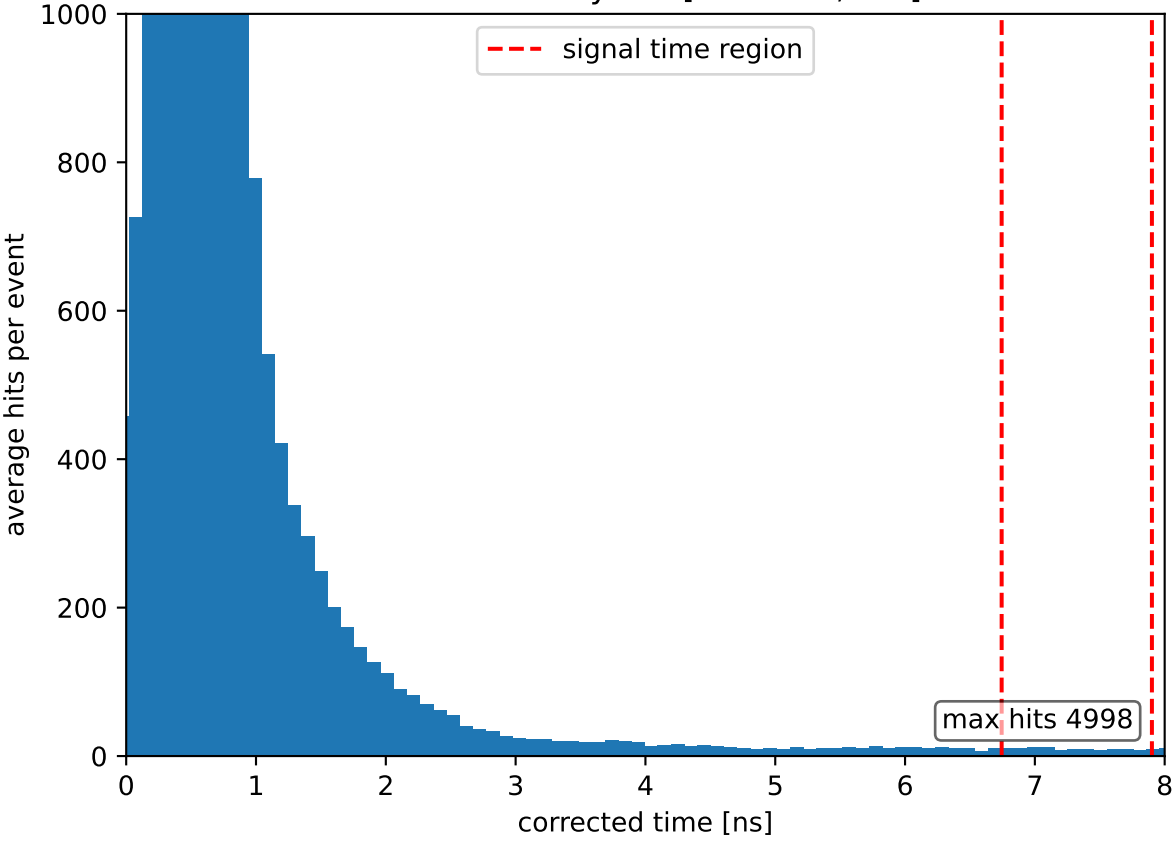

4.5 TeV: VB layer 4 [ALL HITS, BIB]
signal time region
max hits 53
average hits per event
corrected time [ns]
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.5 TeV: VB layer 5 [ALL HITS, BIB]
signal time region
max hits 48
average hits per event
corrected time [ns]
0
10
20
30
40
50
0.00
0.05
0.10
0.15
0.20
0.25
0.30


4.5 TeV: IB layer 0 [ALL HITS, BIB]
signal time region
max hits 4811
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0.0
0.5
1.0
1.5
2.0
2.5
3.0


4.5 TeV: OB layer 0 [ALL HITS, BIB]
signal time region
max hits 7722
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


4.5 TeV: OB layer 1 [ALL HITS, BIB]
signal time region
max hits 6433
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8


4.5 TeV: OB layer 2 [ALL HITS, BIB]
signal time region
max. hits 4998
average hits per event
corrected time [ns]
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8