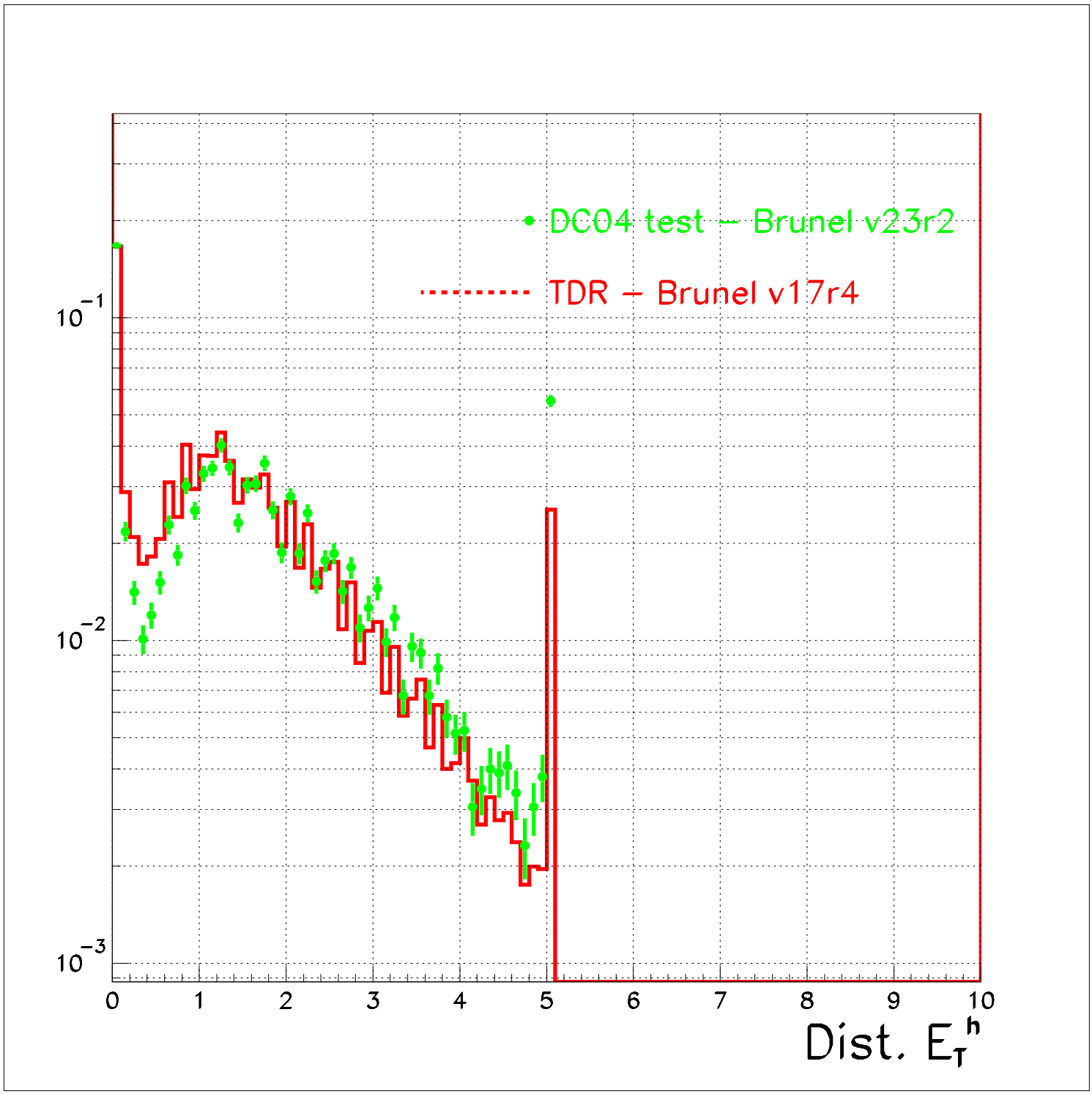
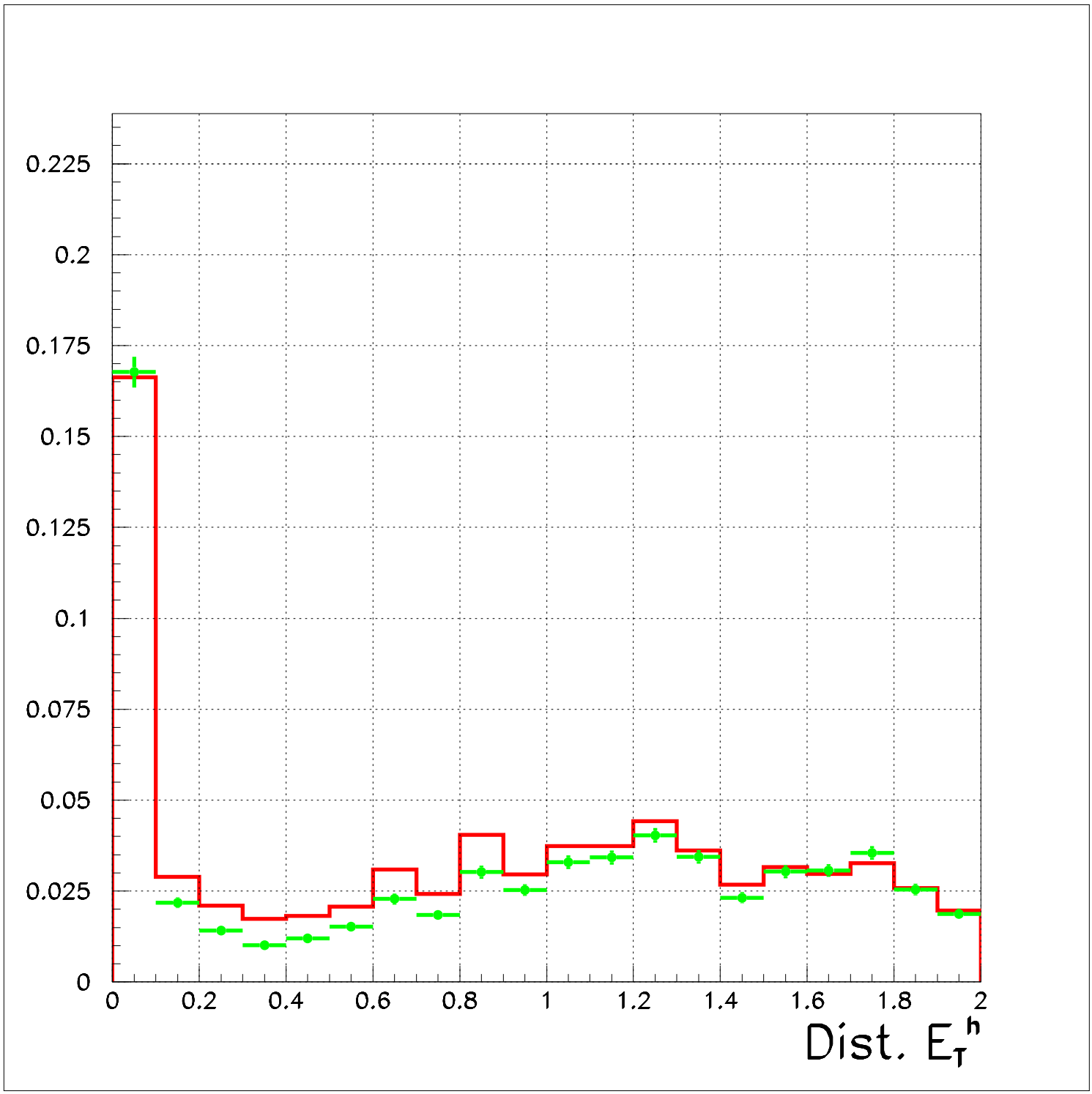
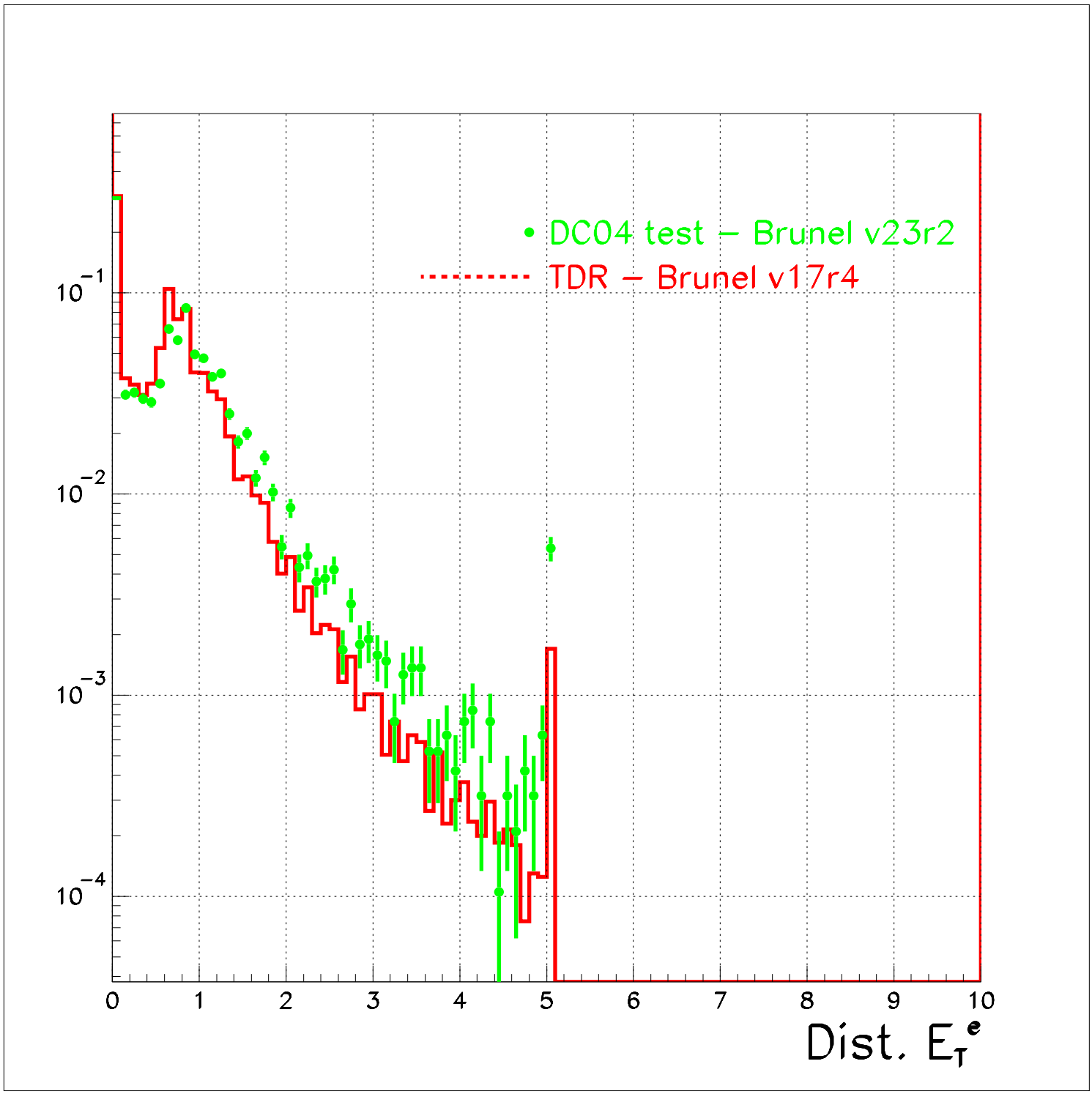
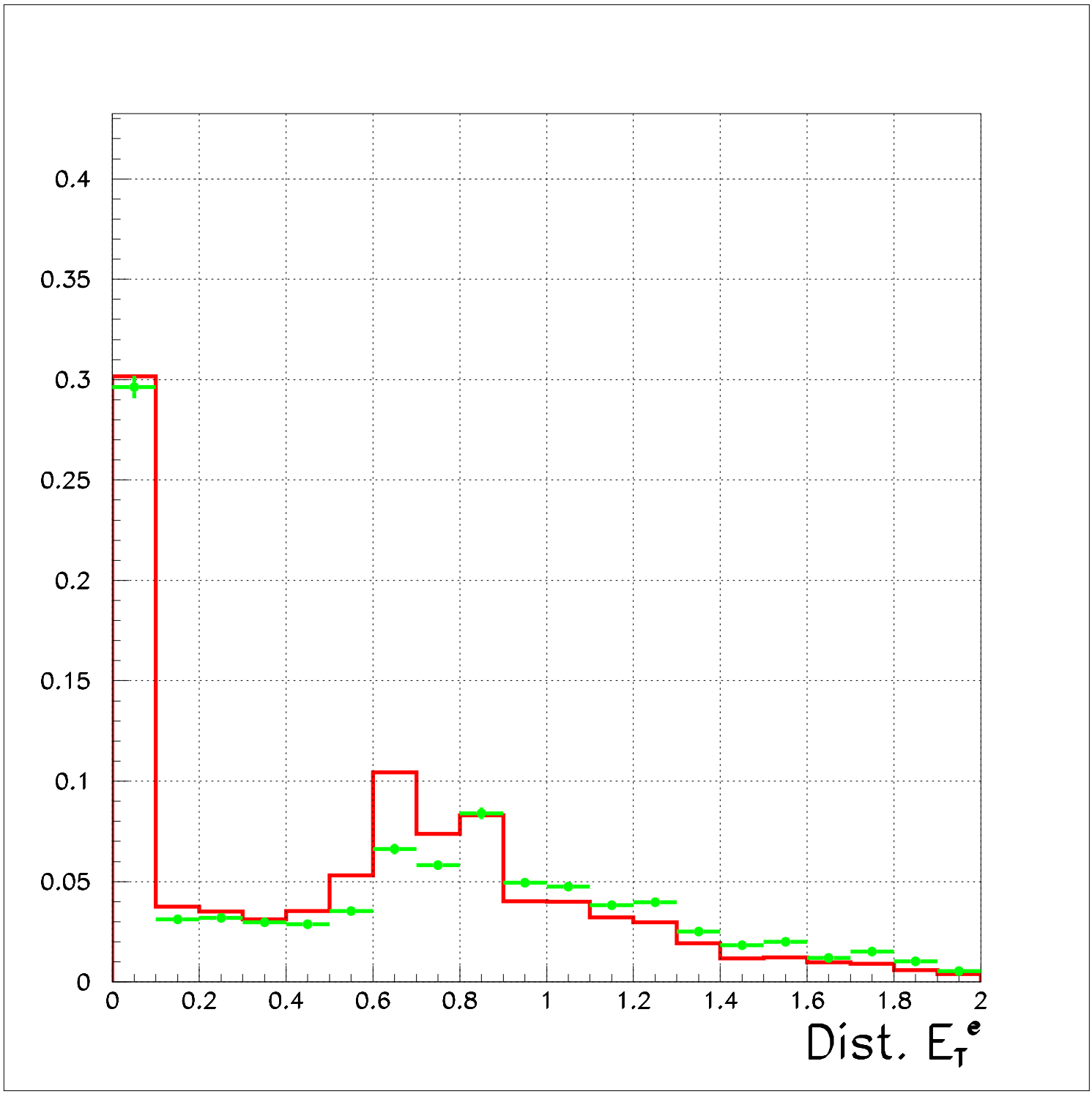
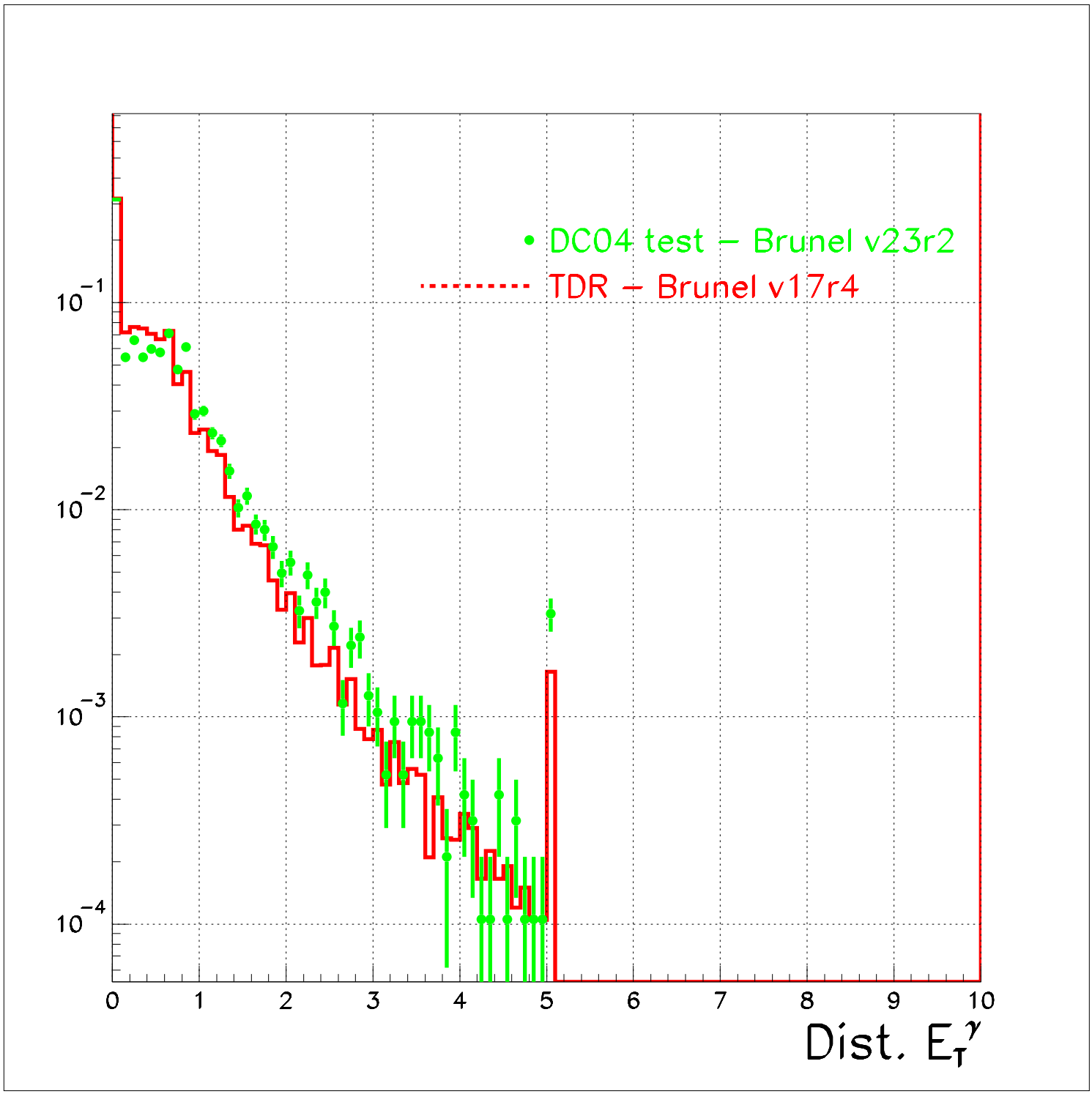
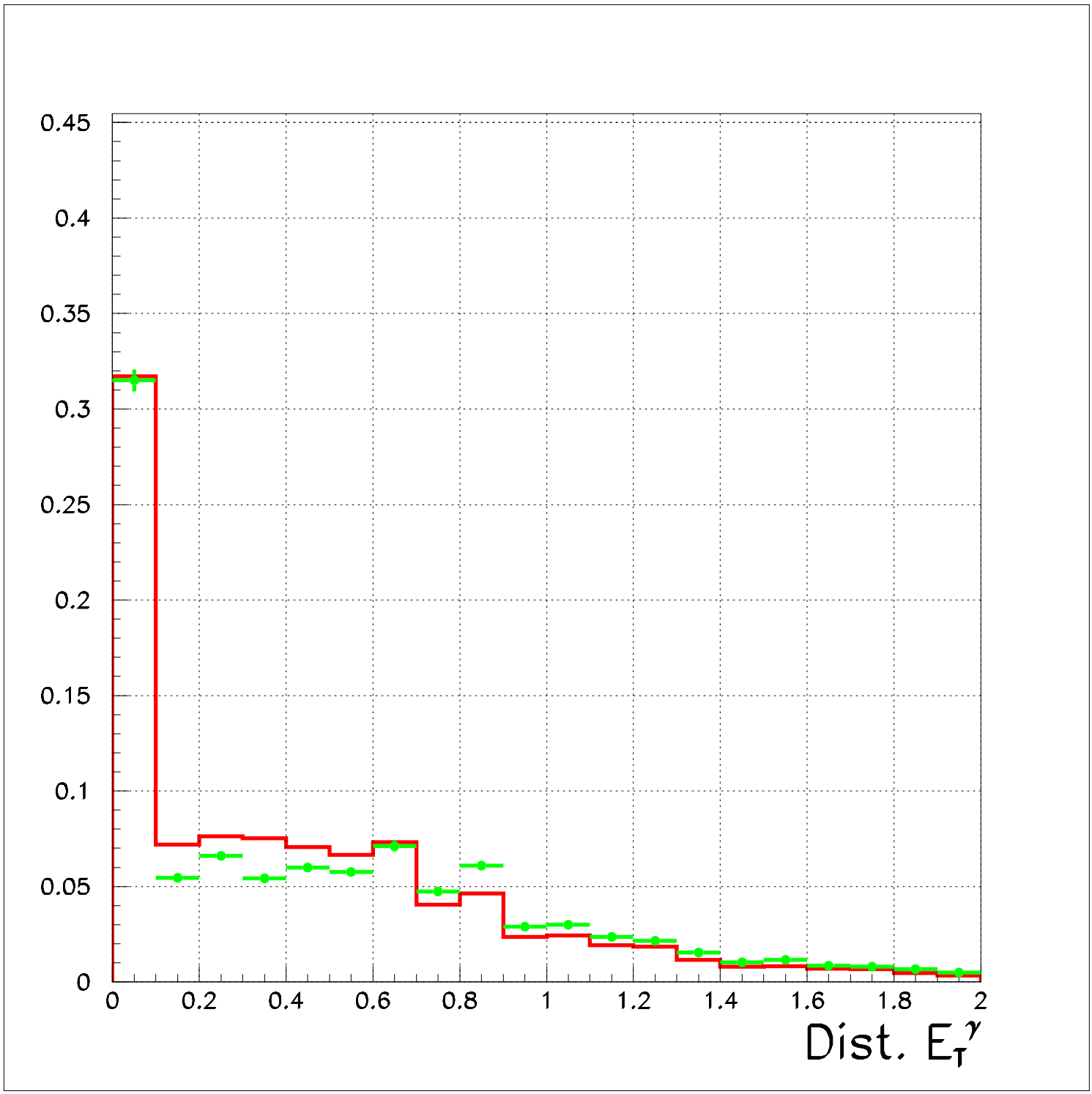

DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^{-1}
10^{-2}
10^{-3}
0
1
2
3
4
5
6
7
8
9
10
Dist. E_T^h

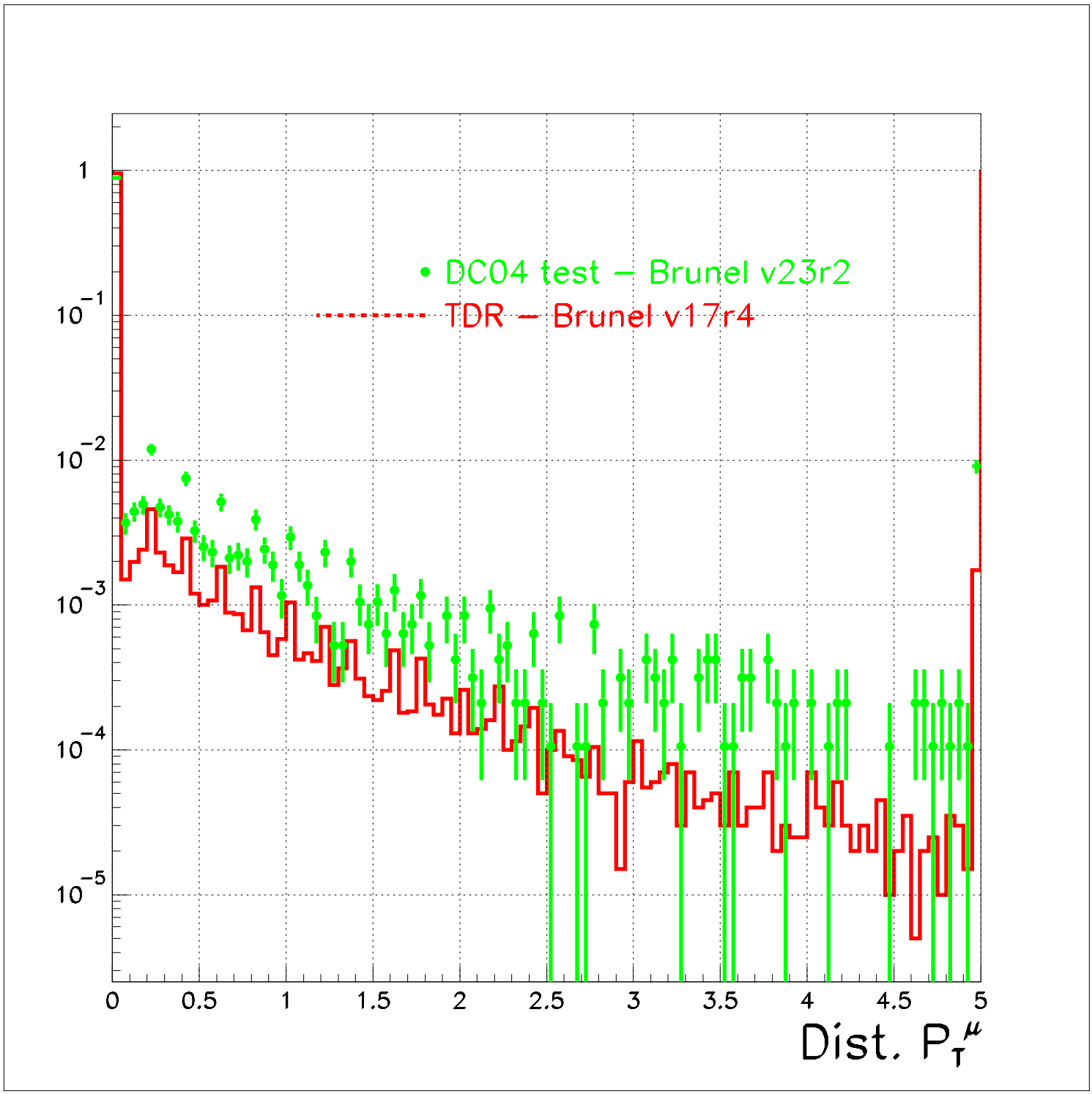

0.225
0.2
0.175
0.15
0.125
0.1
0.075
0.05
0.025
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Dist. E_T^h

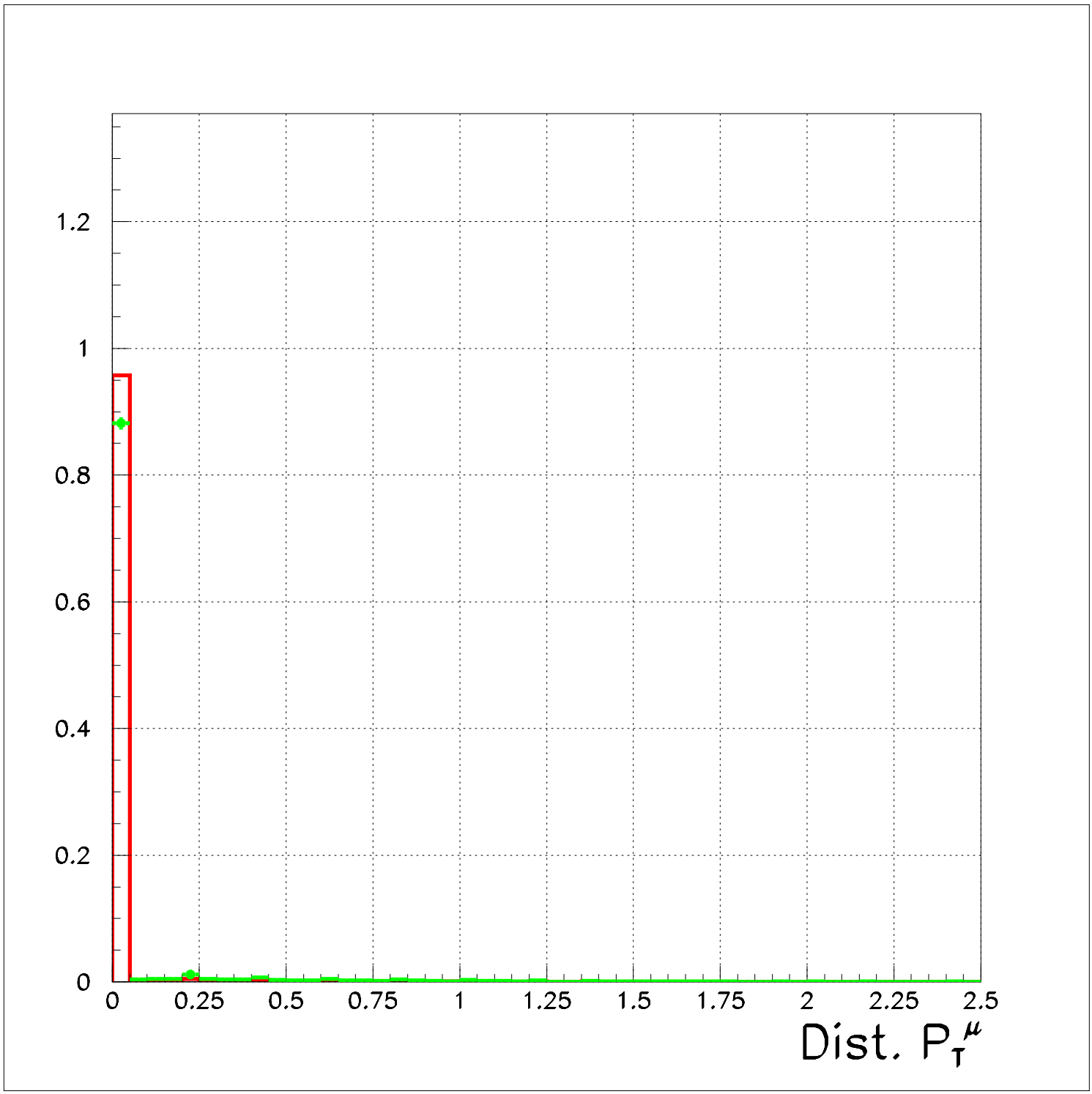

DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
1
2
3
4
5
6
7
8
9
10
Dist. E_T^e

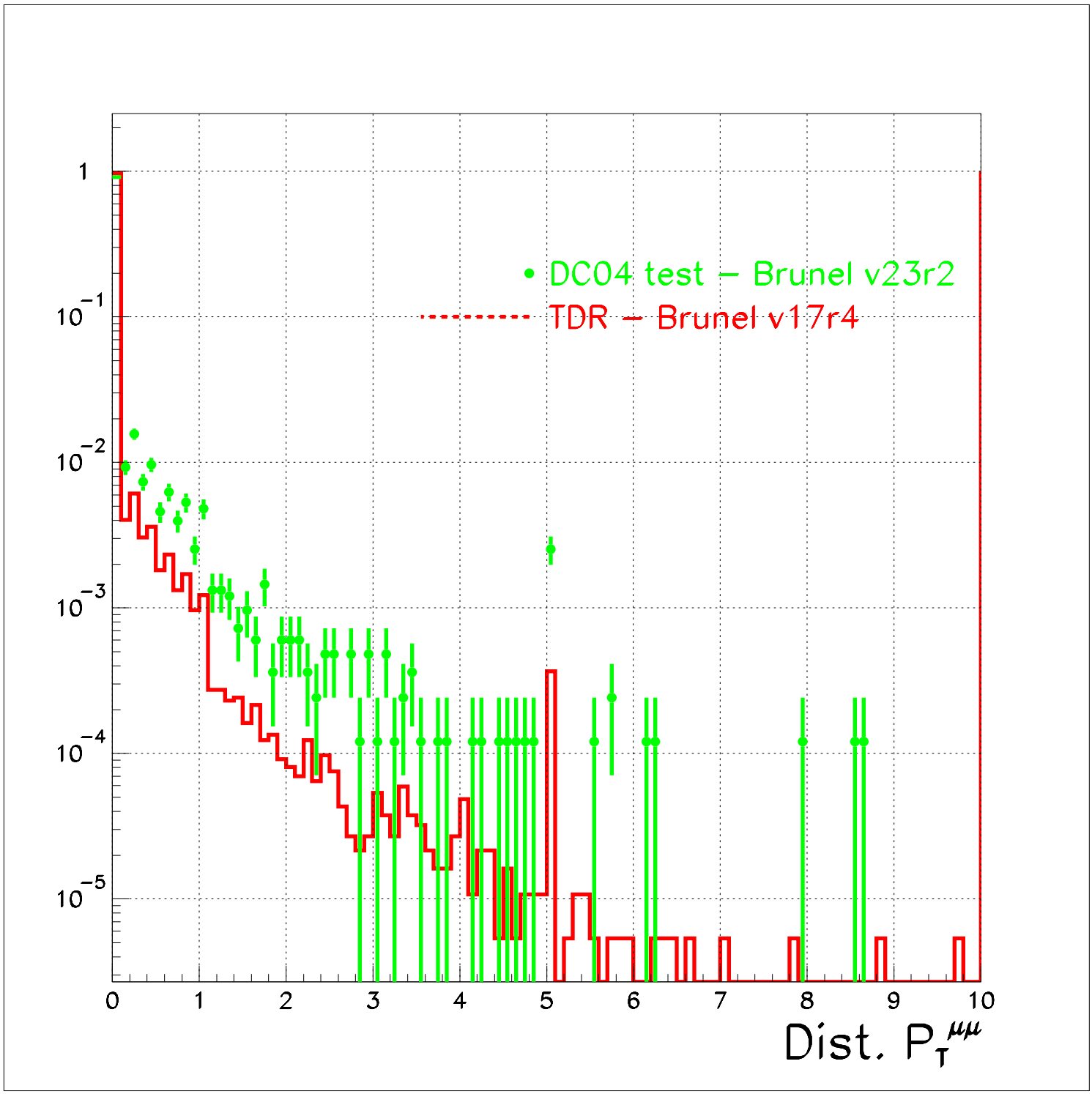

0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Dist. E_T^e

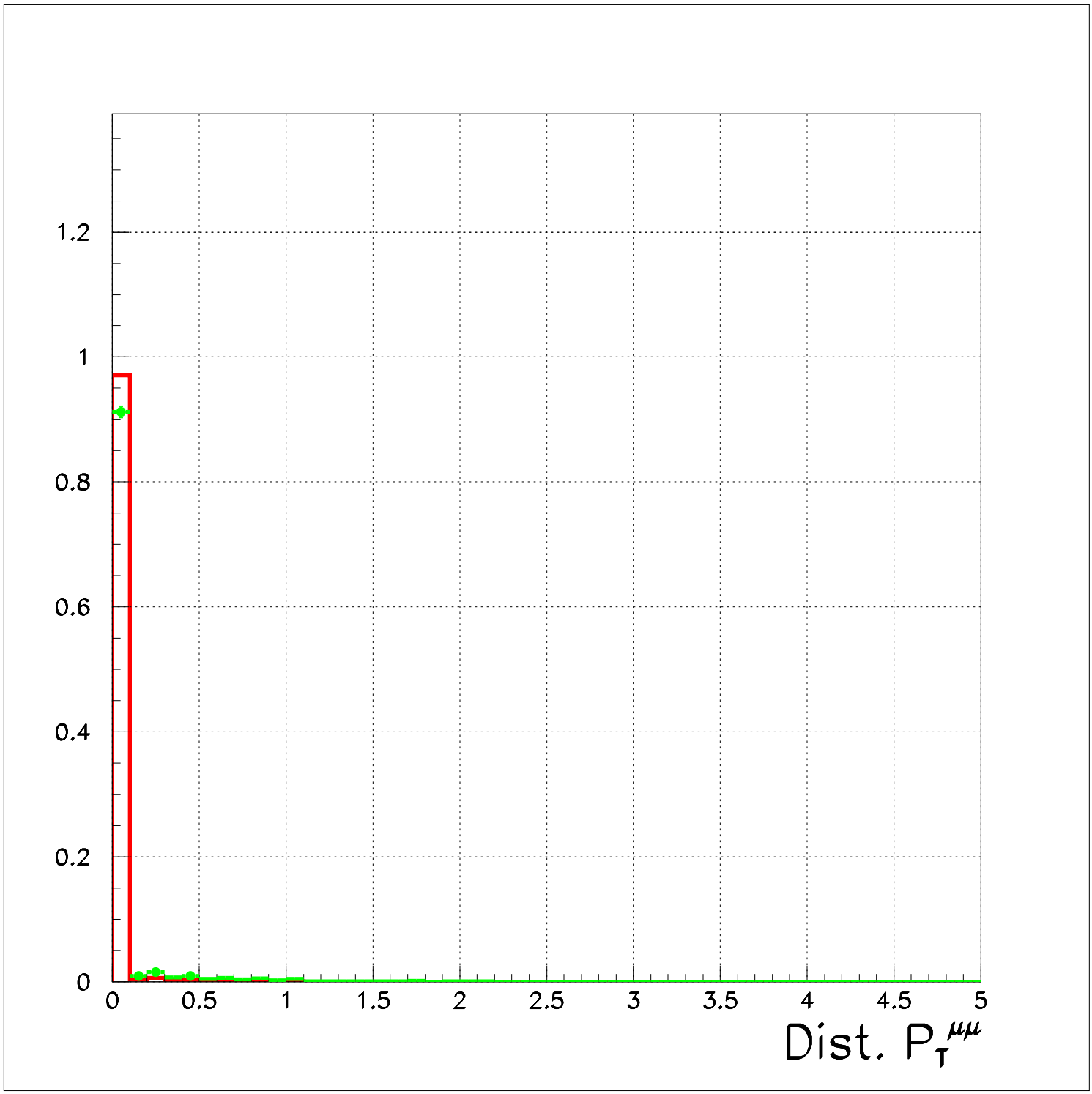

DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
1
2
3
4
5
6
7
8
9
10
Dist. E_T^{γ}

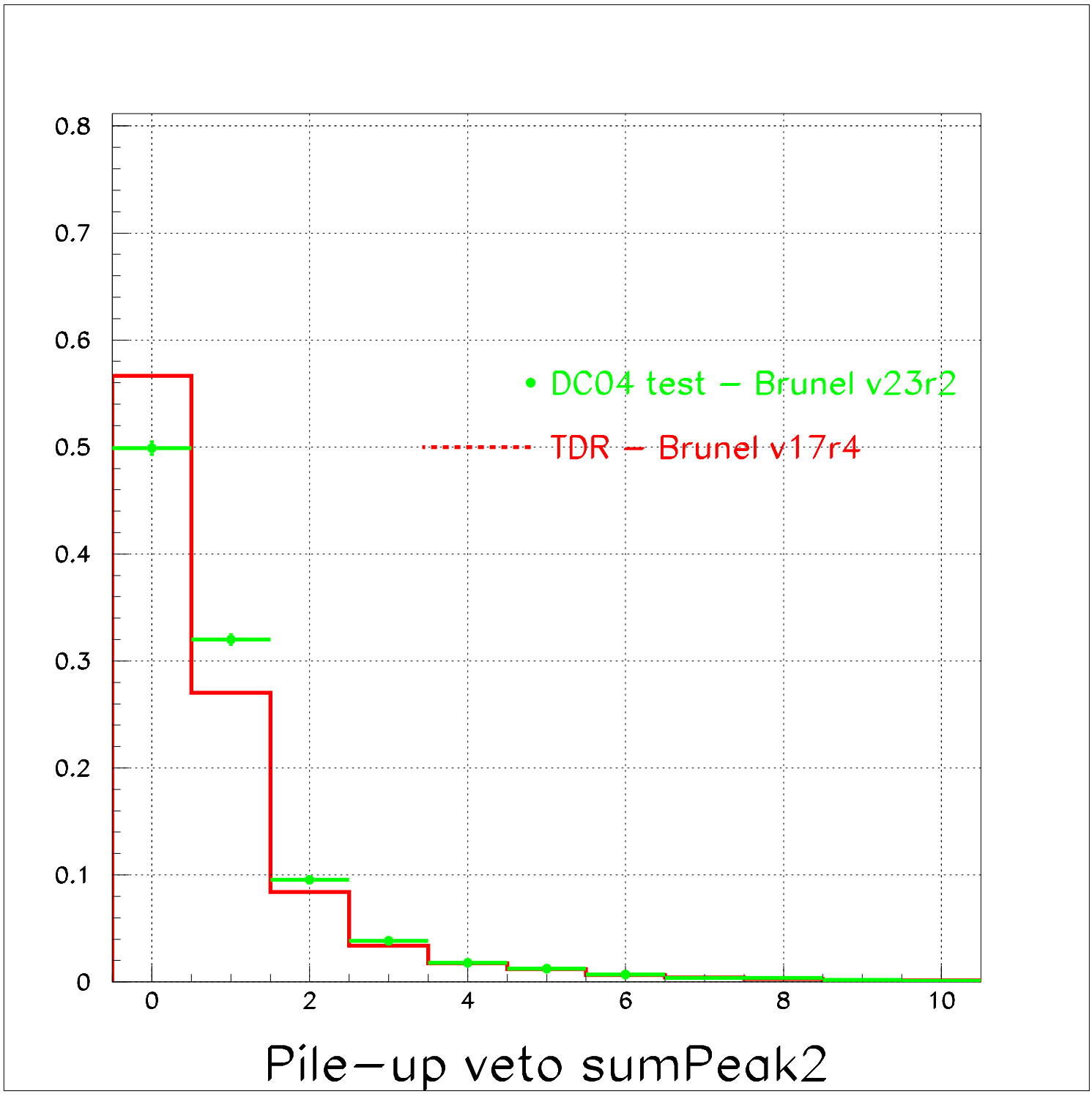

0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Dist. E_T^γ

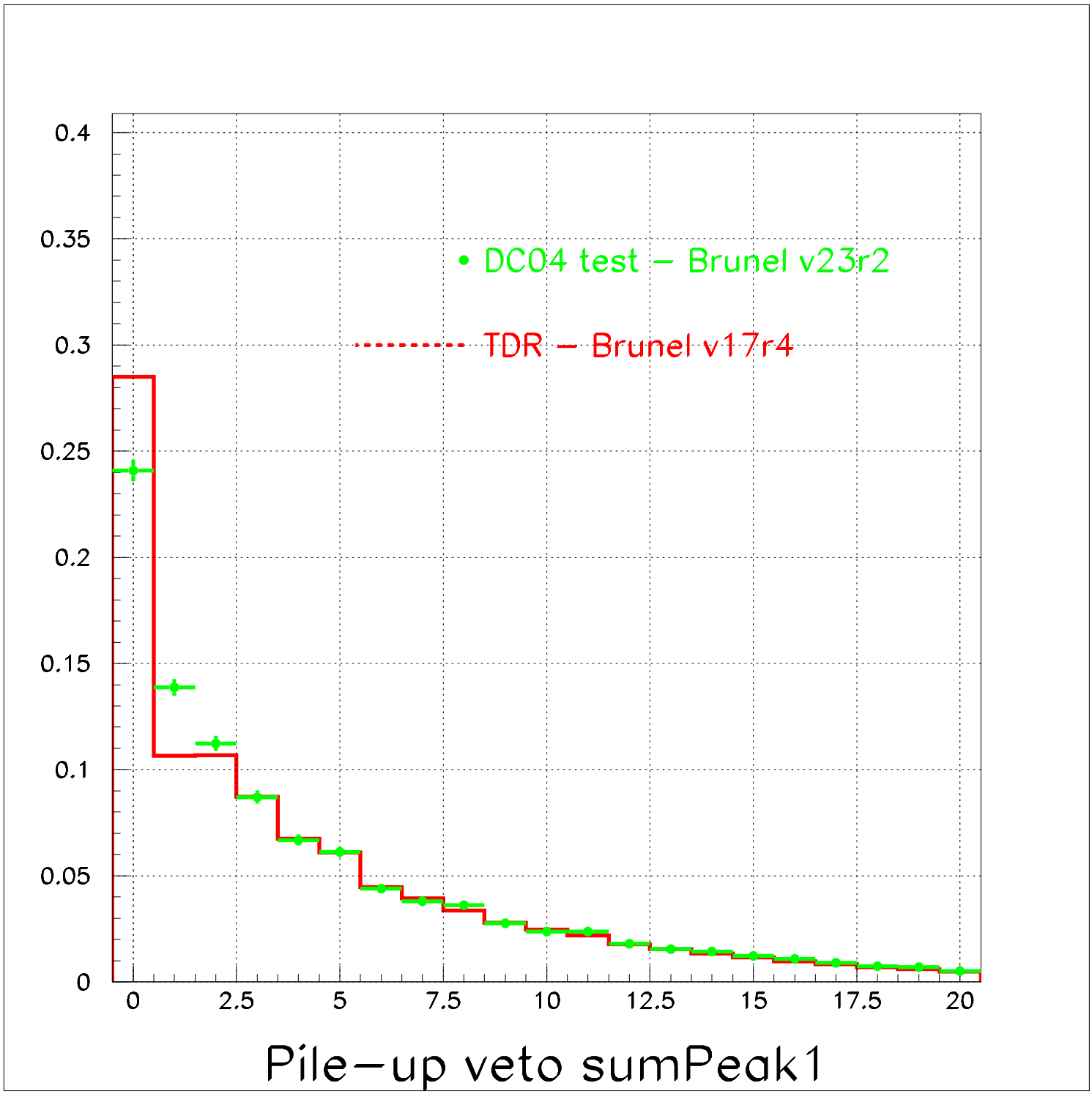

DC04 test – Brunel v23r2
TDR – Brunel v17r4
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Dist. P_T^{μ}

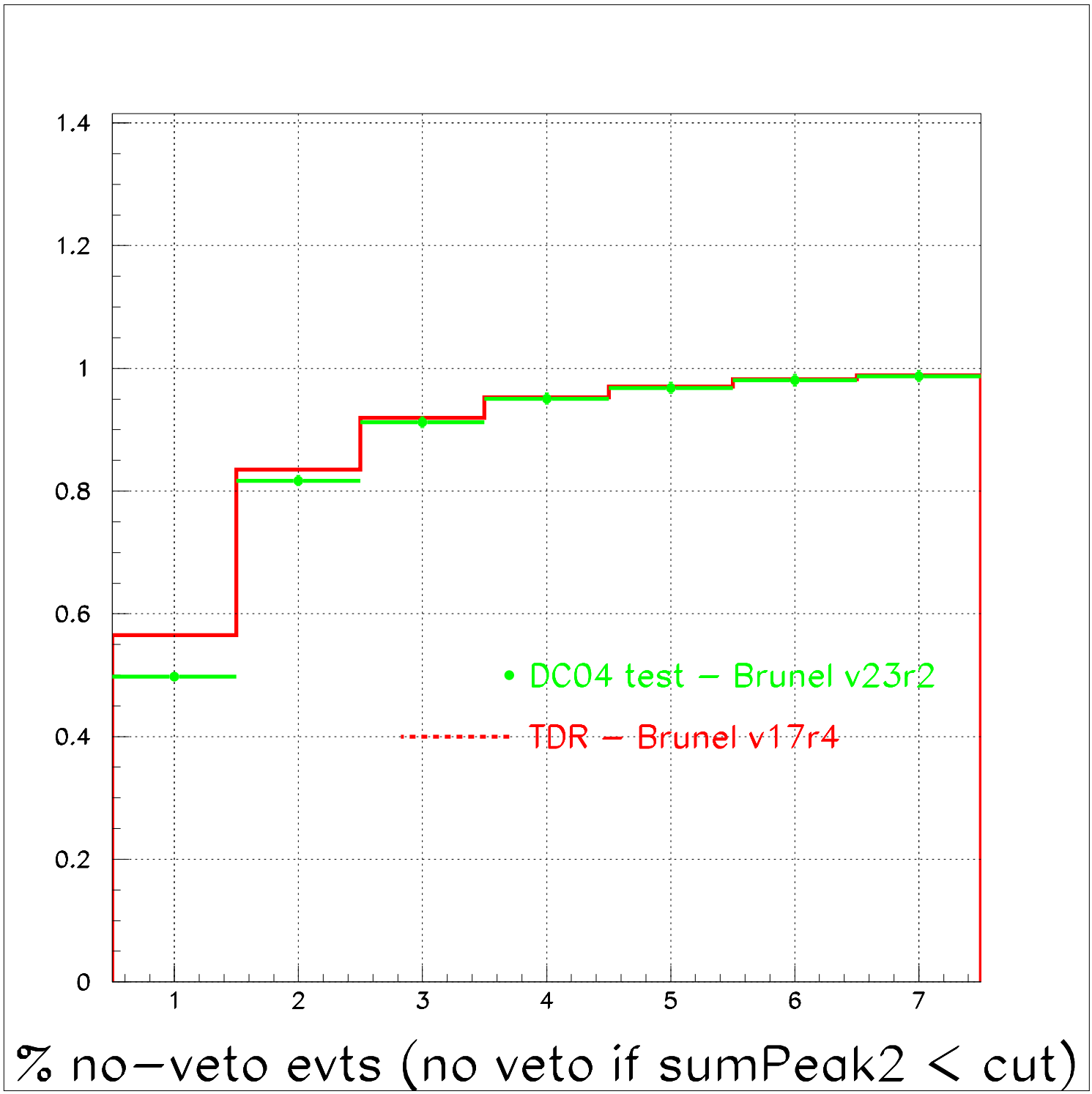

1.2
1
0.8
0.6
0.4
0.2
0
0
0.25
0.5
0.75
1
1.25
1.5
1.75
2
2.25
2.5
Dist. P_T^{μ}

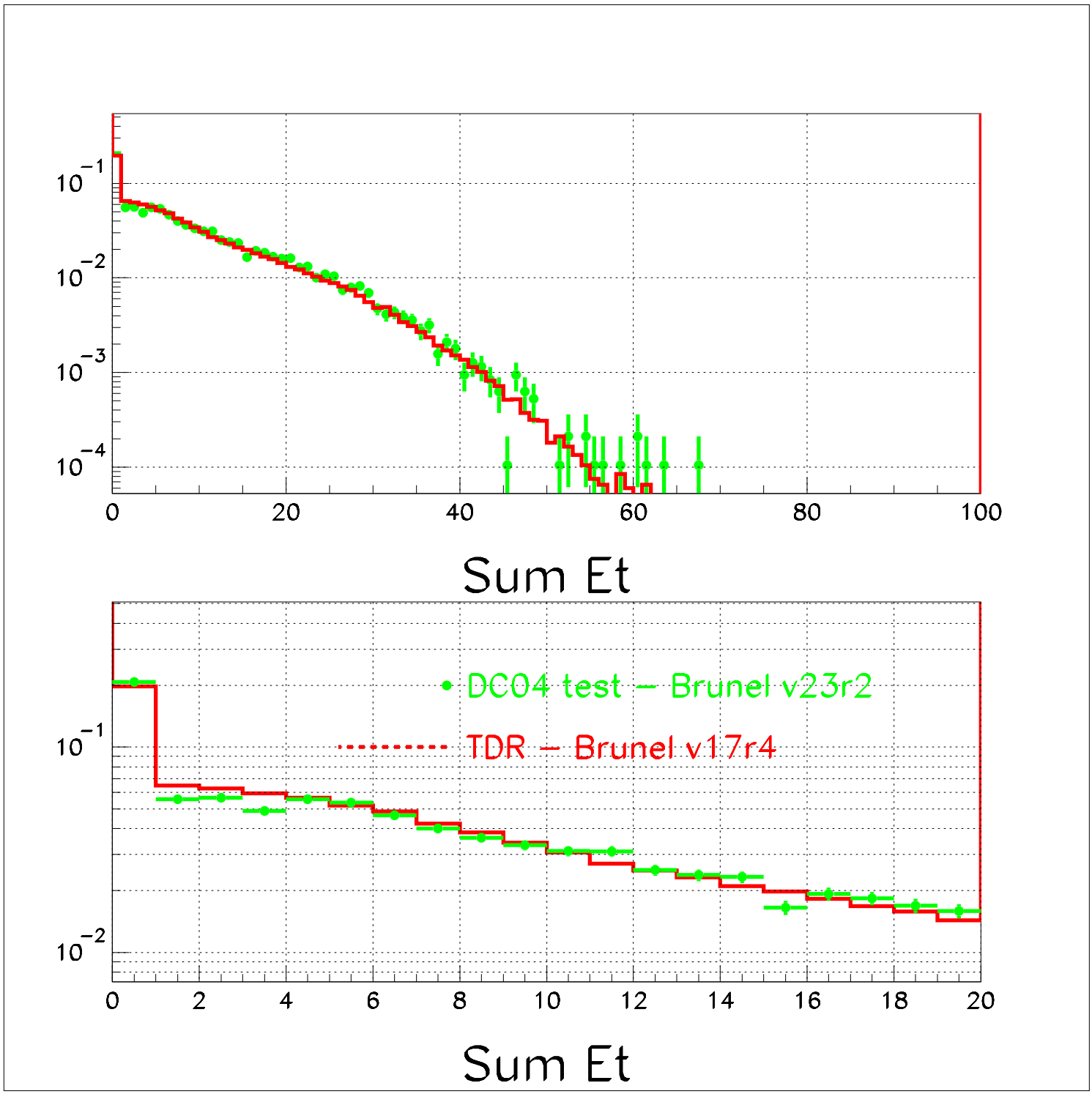

DC04 test – Brunel v23r2
TDR – Brunel v17r4
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
0
1
2
3
4
5
6
7
8
9
10
Dist. $P_T^{\mu\mu}$

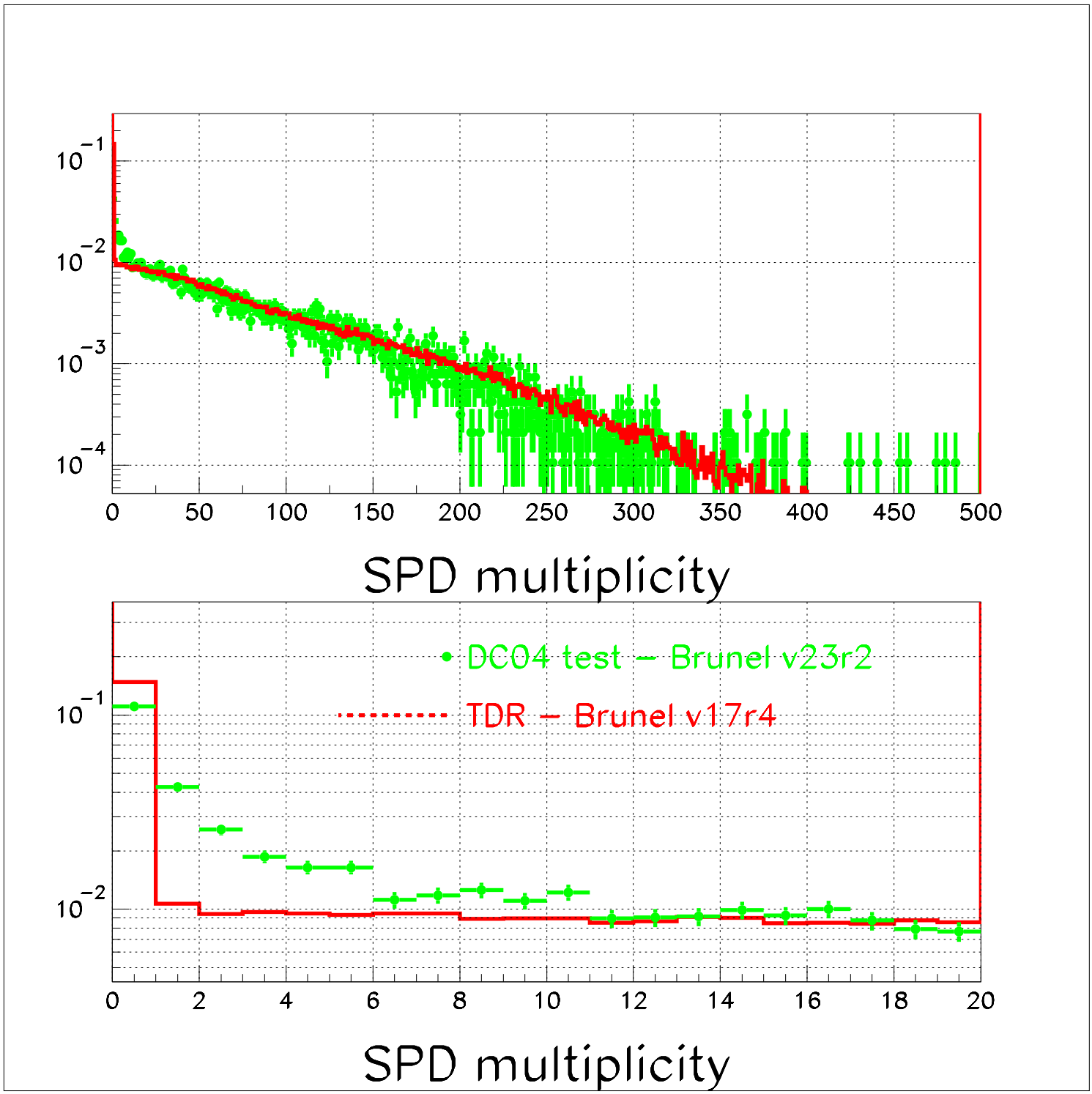

1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Dist. $P_T^{\mu\mu}$

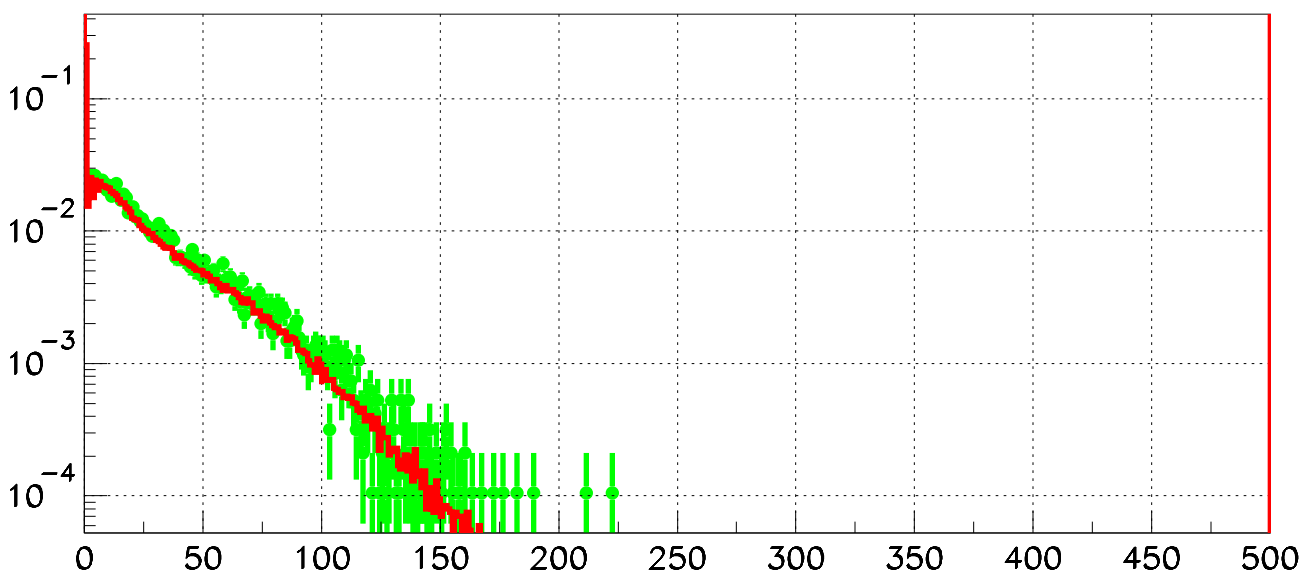

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
• DC04 test – Brunel v23r2
TDR – Brunel v17r4
Pile–up veto sumPeak2


0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
2.5
5
7.5
10
12.5
15
17.5
20
• DC04 test – Brunel v23r2
TDR – Brunel v17r4
Pile–up veto sumPeak1

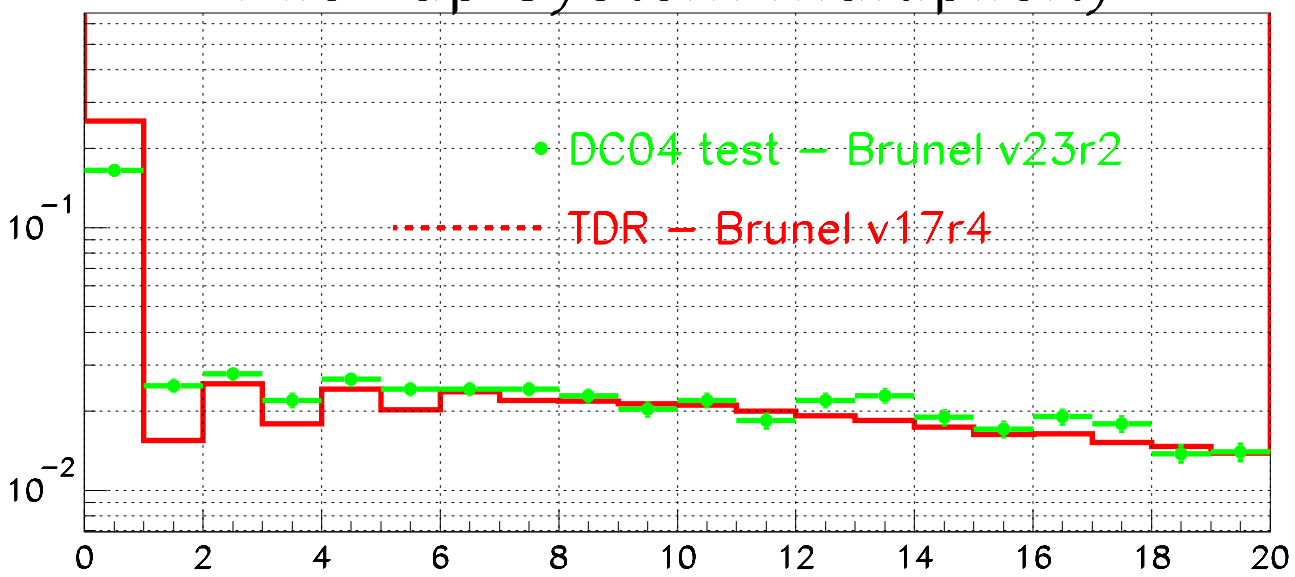

1.4
1.2
1
0.8
0.6
0.4
0.2
0
1
2
3
4
5
6
7
DC04 test – Brunel v23r2
TDR – Brunel v17r4
% no–veto evts (no veto if sumPeak2 < cut)


10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
20
40
60
80
100
Sum Et
DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^{-1}
10^{-2}
0
2
4
6
8
10
12
14
16
18
20
Sum Et

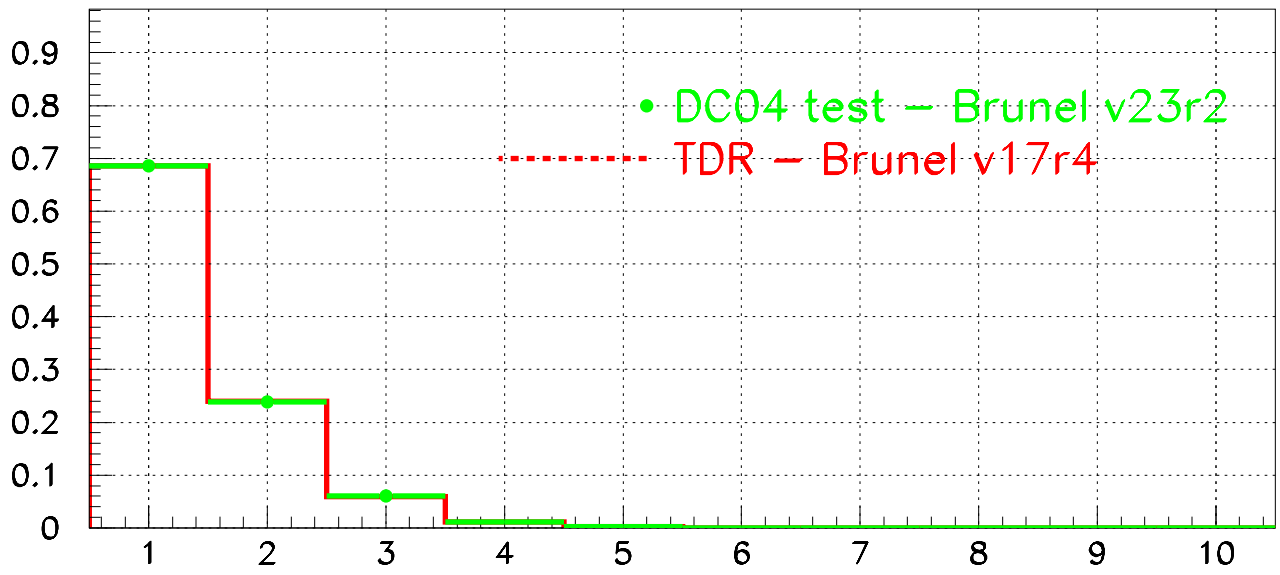

10^{-1}
10^{-2}
10^{-3}
10^{-4}
0 50 100 150 200 250 300 350 400 450 500
SPD multiplicity
DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^{-1}
10^{-2}
0 2 4 6 8 10 12 14 16 18 20
SPD multiplicity



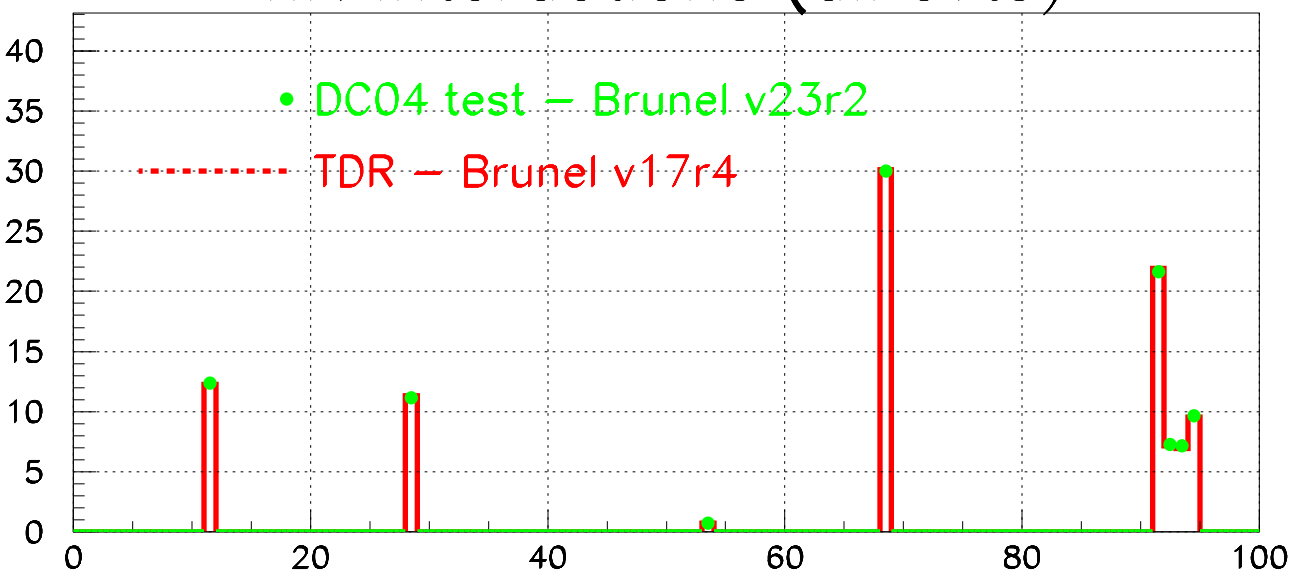
Pile−up System multiplicity



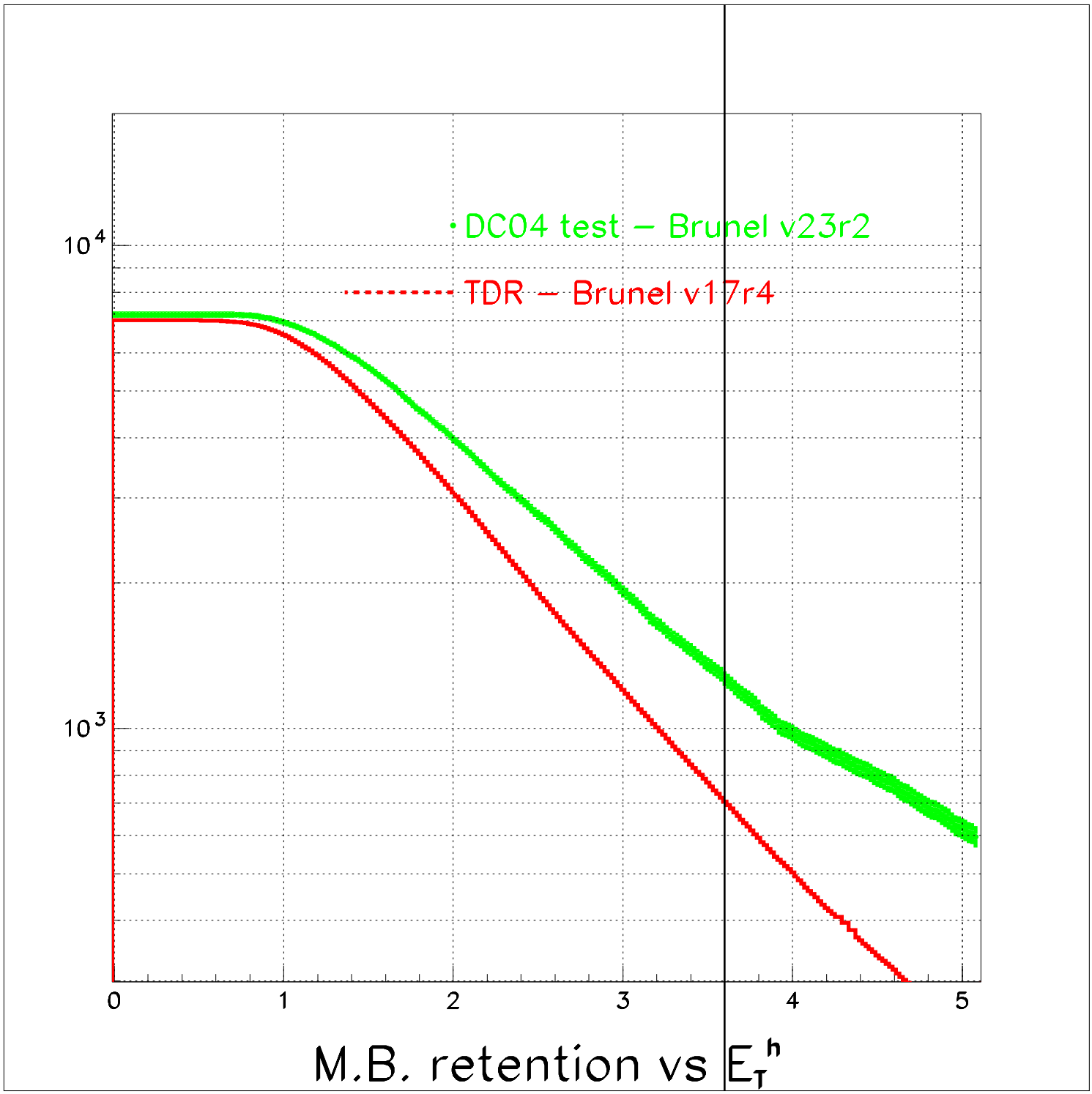
Pile−up System multiplicity

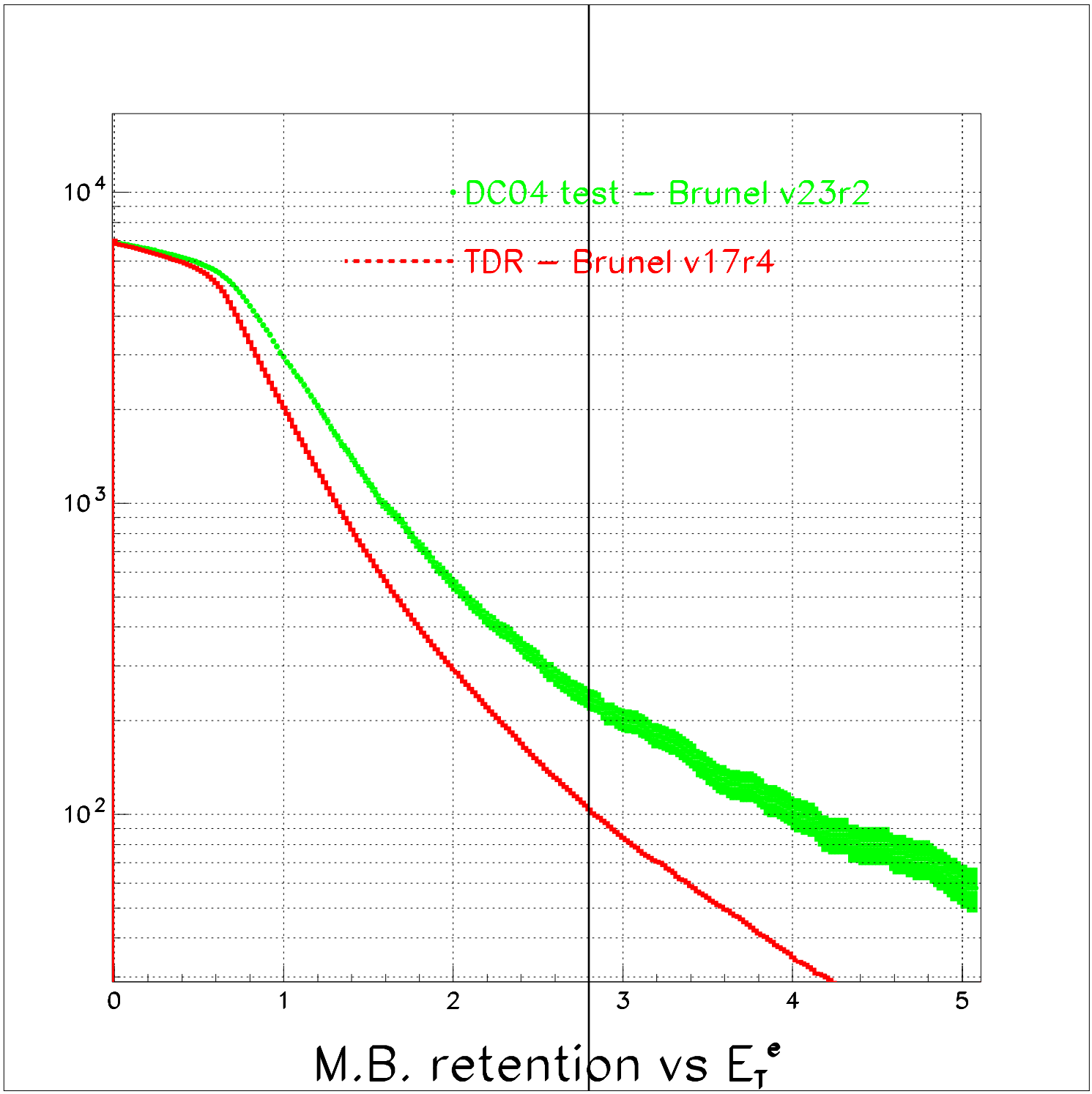


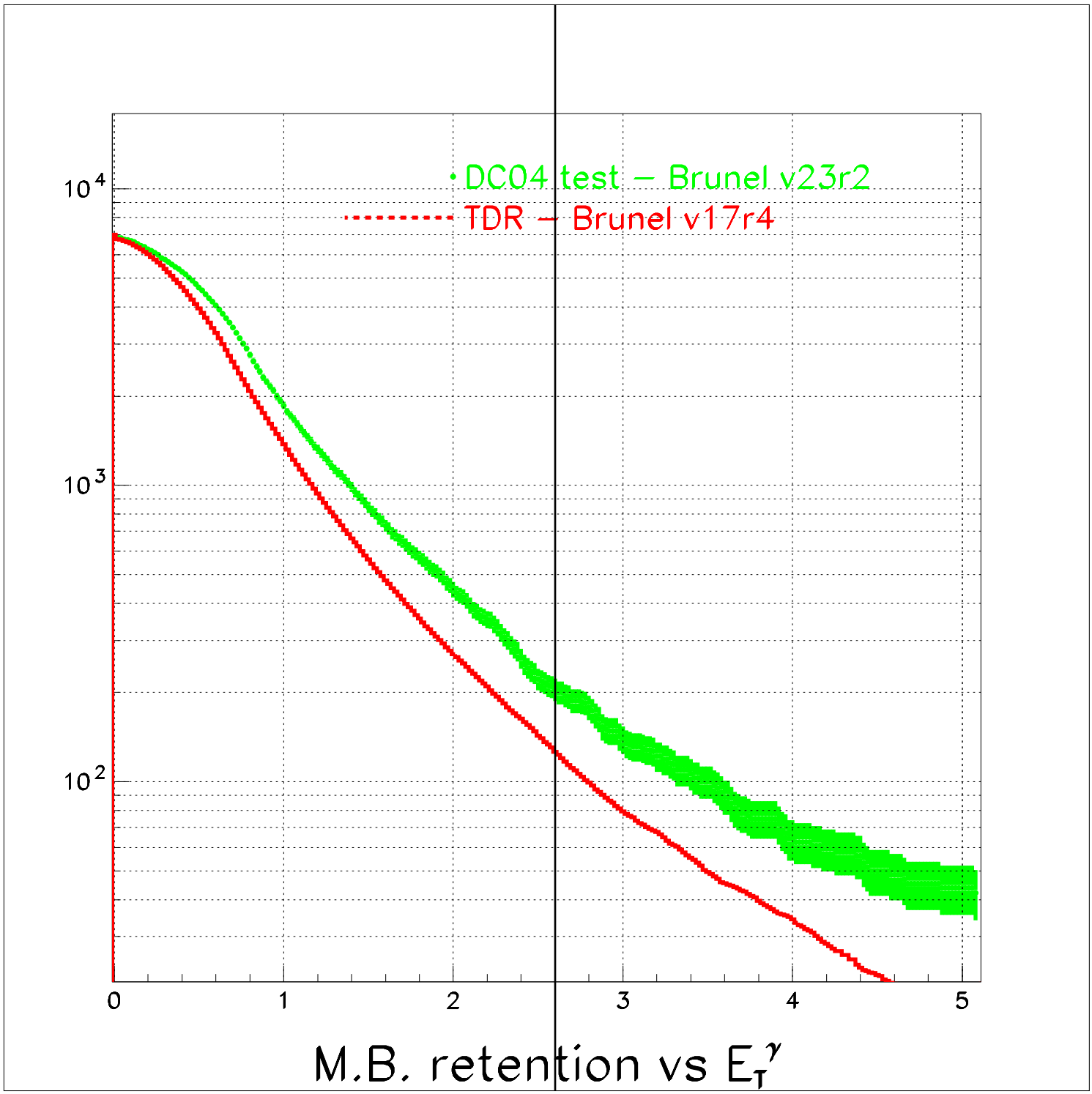
nr. interactions (all evts)

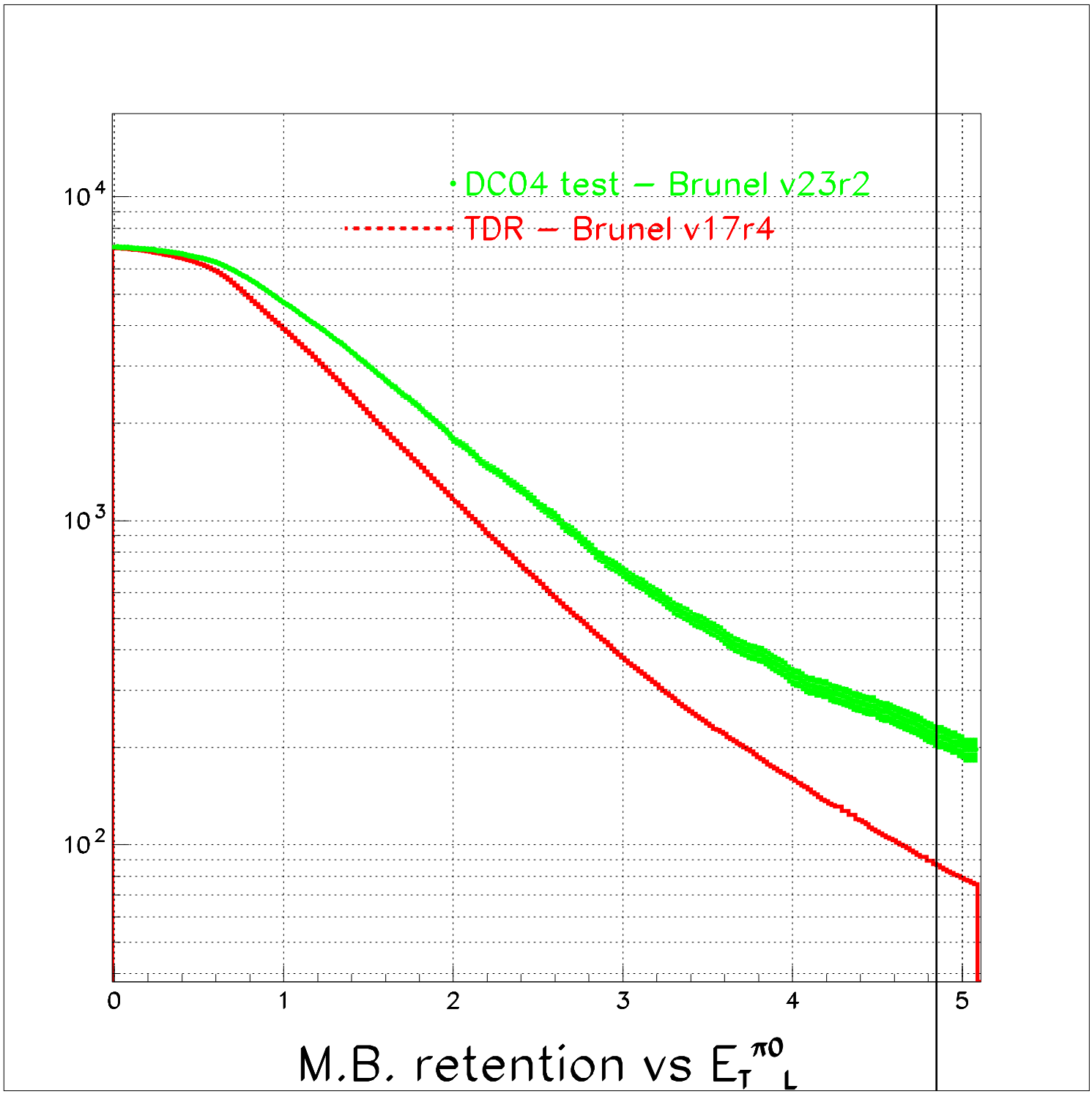


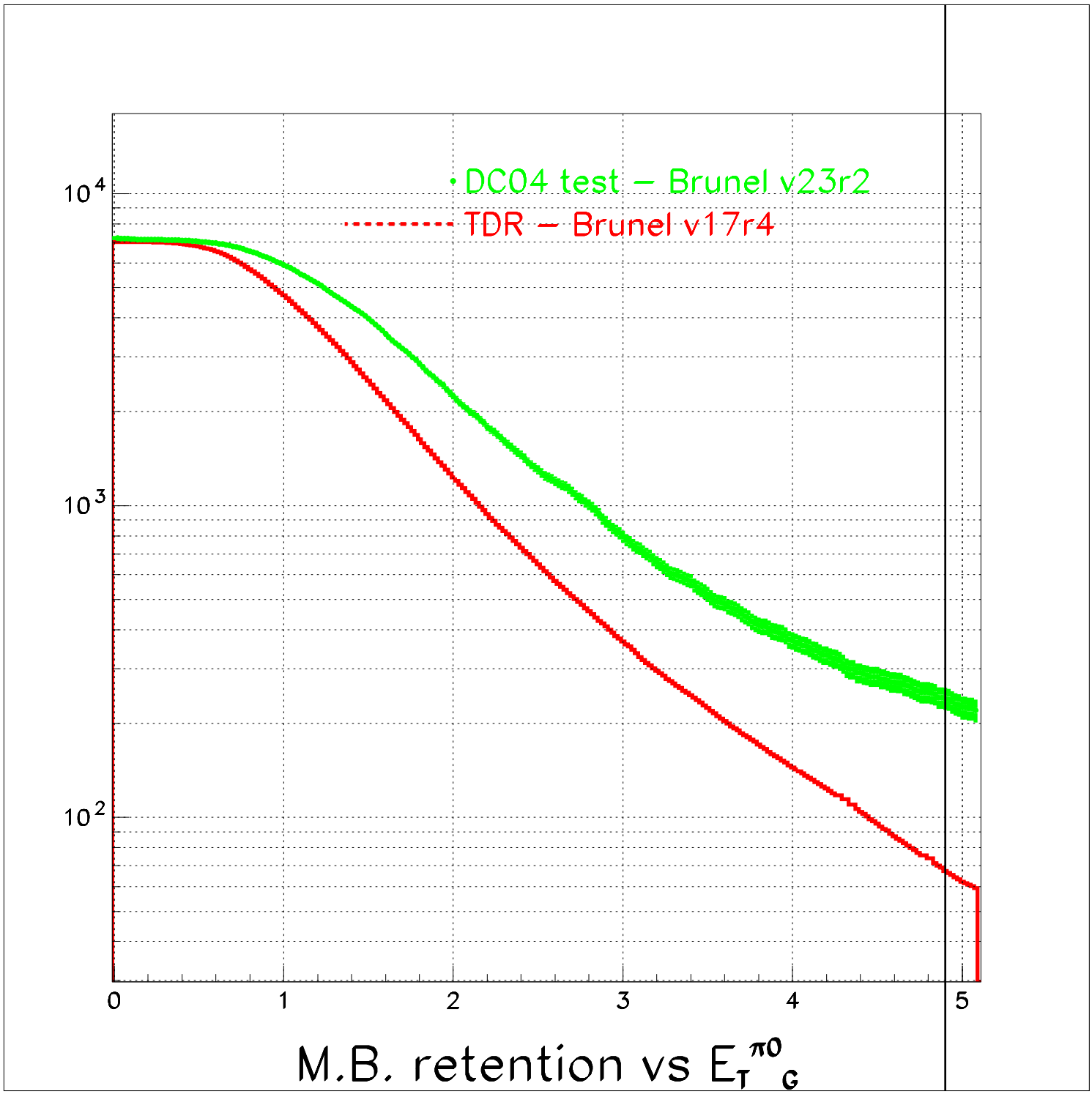
Sub–process type (all evts)

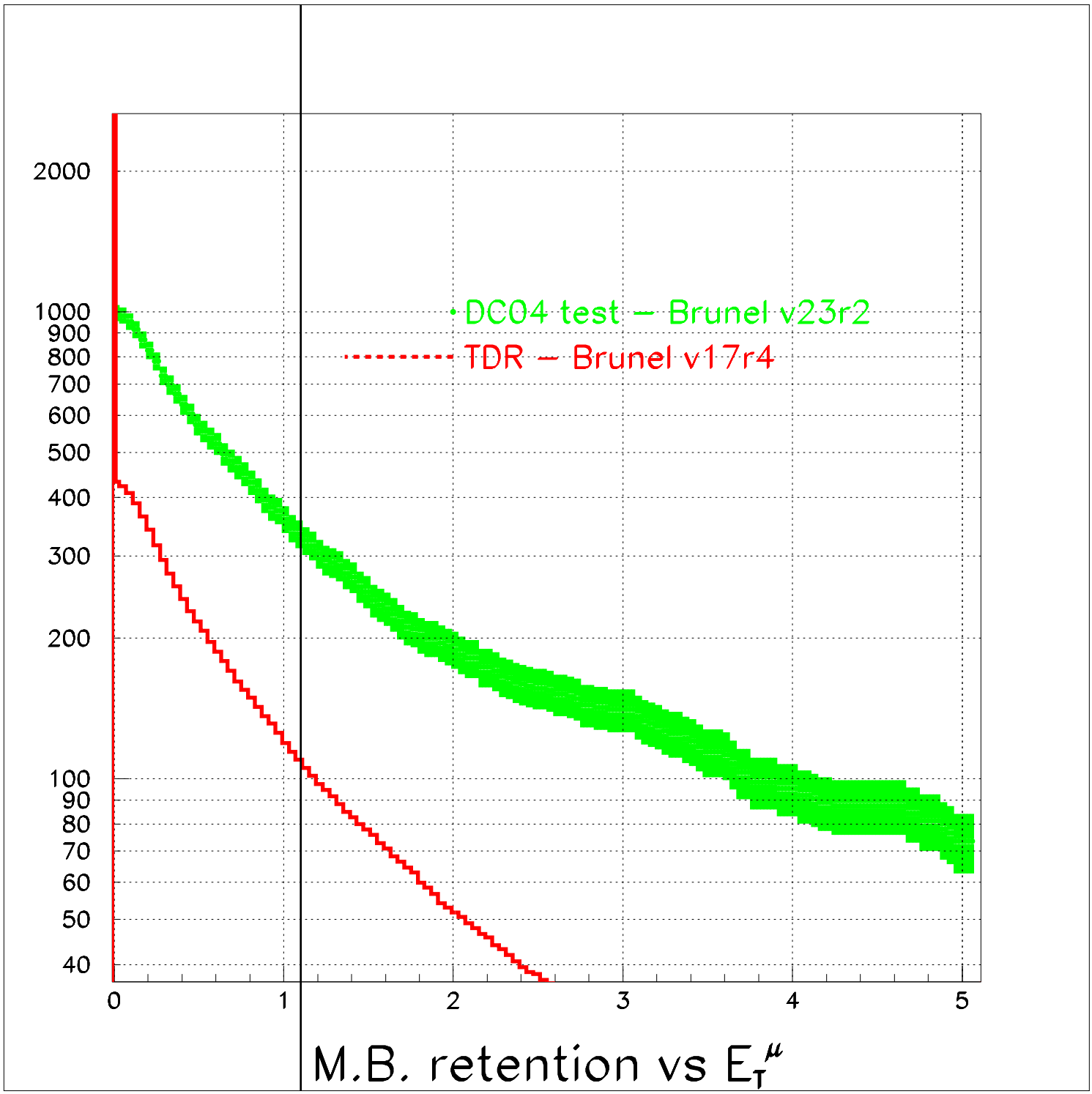

DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^4
10^3
0
1
2
3
4
5
M.B. retention vs E_T^h

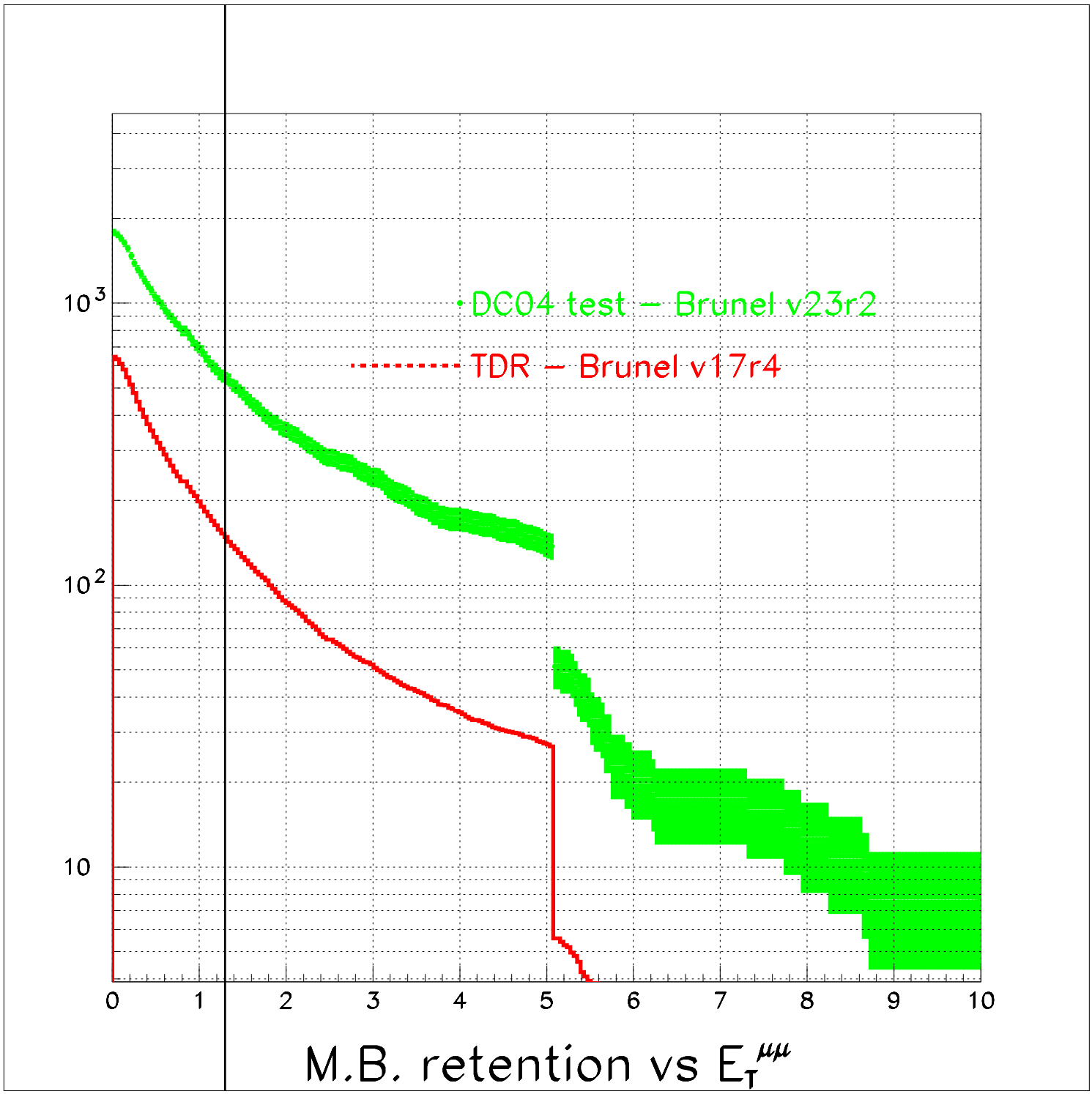

DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^4
10^3
10^2
0
1
2
3
4
5
M.B. retention vs E_T^e


DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^4
10^3
10^2
0
1
2
3
4
5
M.B. retention vs E_T^γ


DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^4
10^3
10^2
0
1
2
3
4
5
M.B. retention vs $E_T^{\pi^0}{}_L$


DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^4
10^3
10^2
0
1
2
3
4
5
M.B. retention vs $E_T^{\pi^0}{}_G$


2000
1000
900
800
700
600
500
400
300
200
100
90
80
70
60
50
40
0
1
2
3
4
5
DC04 test – Brunel v23r2
TDR – Brunel v17r4
M.B. retention vs E_T^{μ}


DC04 test – Brunel v23r2
TDR – Brunel v17r4
10^3
10^2
10
0
1
2
3
4
5
6
7
8
9
10
M.B. retention vs $E_T^{\mu\mu}$