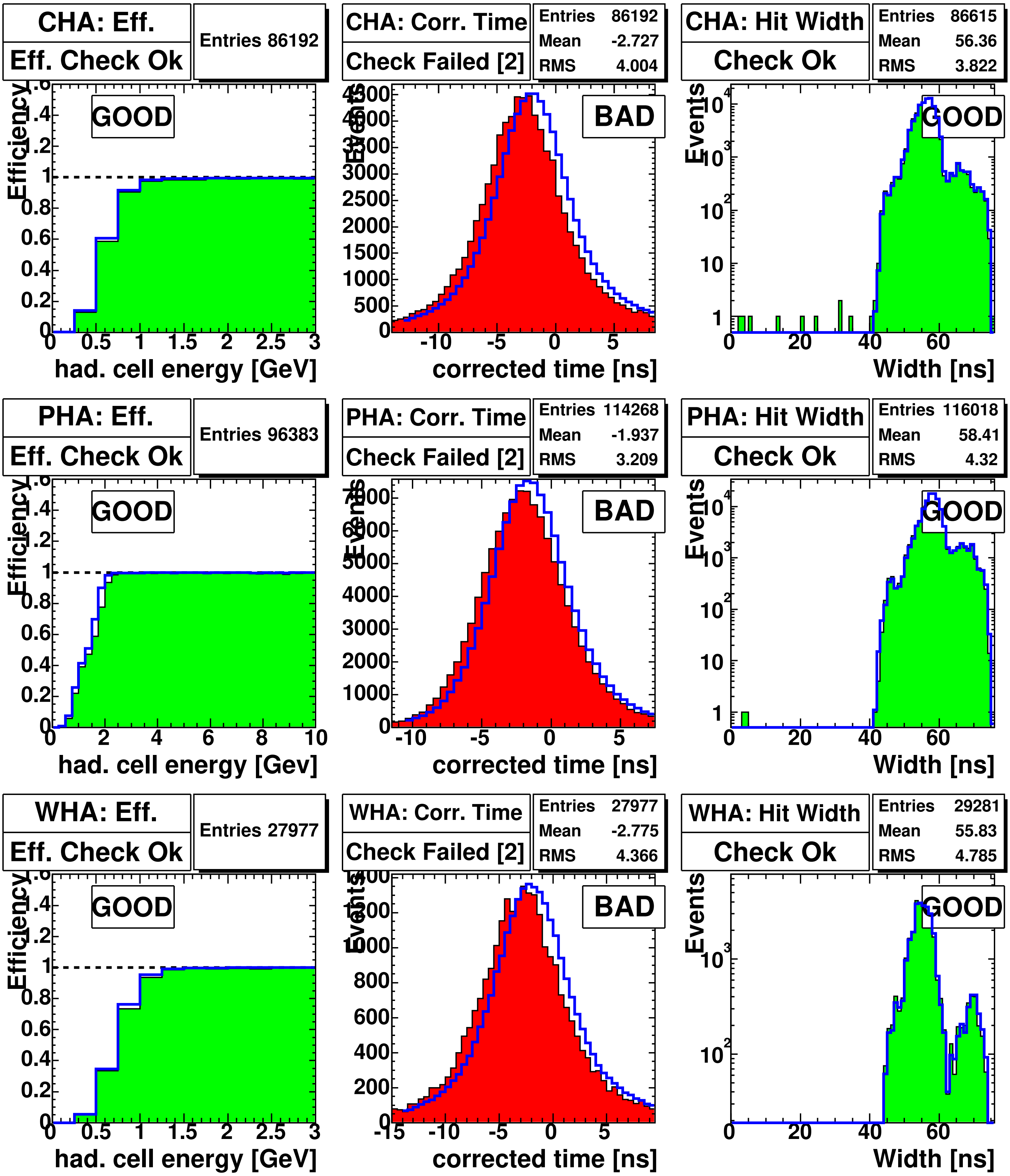
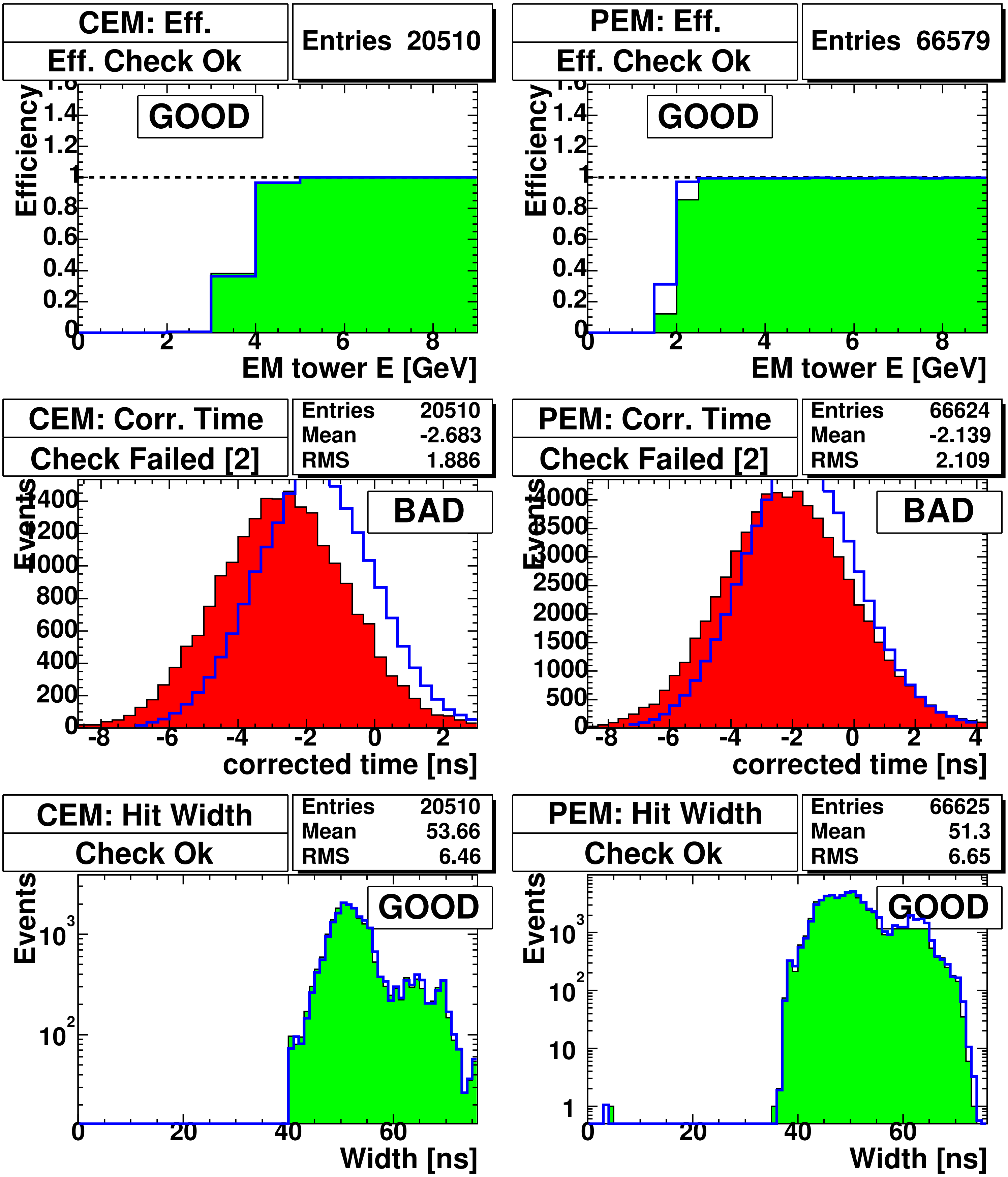
ObjectMon #2 TimeMonitor HADTDC Timing

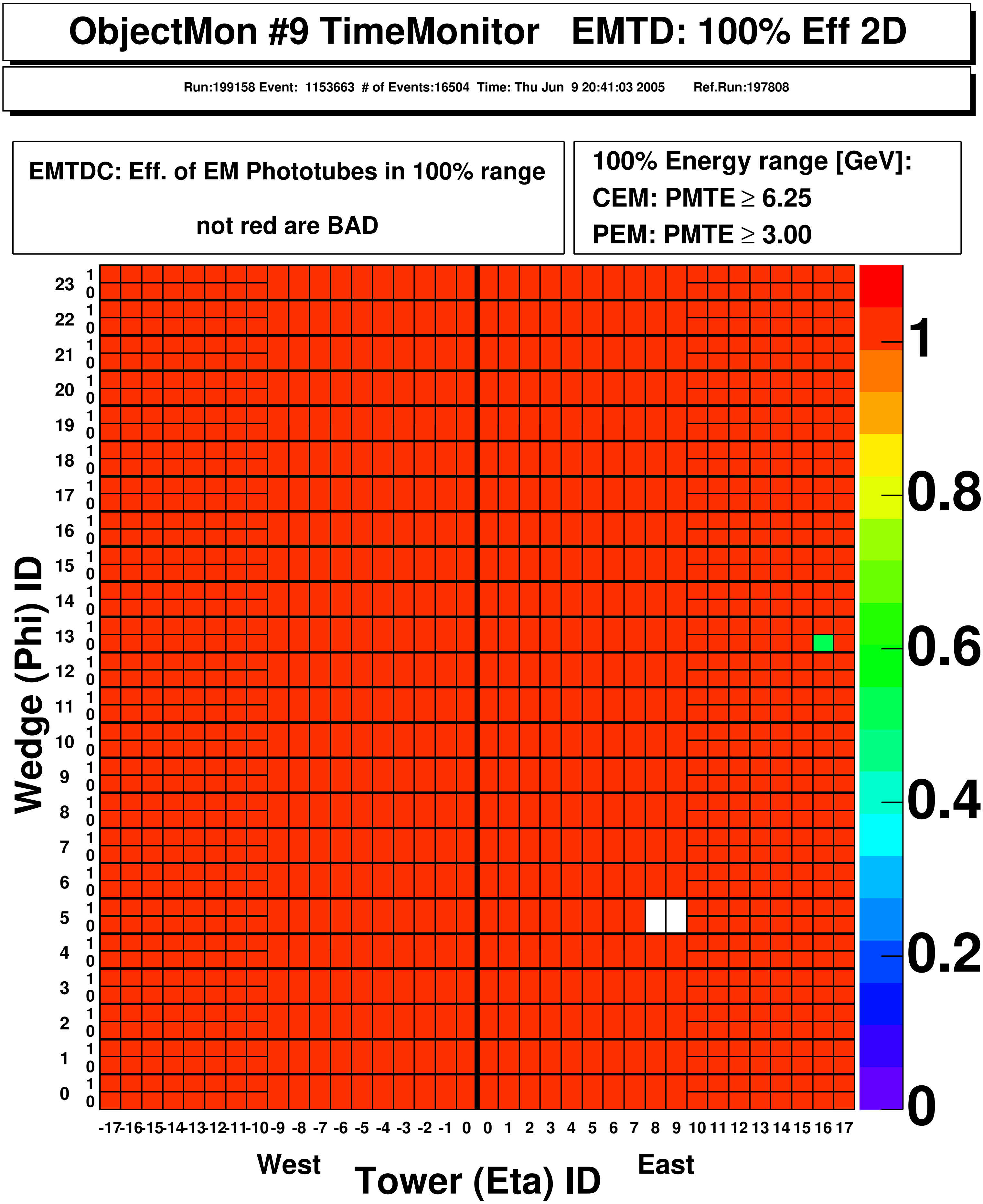
Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808



ObjectMon #4 TimeMonitor EMTDC Timing

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808





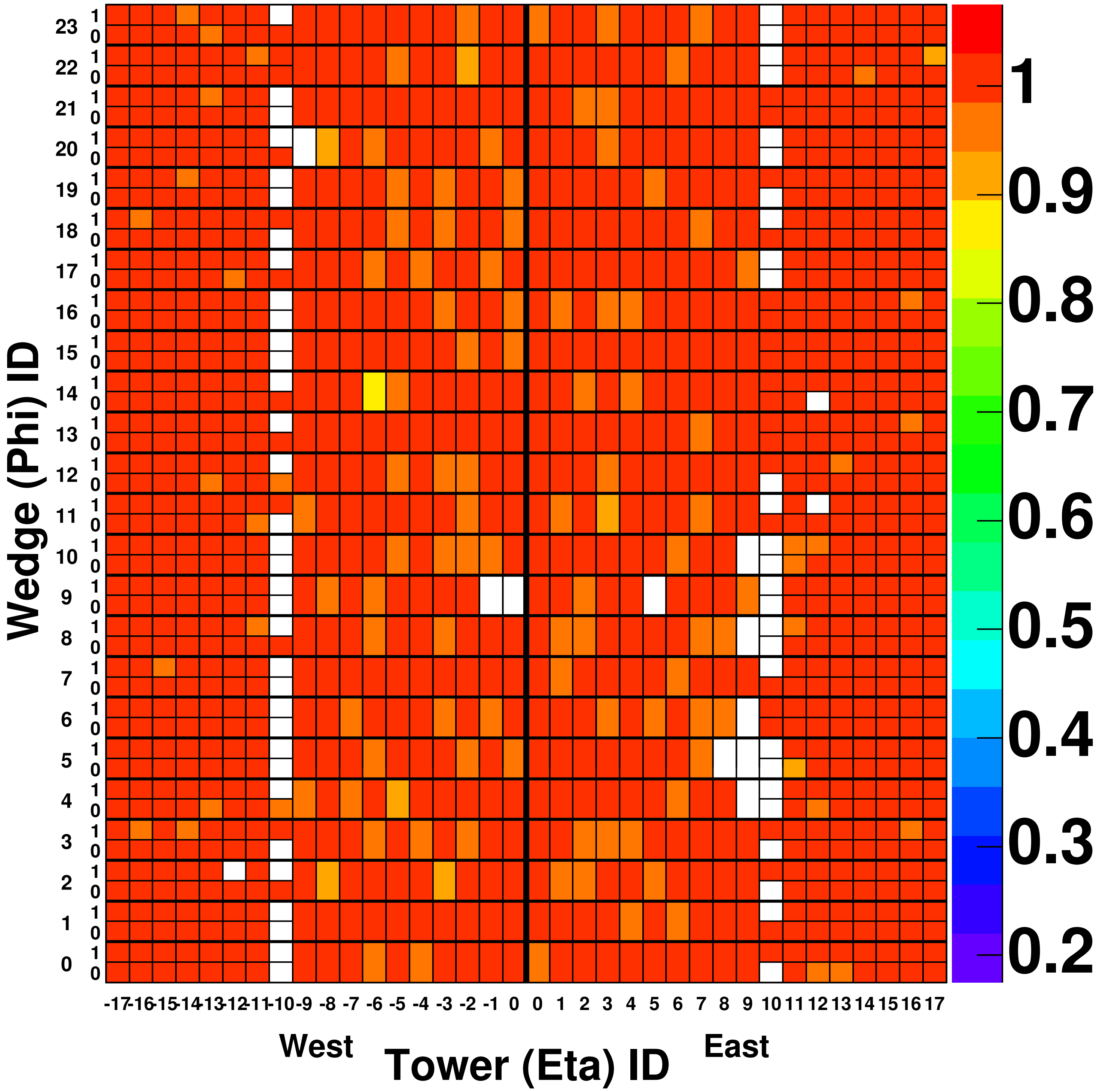
ObjectMon #9 TimeMonitor EMTD: 100% Eff 2D
Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808
EMTDC: Eff. of EM Phototubes in 100% range
not red are BAD
100% Energy range [GeV]:
CEM: PMTE ≥ 6.25
PEM: PMTE ≥ 3.00
Wedge (Phi) ID
Tower (Eta) ID
West
East
-17 -16 -15 -14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
0 0.2 0.4 0.6 0.8 1

ObjectMon #22 TimeMonitor   EMTD: Fit Efficiency

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808

EMTDC: Eff. Fit Plateau
not red are BAD

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns

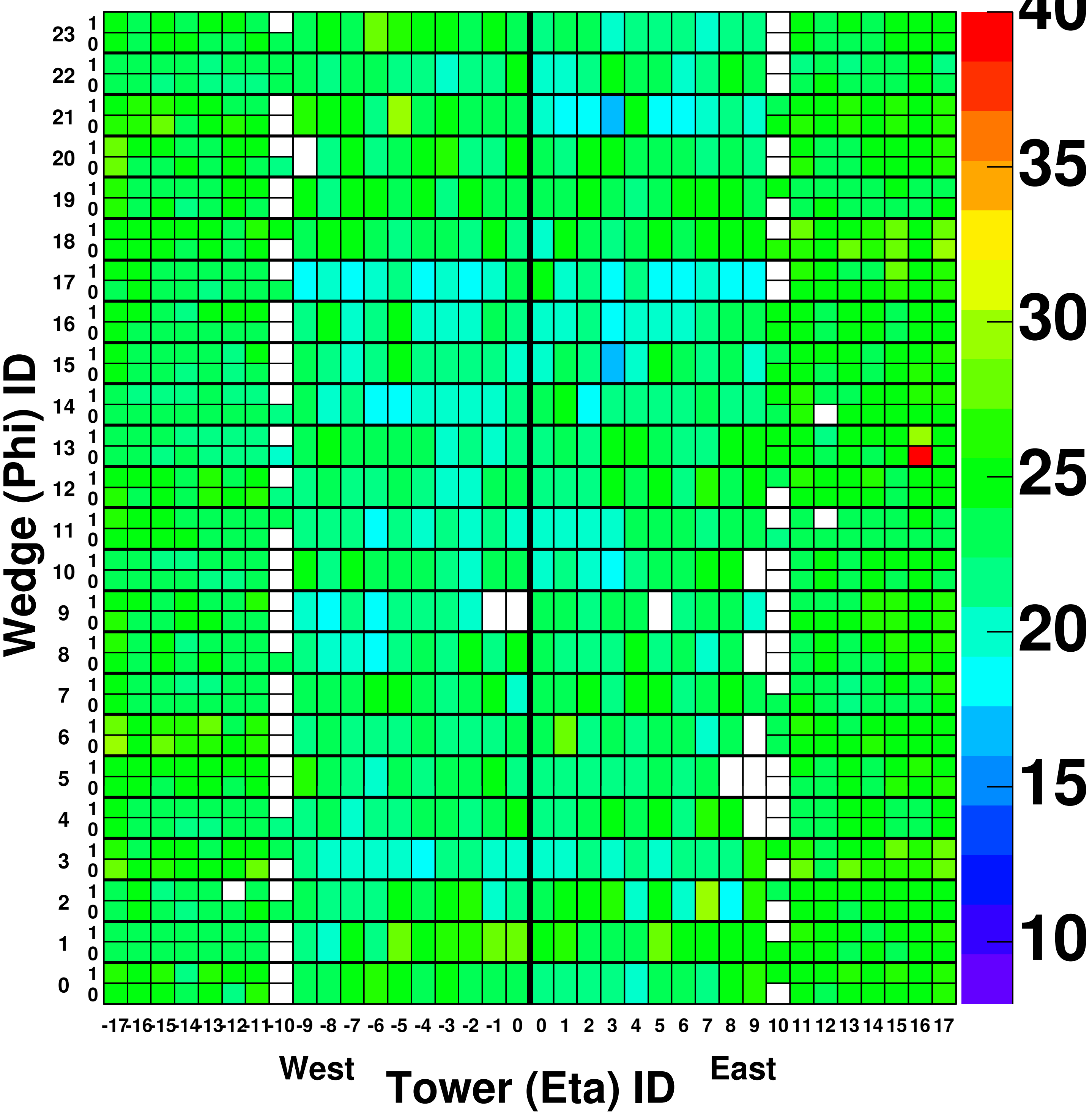


ObjectMon #20 TimeMonitor   EMTD: Thresholds

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808

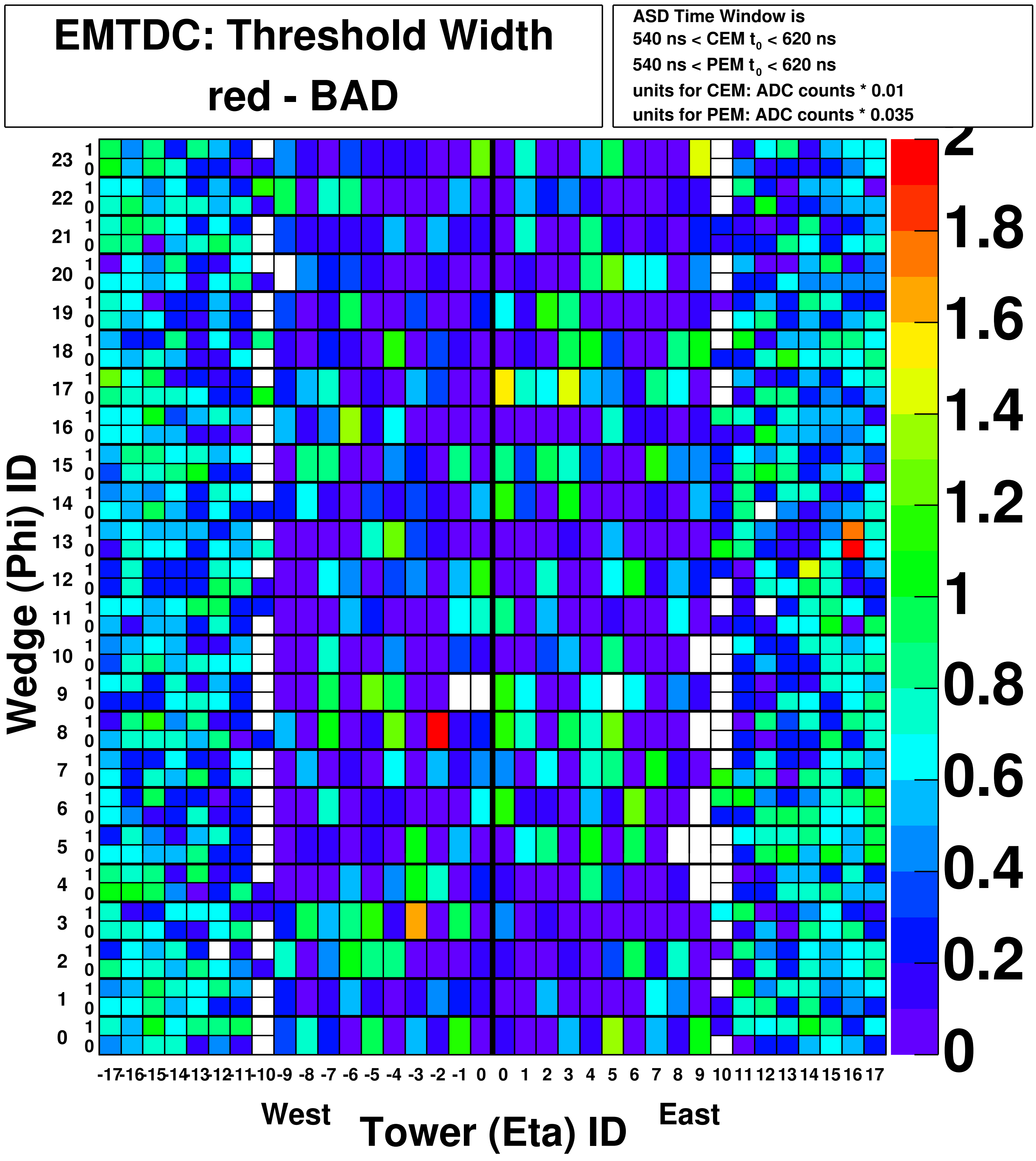
EMTDC: 50% Thresholds
red - BAD

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns
units for CEM: ADC counts * 0.01
units for PEM: ADC counts * 0.044



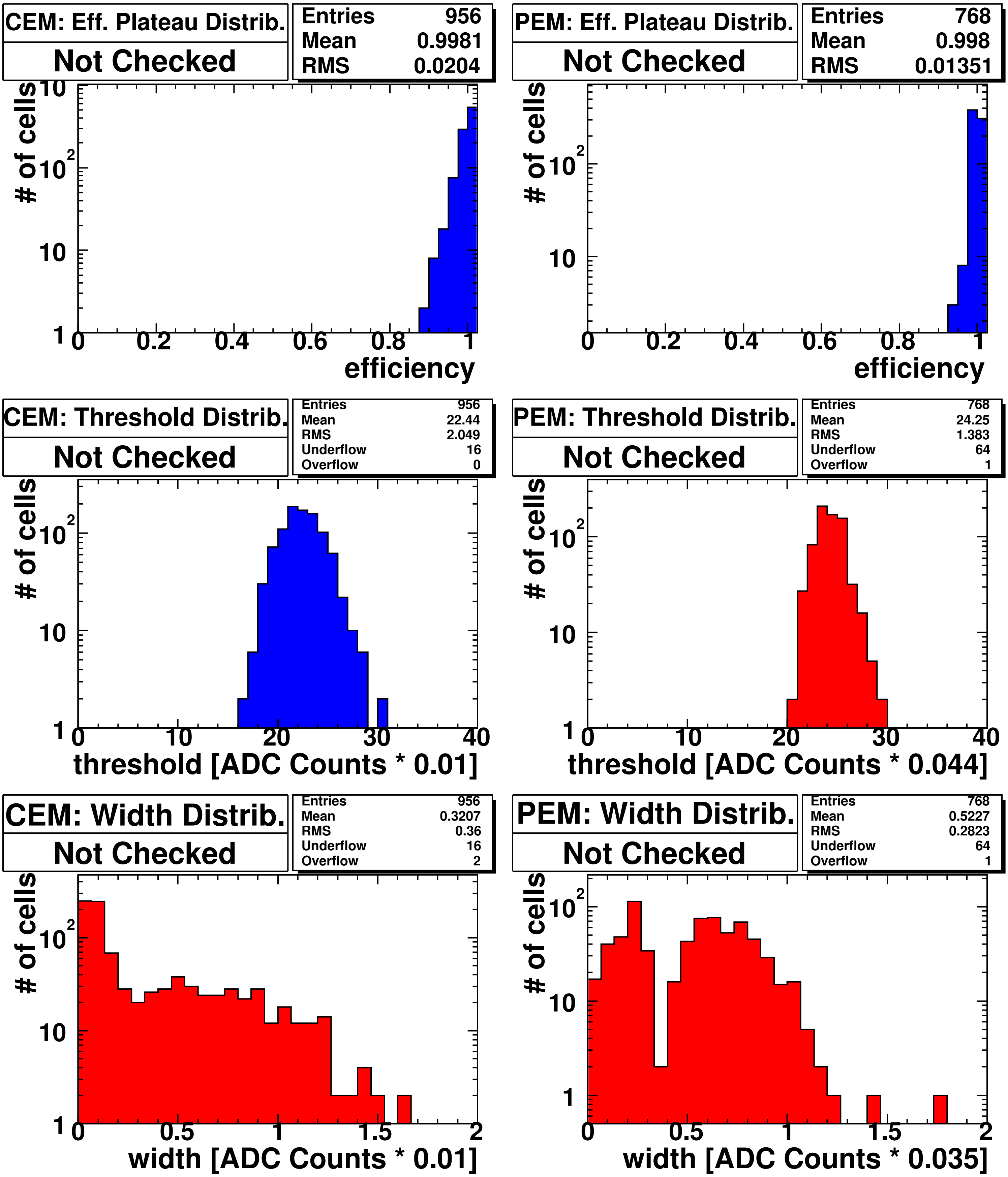
ObjectMon #21 TimeMonitor EMTD: Threshold Sigma

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808



ObjectMon #10 TimeMonitor   EMTD: Thresh., Eff. and Sigmas

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808



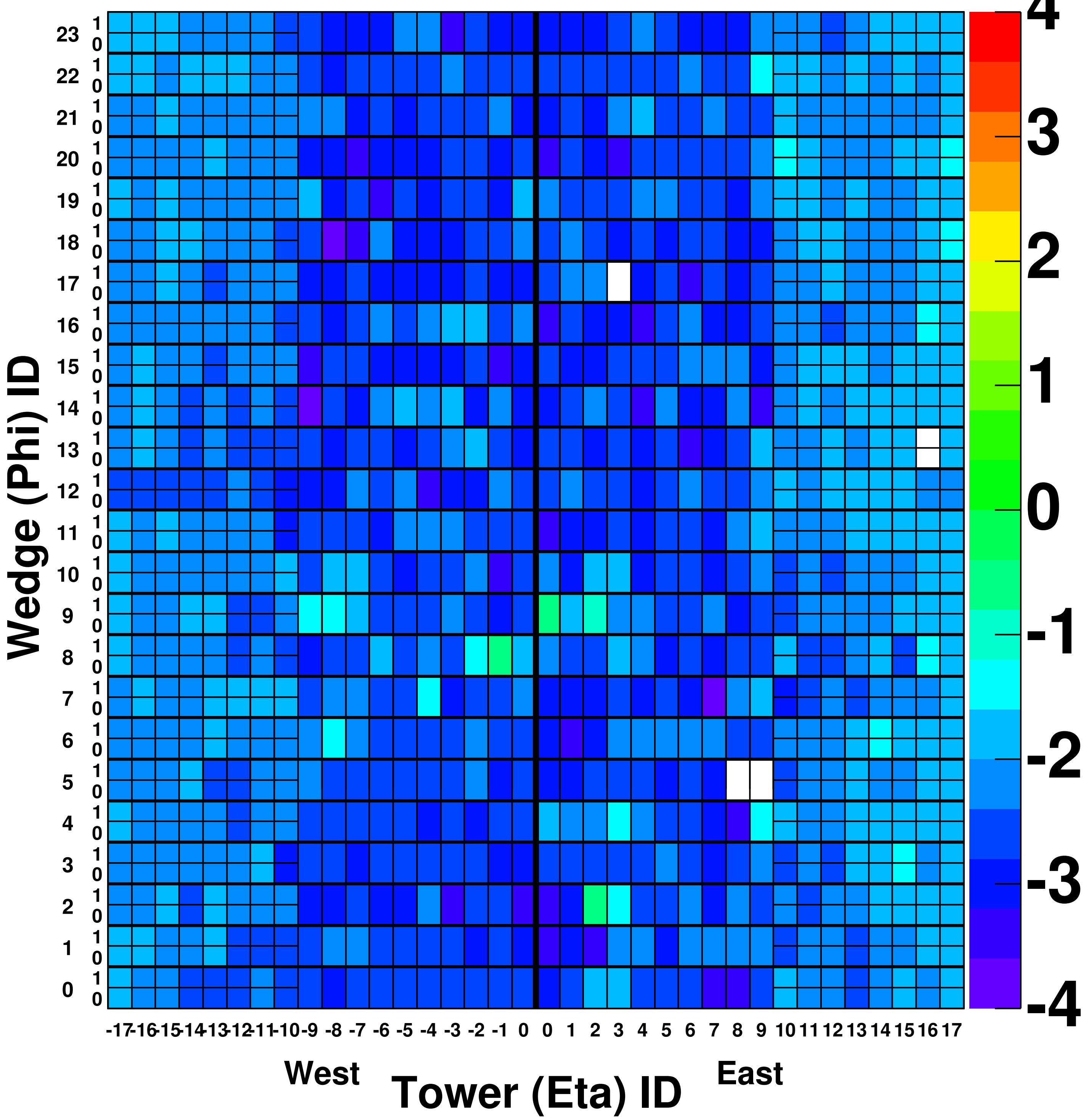
ObjectMon #14 TimeMonitor   EMTD: Mean Corrected t0

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808

EMTDC: Mean Corrected t_0

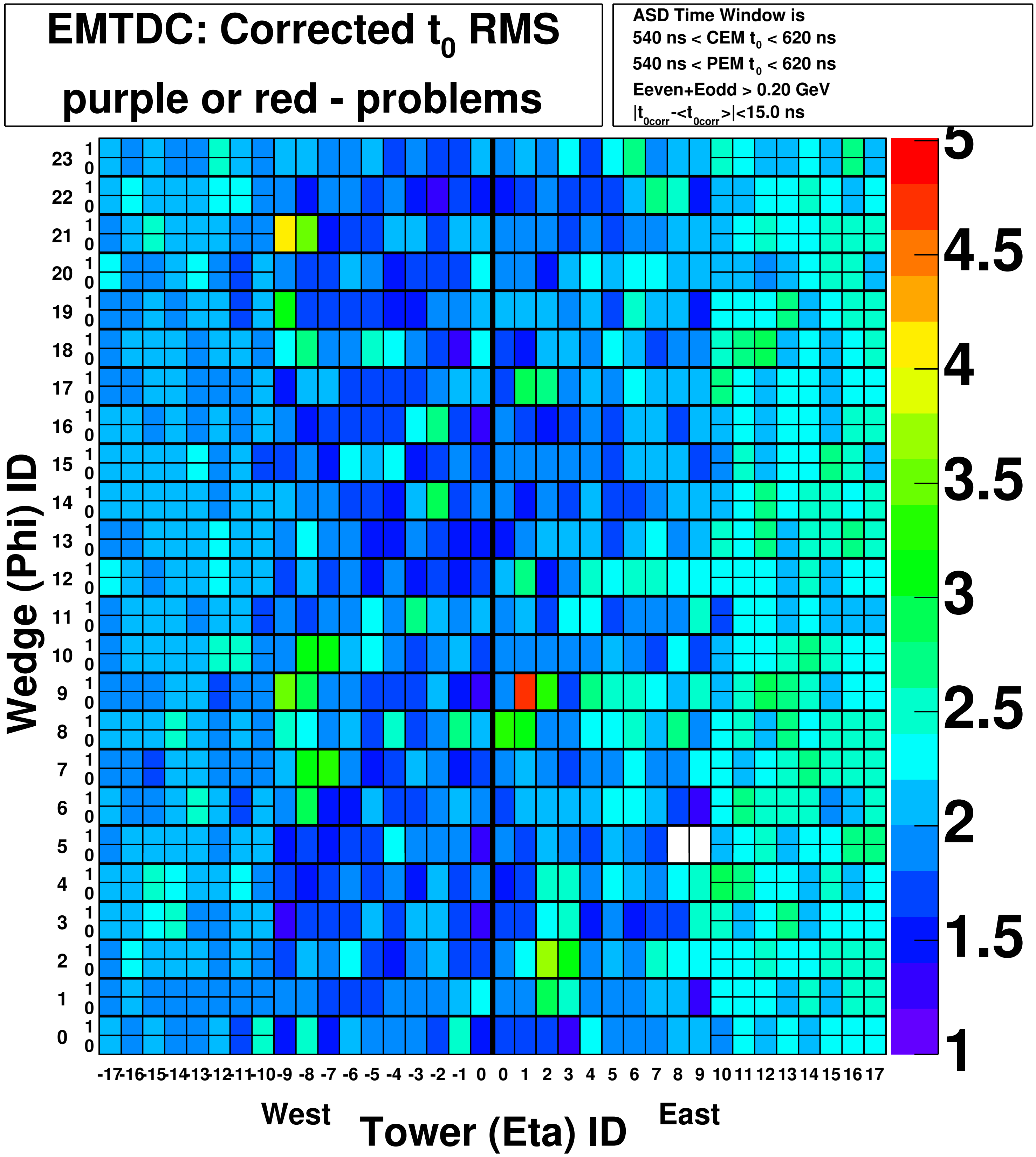
purple or red - problems

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns
Eeven+Eodd > 0.20 GeV
$|t_{0corr}-<t_{0corr}>|<15.0$ ns



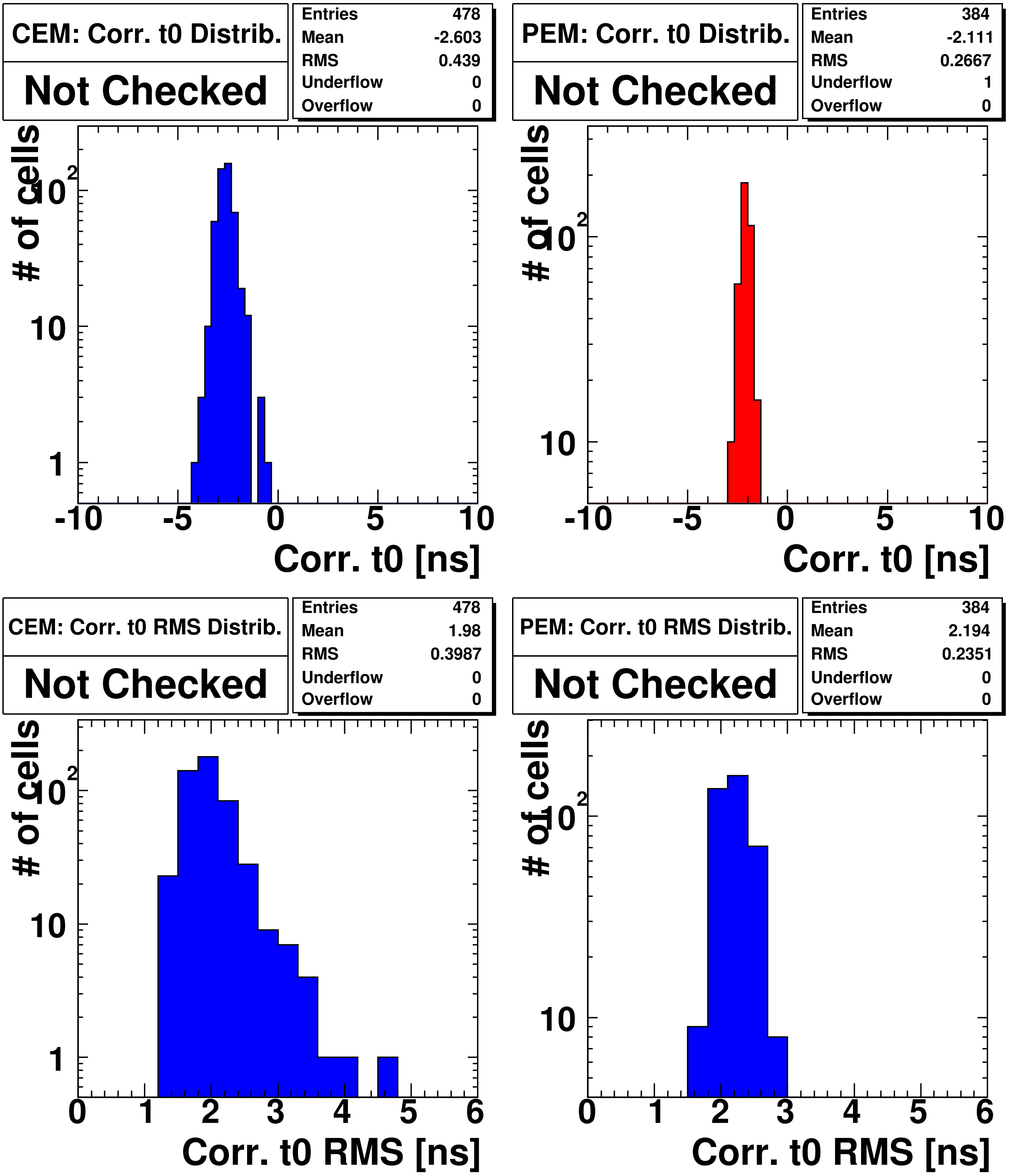
ObjectMon #15 TimeMonitor   EMTD: RMS for Corrected t0

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808



ObjectMon #18 TimeMonitor   EMTD: Corrected t0 and RMS

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808



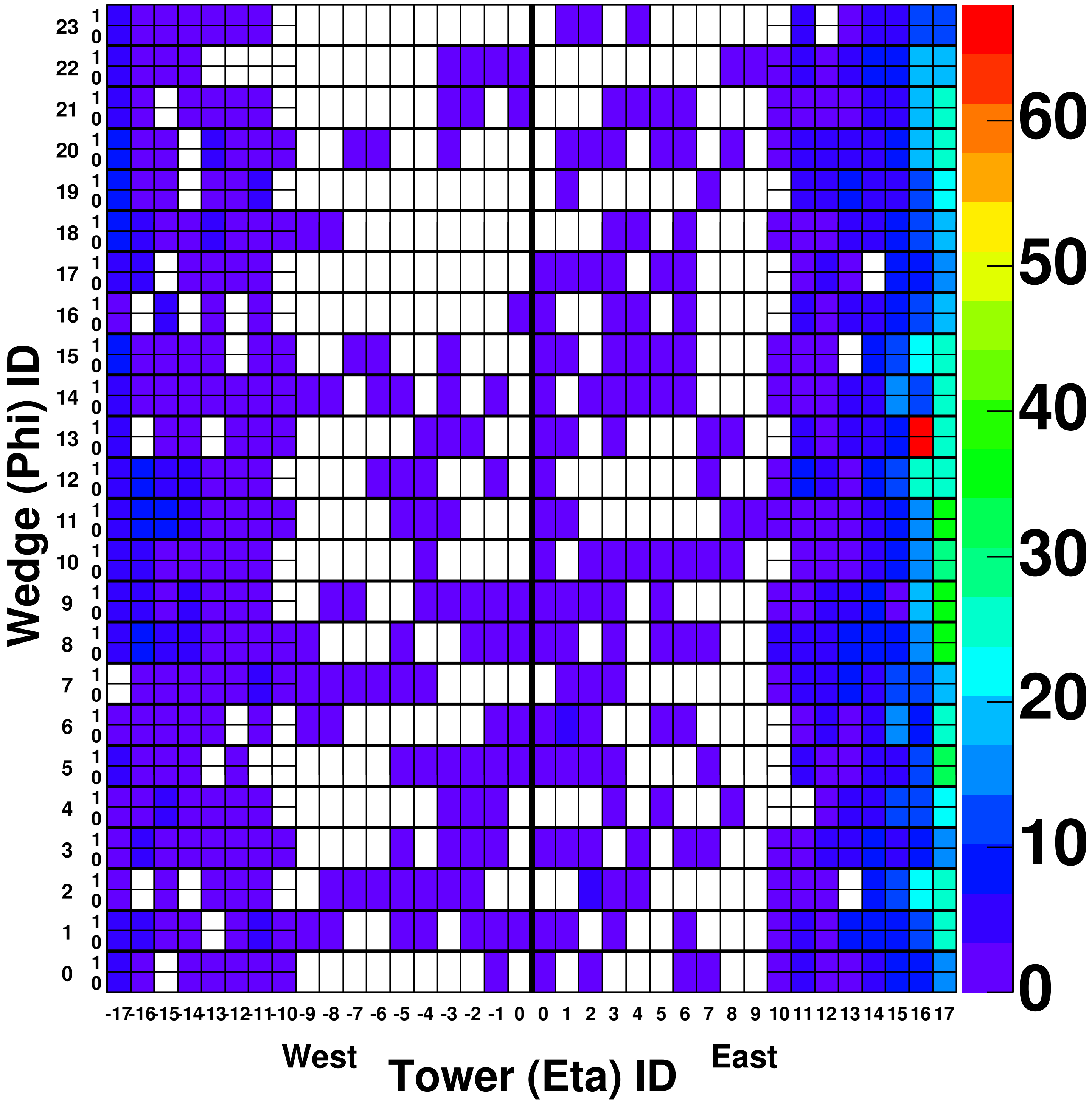
ObjectMon #19 TimeMonitor EMTD: Corr. t0 Far From Mean

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808

EMTDC: Hits Far From Corr. <t0>

potential problems are colored

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns
Eeven+Eodd > 0.2 GeV
$|t_{0corr} - <t_{0corr}>| > 15.0$ ns

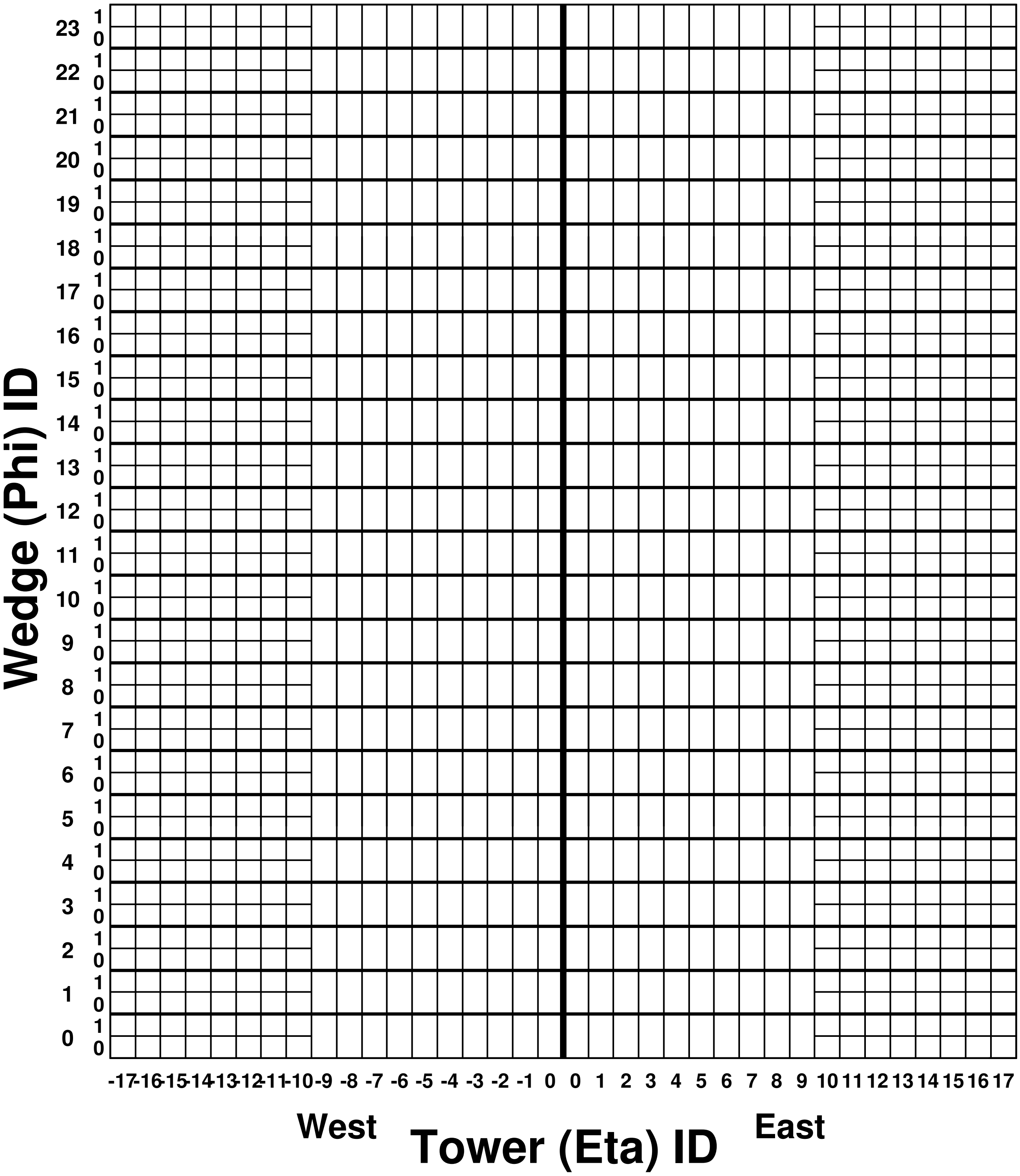


ObjectMon #11 TimeMonitor EMTD: Fake Firings

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808

EMTDC: Fake Firings Occupancy
potential problems are colored

Energy range [GeV]:
Eeven+Eodd < 0.20
ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns



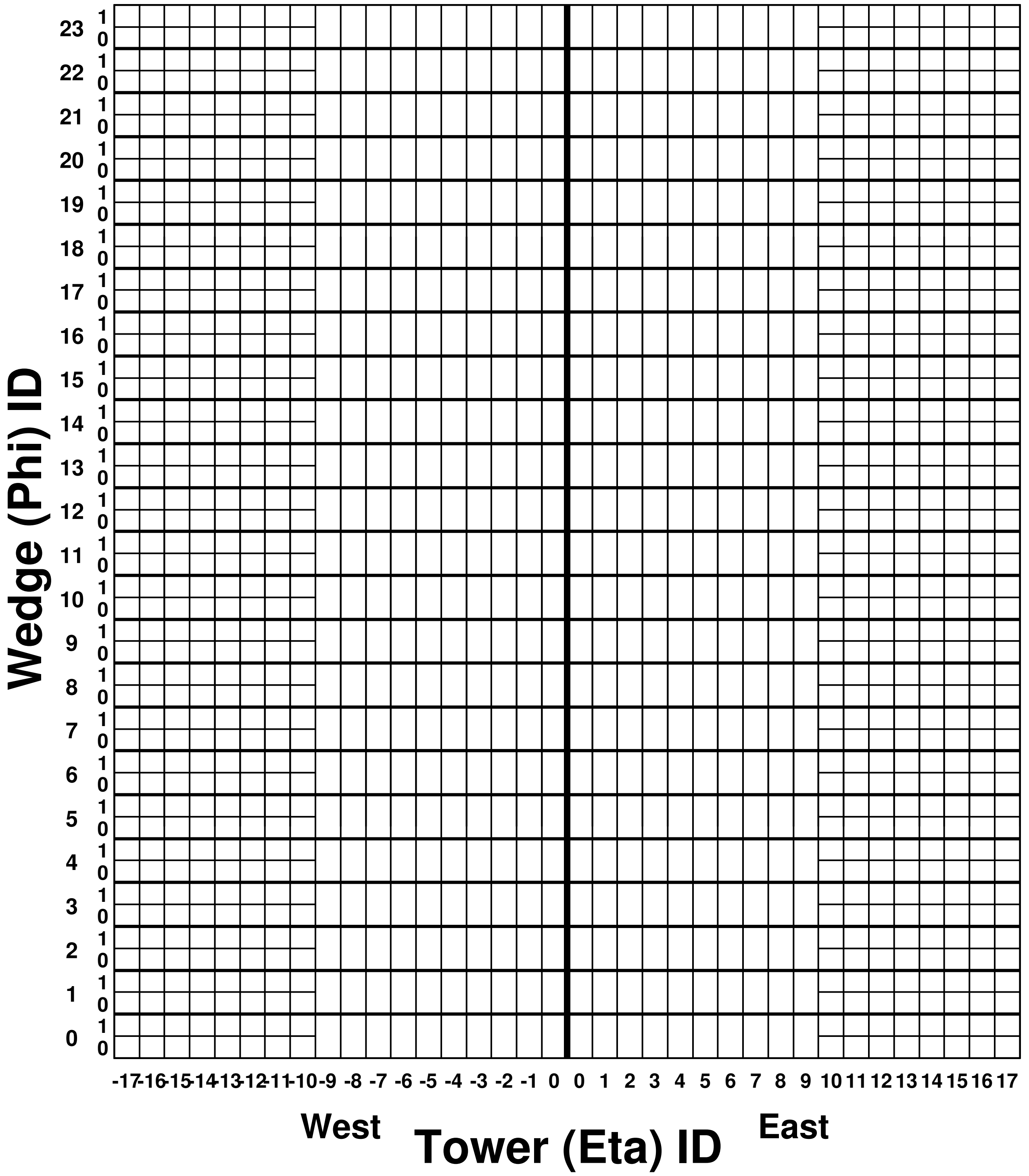
ObjectMon #17 TimeMonitor   EMTD: Multiple Firings & Ok Width

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005   Ref.Run:197808

EMTDC: Multiply Ok Width Firing Towers

potential problems are colored

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns
20 < Hit width < 200 ns
Tower Energy > 0 GeV



ObjectMon #16 TimeMonitor   EMTD: Multiple Firings & Low Width

Run:199158 Event: 1153663 # of Events:16504 Time: Thu Jun 9 20:41:03 2005 Ref.Run:197808

EMTDC: Multiply Low Width Firing Towers

potential problems are colored

ASD Time Window is
540 ns < CEM t_0 < 620 ns
540 ns < PEM t_0 < 620 ns
10 < Hit width < 20 ns
Tower Energy > 0 GeV