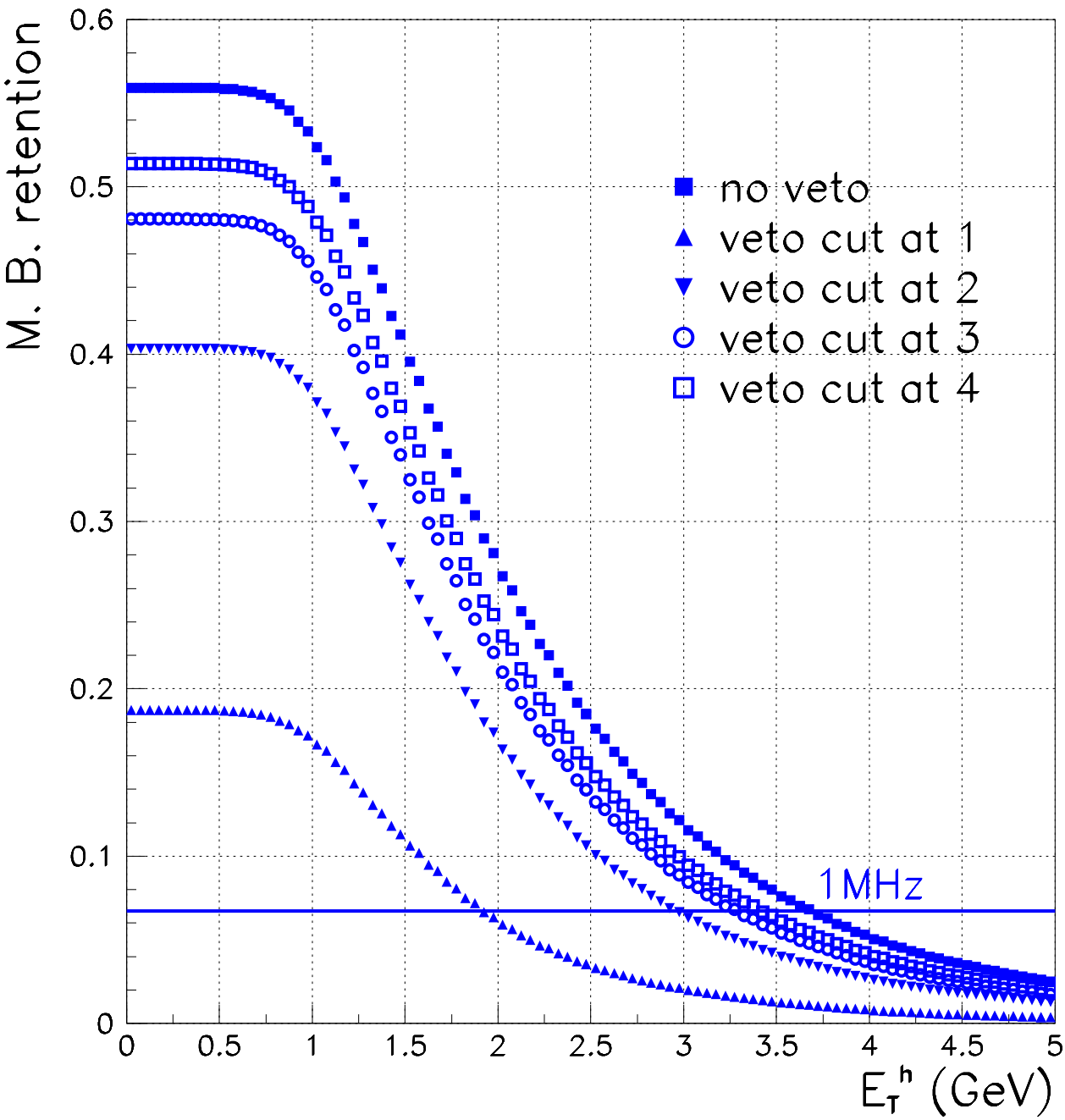
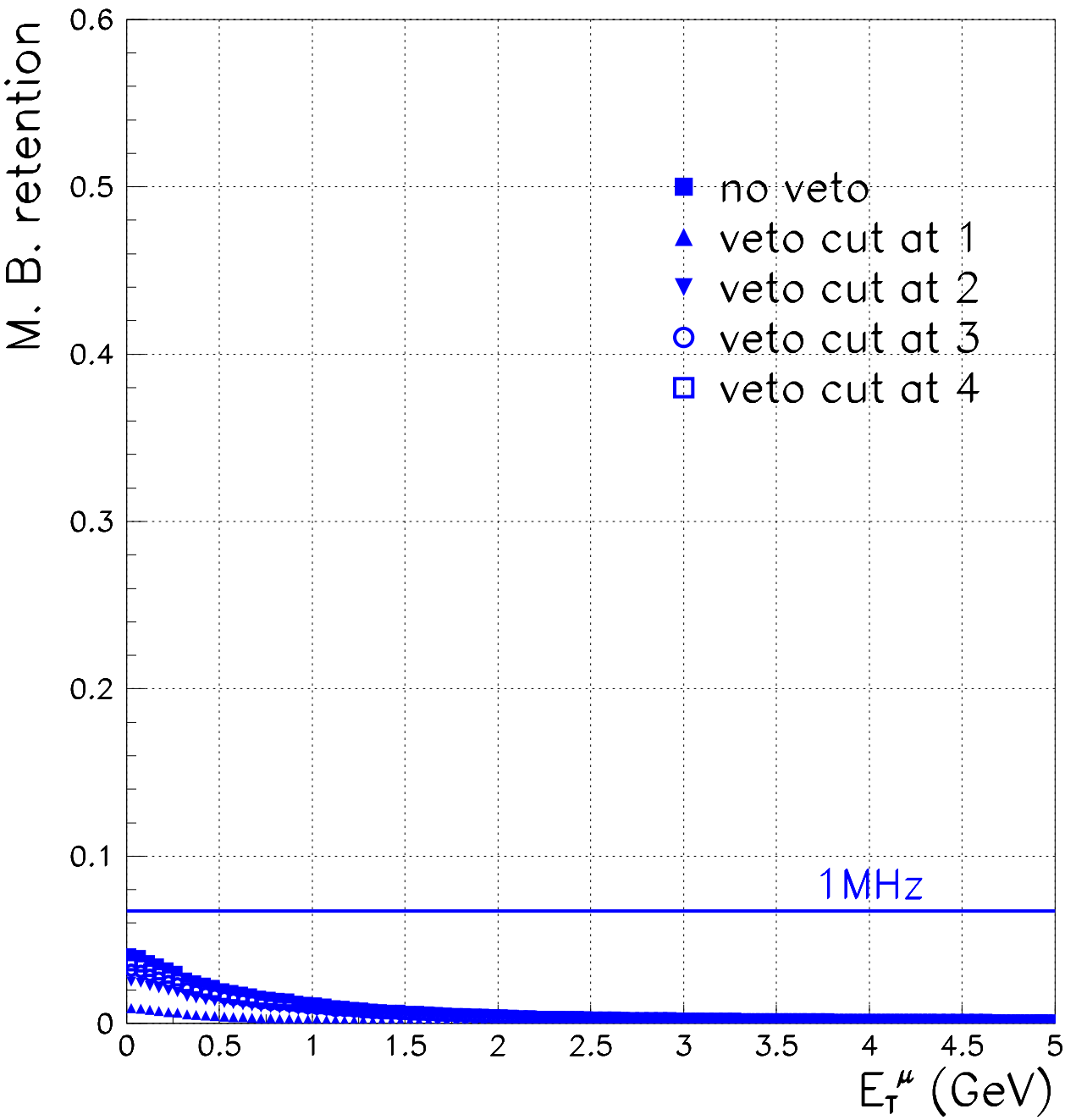
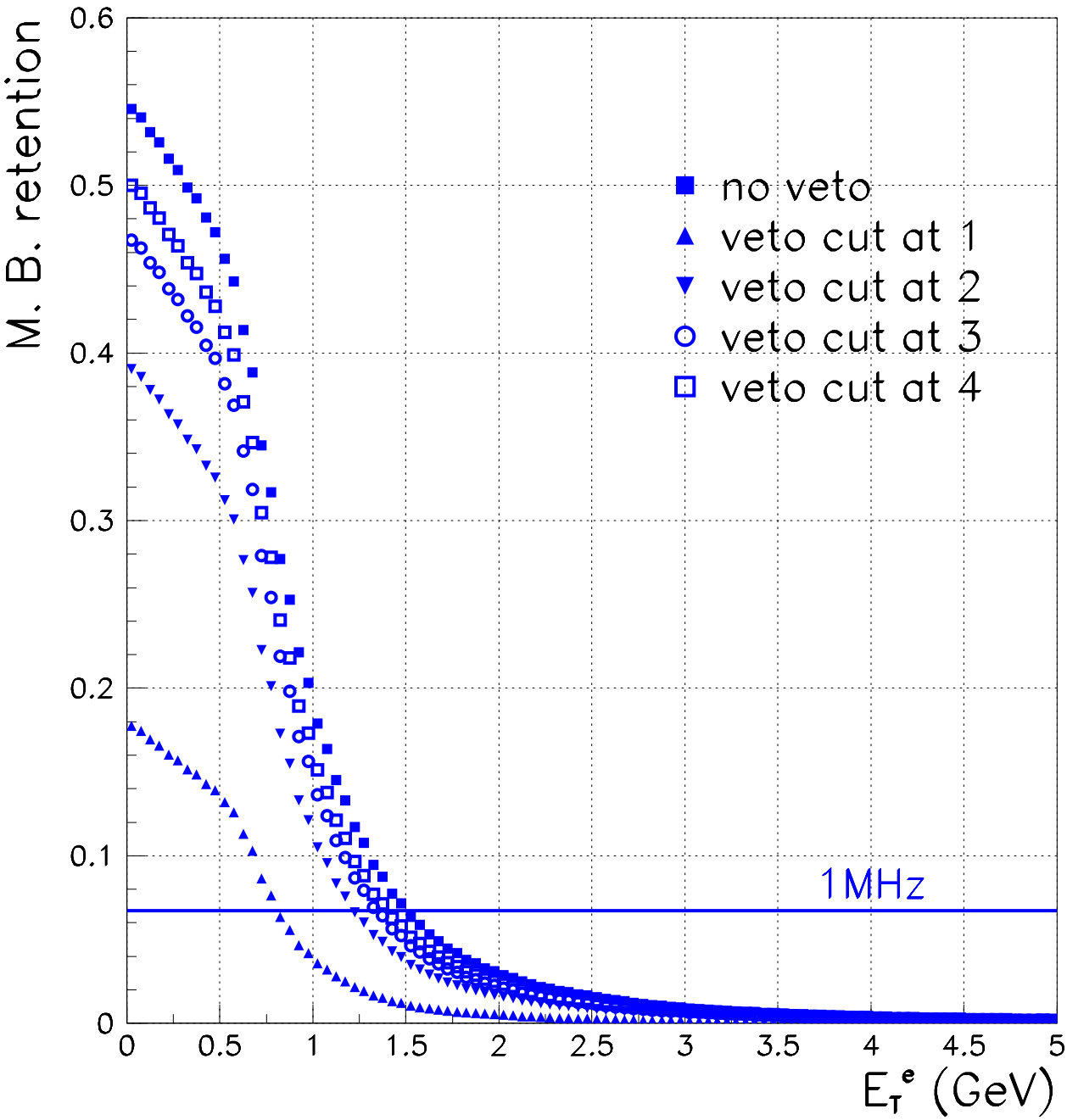
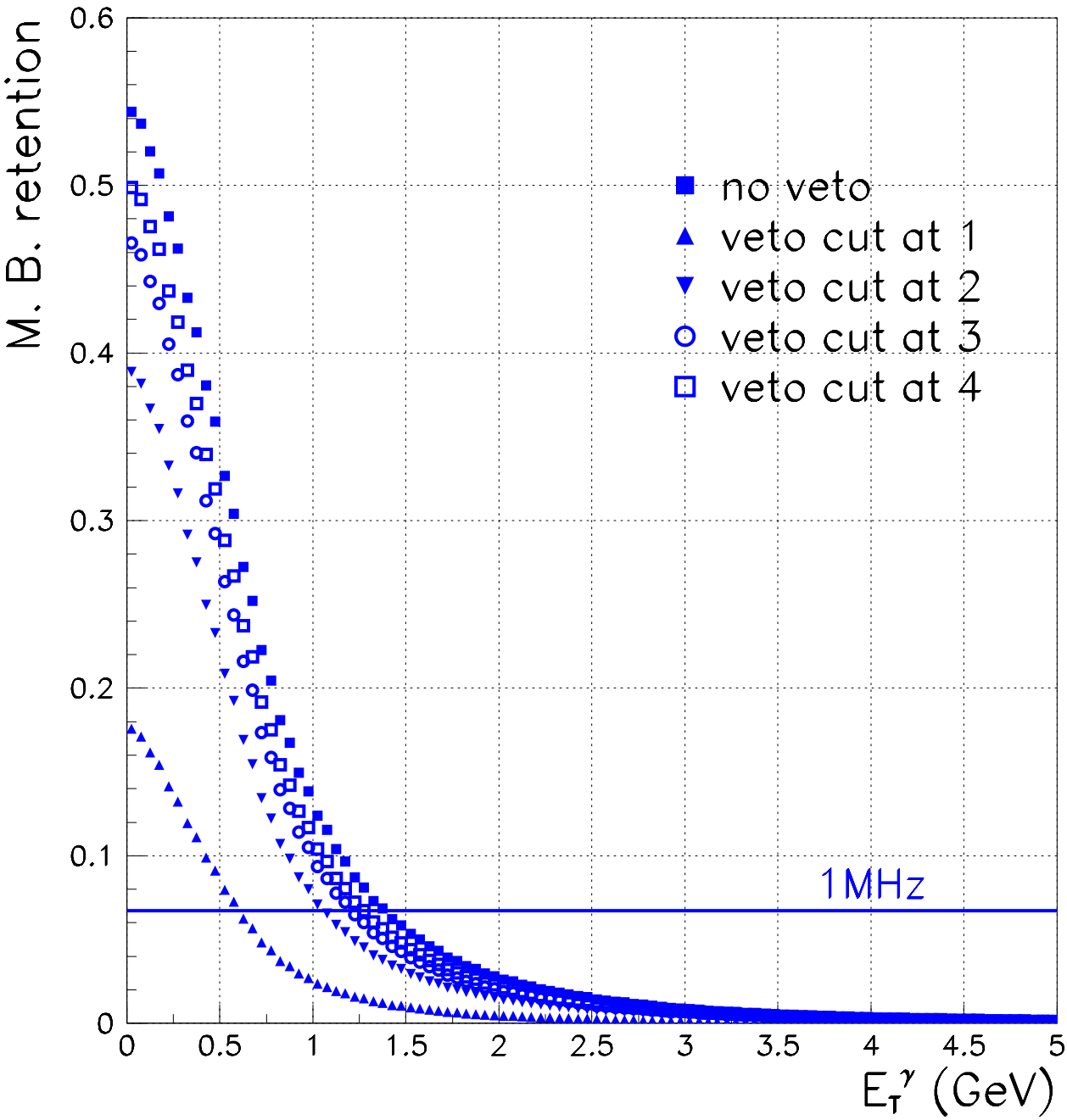
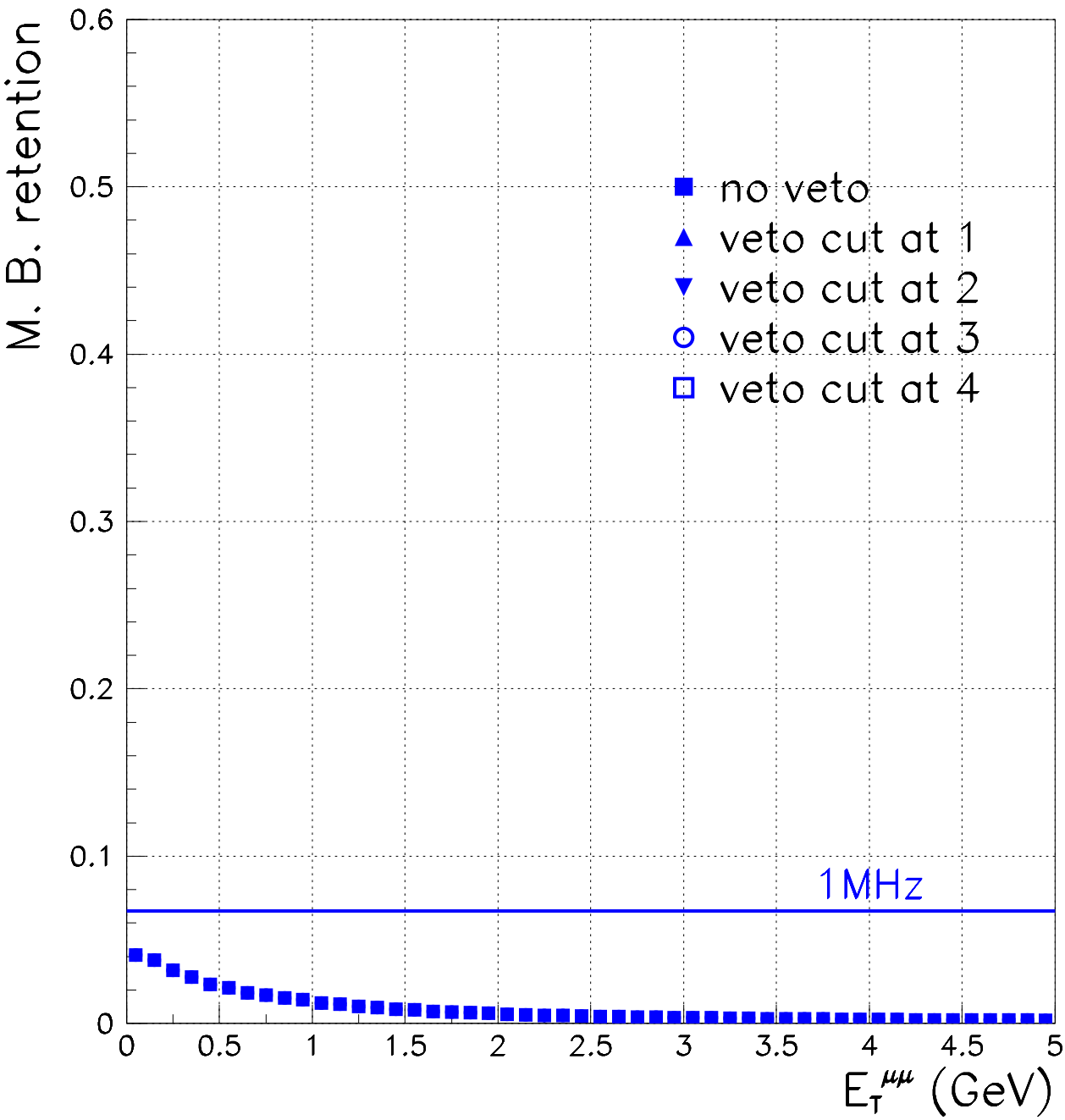
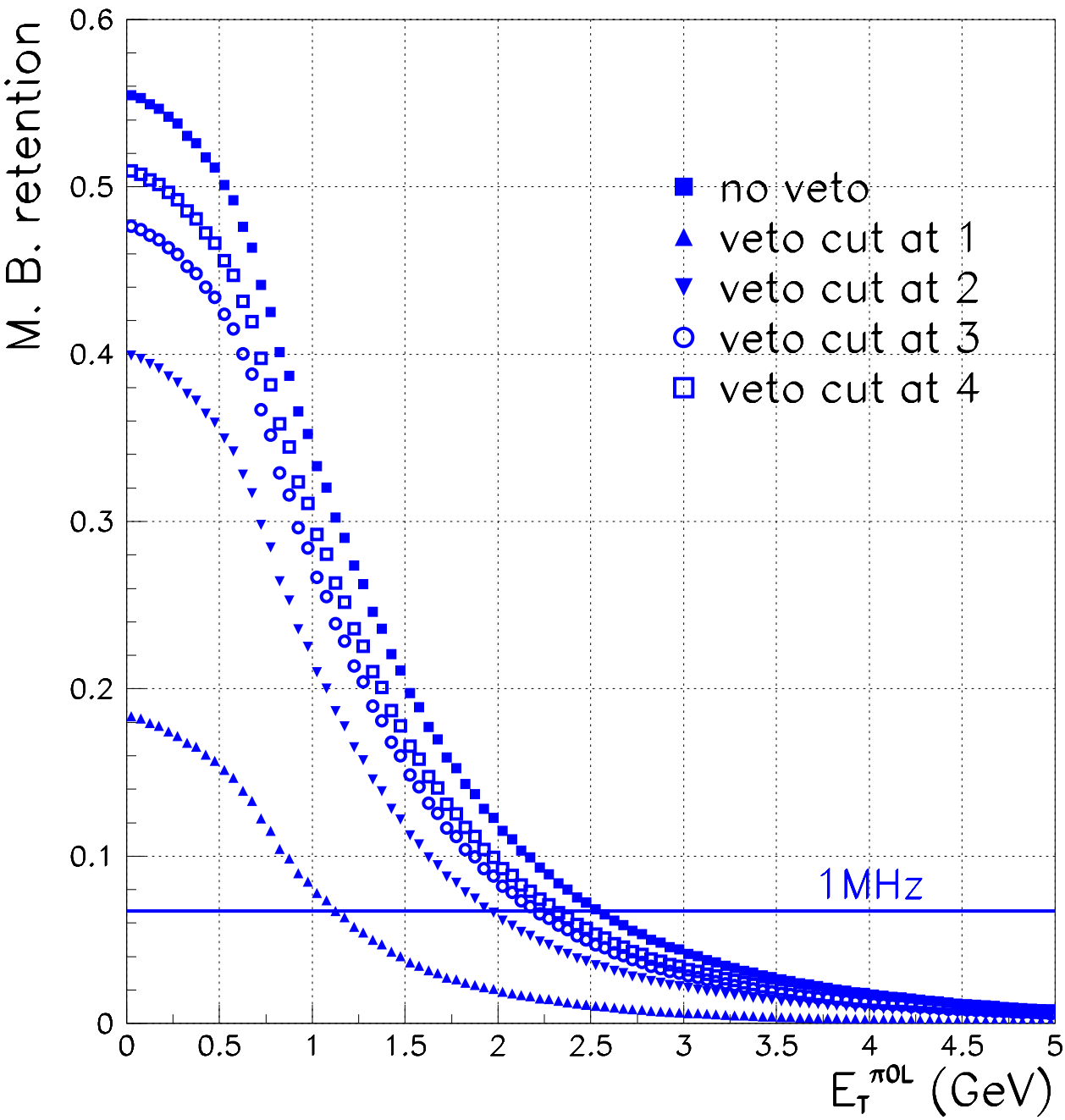

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^h (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

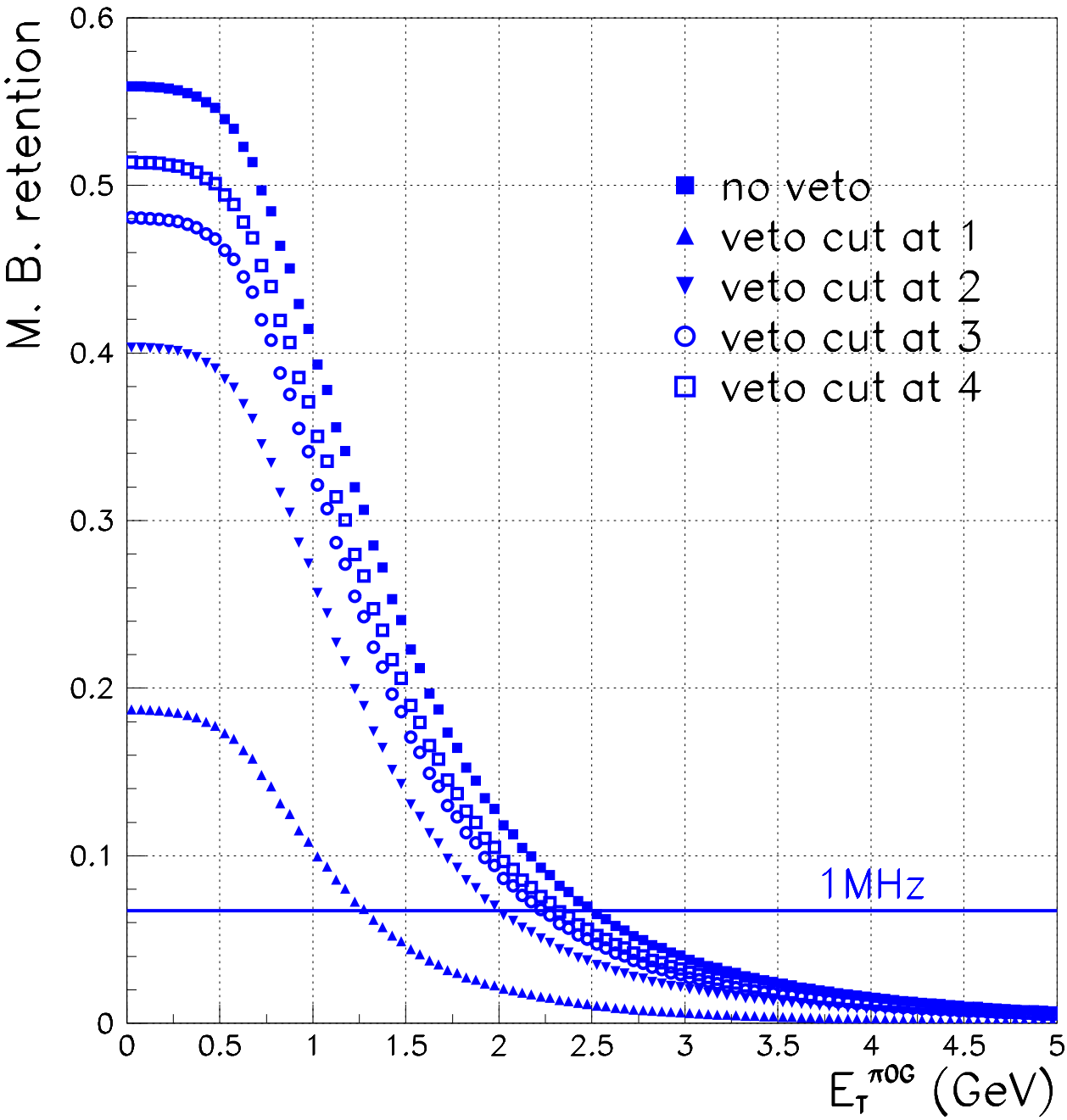

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^{μ} (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

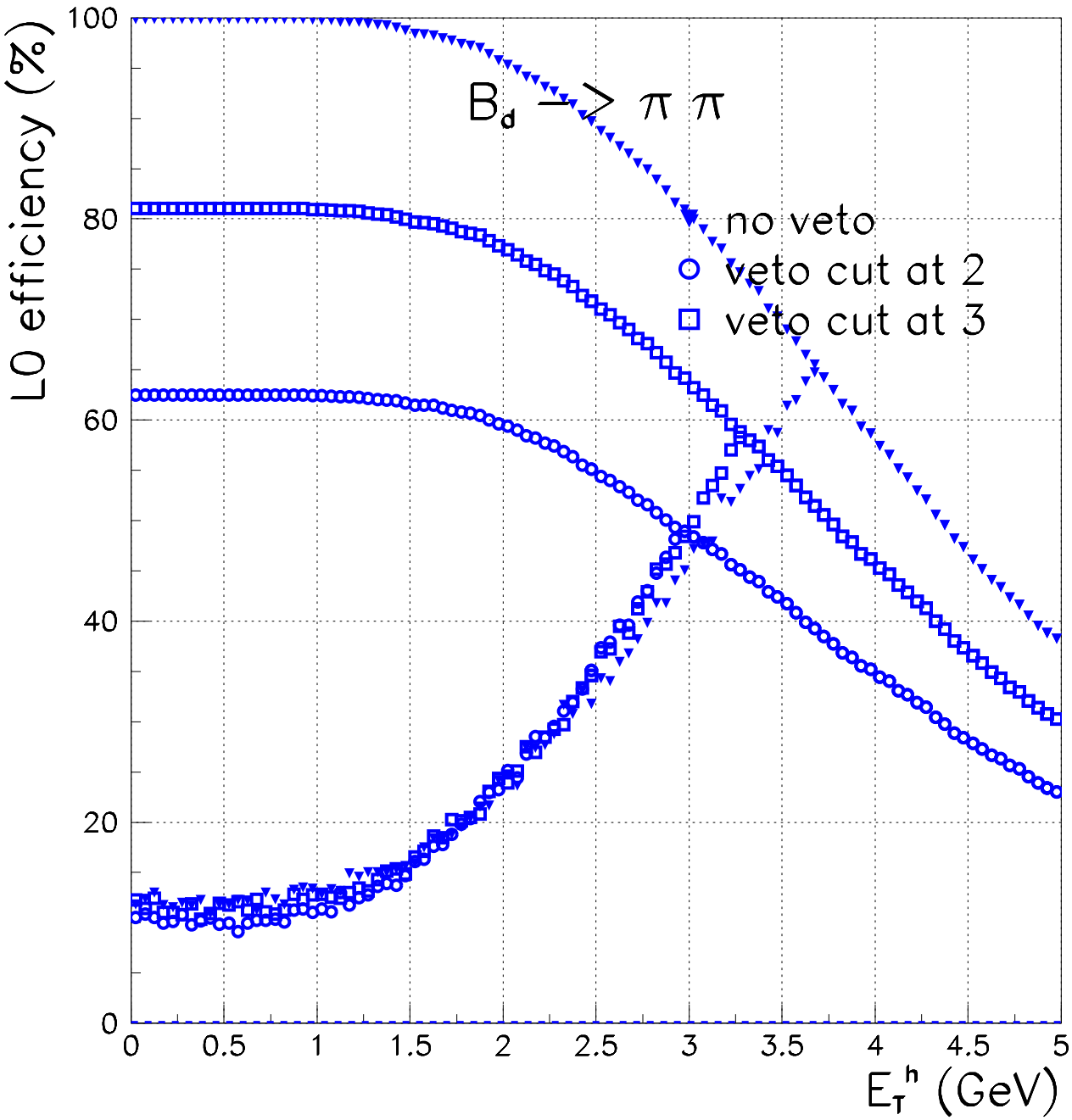

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^e (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

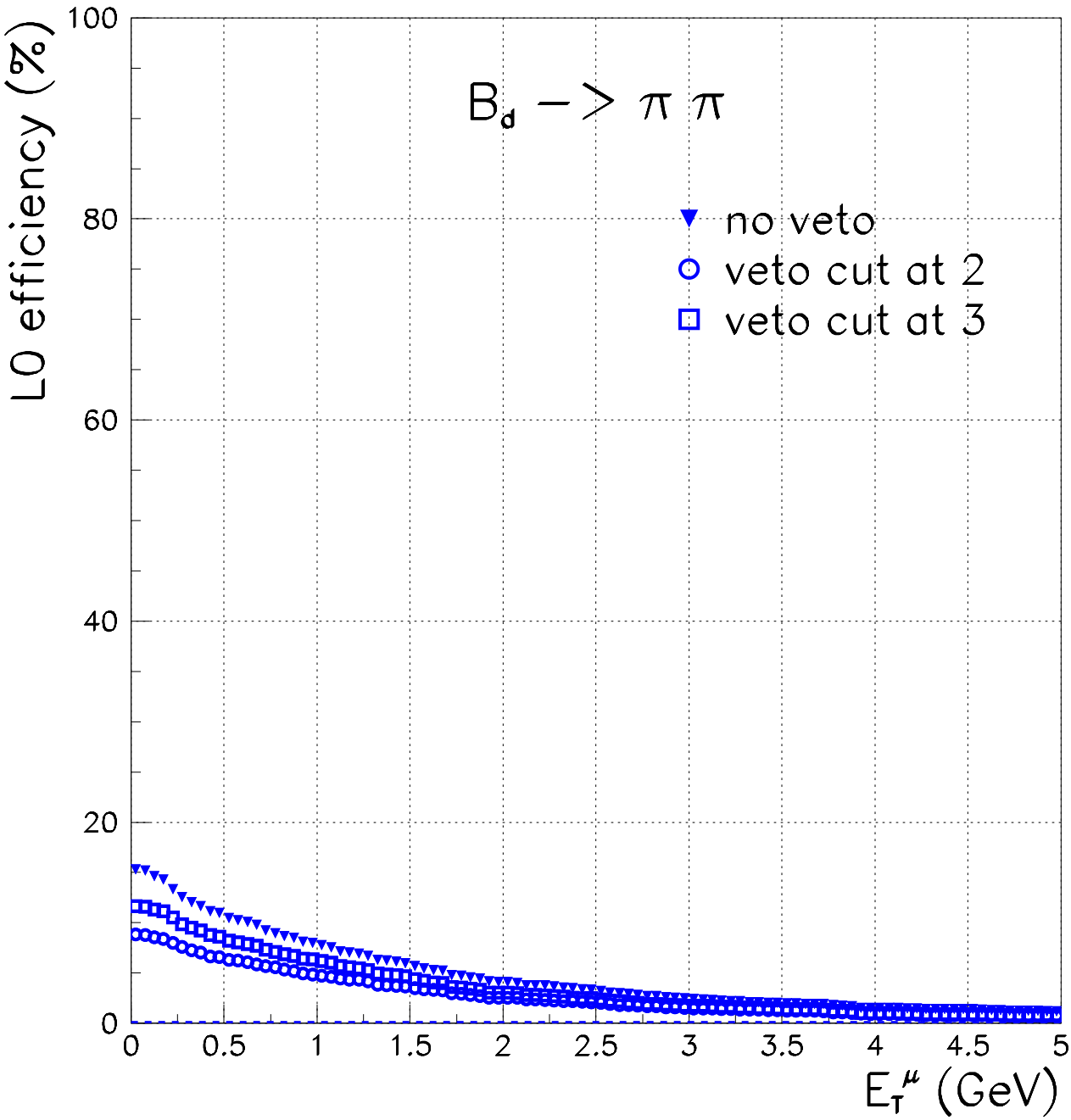

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^γ (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

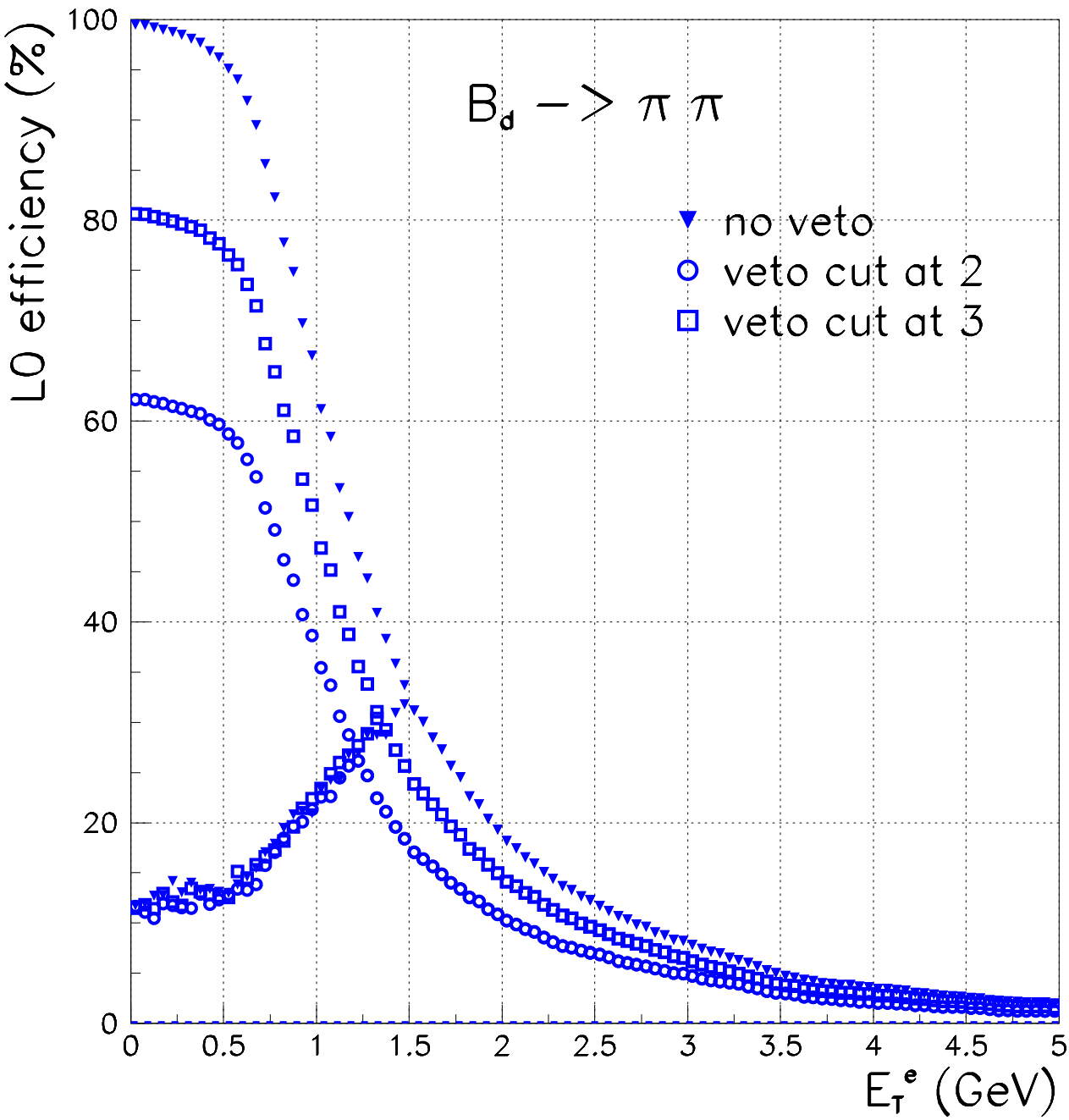

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\mu\mu}$ (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

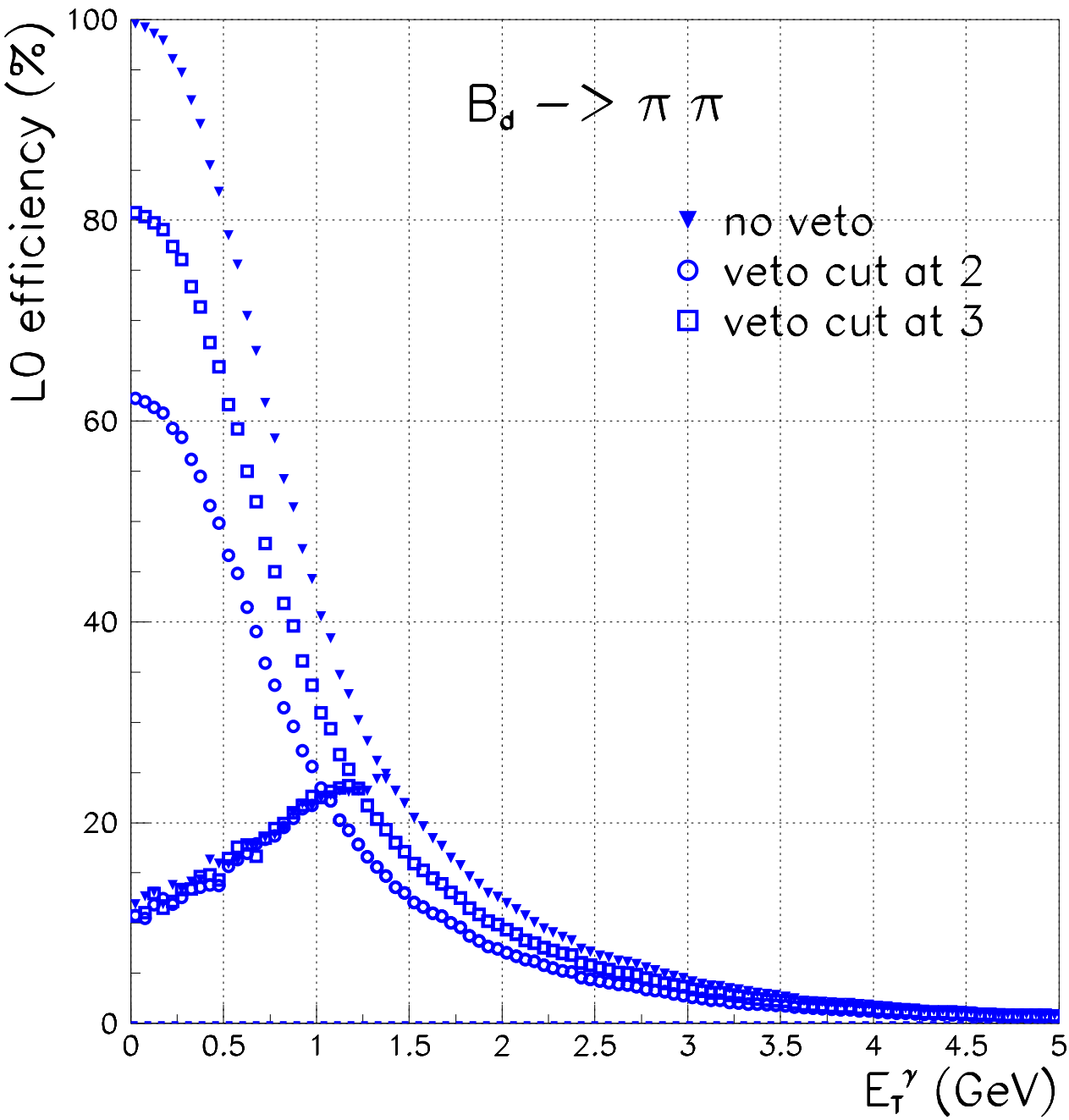

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\pi 0L}$ (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

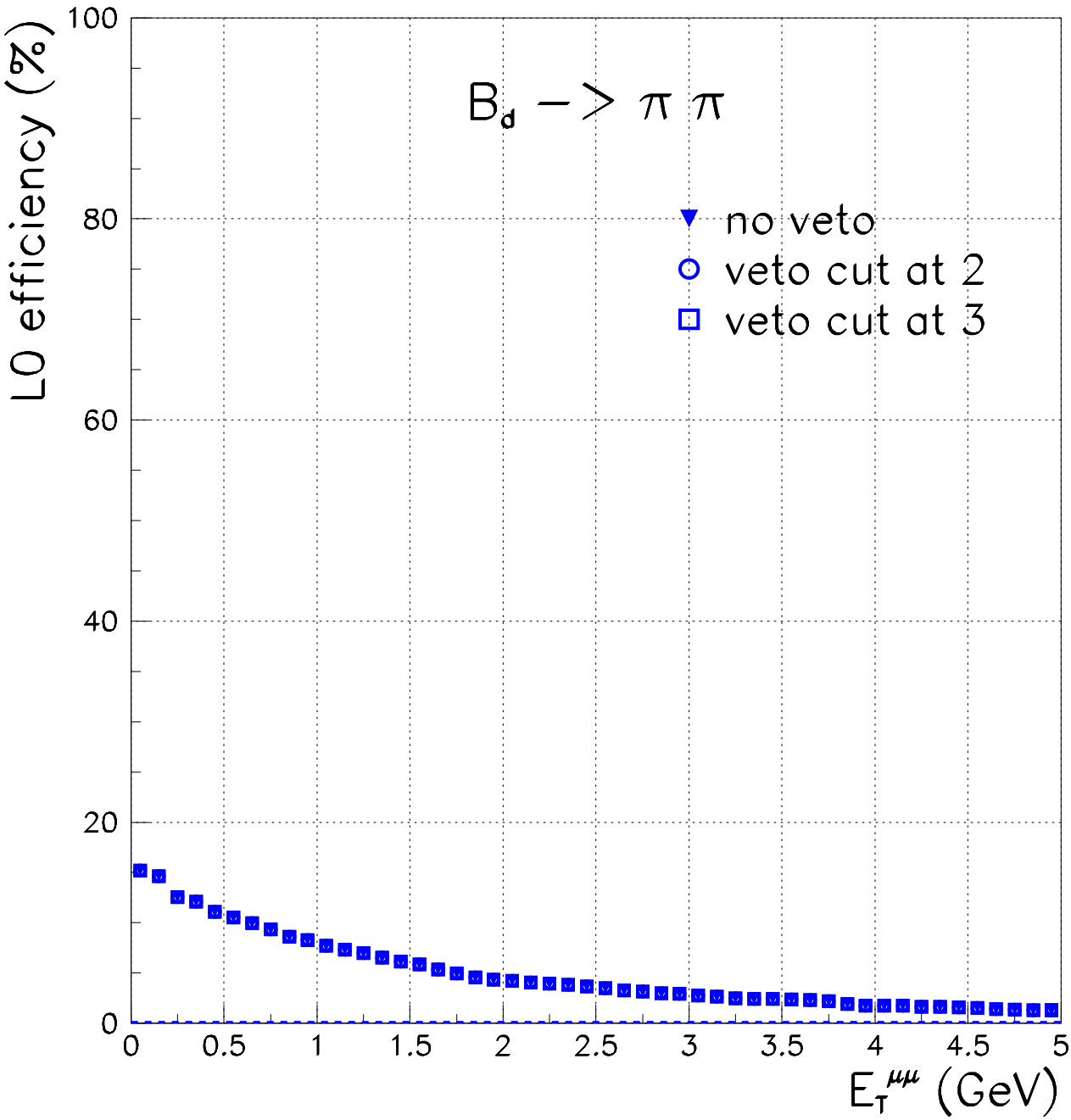

M. B. retention
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\pi 0 G}$ (GeV)
no veto
veto cut at 1
veto cut at 2
veto cut at 3
veto cut at 4
1MHz

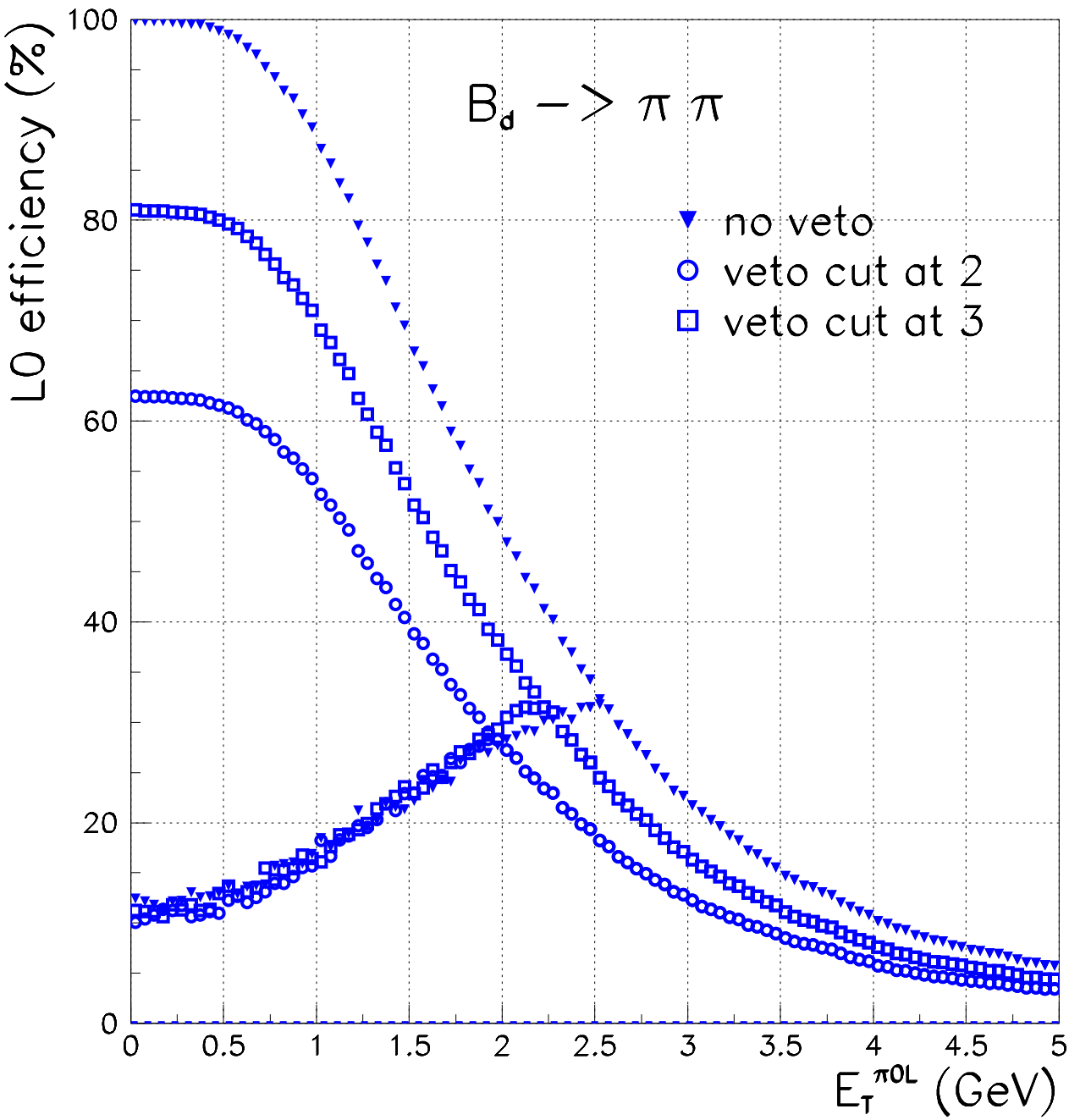

L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^h (GeV)
$B_d \rightarrow \pi\ \pi$
no veto
veto cut at 2
veto cut at 3

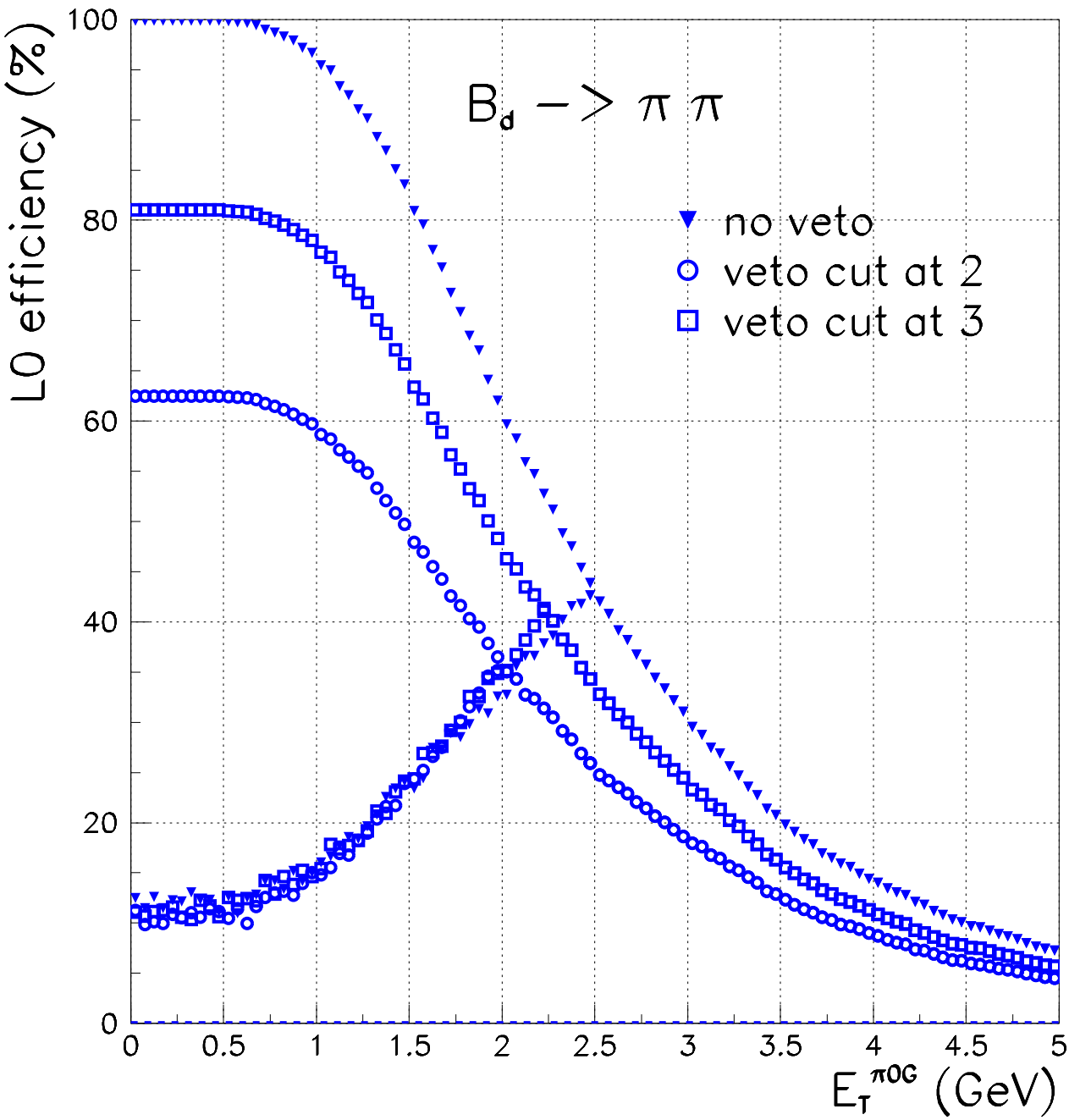

L0 efficiency (%)
100
80
60
40
20
0
$B_d -> \pi\ \pi$
no veto
veto cut at 2
veto cut at 3
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^μ (GeV)


L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^e (GeV)
$B_d -> \pi\ \pi$
no veto
veto cut at 2
veto cut at 3


L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_T^γ (GeV)
$B_d -> \pi\ \pi$
no veto
veto cut at 2
veto cut at 3


L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\mu\mu}$ (GeV)
$B_d -> \pi\ \pi$
no veto
veto cut at 2
veto cut at 3


L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\pi 0L}$ (GeV)
$B_d -> \pi\ \pi$
no veto
veto cut at 2
veto cut at 3


L0 efficiency (%)
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$E_T^{\pi 0G}$ (GeV)
$B_d -> \pi\pi$
no veto
veto cut at 2
veto cut at 3