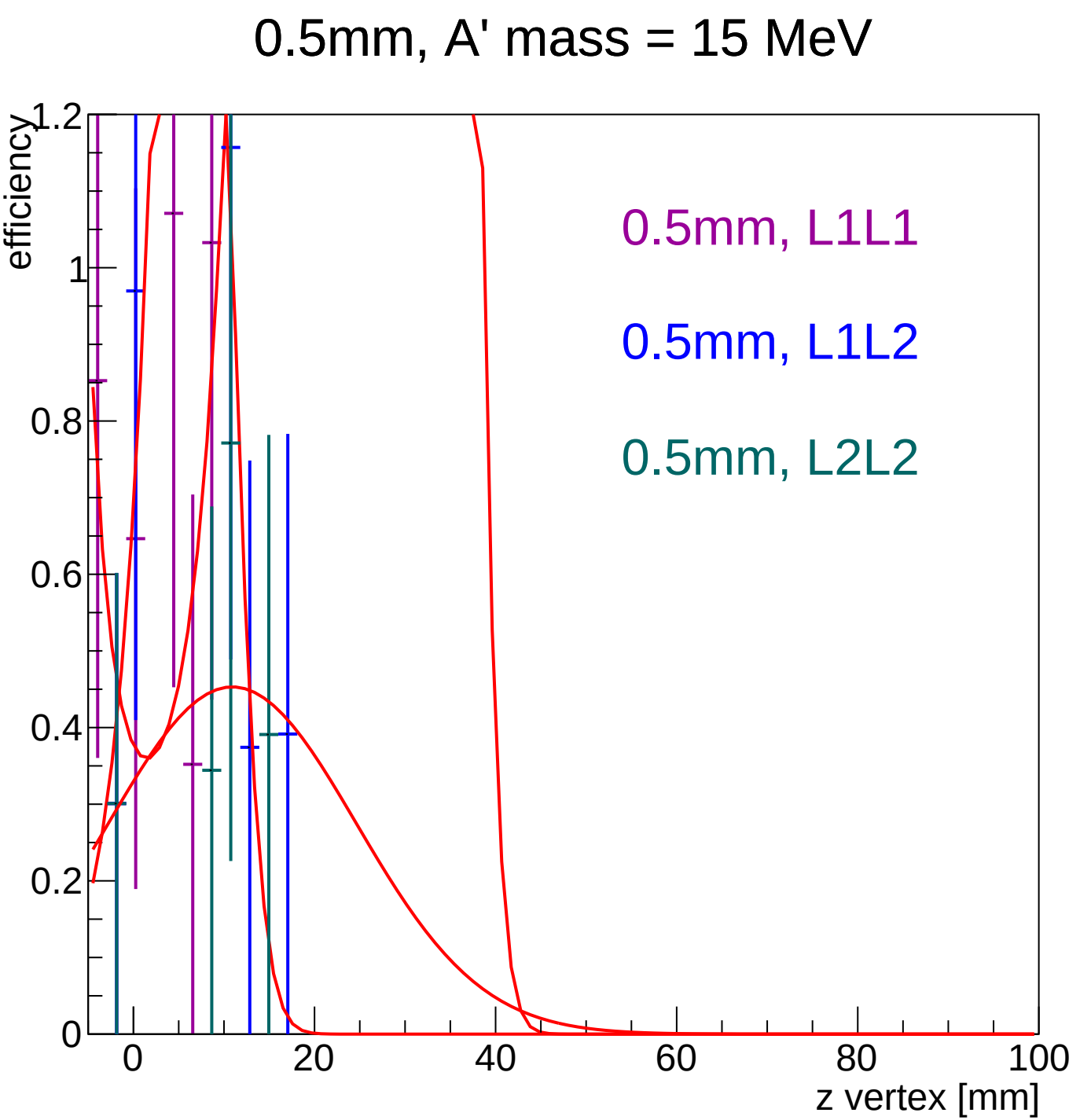
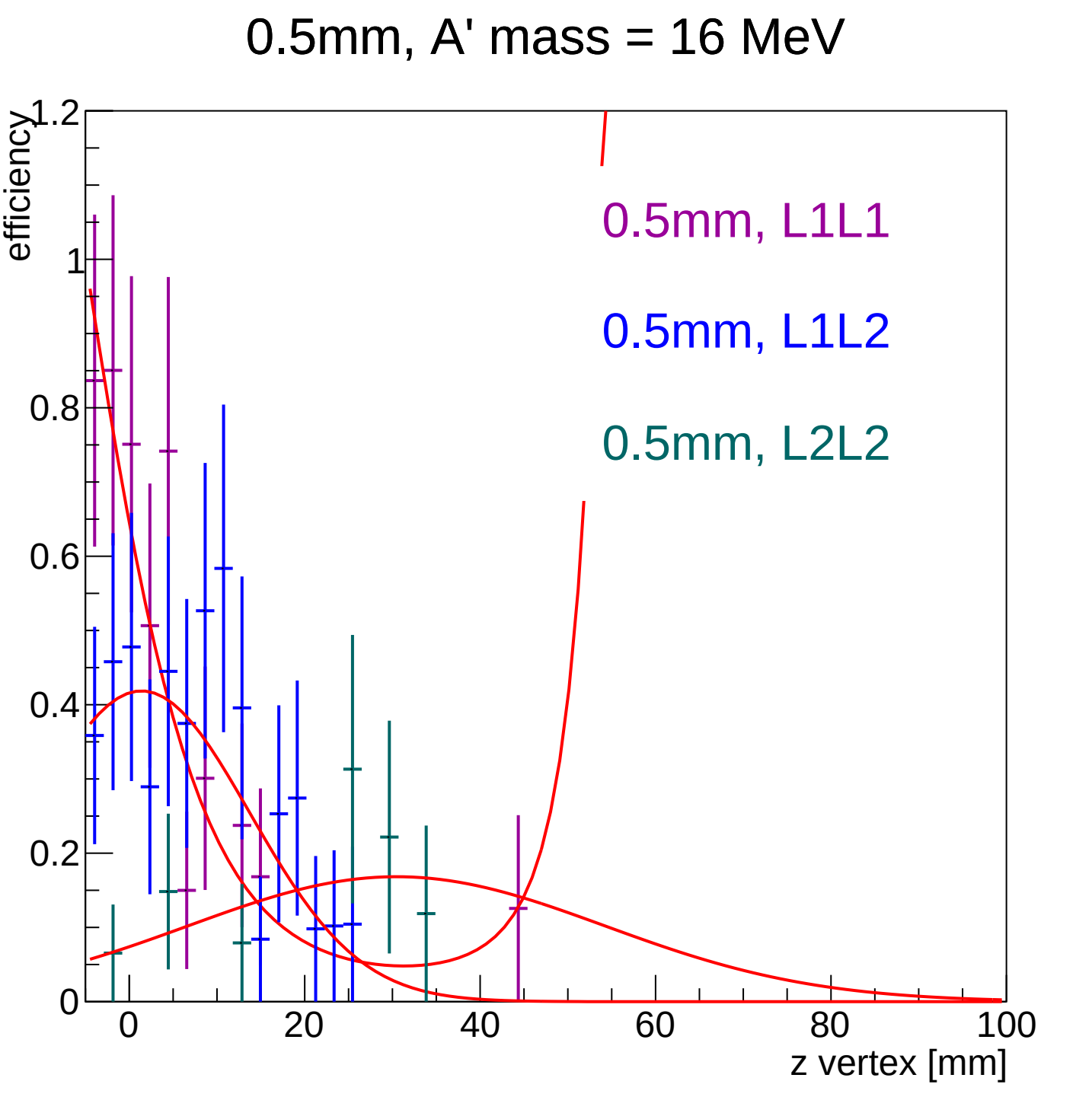
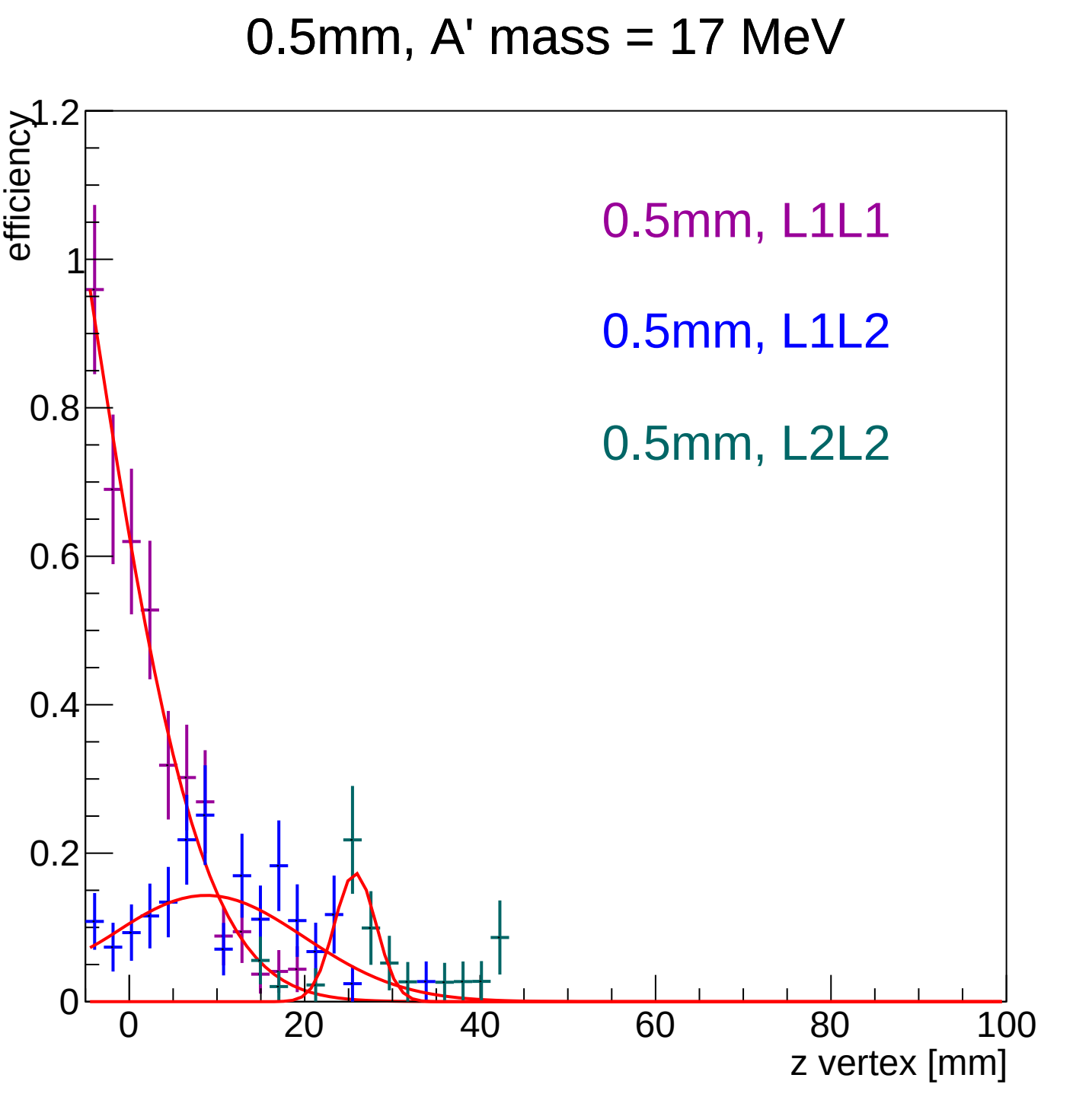
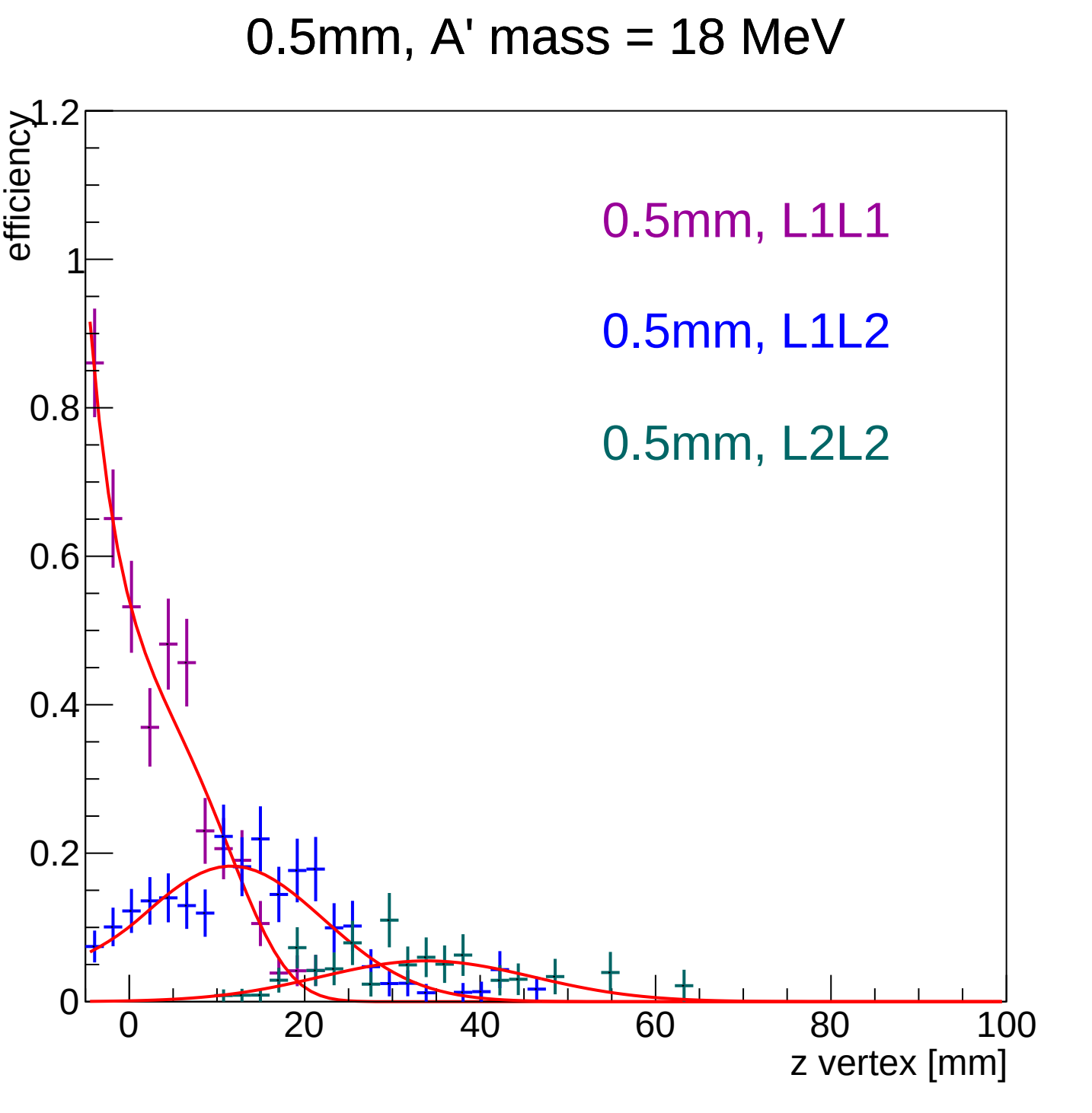
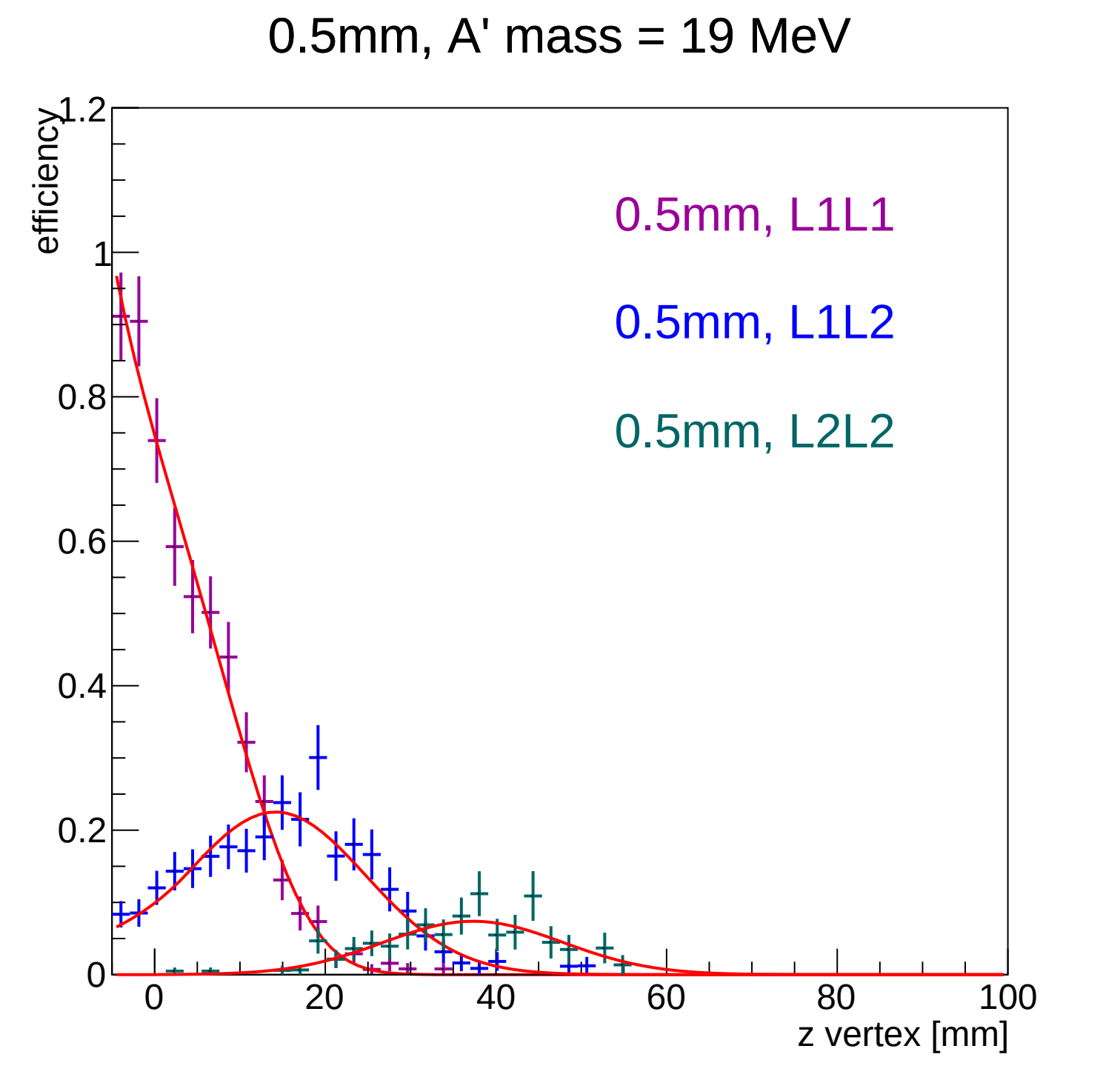
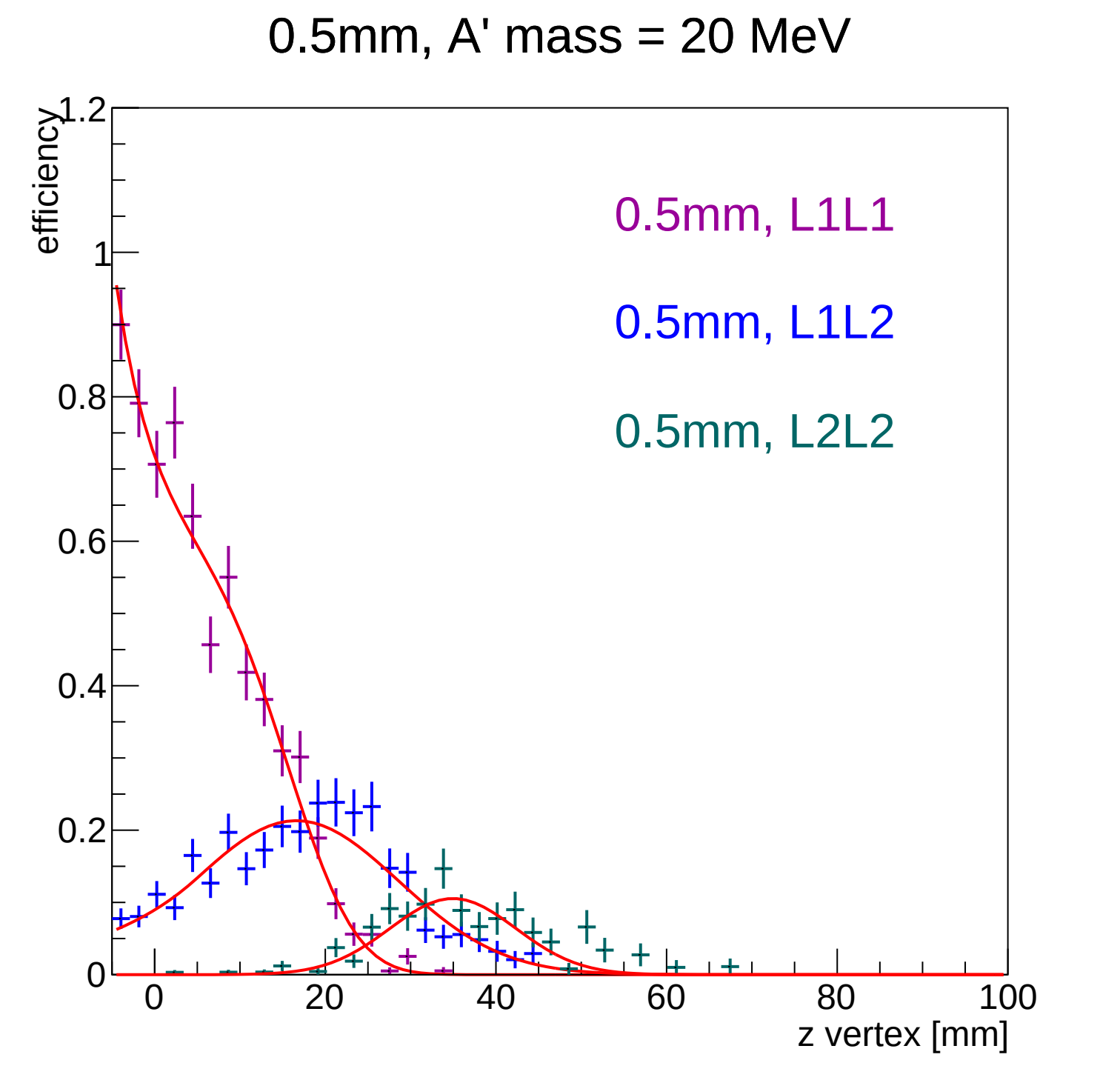

0.5mm, A' mass = 15 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

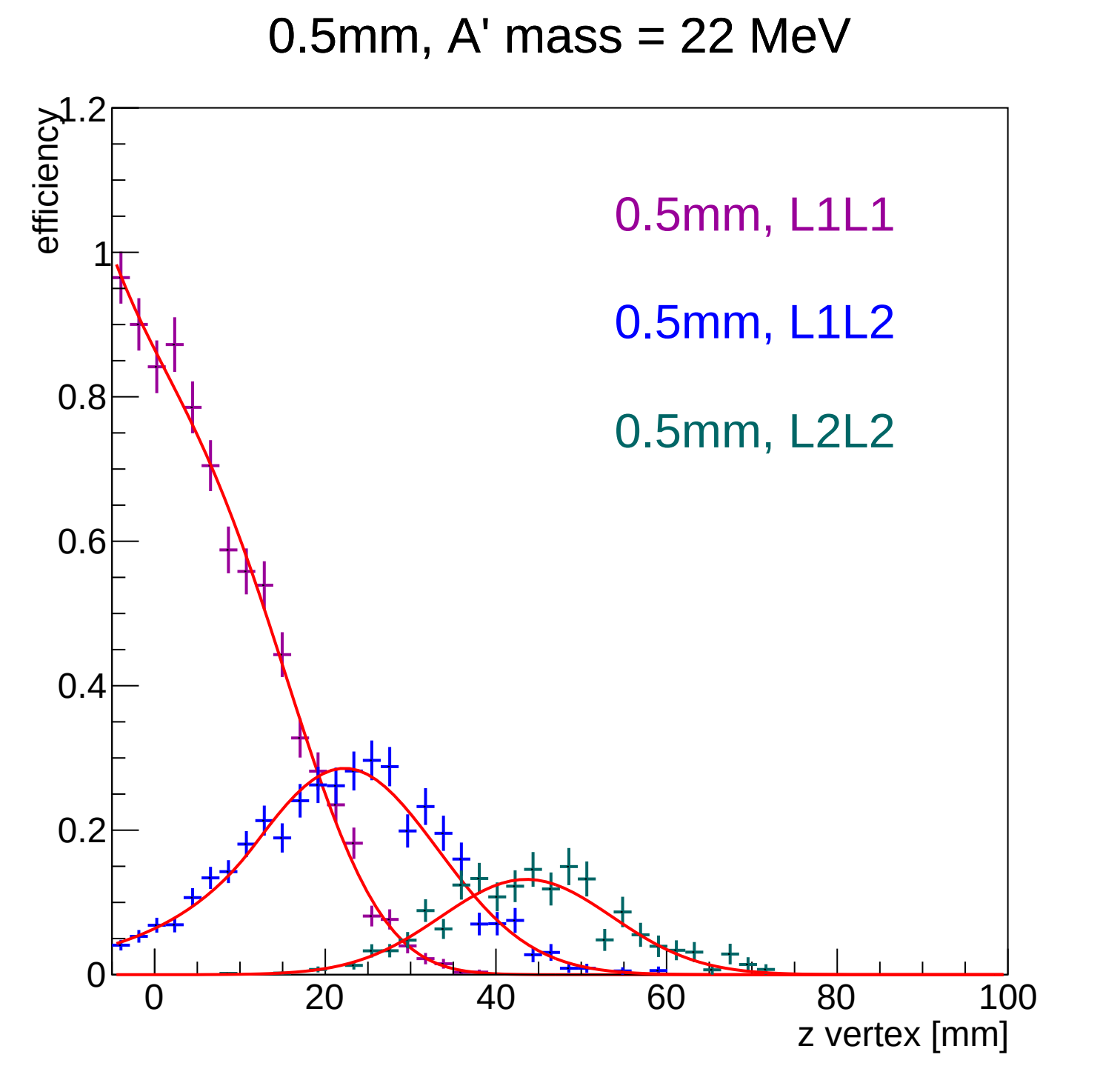

0.5mm, A' mass = 16 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

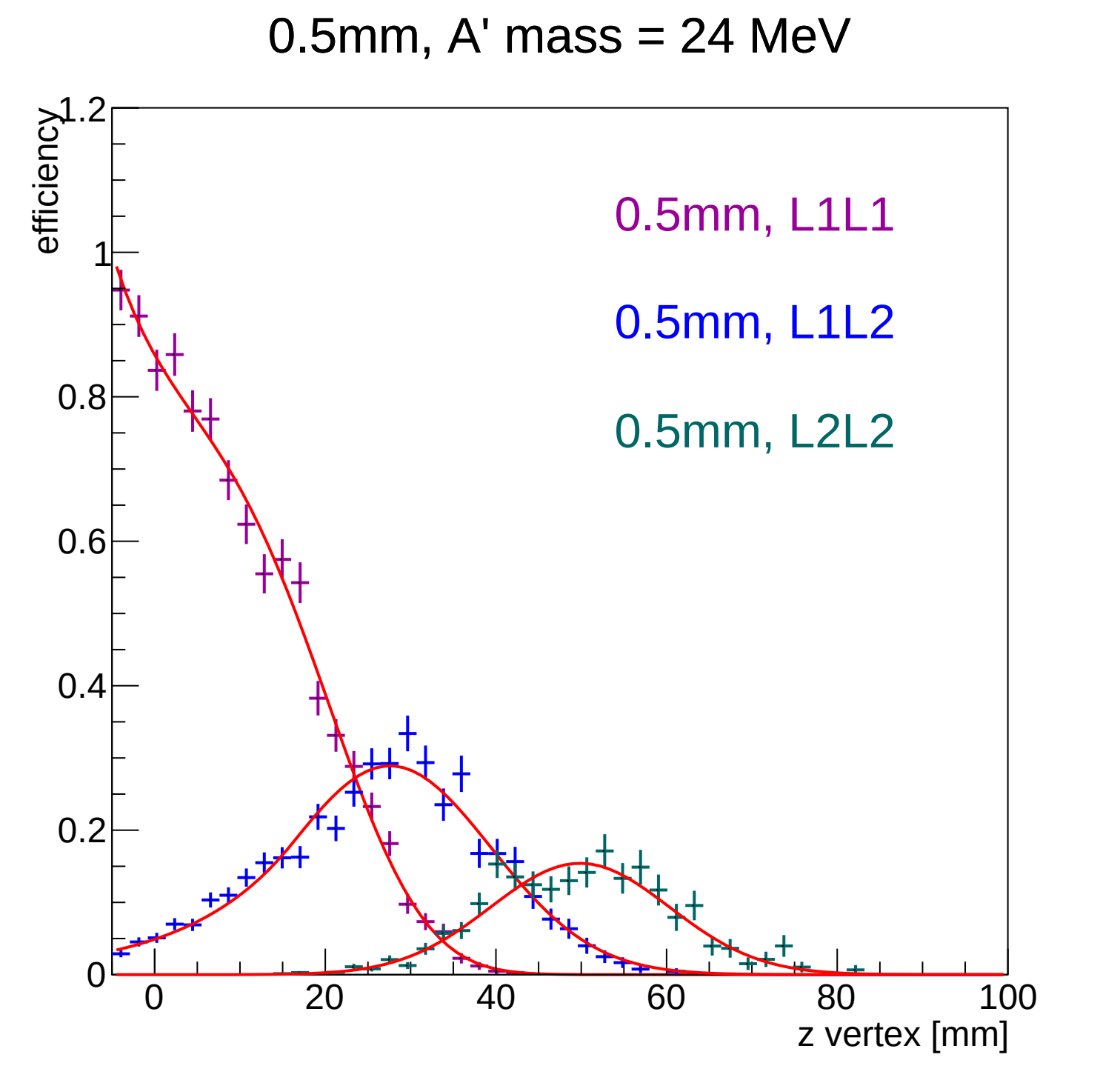

0.5mm, A' mass = 17 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

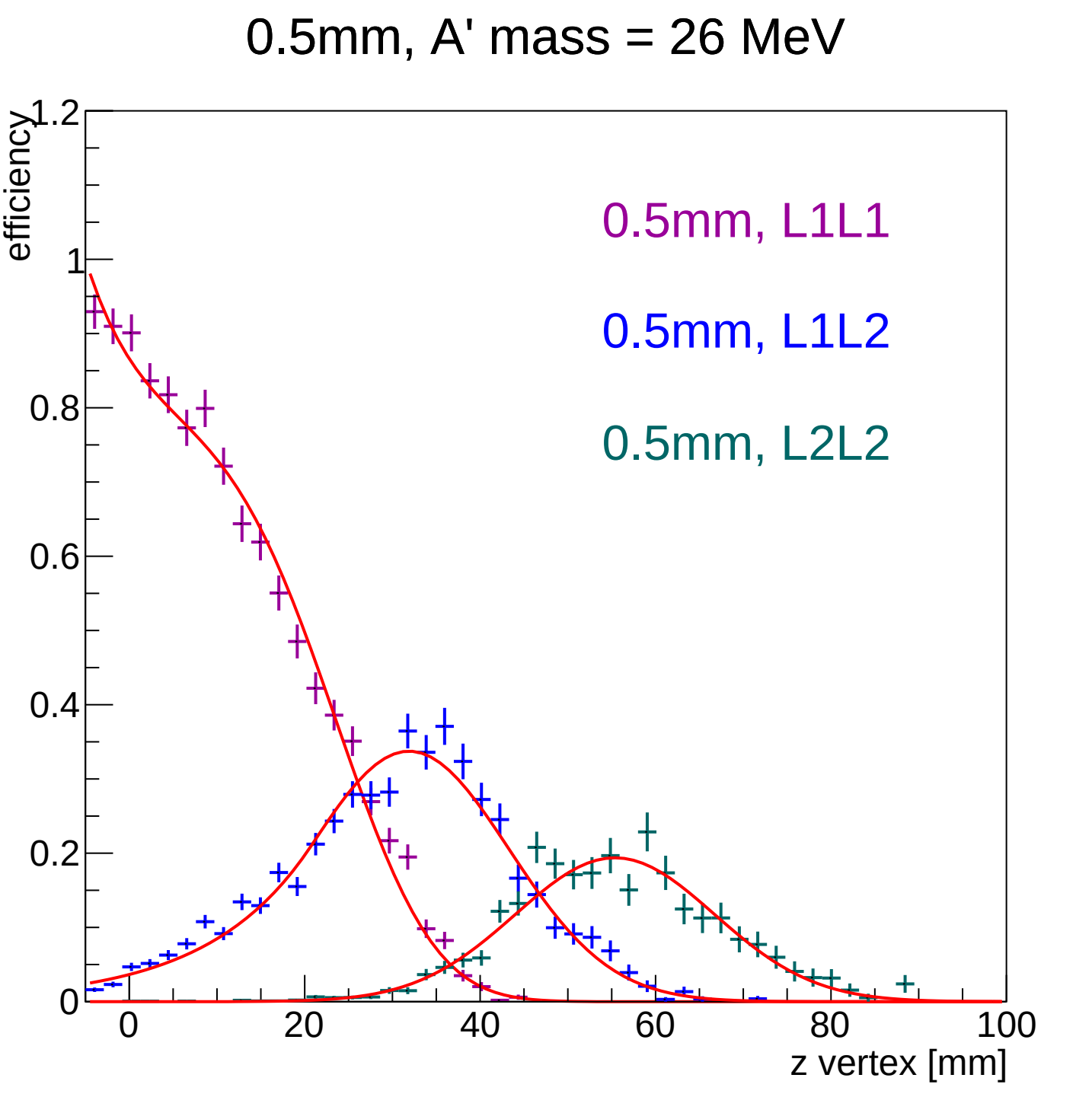

0.5mm, A' mass = 18 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

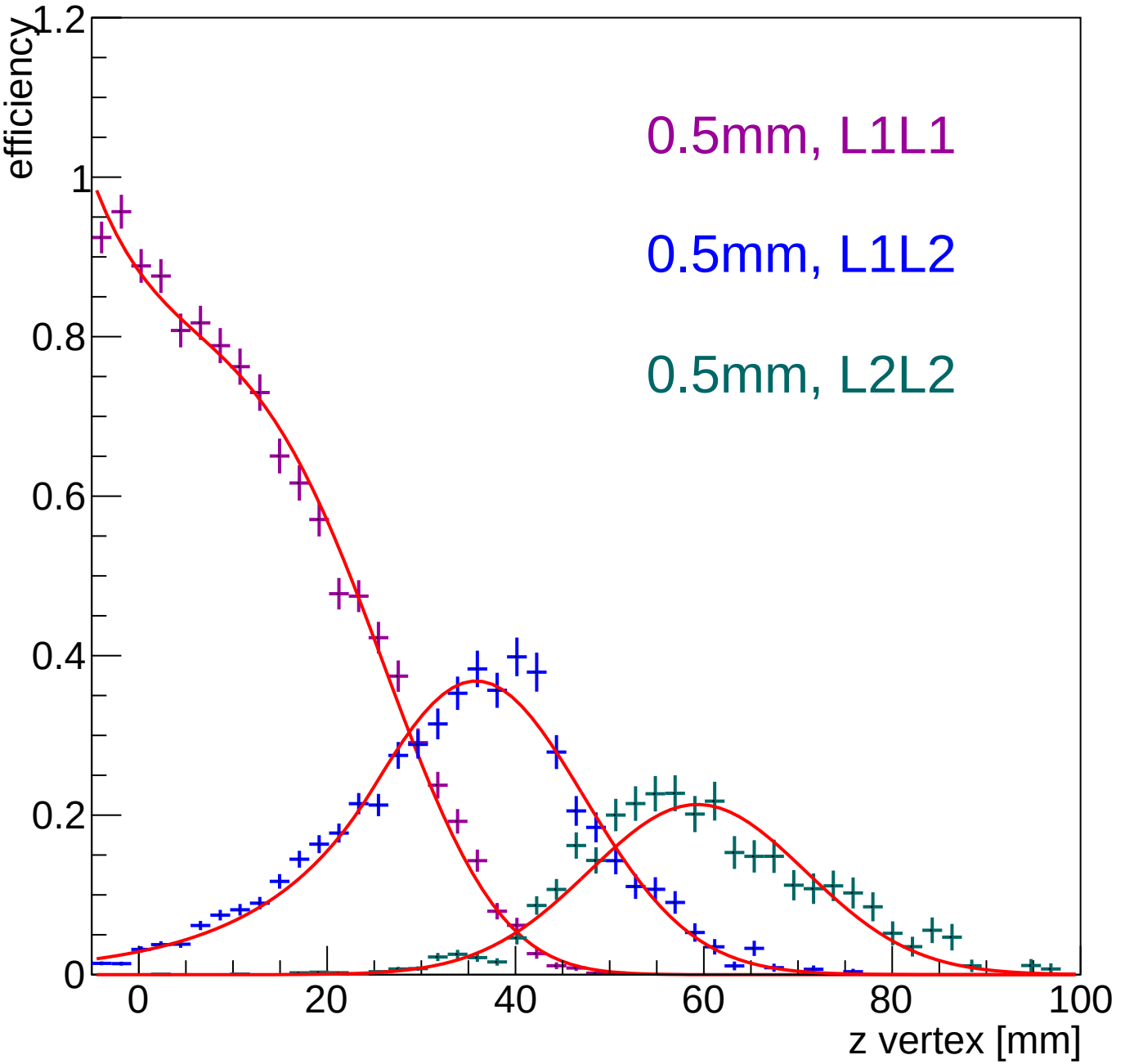

0.5mm, A' mass = 19 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

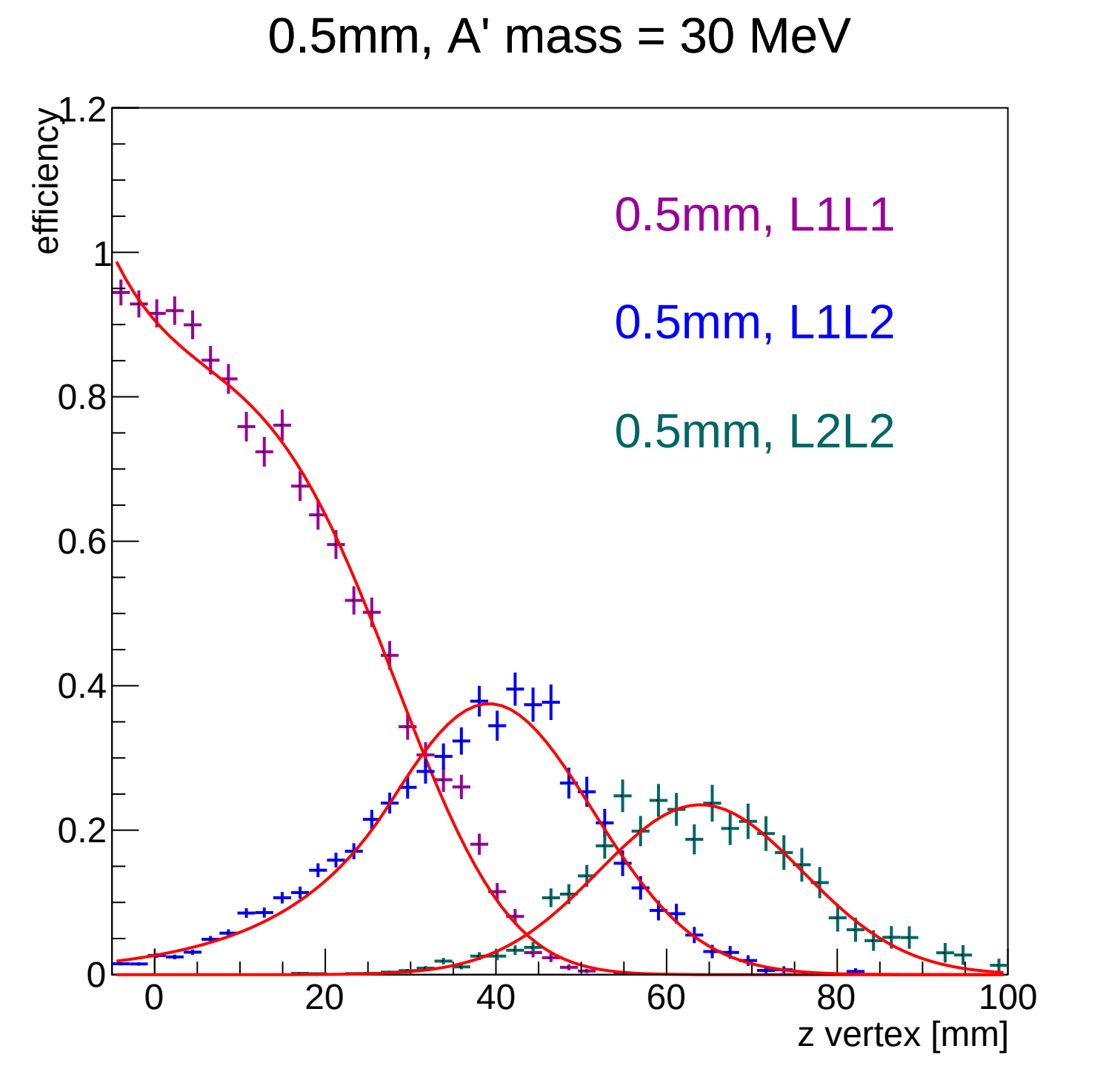

0.5mm, A' mass = 20 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

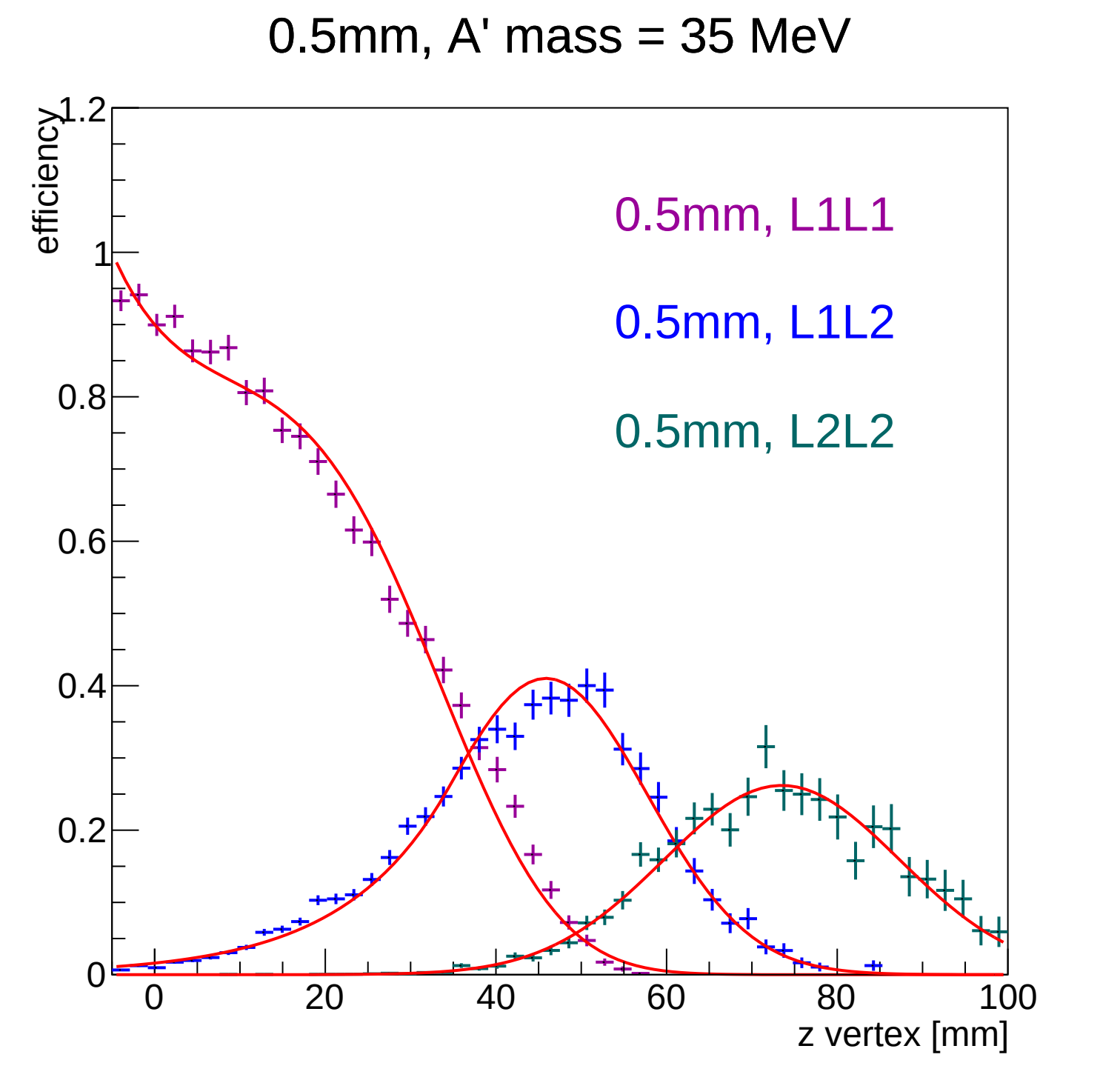

0.5mm, A' mass = 22 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

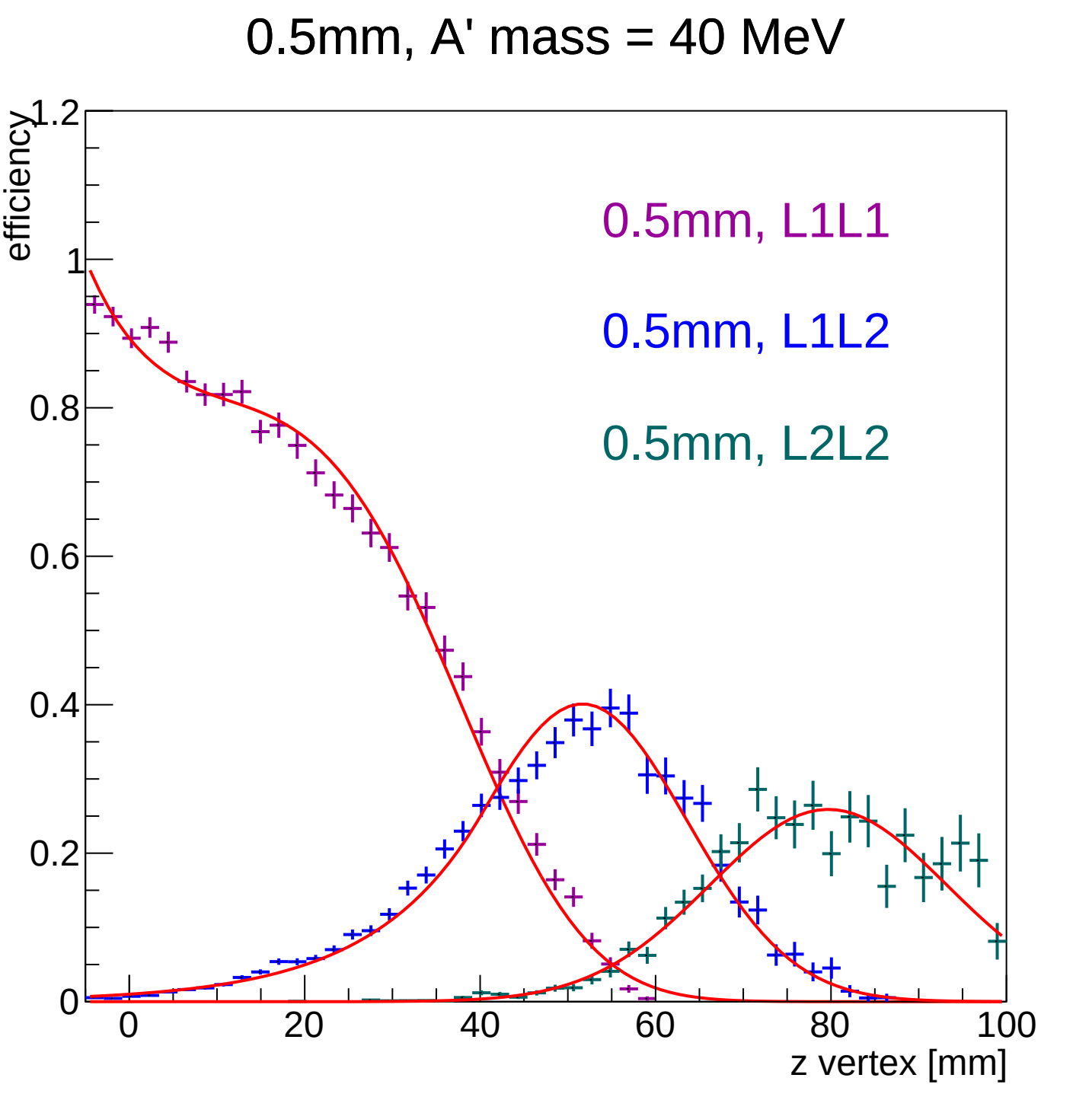

0.5mm, A' mass = 24 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

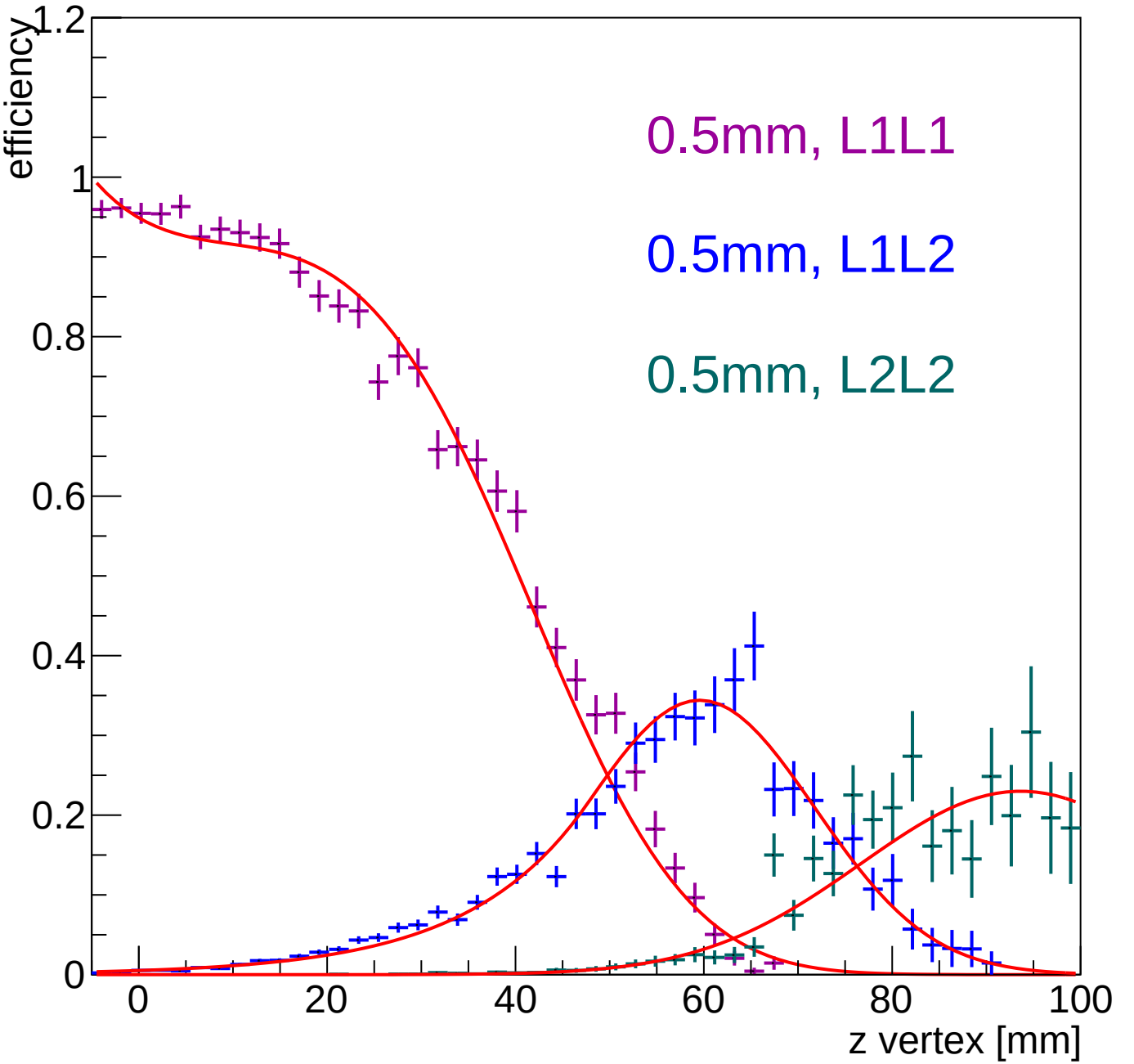

0.5mm, A' mass = 26 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

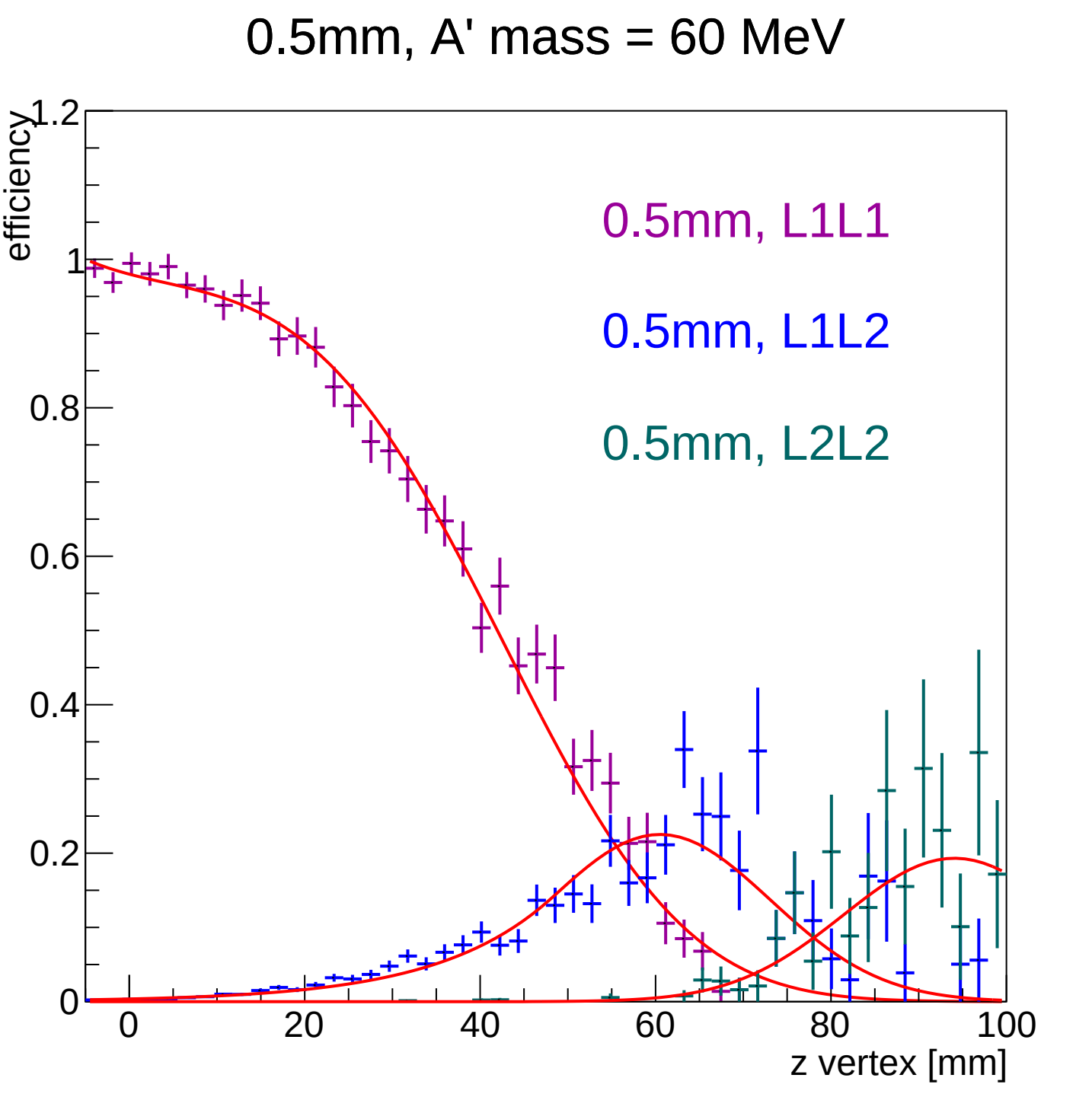

0.5mm, A' mass = 28 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

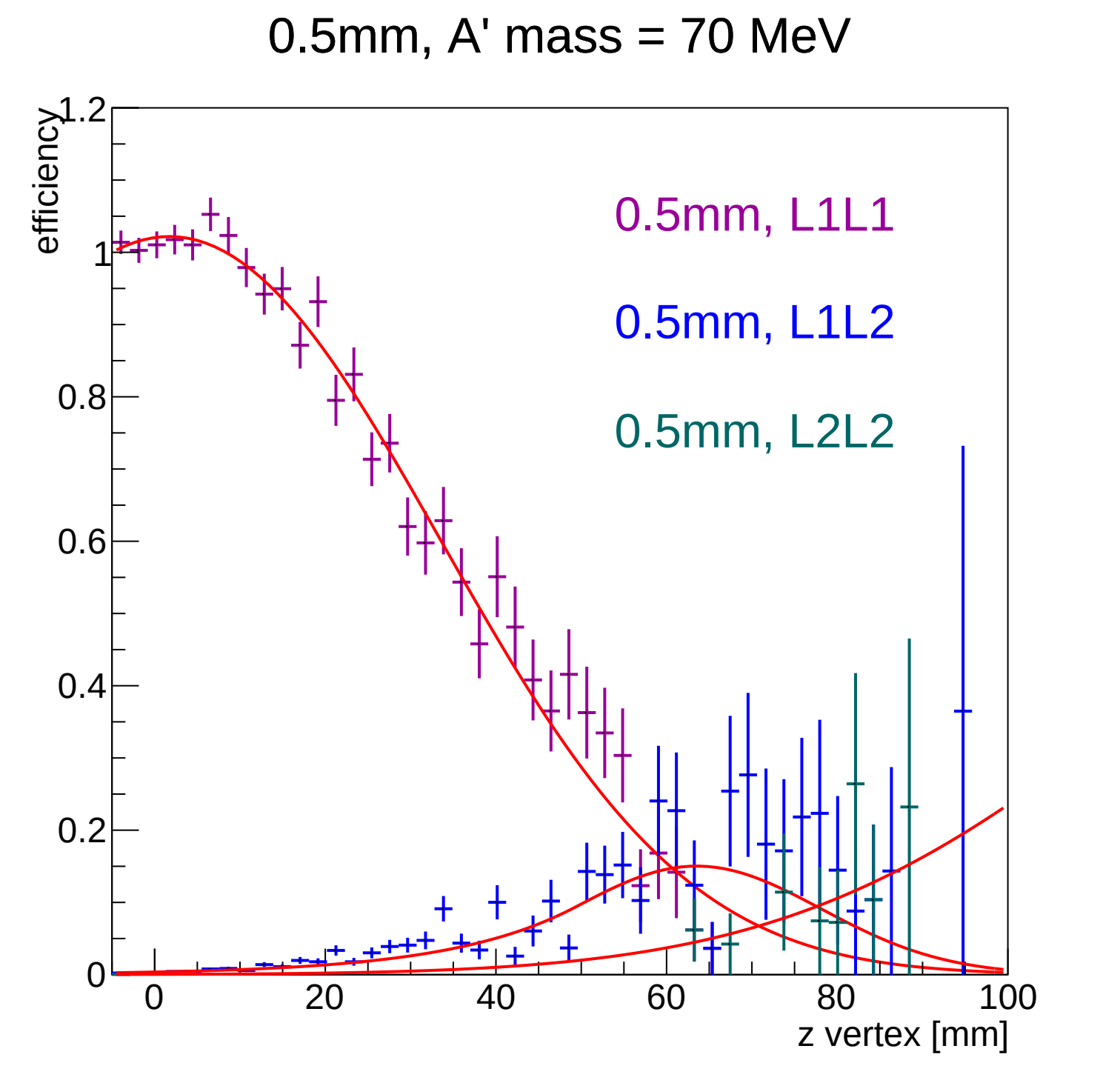

0.5mm, A' mass = 30 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

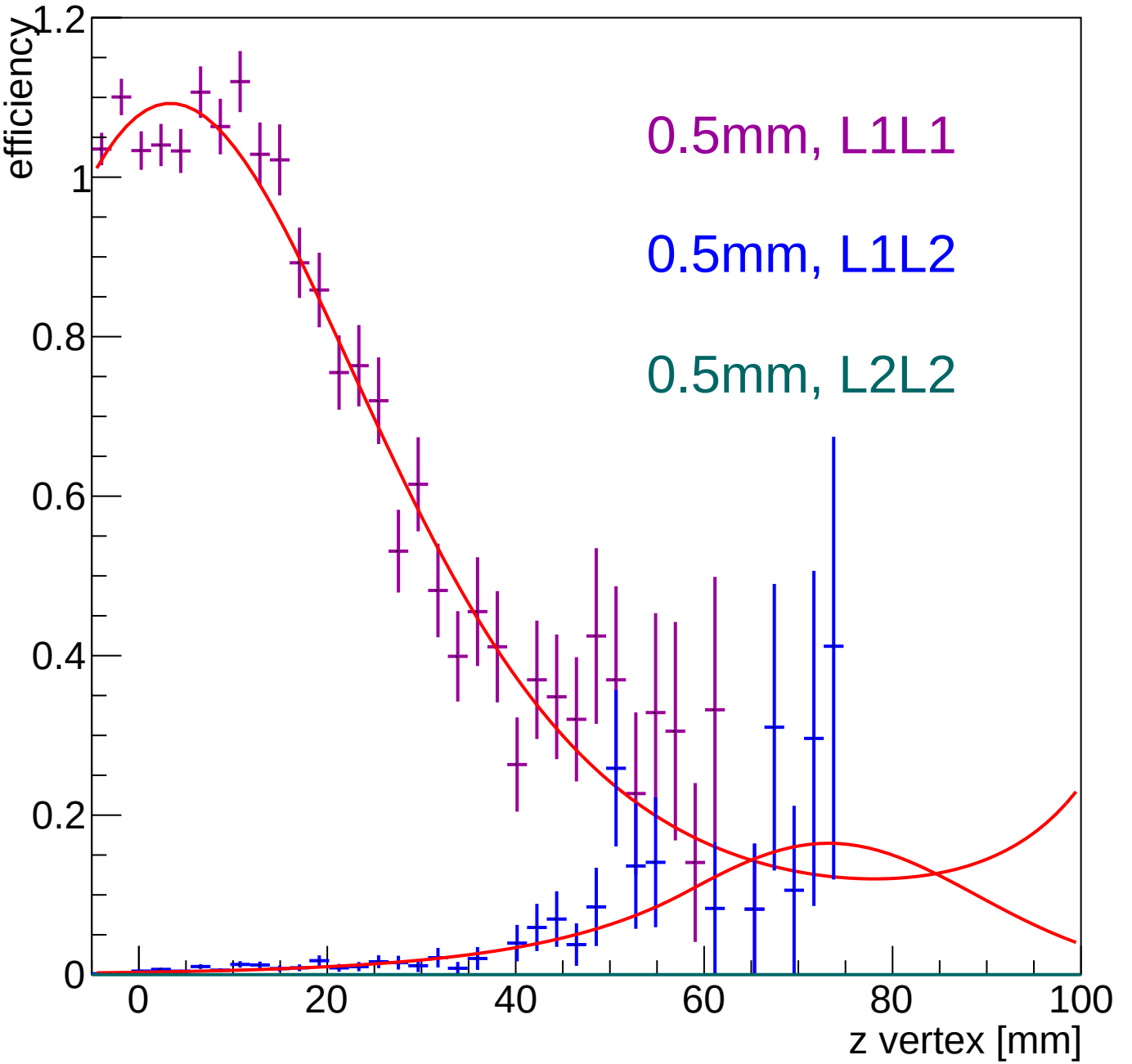

0.5mm, A' mass = 35 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

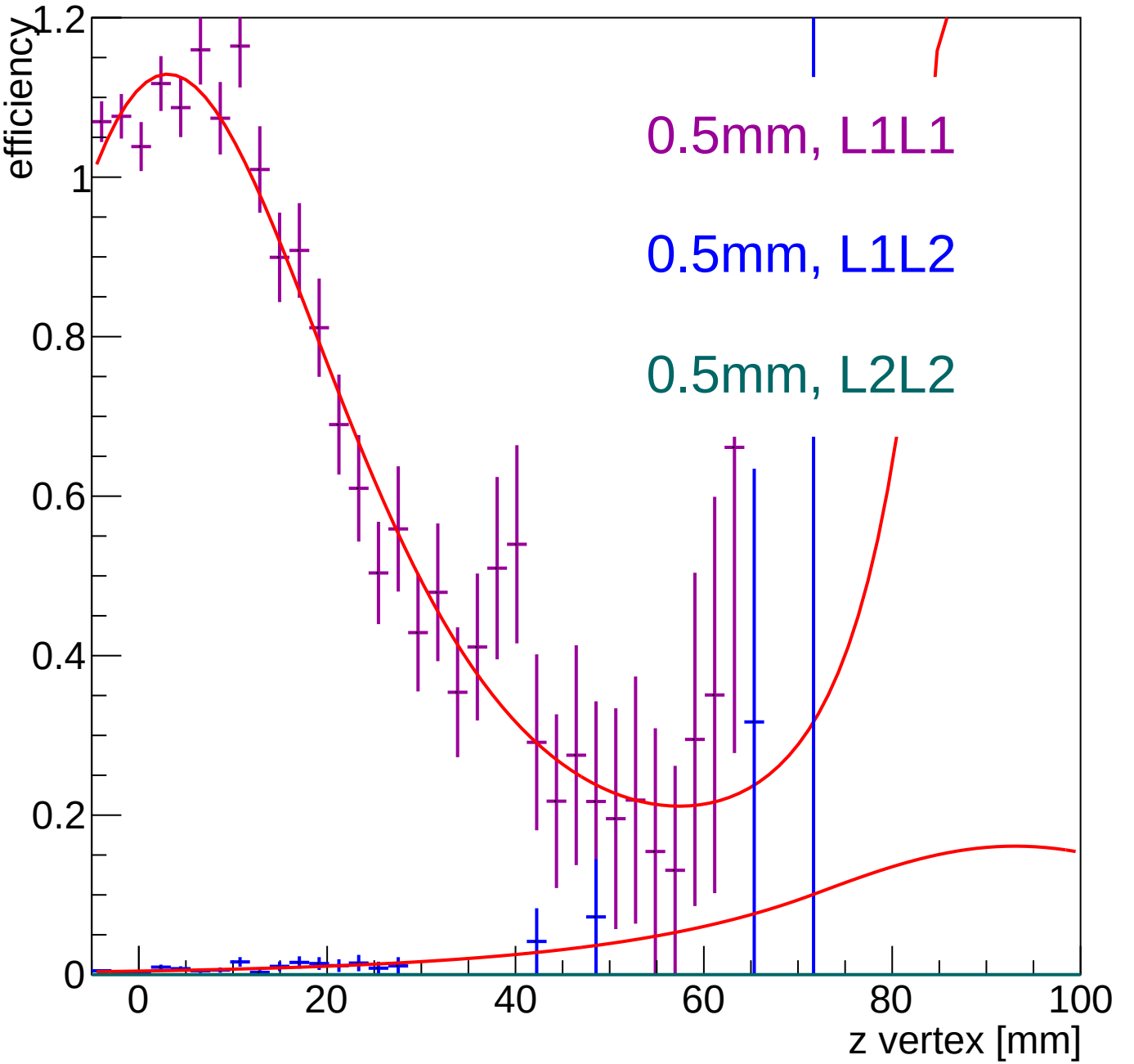

0.5mm, A' mass = 40 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2
0
20
40
60
80
100
z vertex [mm]

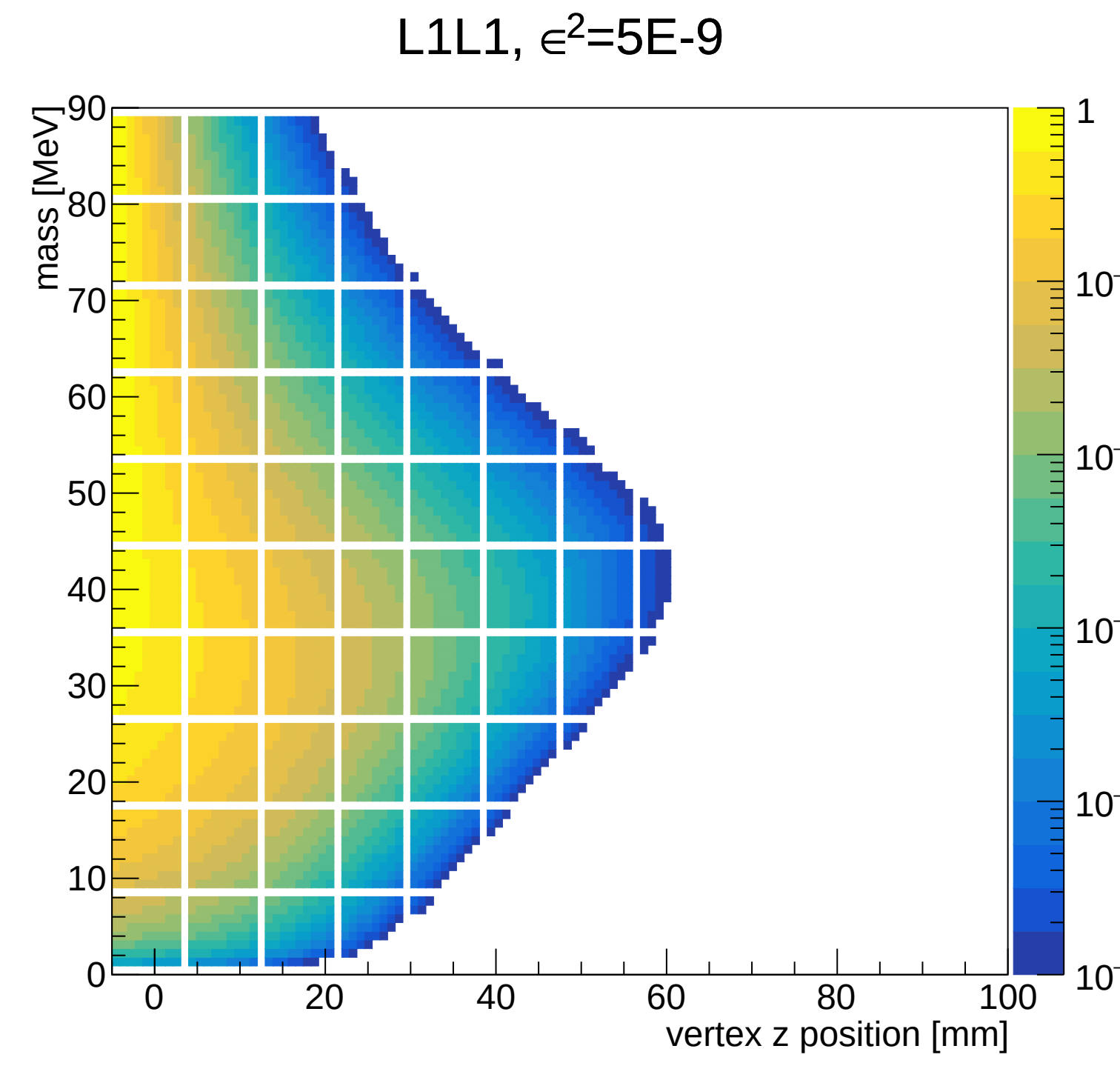

0.5mm, A' mass = 50 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

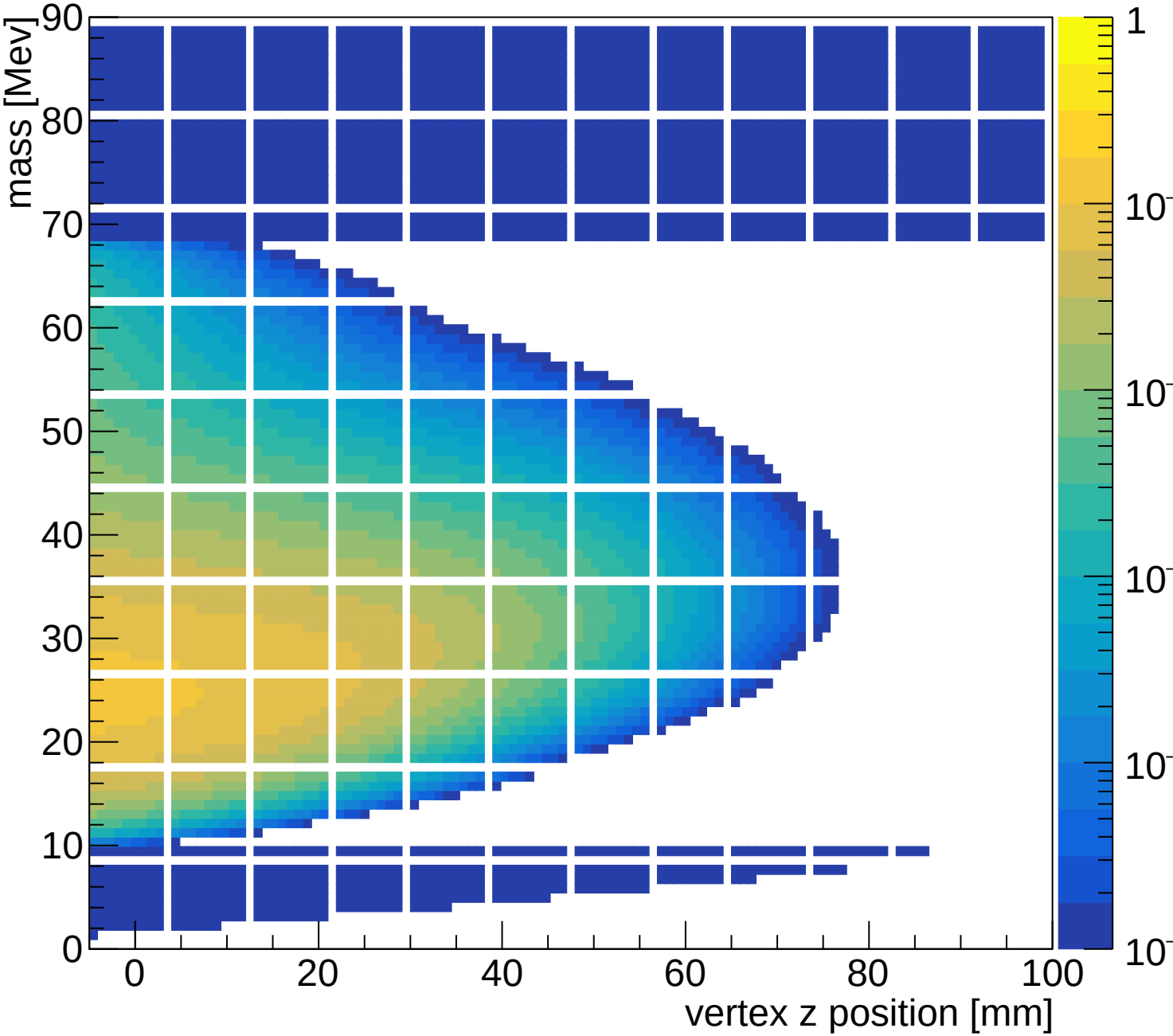

0.5mm, A' mass = 60 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

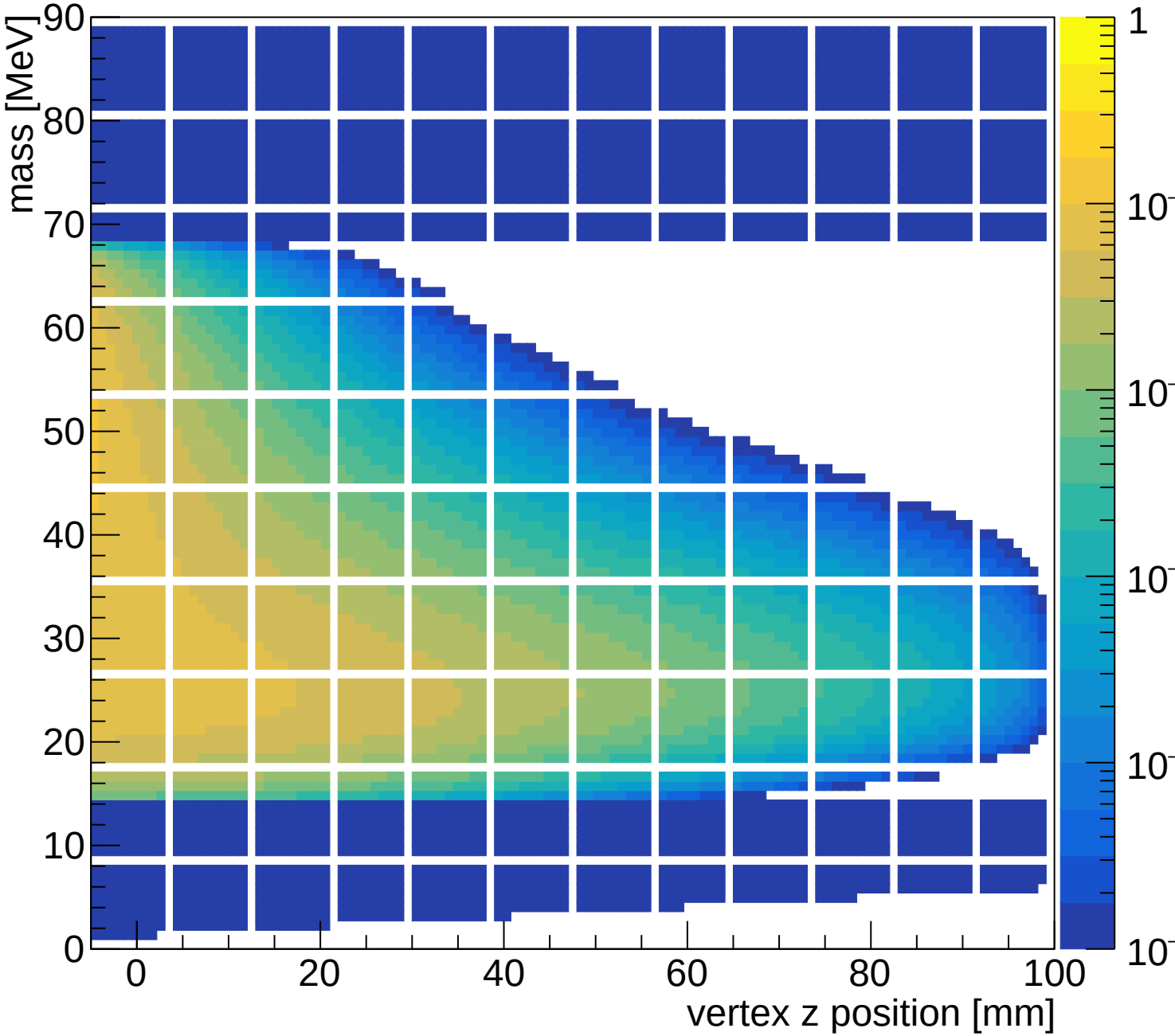

0.5mm, A' mass = 70 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

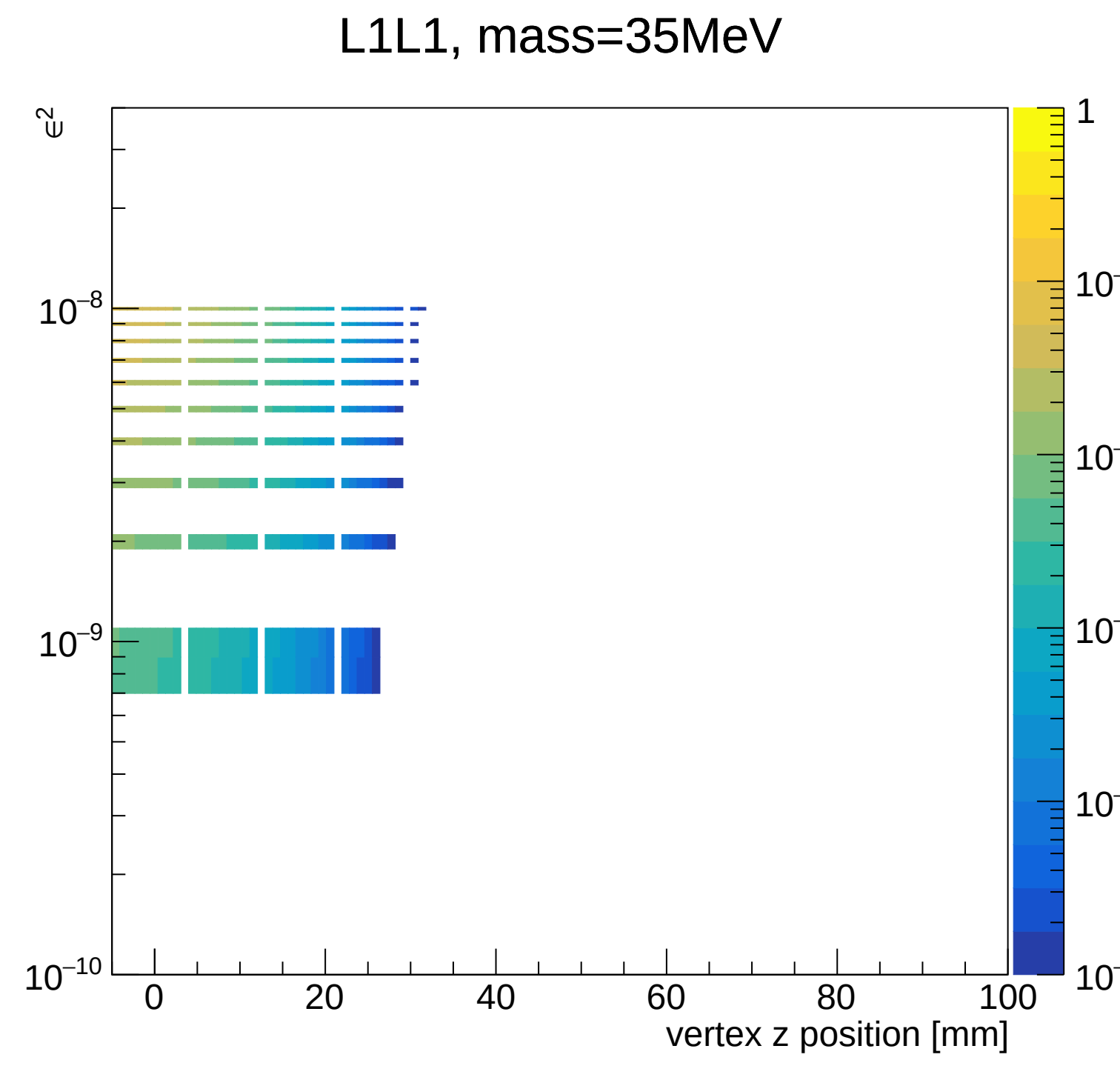

0.5mm, A' mass = 80 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

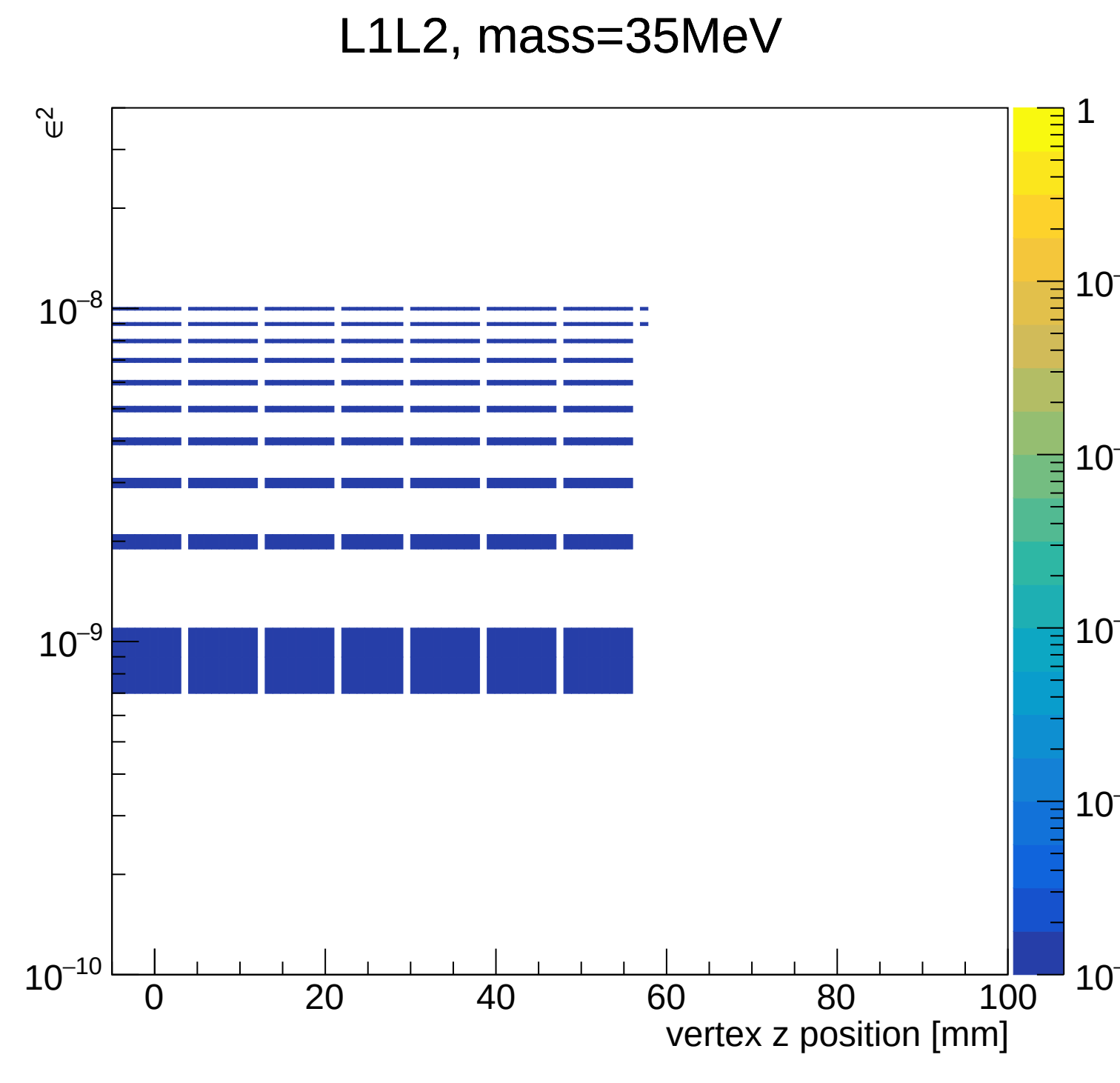

0.5mm, A' mass = 90 MeV
efficiency
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
z vertex [mm]
0.5mm, L1L1
0.5mm, L1L2
0.5mm, L2L2

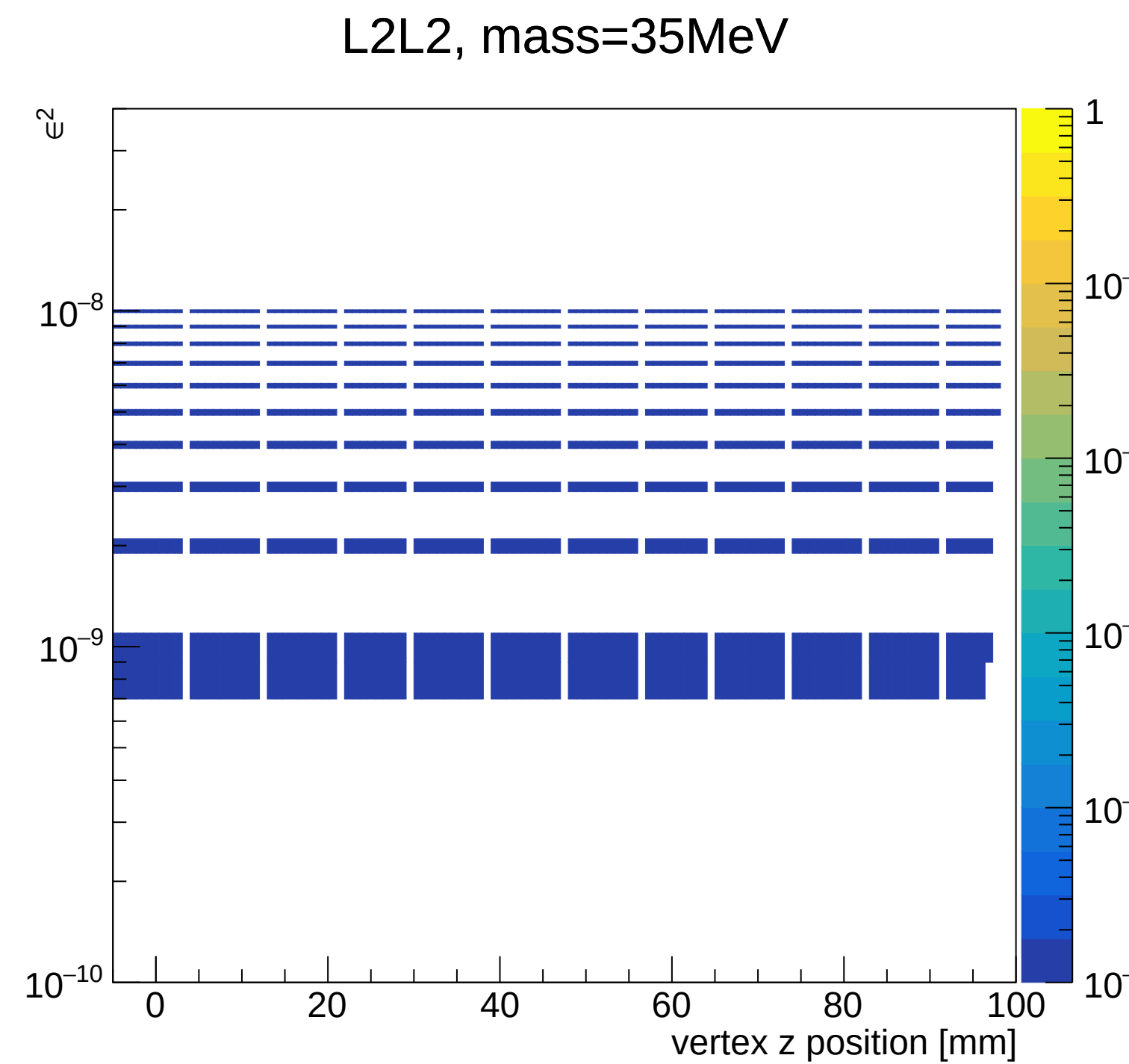

L1L1, ∈²=5E-9
mass [MeV]
vertex z position [mm]
0
10
20
30
40
50
60
70
80
90
0
20
40
60
80
100
1
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

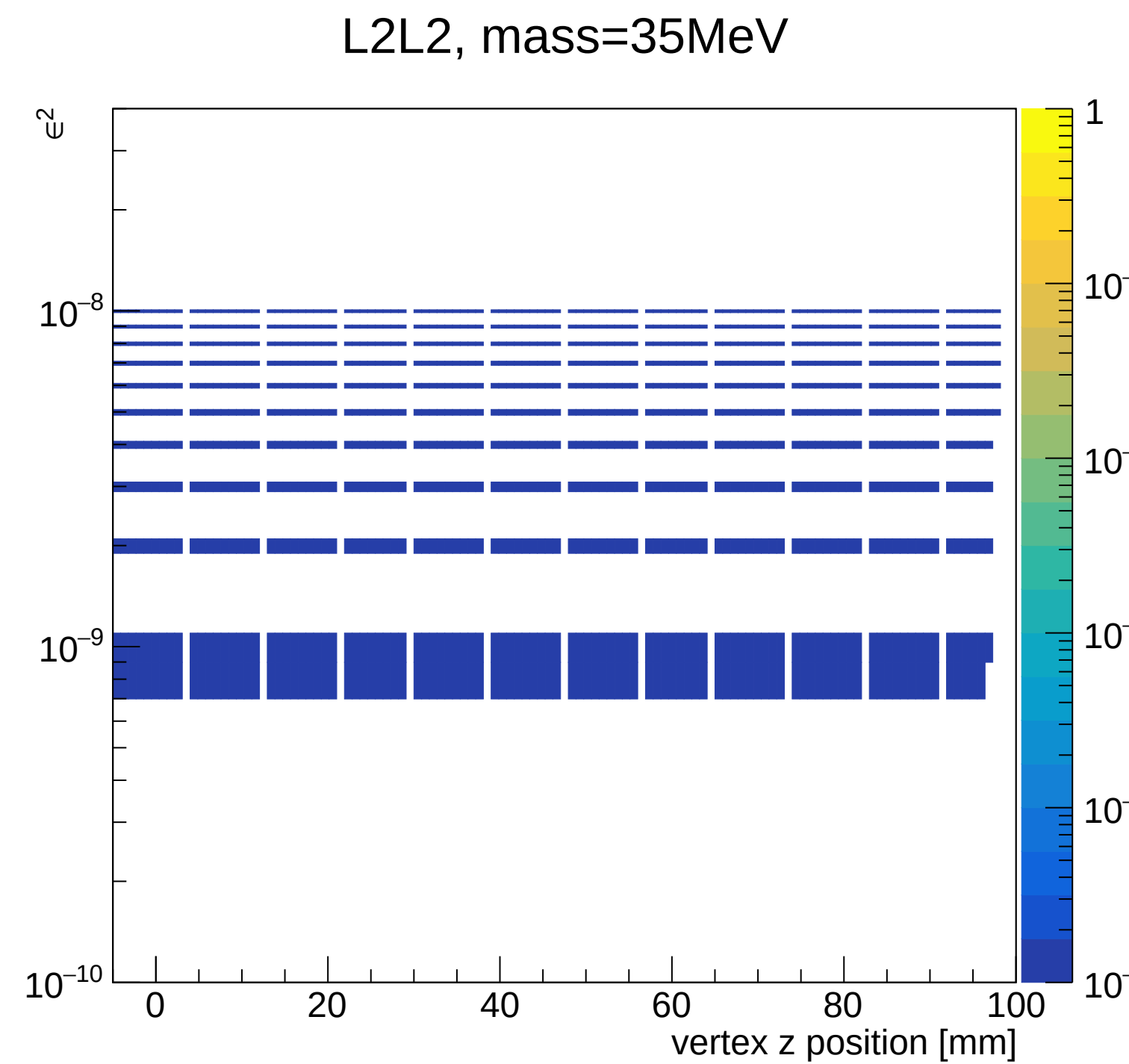

L1L2, ϵ^2=5E-9
mass [Mev]
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
vertex z position [mm]
1
10
10
10
10
10


L2L2, ϵ^2=5E-9
mass [MeV]
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
vertex z position [mm]
1
10
10
10
10
10


L1L1, mass=35MeV
ϵ^2
10^{-8}
10^{-9}
10^{-10}
0
20
40
60
80
100
vertex z position [mm]
1


L1L2, mass=35MeV
ϵ^2
10^{-8}
10^{-9}
10^{-10}
0
20
40
60
80
100
vertex z position [mm]
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}


L2L2, mass=35MeV
ϵ^2
10^{-8}
10^{-9}
10^{-10}
0
20
40
60
80
100
vertex z position [mm]
1


L2L2, mass=35MeV
ϵ^2
10^{-8}
10^{-9}
10^{-10}
0
20
40
60
80
100
vertex z position [mm]
1