3D local-scale SRVM-based Uncertainty Estimation

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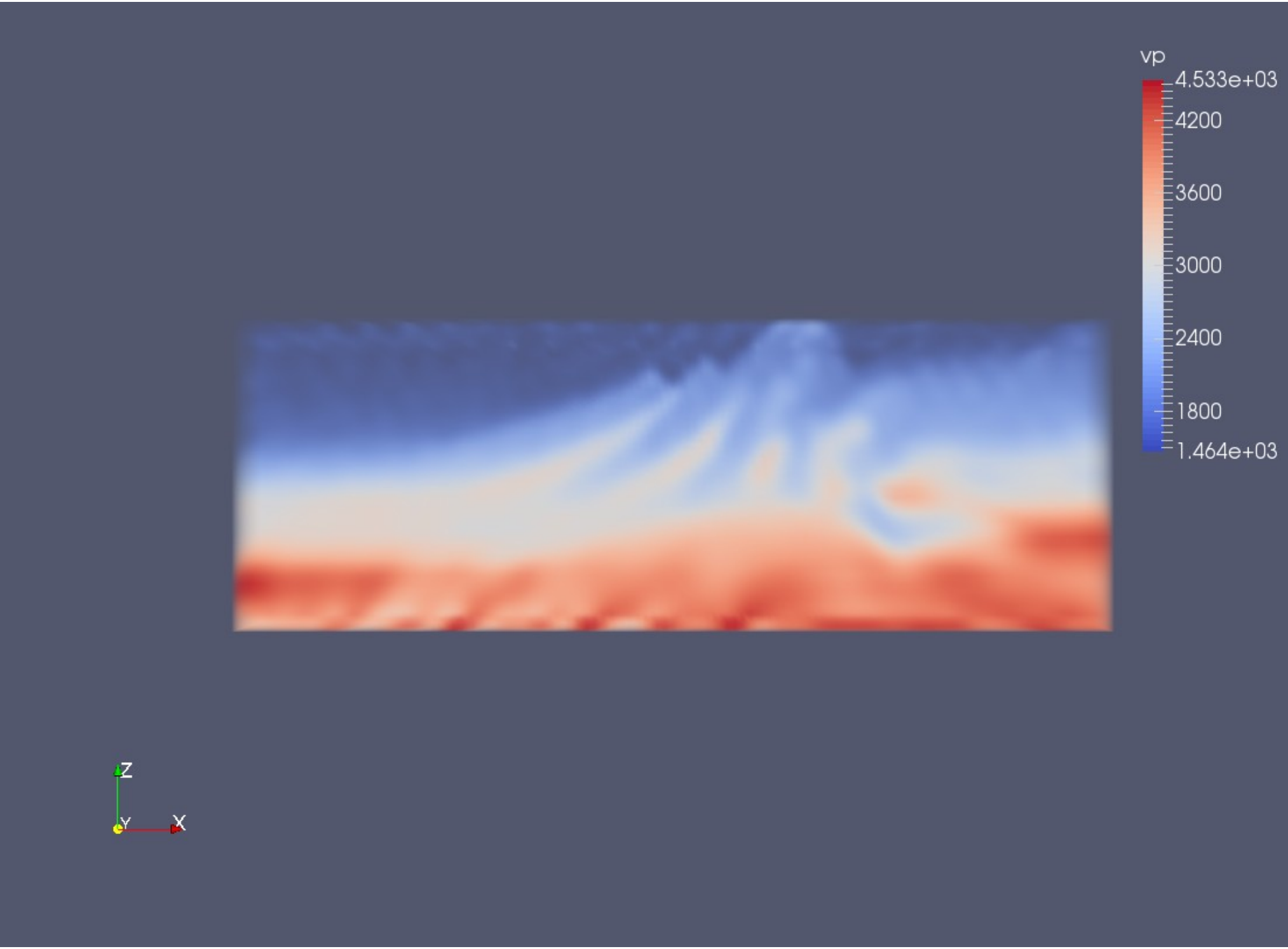
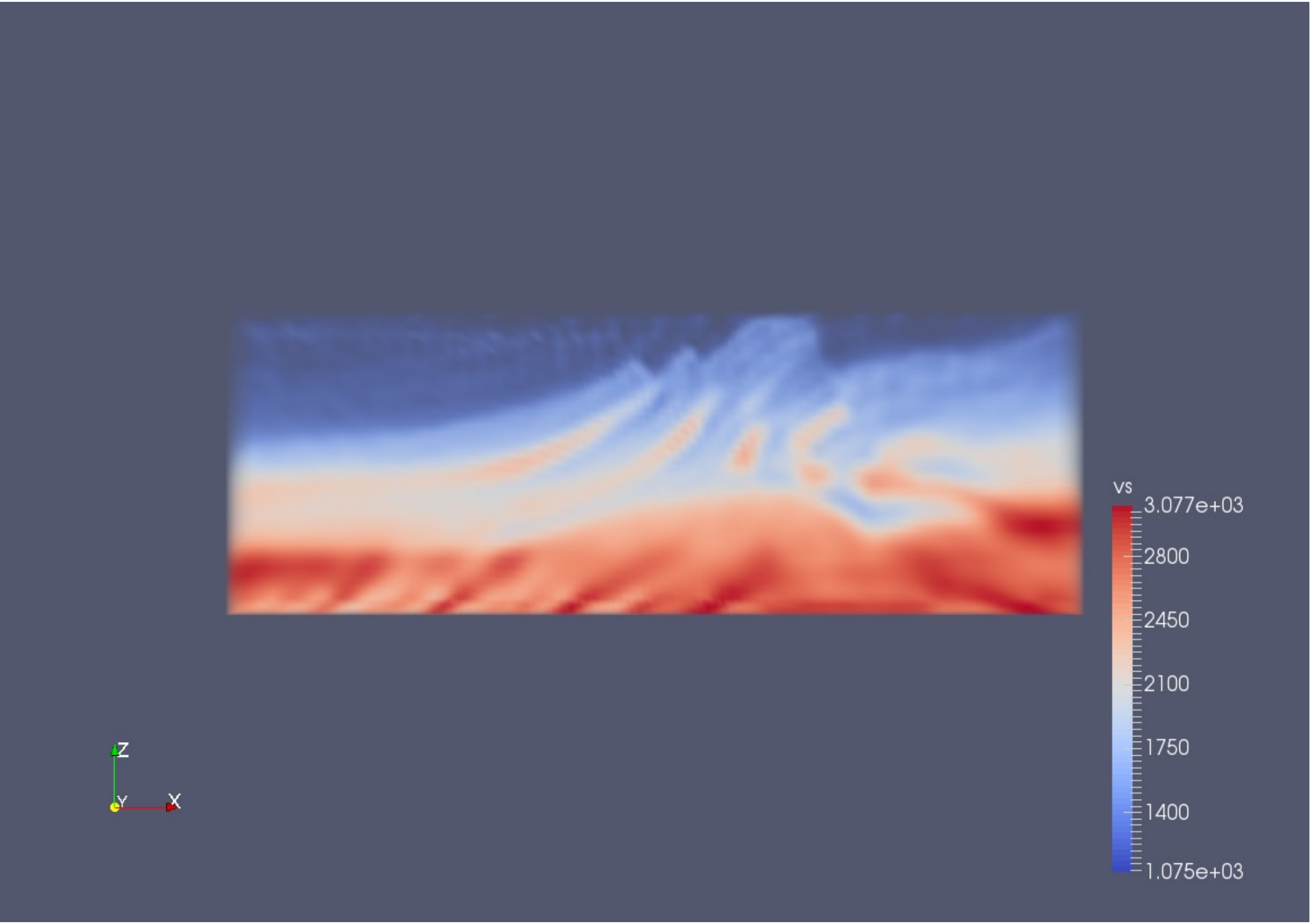
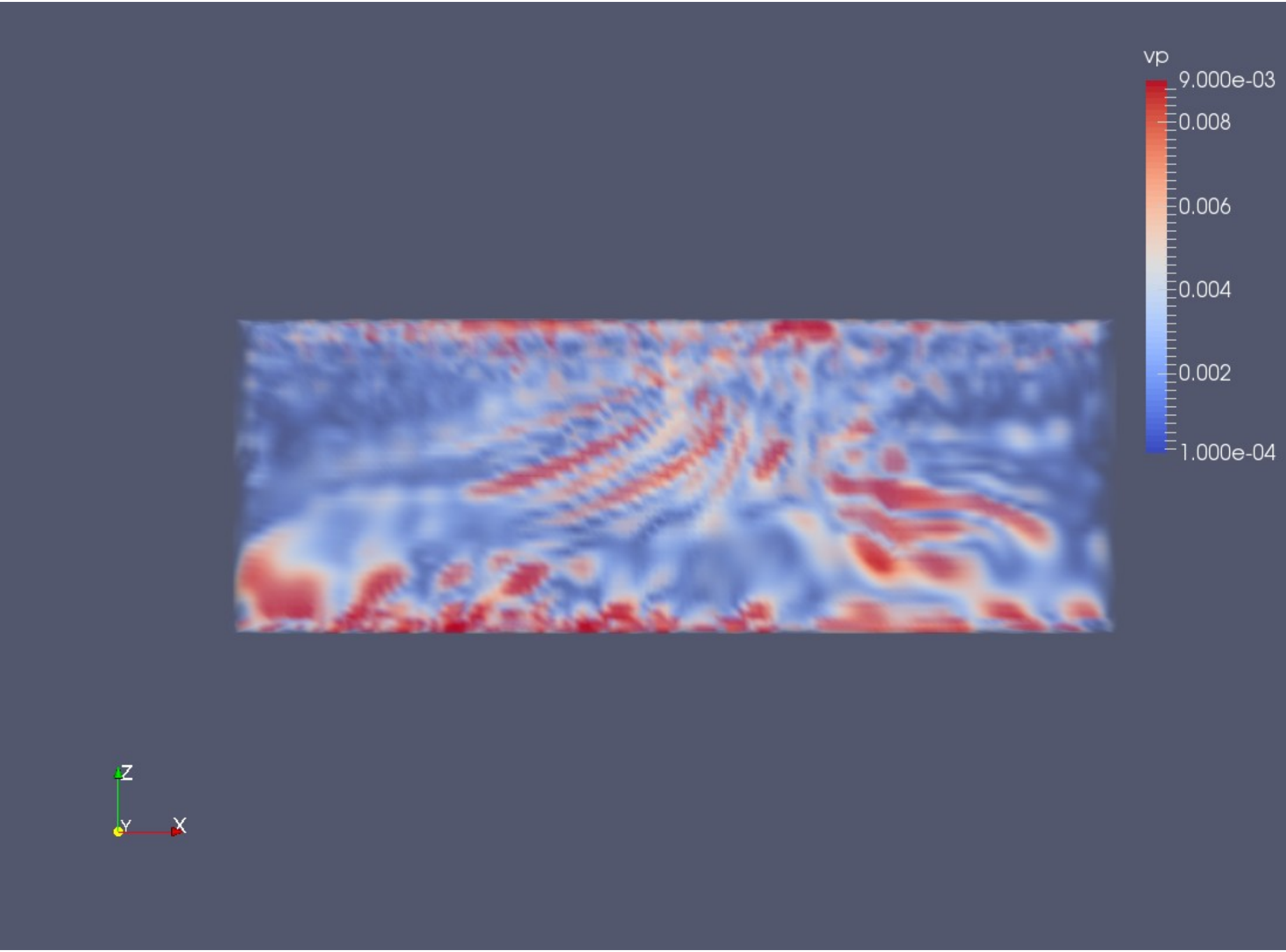
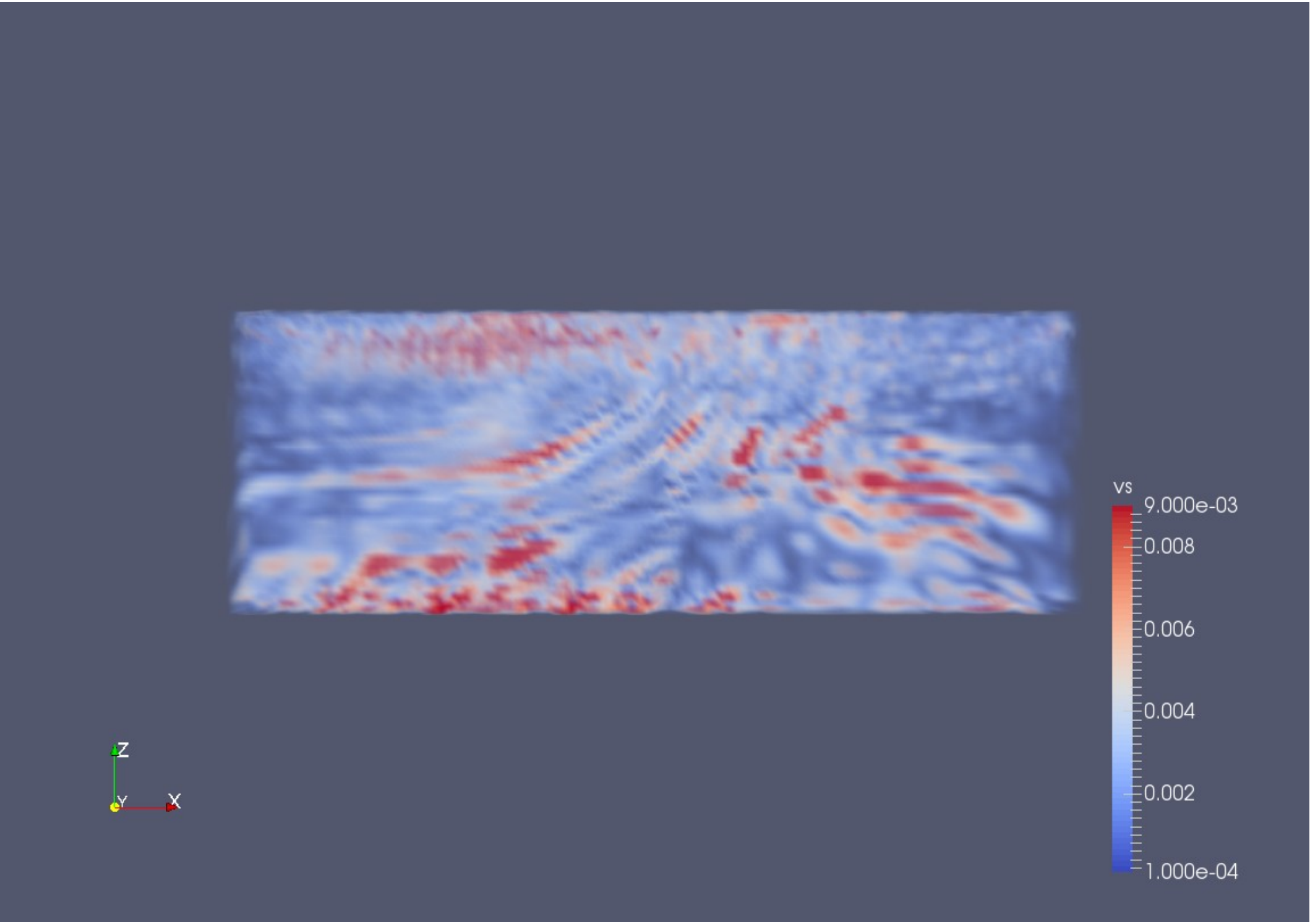
Inverted results


vp
4.533e+03
4200
3600
3000
2400
1800
1.464e+03
Z
Y
X

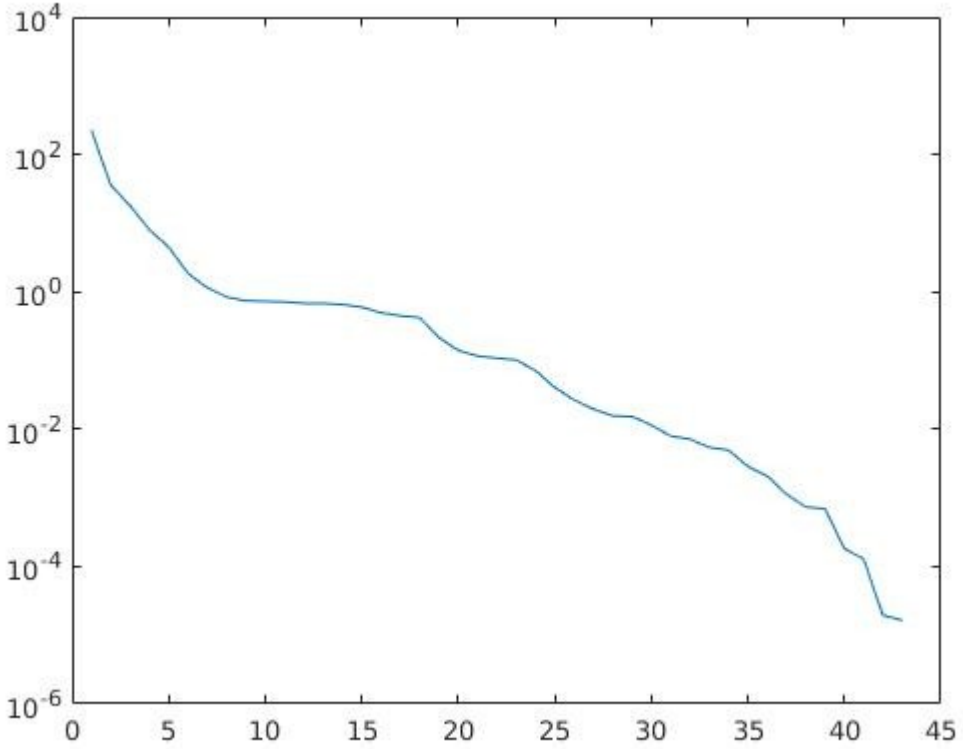

VS
3.077e+03
2800
2450
2100
1750
1400
1.075e+03
Z
Y
X

Uncertainty map

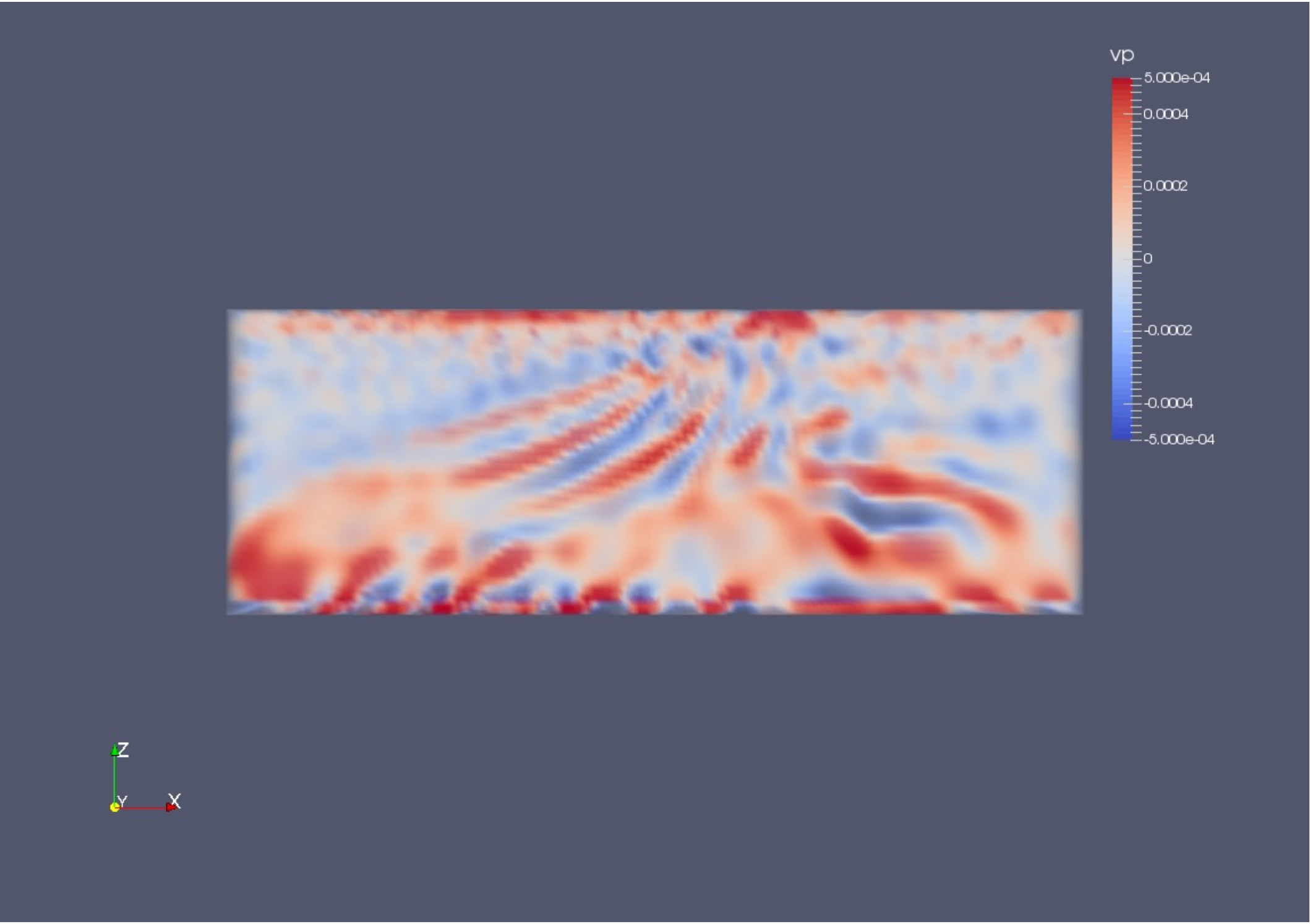

vp
9.000e-03
0.008
0.006
0.004
0.002
1.000e-04
Z
Y
X

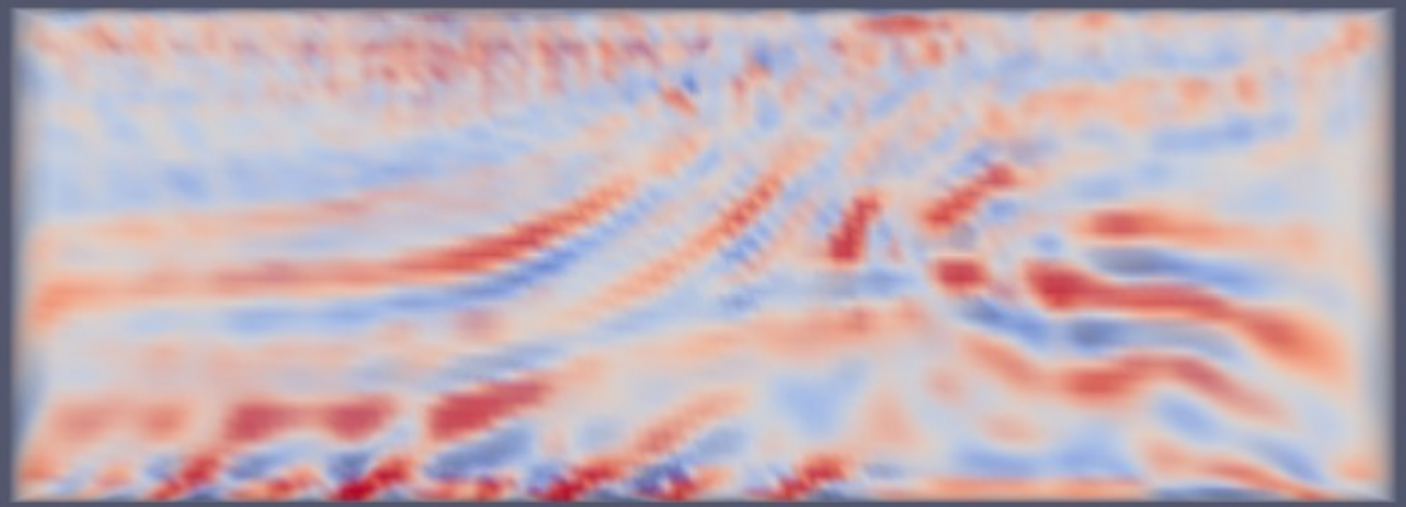

Z
Y
X
vs
9.000e-03
0.008
0.006
0.004
0.002
1.000e-04

Eigenvalues

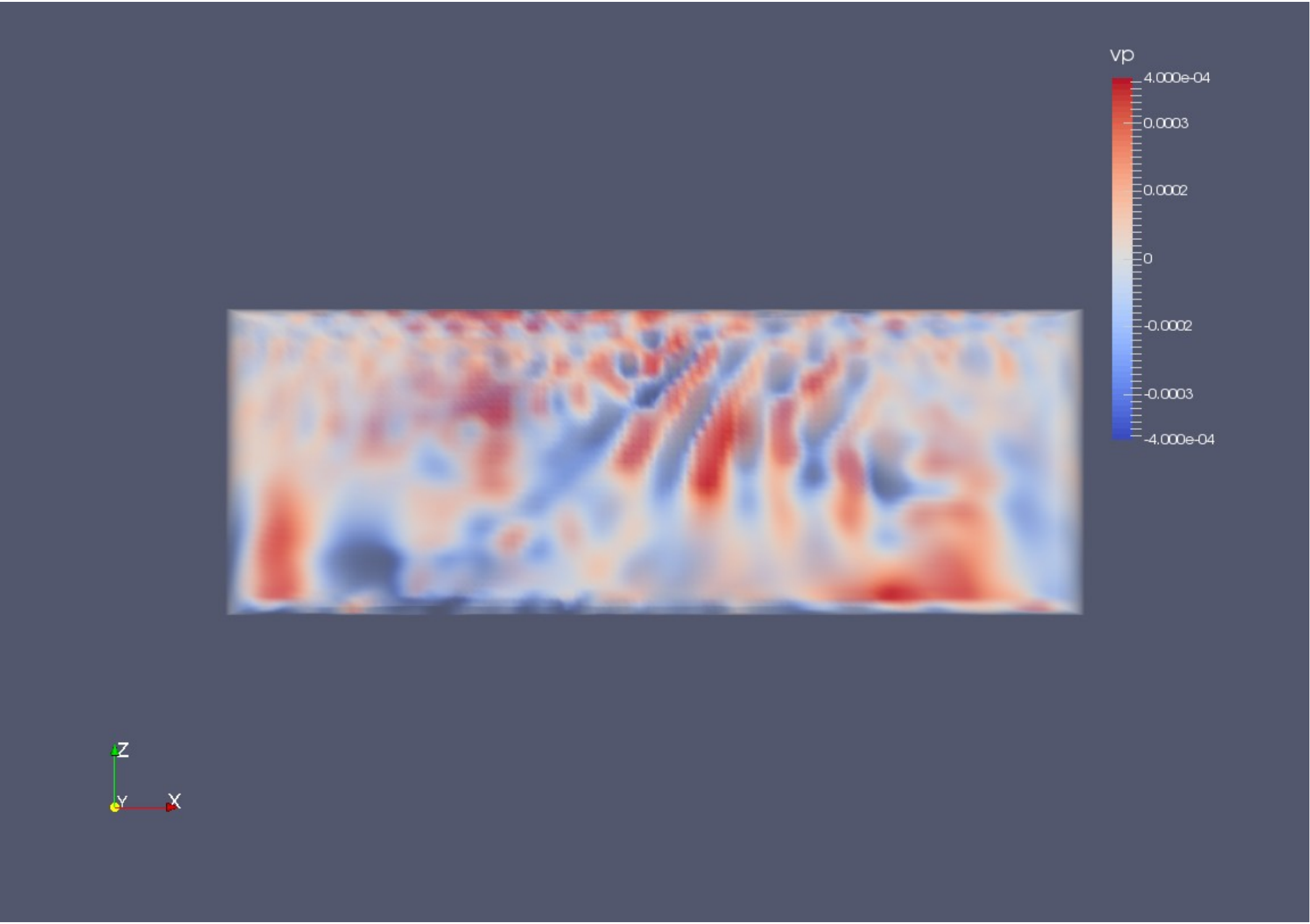

10^4
10^2
10^0
10^{-2}
10^{-4}
10^{-6}
0
5
10
15
20
25
30
35
40
45

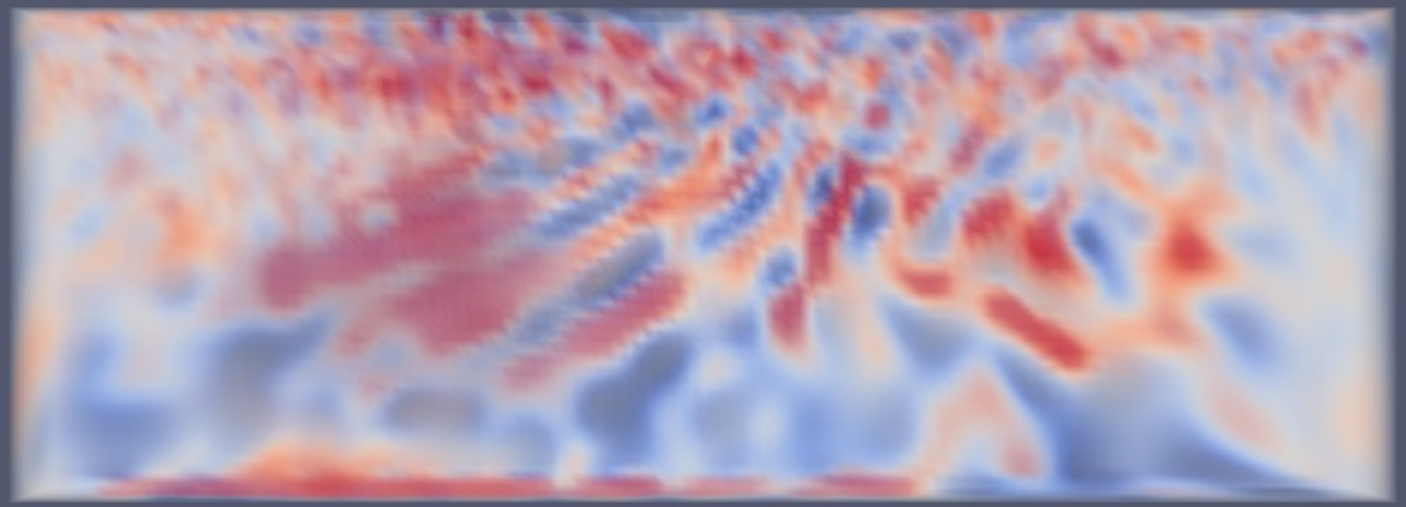
1st eigenvector


vp
5.000e-04
0.0004
0.0002
0
-0.0002
-0.0004
-5.000e-04
Z
Y
X

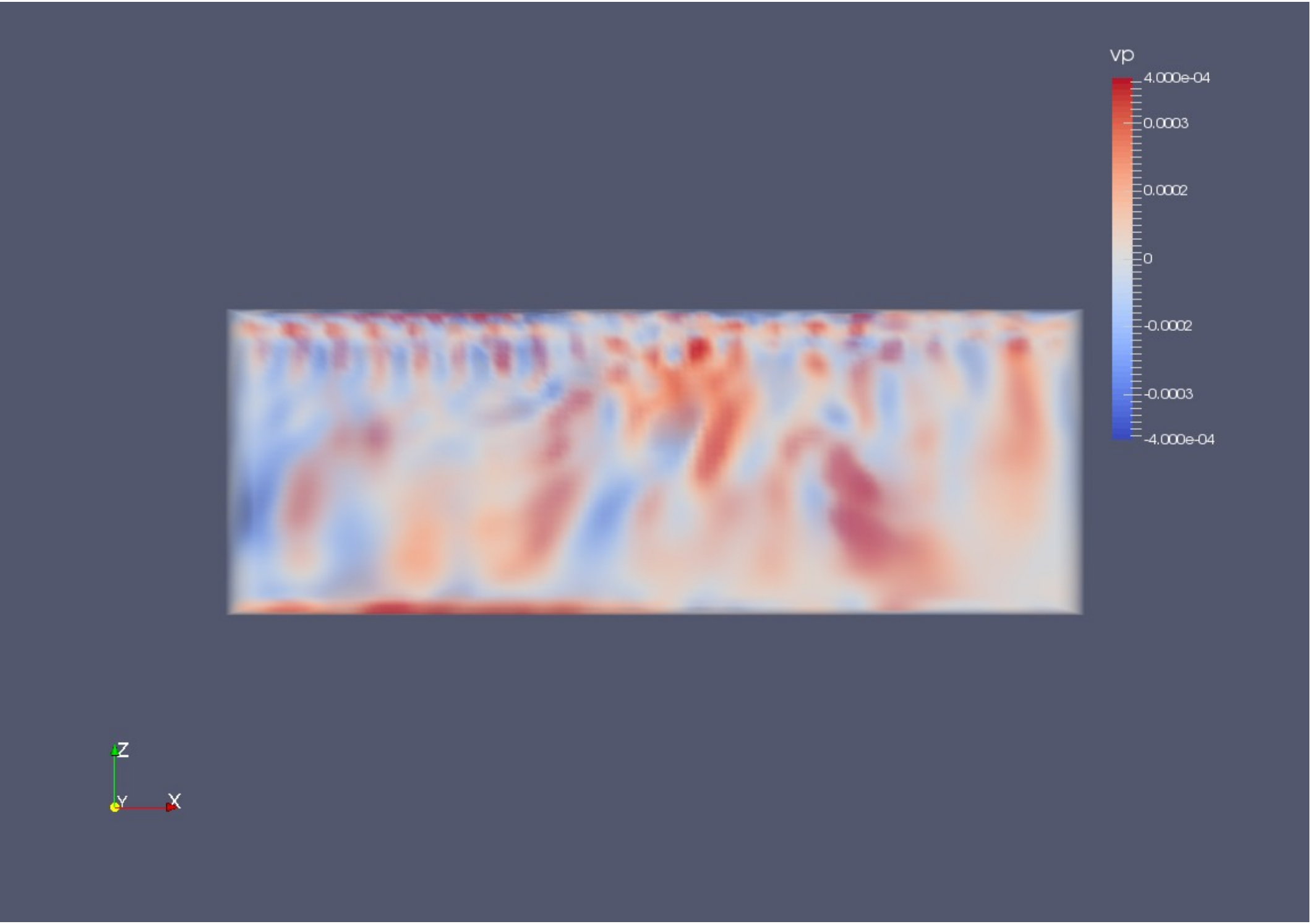

VS
5.000e-04
0.0004
0.0002
0
-0.0002
-0.0004
-5.000e-04
Z
Y
X

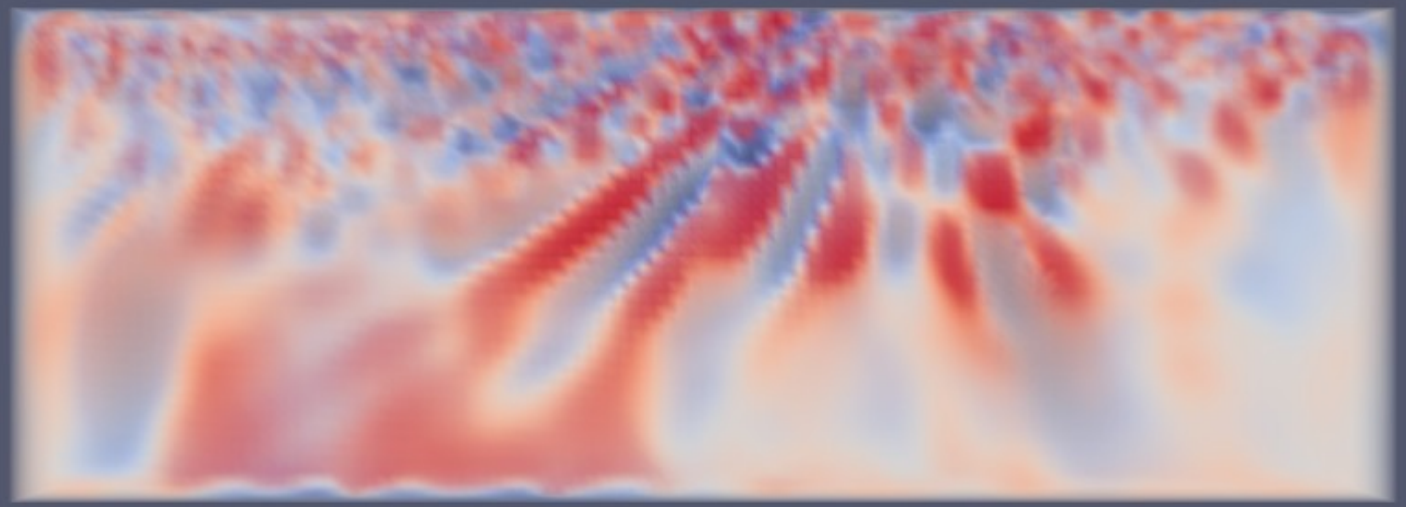
3rd eigenvector


vp
4.000e-04
0.0003
0.0002
0
-0.0002
-0.0003
-4.000e-04
Z
Y
X

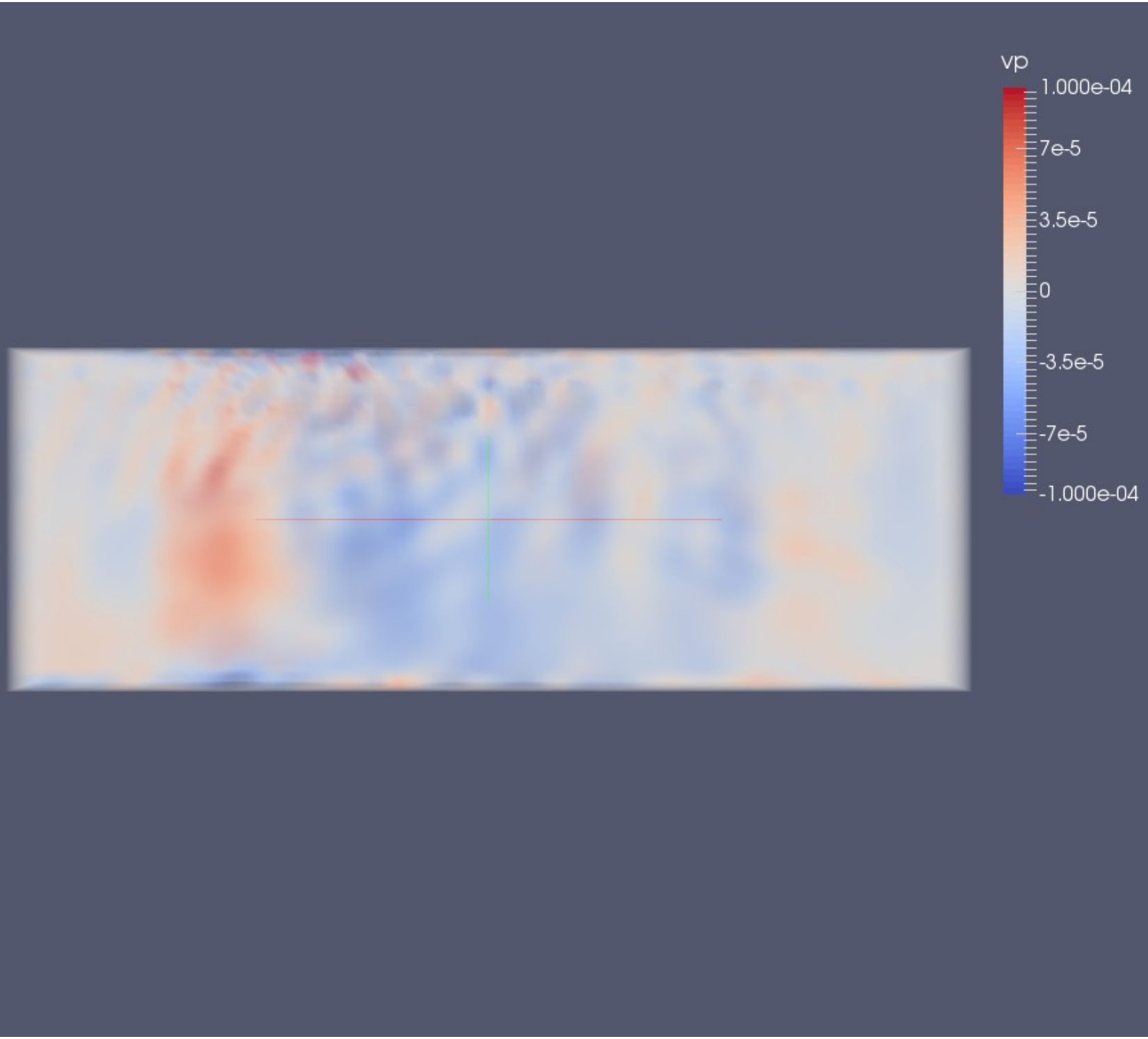

VS
4.000e-04
0.0003
0.0002
0
-0.0002
-0.0003
-4.000e-04
Z
Y
X

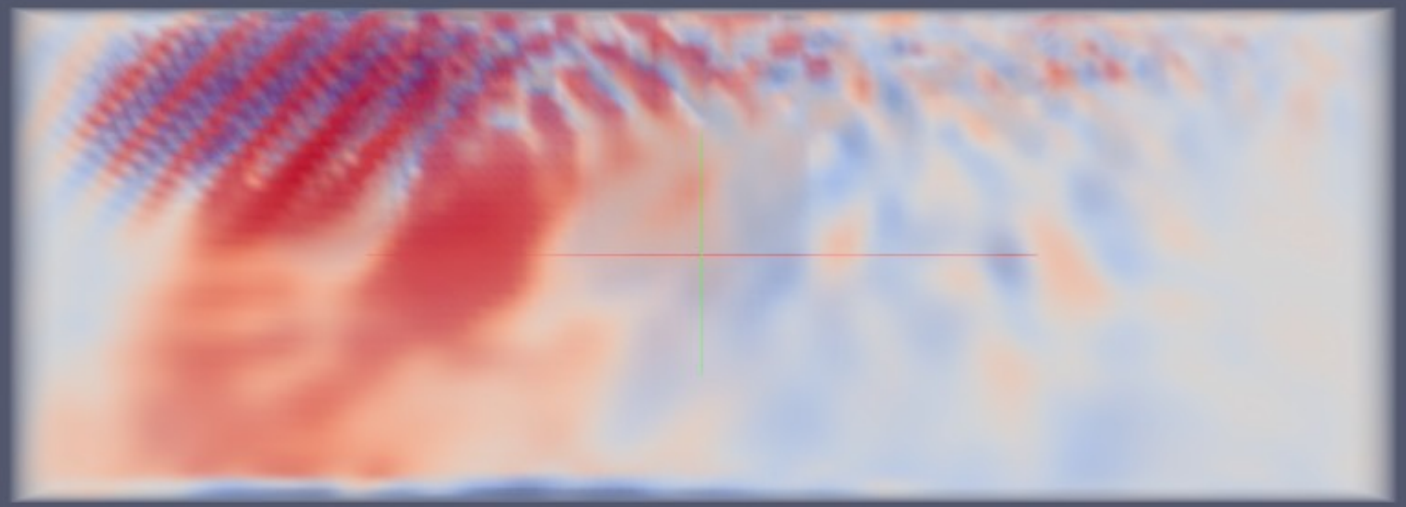
5^{th} eigenvector


vp
4.000e-04
0.0003
0.0002
0
-0.0002
-0.0003
-4.000e-04
Z
Y
X

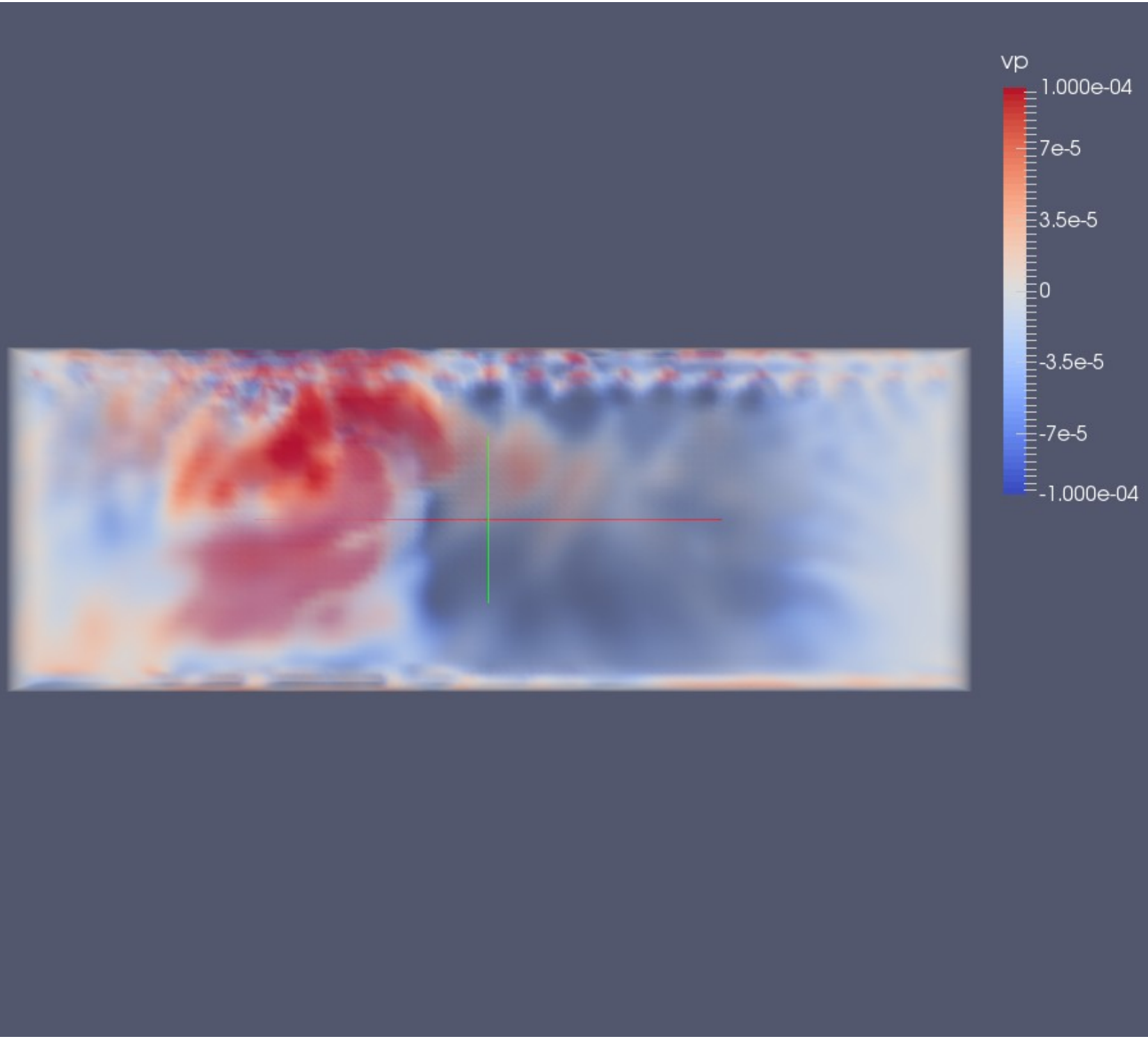

VS
4.000e-04
0.0003
0.0002
0
-0.0002
-0.0003
-4.000e-04
Z
Y
X

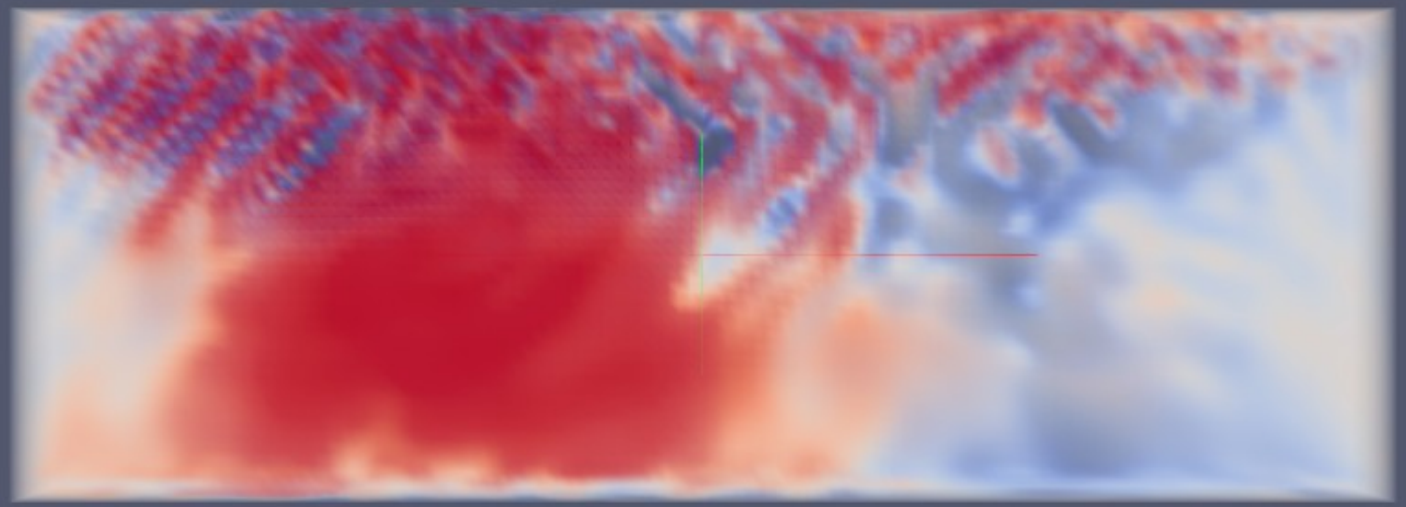
10^{th} eigenvector


vp
1.000e-04
7e-5
3.5e-5
0
-3.5e-5
-7e-5
-1.000e-04

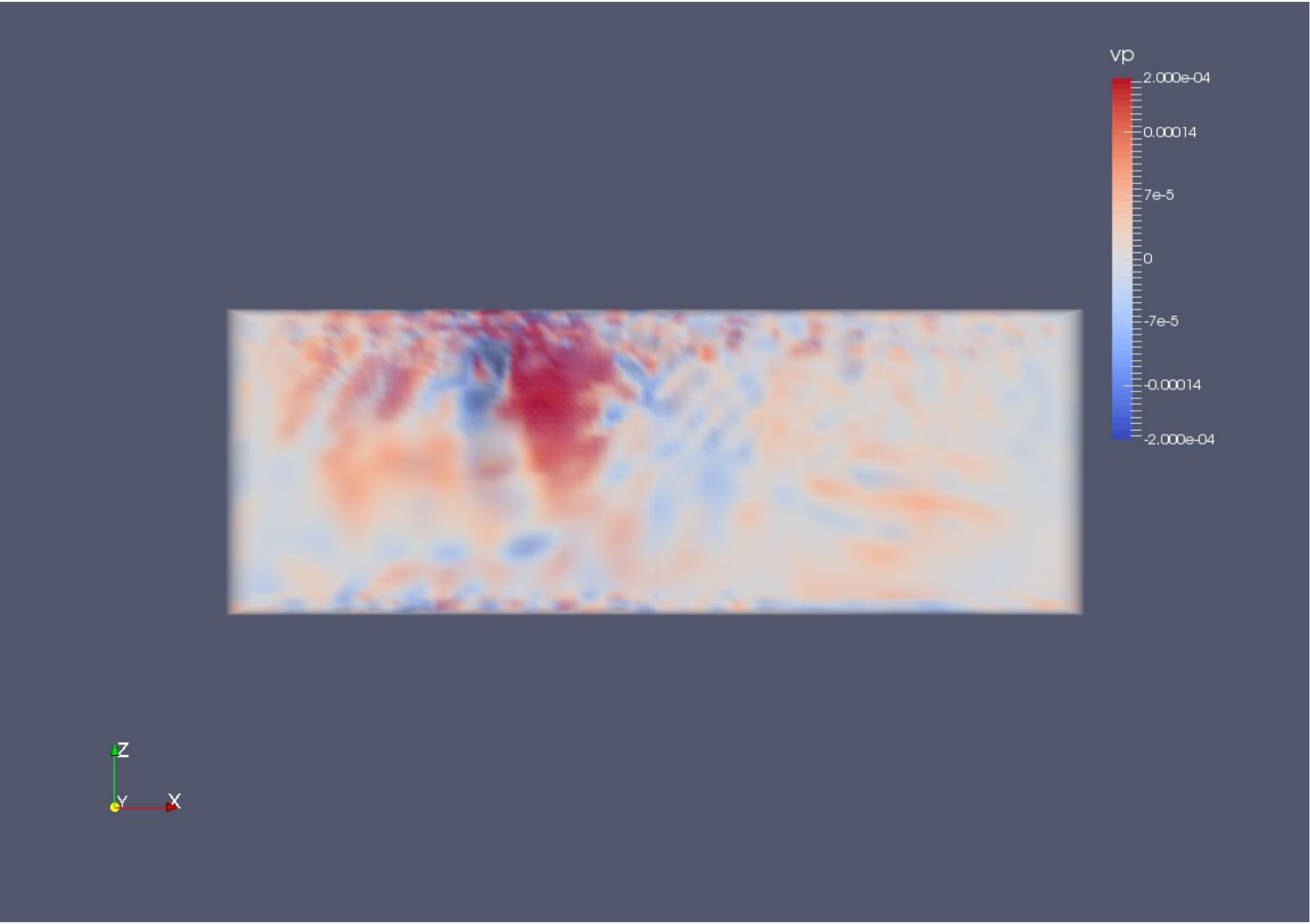

VS
1.000e-04
7e-5
3.5e-5
0
-3.5e-5
-7e-5
-1.000e-04

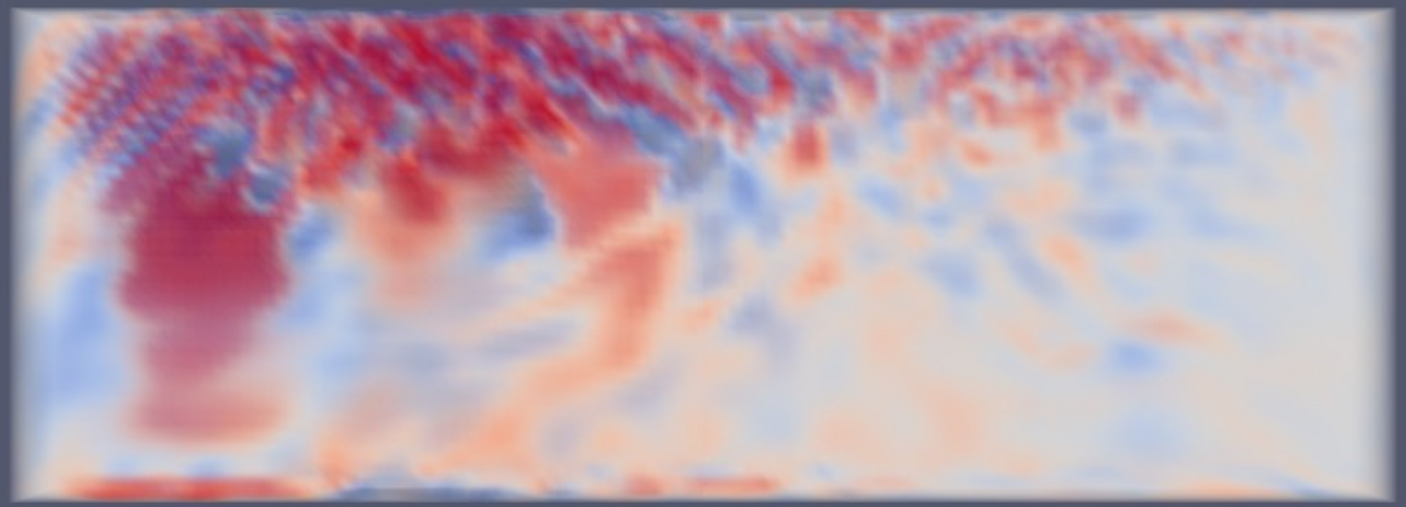
20^{th} eigenvector


vp
1.000e-04
7e-5
3.5e-5
0
-3.5e-5
-7e-5
-1.000e-04


VS
1.000e-04
7e-5
3.5e-5
0
-3.5e-5
-7e-5
-1.000e-04

40^{th} eigenvector


vp
2.000e-04
0.00014
7e-5
0
-7e-5
-0.00014
-2.000e-04
Z
Y
X


VS
2.000e-04
0.00014
7e-5
0
-7e-5
-0.00014
-2.000e-04
Z
Y
X