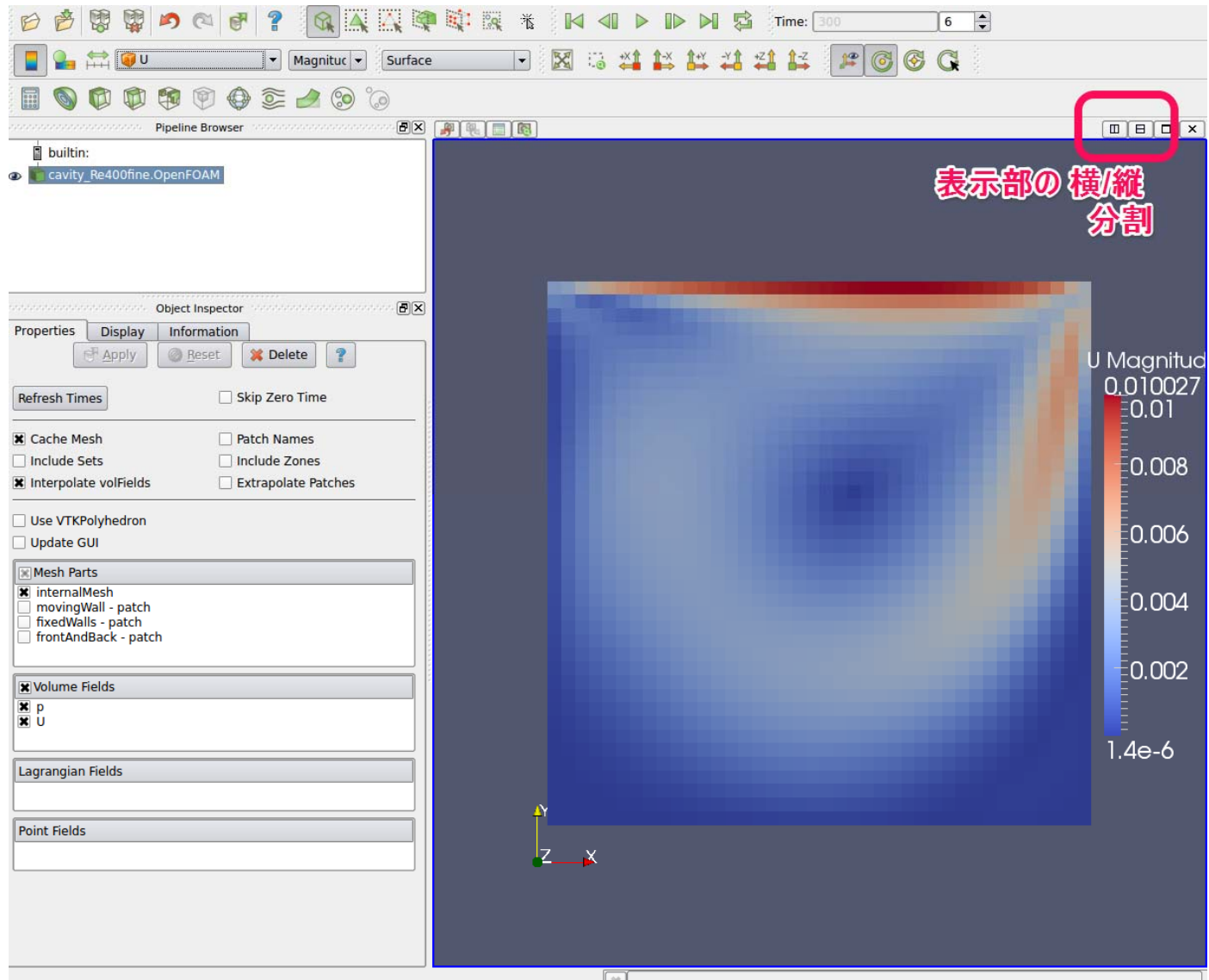


# ParaviewからCSV形式として 数値データを取り出す方法

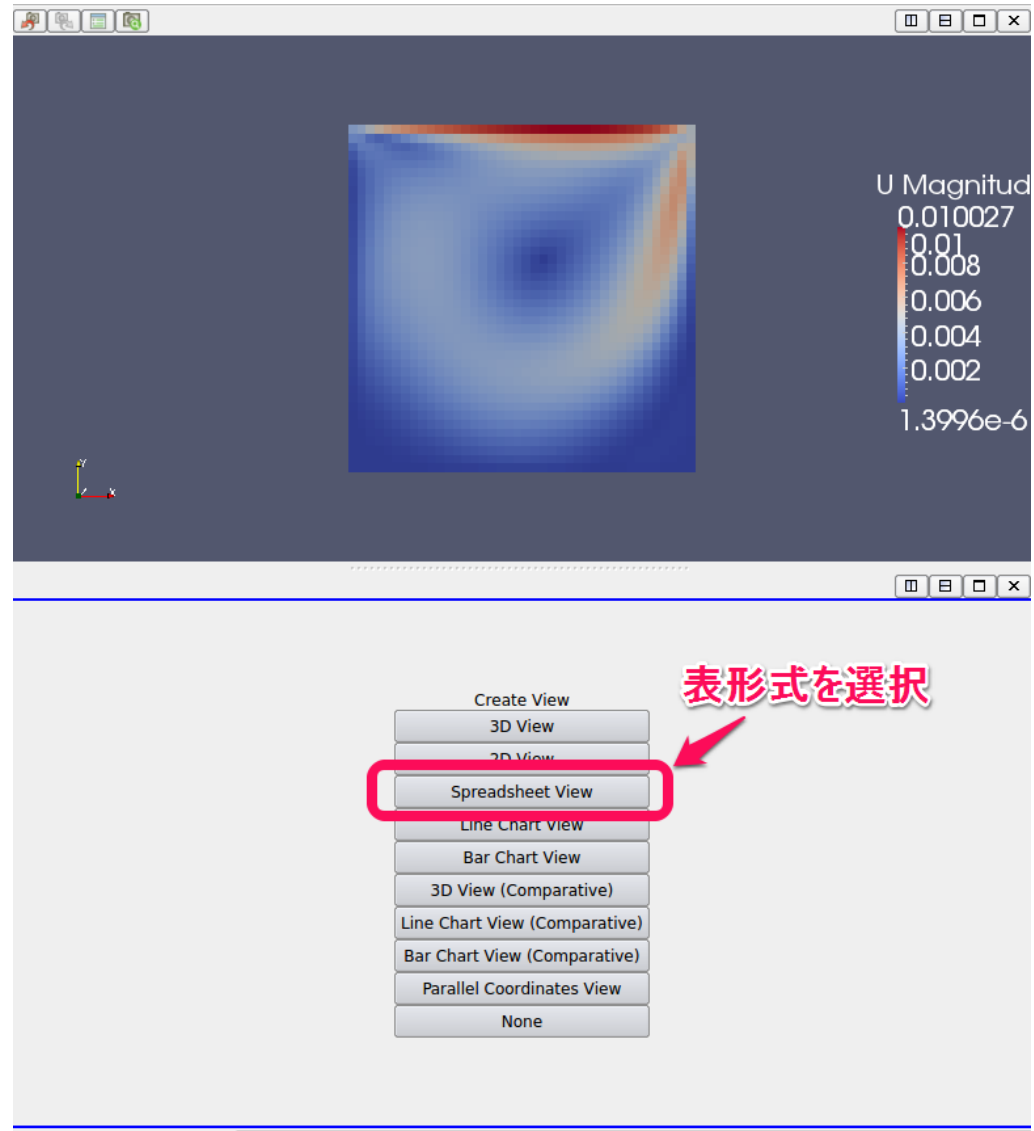
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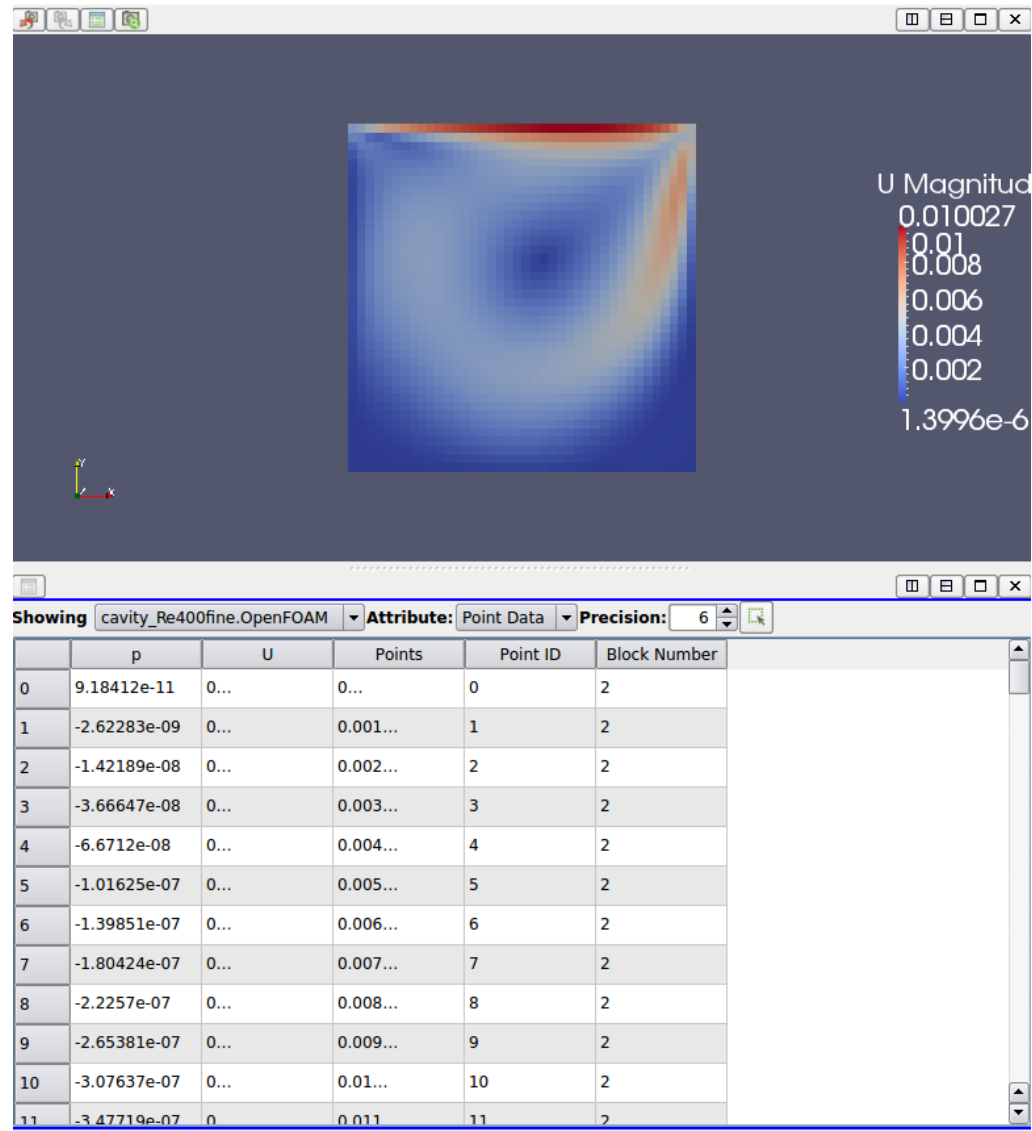
# 表示窓の分割



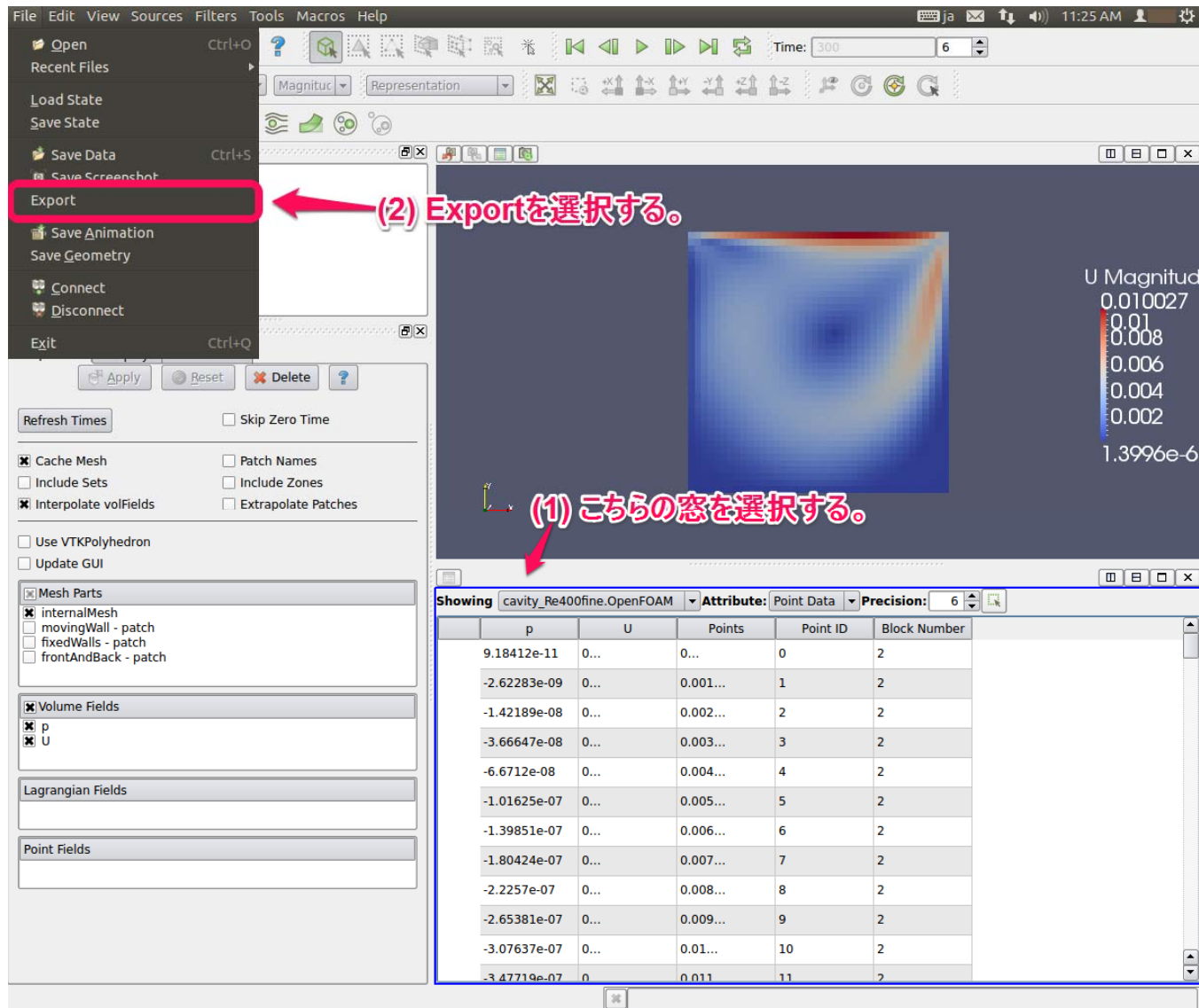
# 表形式の表示窓を作成



# 数値データを表形式で表示



# 表形式データをファイルに保存

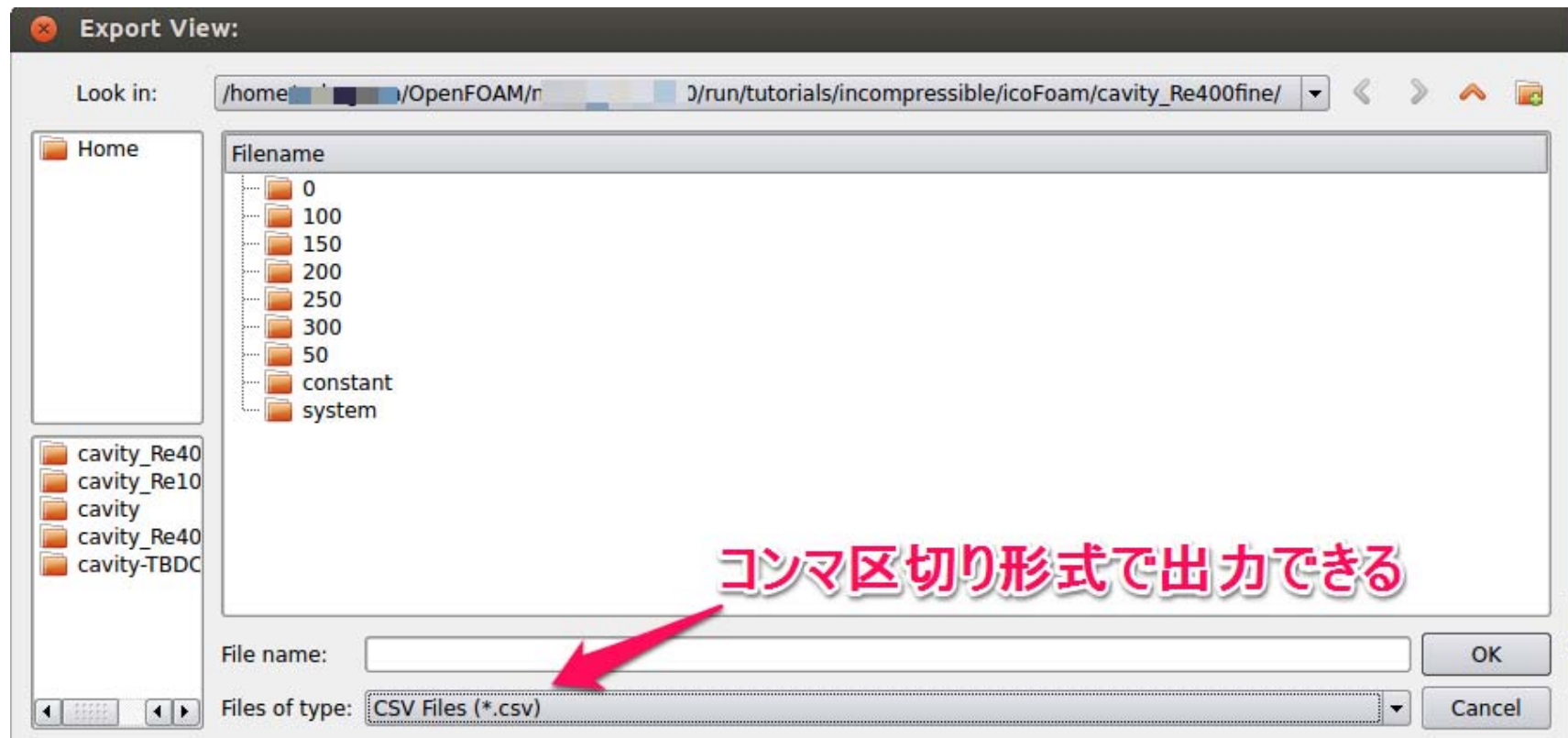


The screenshot shows the OpenFOAM software interface. The 'File' menu is open, and the 'Export' option is highlighted with a red box. A red arrow points to this option with the text '(2) Exportを選択する。' Another red arrow points to the 'Showing' window at the bottom, which displays a table of data. The text '(1) こちらの窓を選択する。' is written next to this arrow.

The 'Showing' window displays the following data:

	p	U	Points	Point ID	Block Number
	9.18412e-11	0...	0...	0	2
	-2.62283e-09	0...	0.001...	1	2
	-1.42189e-08	0...	0.002...	2	2
	-3.66647e-08	0...	0.003...	3	2
	-6.6712e-08	0...	0.004...	4	2
	-1.01625e-07	0...	0.005...	5	2
	-1.39851e-07	0...	0.006...	6	2
	-1.80424e-07	0...	0.007...	7	2
	-2.2257e-07	0...	0.008...	8	2
	-2.65381e-07	0...	0.009...	9	2
	-3.07637e-07	0...	0.01...	10	2
	-3.47719e-07	0...	0.011	11	2

# コンマ区切り(CSV)形式で保存



# 表示データのタイプ選択

The screenshot shows a software window titled "Showing cavity\_Re400fine.OpenFOAM". The interface includes a dropdown menu for "Attribute" currently set to "Point Data", and a "Precision" field set to "6". A table displays data for variables "p", "U", "Points", and "Block Number". A red circle highlights the "Attribute" dropdown menu, and a red text label "表示するデータの種類" (Type of data to display) is overlaid on the table.

	p	U	Points	Block Number
	9.119.18412e-11	0...	0...	2
	-2.6-2.62283e-09	0...	0.001...	1
	-1.4-1.42189e-08	0...	0.002...	2
	-3.6-3.66647e-08	0...	0.003...	3
	-6.6-6.6712e-08	0...	0.004...	4
	-1.0-1.01625e-07	0...	0.005...	5
	-1.3-1.39851e-07	0...	0.006...	6
	-1.8-1.80424e-07	0...	0.007...	7
	-2.2-2.2257e-07	0...	0.008...	8
	-2.6-2.65381e-07	0...	0.009...	9
	-3.0-3.07637e-07	0...	0.01...	10
	-3.4-3.47719e-07	0...	0.011	2

# 選択したセルだけの情報

The image shows a two-part screenshot of the OpenFOAM GUI. The top part shows a 2D velocity magnitude plot of a cavity flow. A red square highlights a specific cell in the center of the cavity. A red arrow points from a red-bordered button in the top toolbar to this cell. A red text box with white text says "セル選択ボタンを押して、セルを選ぶ" (Press the cell selection button to select the cell). The bottom part shows the same plot with a different cell highlighted by a pink square. A red arrow points from a red-bordered button in the bottom toolbar to this cell. A red text box with white text says "セル選択ボタンを押すと、そのセルだけの情報を表示する。" (Pressing the cell selection button displays information only for that cell). Below the plot is a data table with columns for p, U, Cell ID, Cell type, and Block Number. The table shows data for cell ID 994, which is a Hexahedron in block 2.

セル選択ボタンを押して、セルを選ぶ

U Magnitud  
0.010027  
0.01  
0.008  
0.006  
0.004  
0.002  
1.3996e-6

Showing cavity\_Re400fine.OpenFOAM Attribute: Cell Data Precision: 6

p	U	Cell ID	Cell type	Block Number
-7.66191e-06	-0.00135185 -0.00522135 0	994	Hexahedron	2

セル選択ボタンを押すと、そのセルだけの情報を表示する。



# グラフデータの書出し

(1) PlotOverLineと併用すると,

Showing cavity\_Re400fine.OpenFOAM Attribute: Cell Data Precision: 6

		Cell Type	Cell ID	Block Number
		Hexahedron	0	2
		Hexahedron	1	2
		Hexahedron	2	2
		Hexahedron	3	2
		Hexahedron	4	2
		Hexahedron	5	2
		Hexahedron	6	2
		Hexahedron	7	2
		Hexahedron	8	2
		Hexahedron	9	2
		Hexahedron	10	2
		Hexahedron	11	2

(2) グラフのデータも表示できる。  
(3) ここで表示したデータだけがExportできる。