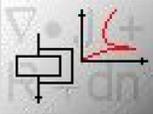


# Parâmetros da estrutura exibida:

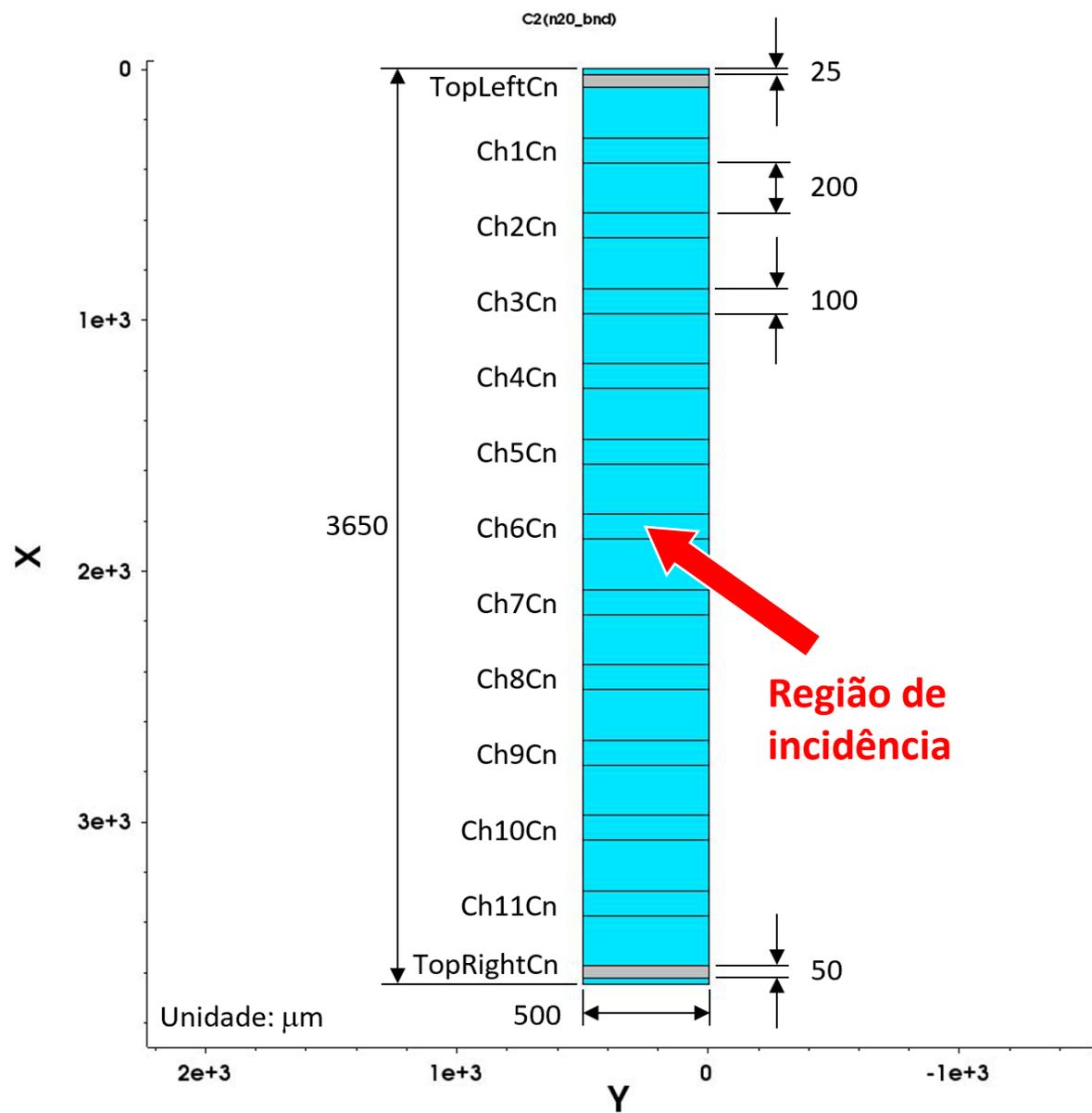
 SDE											
		NPlus	GainLayer	Thickness	Pitch	CW	NCh	Length	Oxide	BeamOffX	BeamOffY
1	--	2kOhm	BNL	120	300	100	11	500	200nm	0.0	0.0
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											

**Polarização do substrato**

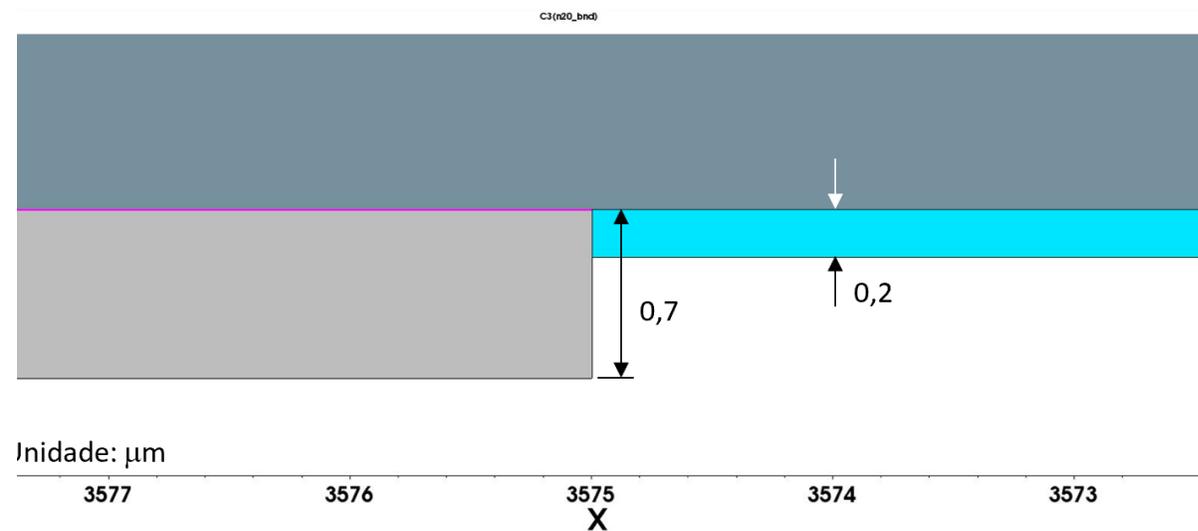


 SDEVICE					
	BDensity	ImpactModel	BeamRadius	SIM	BackBias
--	1.28e-5	Okuto	0.1	Beam	-300
				Breakdown	-2000

Vista 2D superior

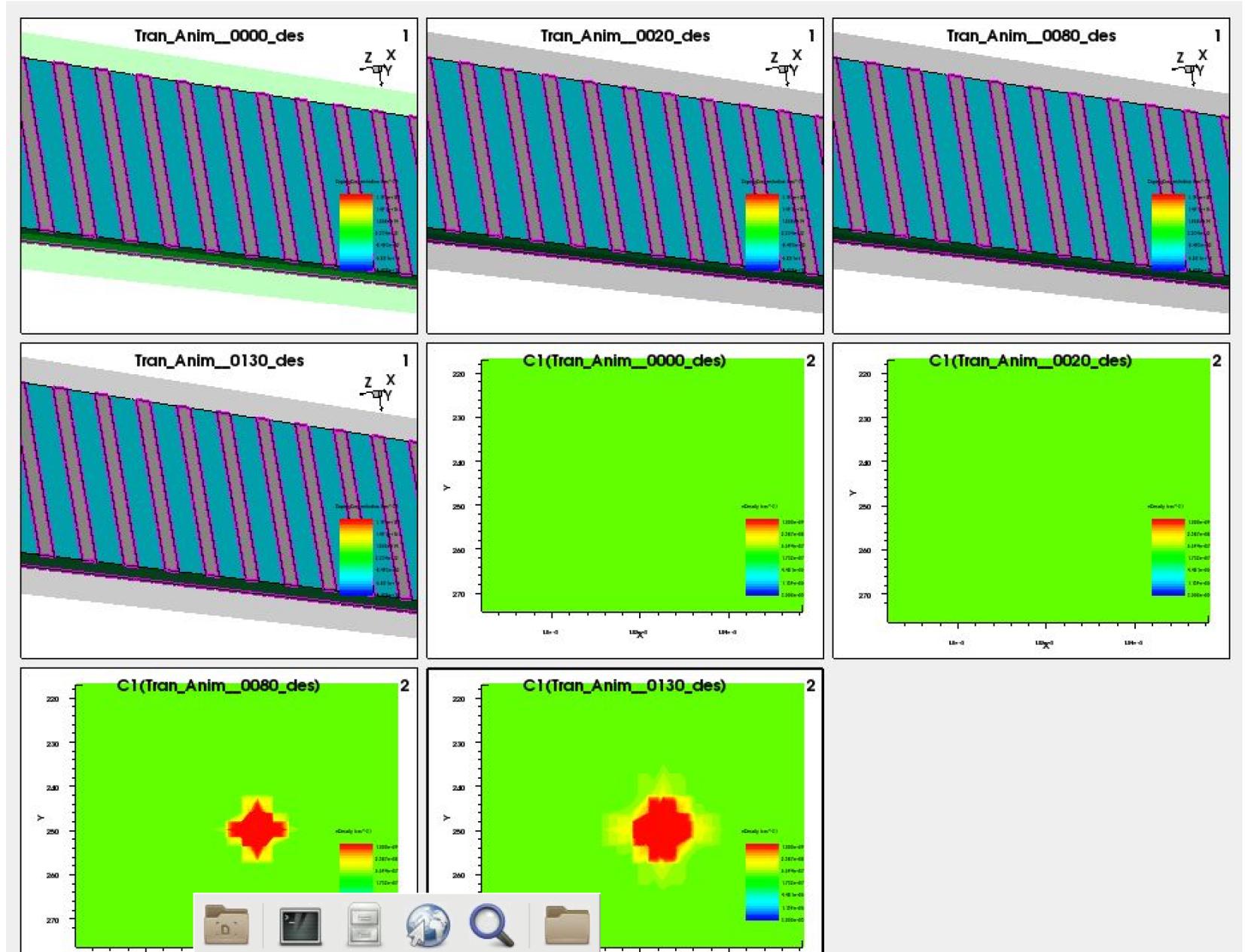


Vista 2D lateral – detalhe



# eDensity

Corte da vista superior, com destaque para a região de incidência.



## Gráficos da Corrente em função do tempo

Código usado para traçar os gráficos

```
1 import numpy as np
2 import matplotlib.pyplot as plt
3
4 filelist=[]
5
6 for i in range(1,11):
7     filelist.append("Curr_Ch%sCn.txt" %i)
8
9 # plt.figure(figsize=(10,10))
10
11 j = 1
12 for fname in filelist:
13     data=np.loadtxt(fname,comments='#',delimiter='\t',skiprows=1)
14     X=data[:,0]
15     Y=data[:,1]
16     # using the style for the plot
17     # plt.style.use('ggplot')
18     # plt.style.use('seaborn')
19     # creating plot
20     plt.plot(X,Y, linestyle="--", linewidth=1, label='Ch%sCn' %j)
21     j += 1
22
23 # Labels
24 plt.title("Default Simulation")
25 plt.xlabel("Time (s)")
26 plt.ylabel("Current (A)")
27
28 # Escalas
29 plt.xlim([0,1e-7])
30 plt.ylim([0,1e-7])
31
32
33 # Exibe
34 plt.grid(color = 'gray', linestyle = '--', linewidth = 0.3)
35 plt.legend()
36 plt.show()
37
38 # Salva
39 # plt.save('figure.png')
```

Vista 2D superior

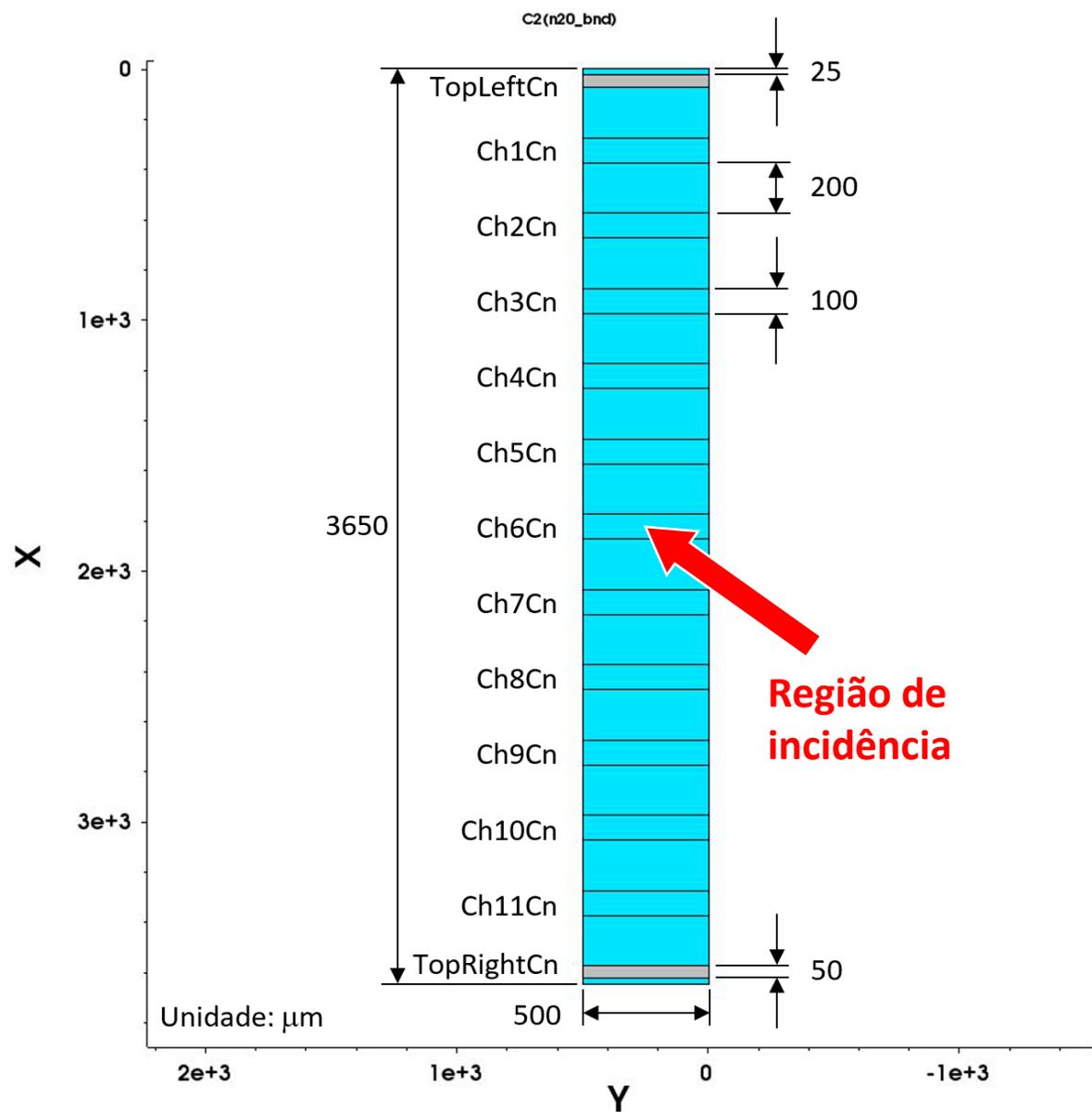
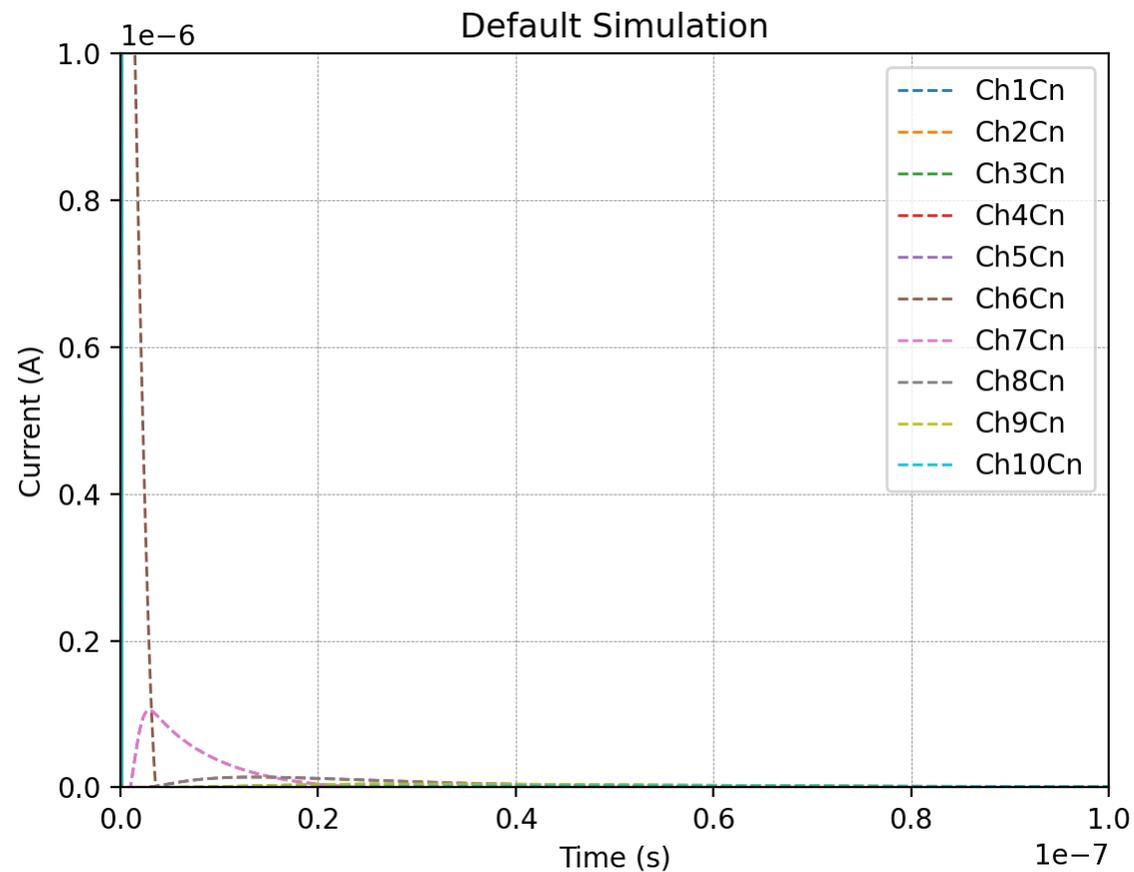


Gráfico da corrente ao longo do tempo e posição de cada eletrodo, alterando a escala da corrente



Vista 2D superior

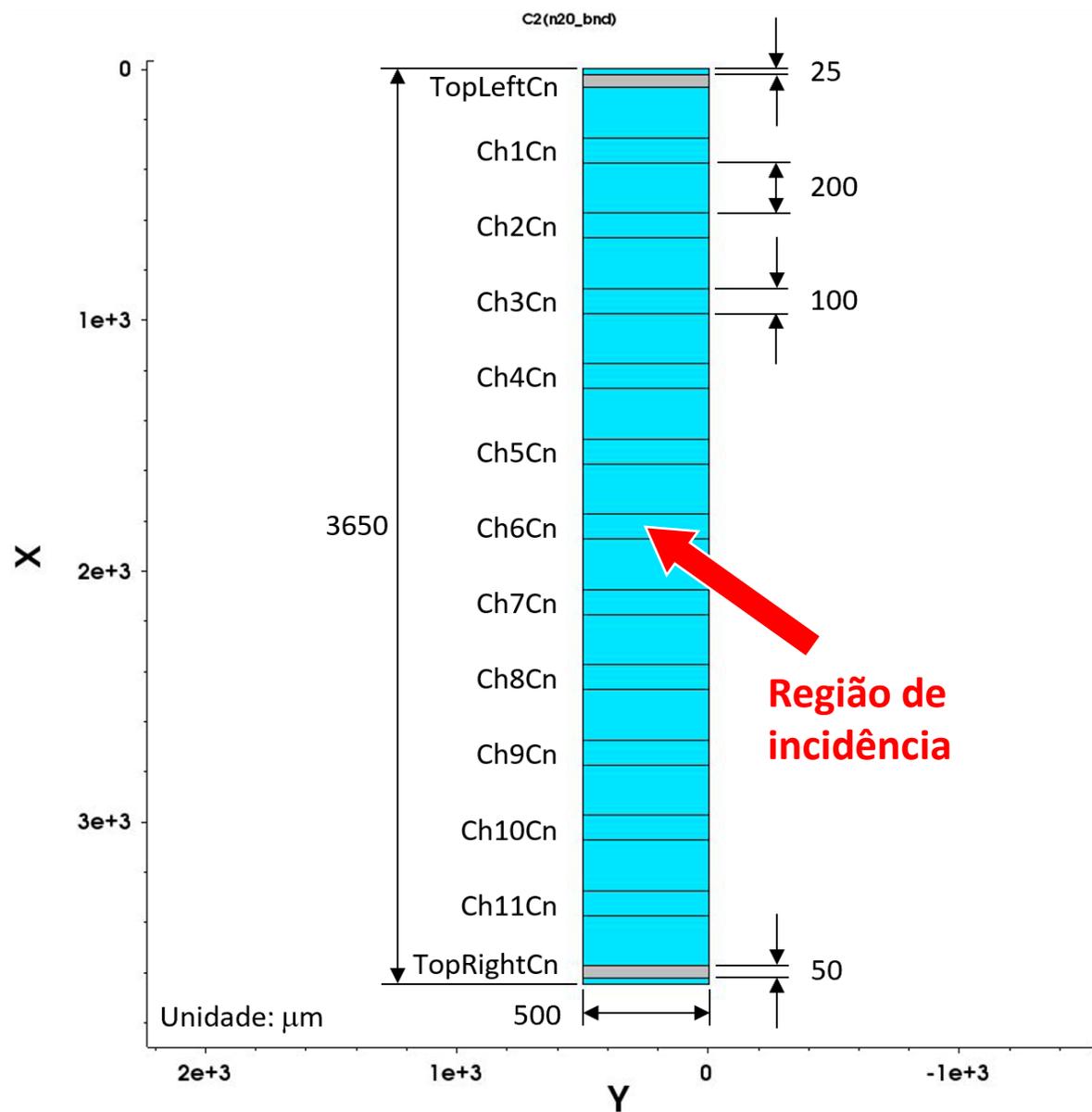
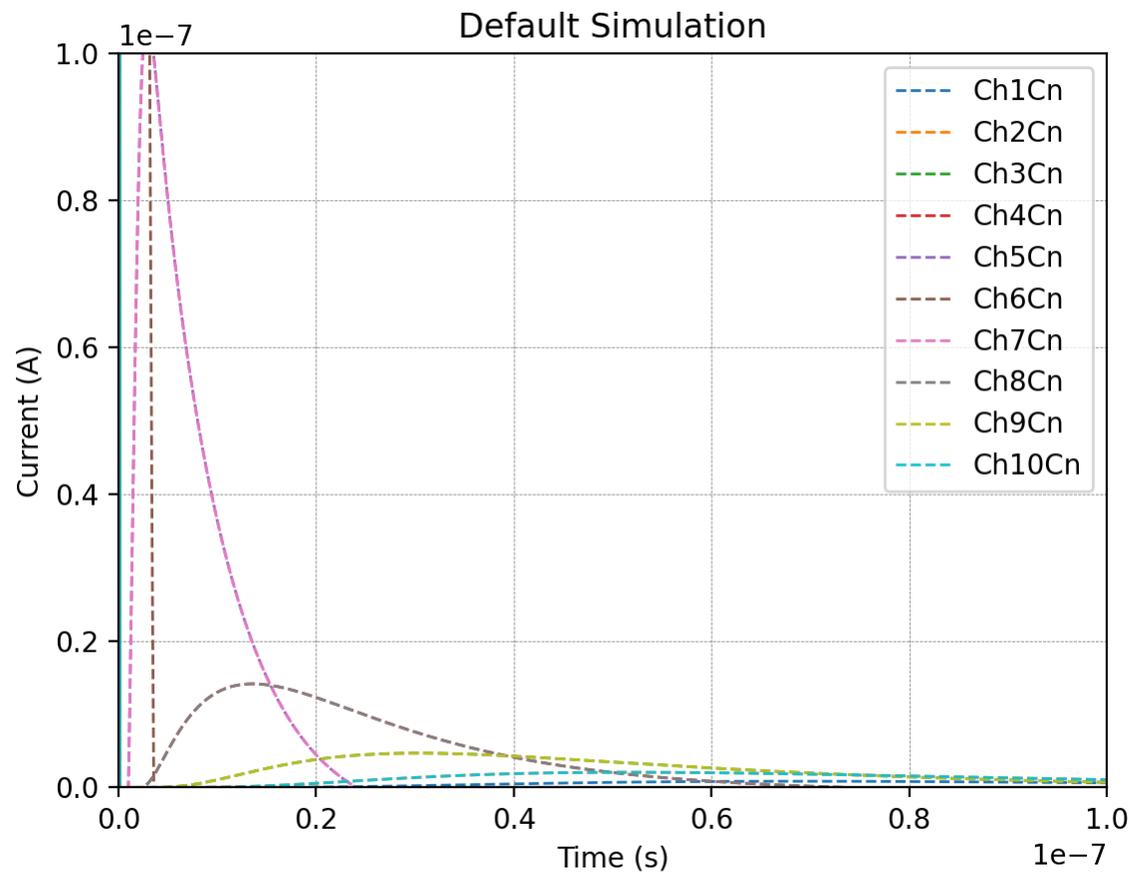


Gráfico da corrente ao longo do tempo e posição de cada eletrodo, alterando a escala da corrente



Vista 2D superior

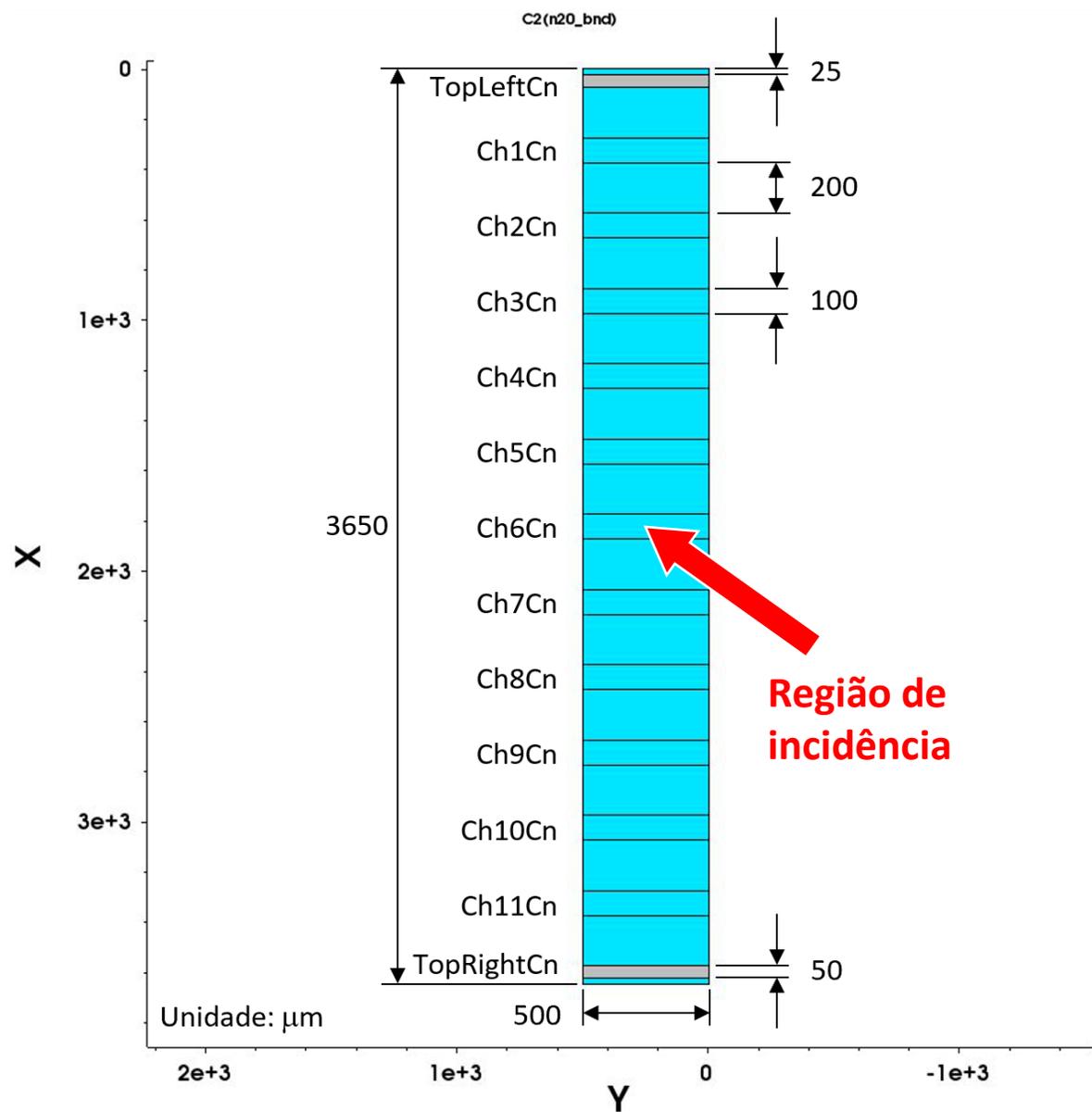
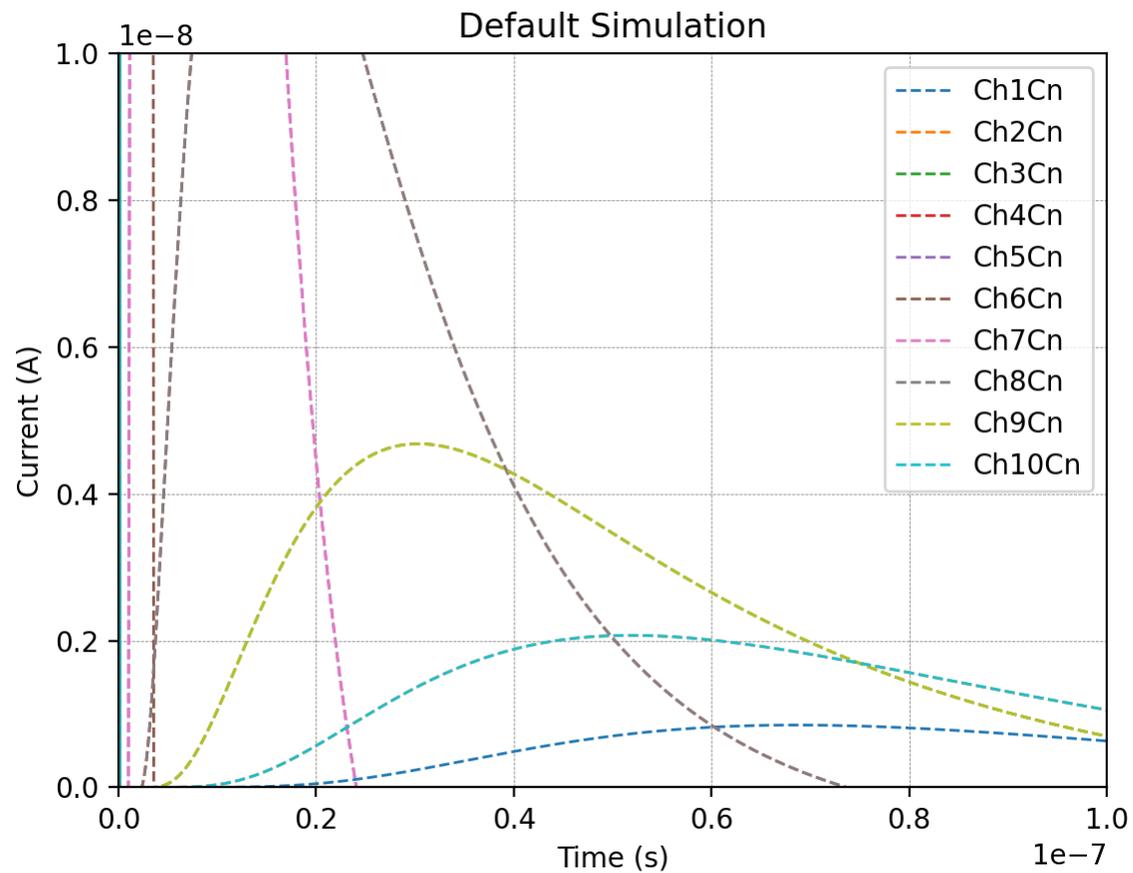


Gráfico da corrente ao longo do tempo e posição de cada eletrodo, alterando a escala da corrente



Vista 2D superior

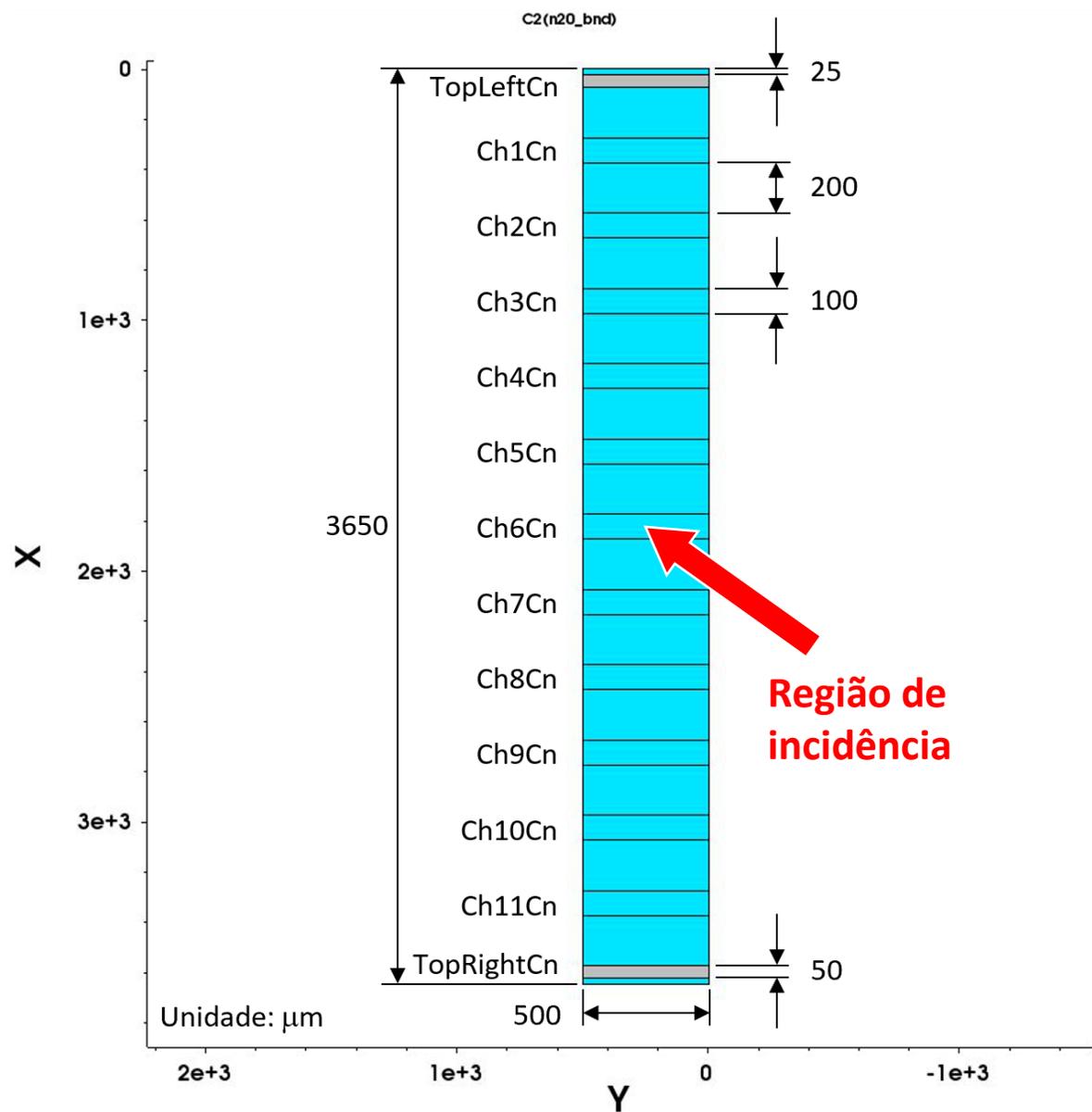
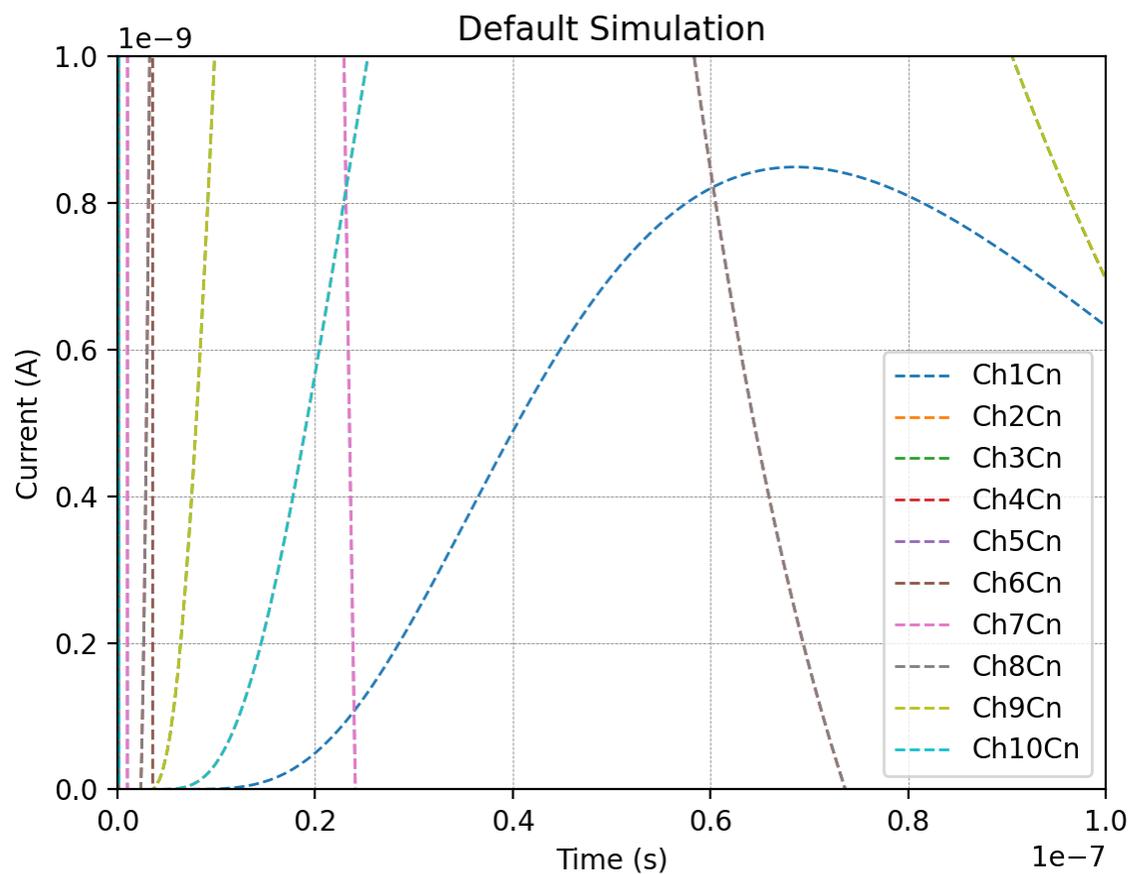
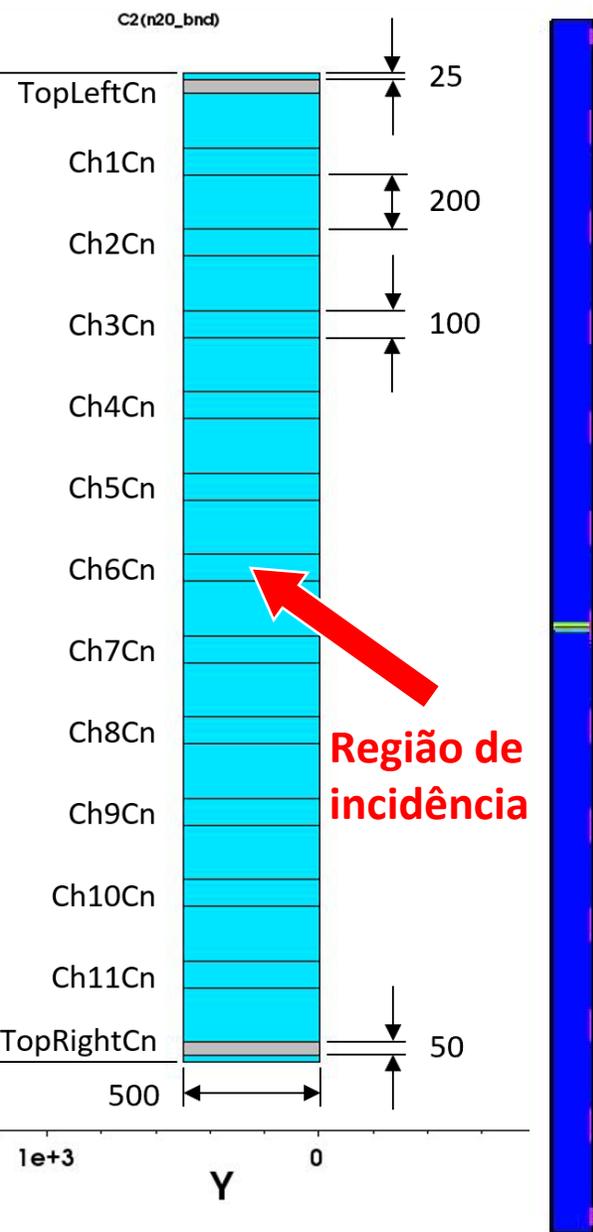


Gráfico da corrente ao longo do tempo e posição de cada eletrodo, alterando a escala da corrente



Vista 2D superior



Vista lateral do campo elétrico

