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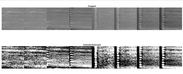
Setting images

```
path = '/content/drive/MyDrive/'
image_path = path + 'Colab Notebooks/Data/'
!ls -lh {image_path}
!pip install -q -U keras_tuner
!cp -r /content/drive/MyDrive/Colab\ Notebooks/Data .
!ls -lh Data
from PIL import Image, ImageOps, ImageFilter,ImageEnhance
import os
dataset = '/content/Data'
dataset = '/content/drive/MyDrive/Colab Notebooks/Data'
from os.path import isfile, isdir
print("dataset exists: ", isdir(dataset))
print("Number of files: ", len(os.listdir(dataset)))
```

```
dataset exists:  True
Number of files:  1000
```

Dataset

Dataset

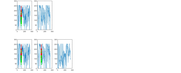


Enhancing the contrast

```
def contrast(image):
    enhancer = ImageEnhance.Contrast(image)
    factor = 1.5 # increase contrast
    return enhancer.enhance(factor)
def show_images(dataset):
    for filename in os.listdir(dataset):
        image = Image.open(os.path.join(dataset, filename))
        image = contrast(image)
        display(image)
        break
show_images(dataset)
```

Dataset

Dataset



Selection of cases low for tdensity profile

```
!cp -r Data
```

```
cp: cannot stat '/content/drive/MyDrive/Colab Notebooks/Data': No such file or directory
```