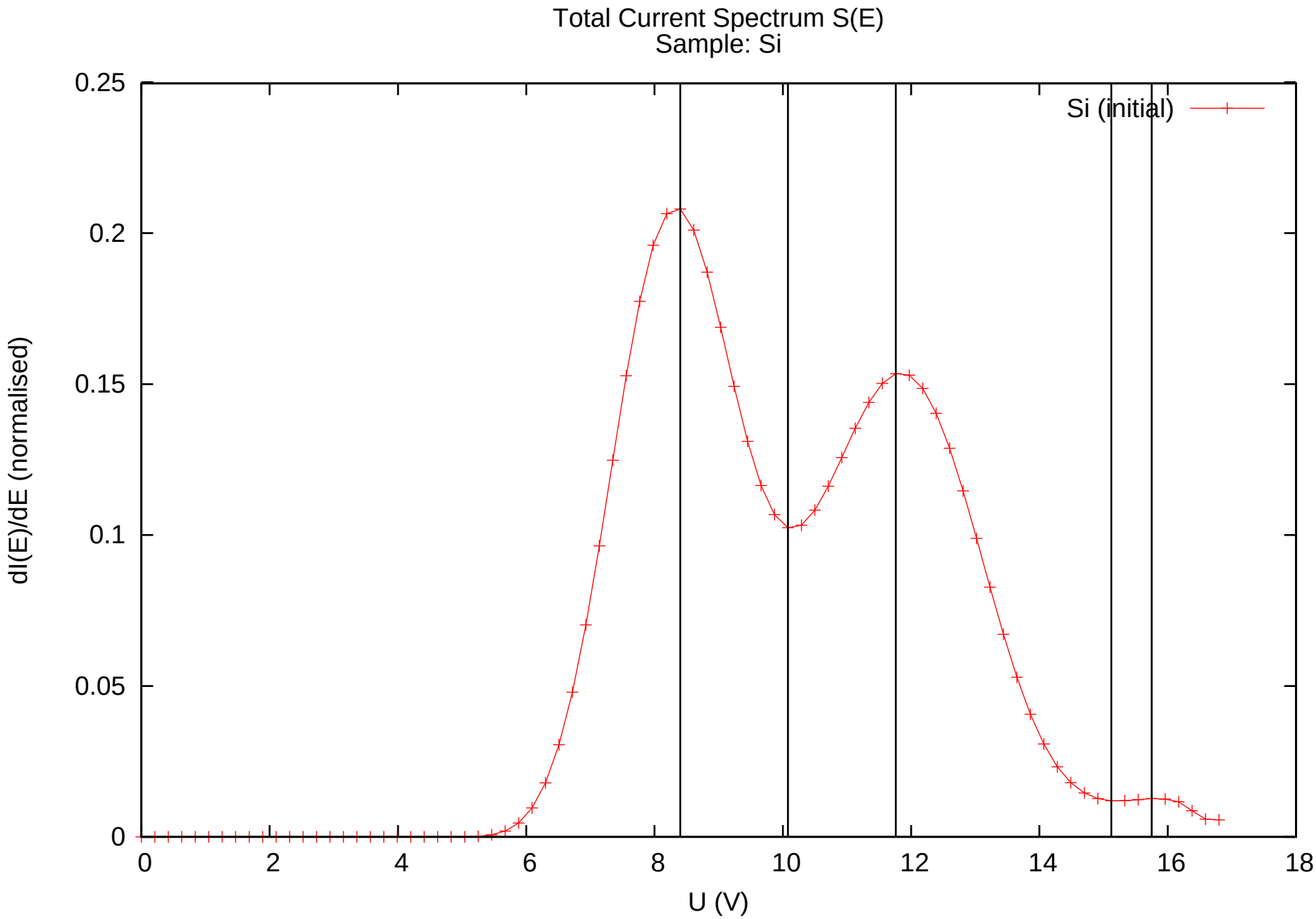
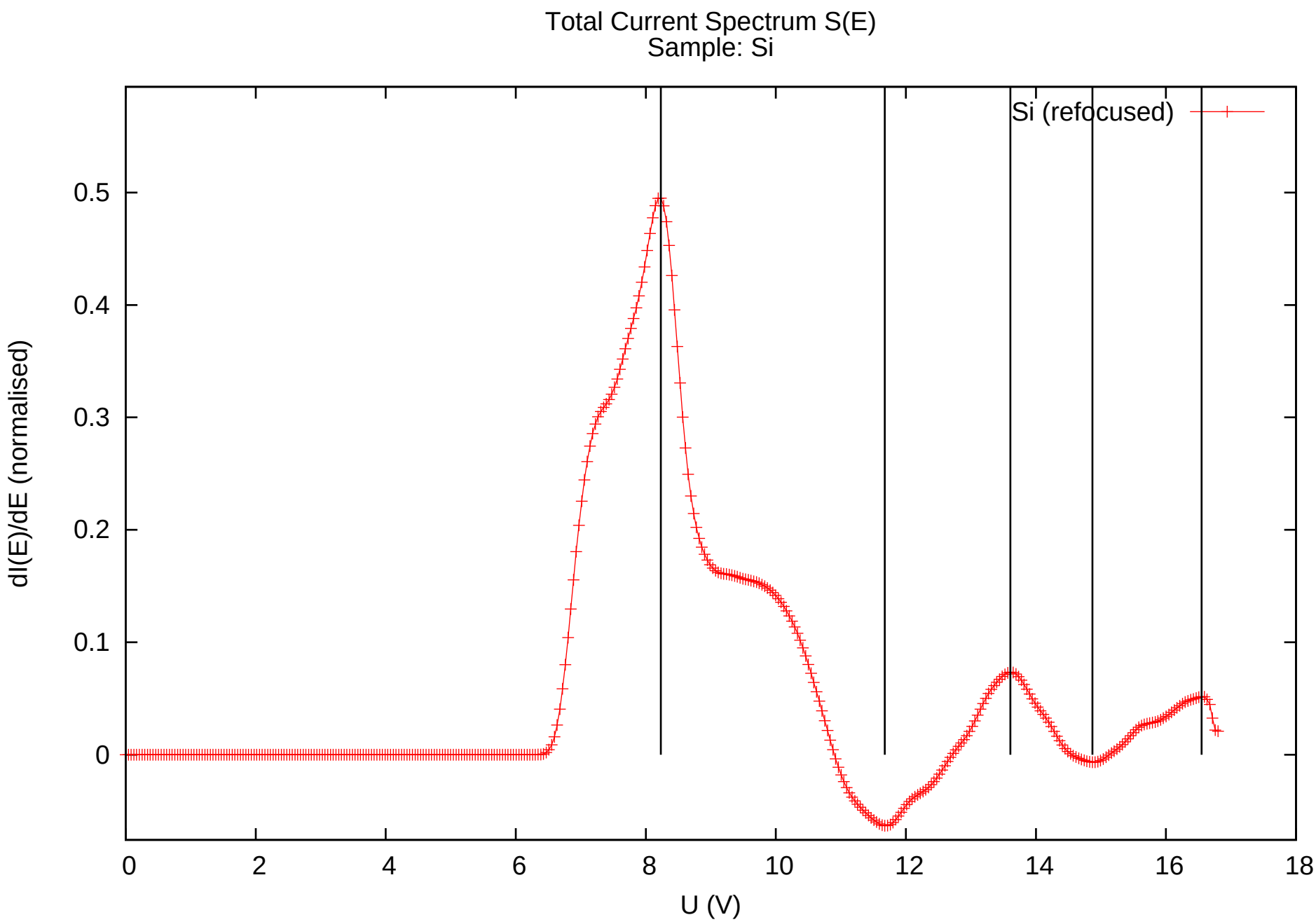
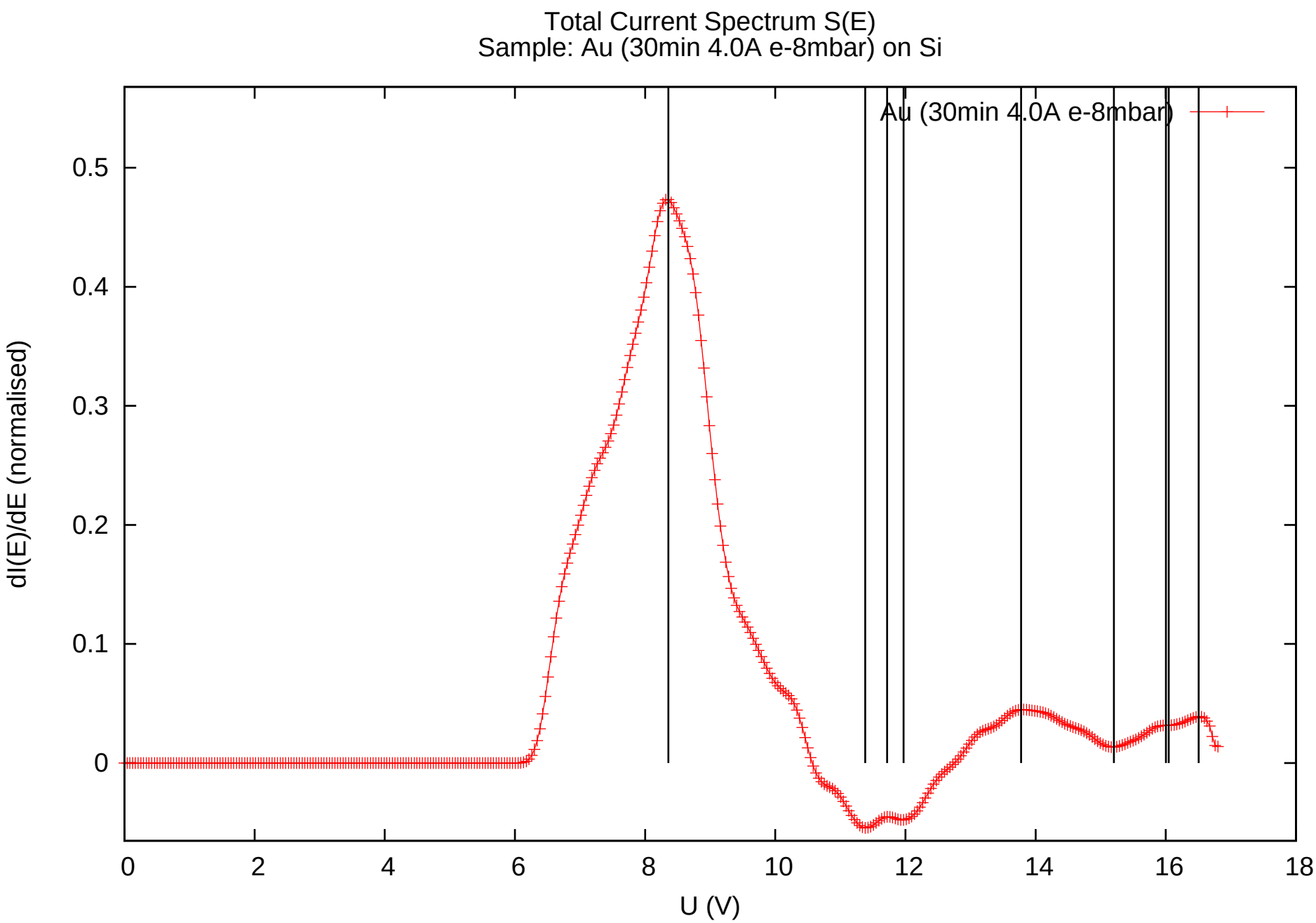
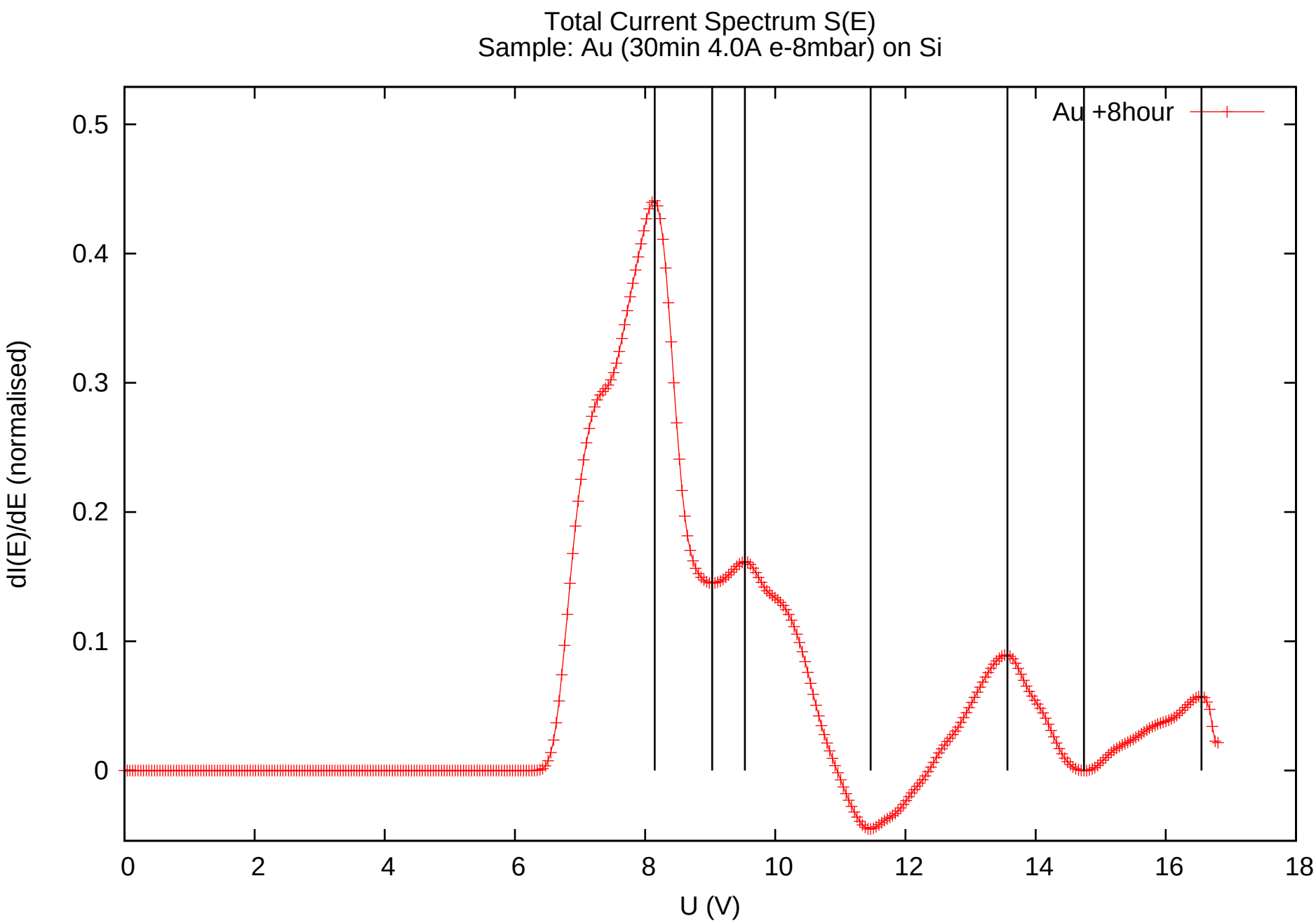
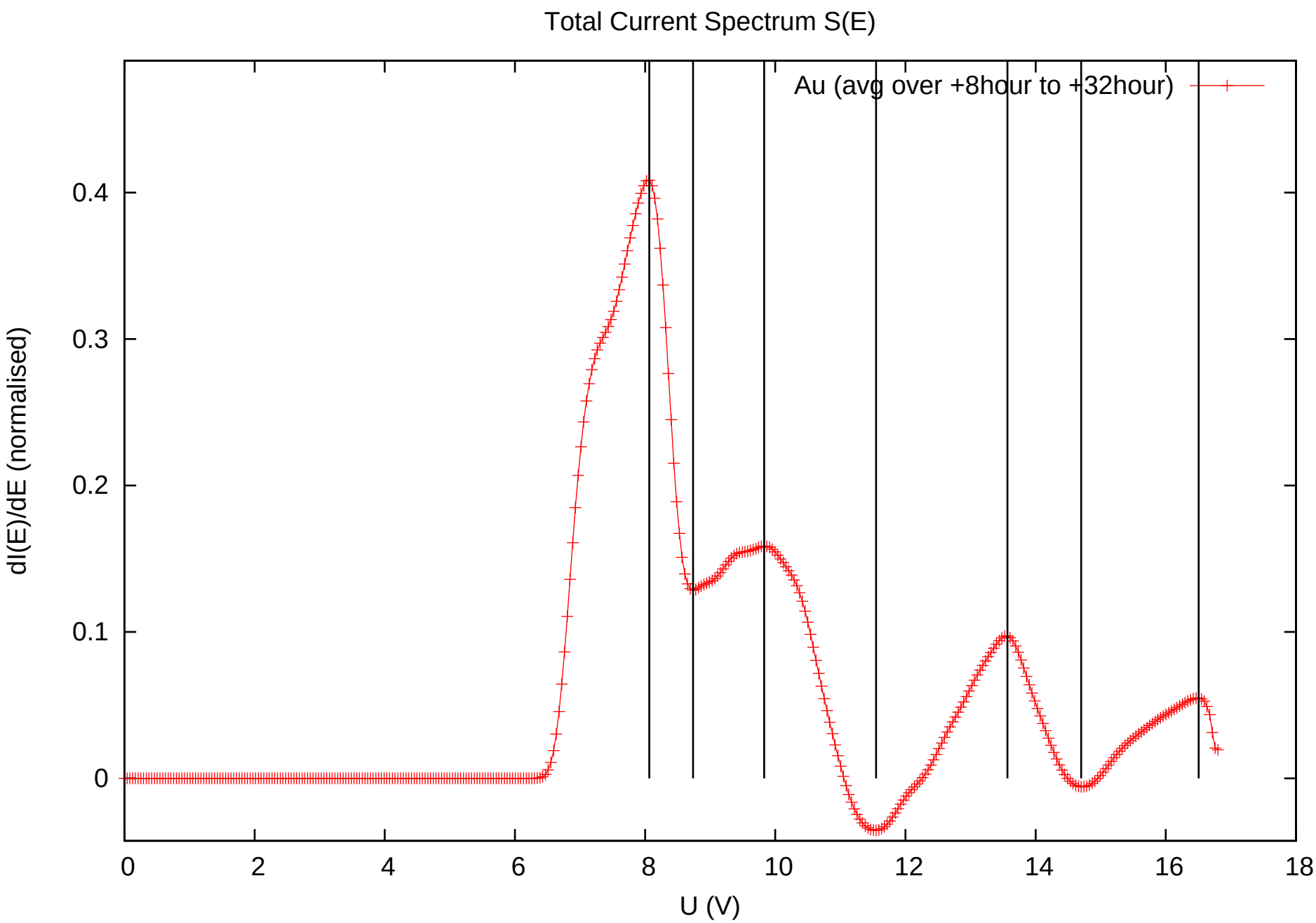
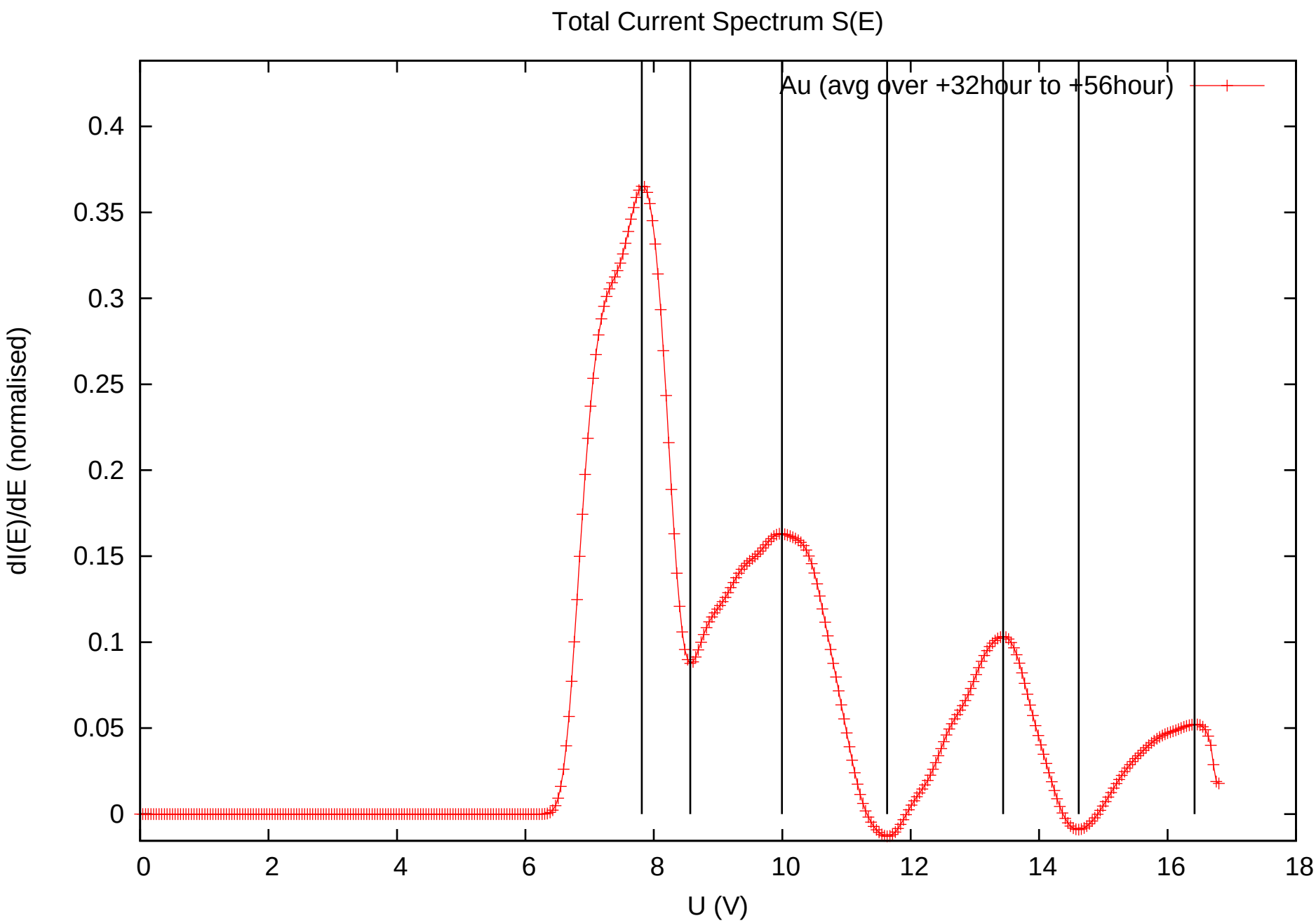

Total Current Spectrum S(E)
Sample: Si
Si (initial)
dI(E)/dE (normalised)
U (V)
0.25
0.2
0.15
0.1
0.05
0
0
2
4
6
8
10
12
14
16
18

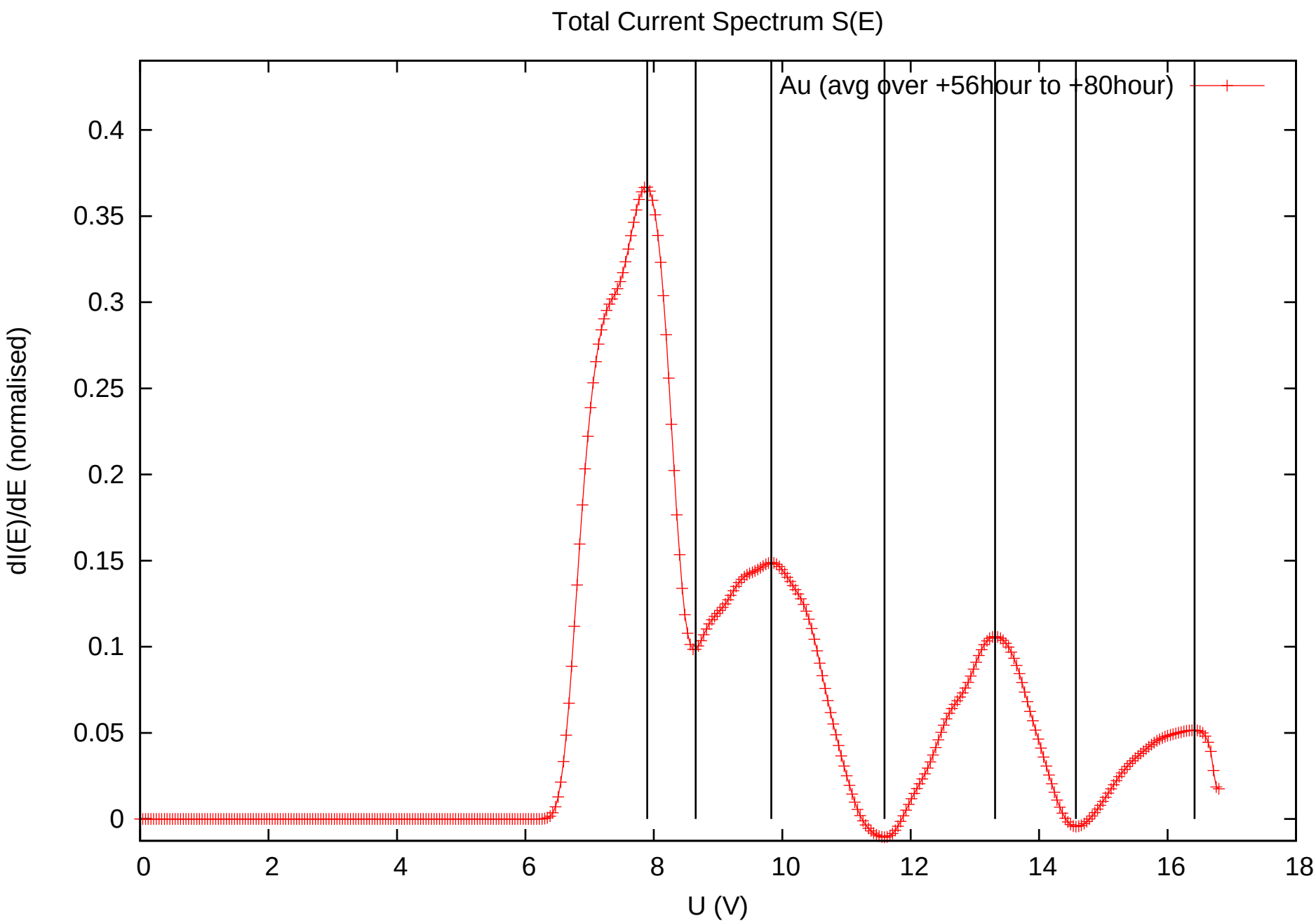

Total Current Spectrum S(E)
Sample: Si
Si (refocused)
dI(E)/dE (normalised)
U (V)
0.5
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
12
14
16
18

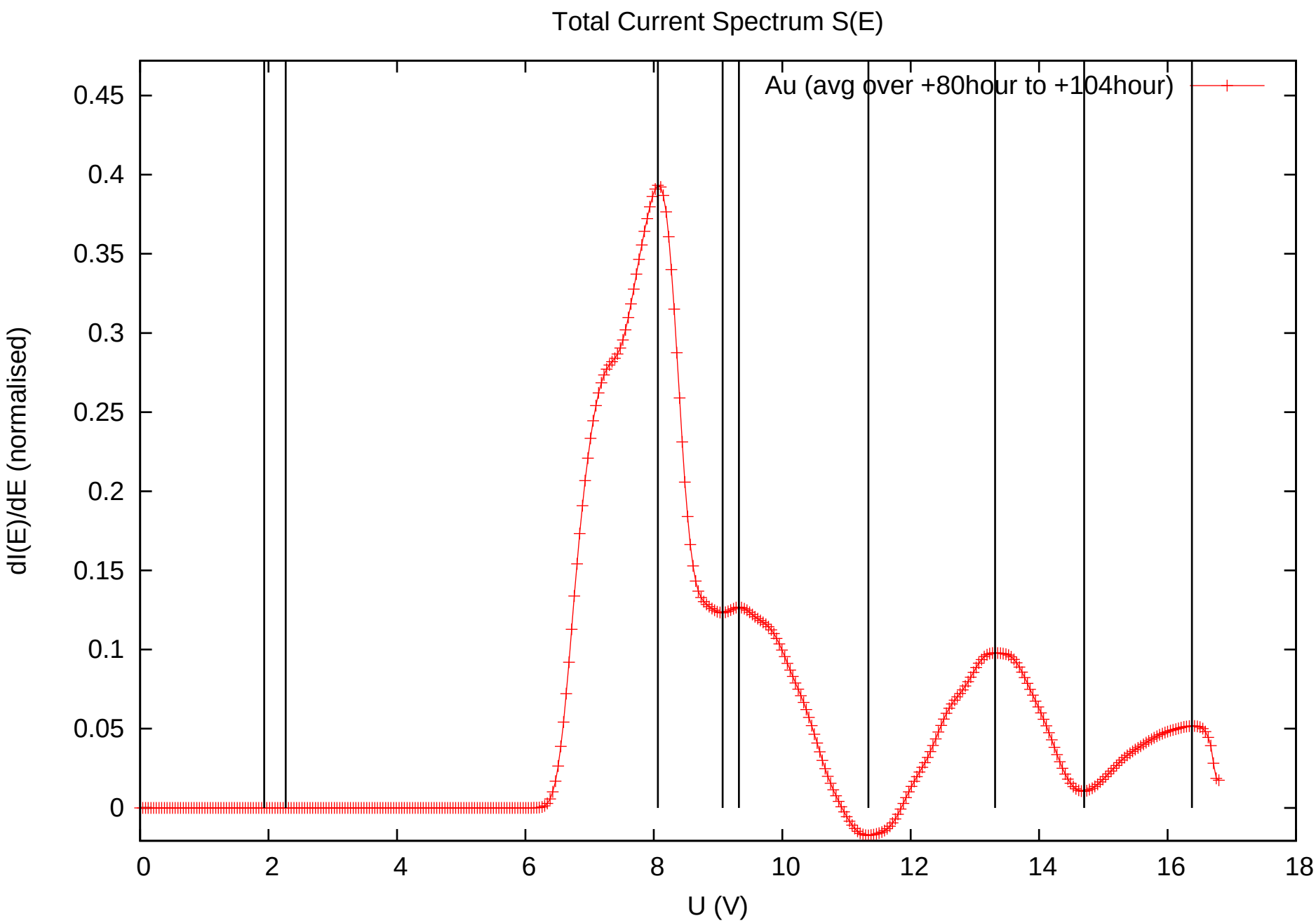

Total Current Spectrum S(E)
Sample: Au (30min 4.0A e-8mbar) on Si
Au (30min 4.0A e-8mbar)
dI(E)/dE (normalised)
0.5
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
12
14
16
18
U (V)


Total Current Spectrum S(E)
Sample: Au (30min 4.0A e-8mbar) on Si
Au +8hour
dI(E)/dE (normalised)
U (V)
0.5
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
12
14
16
18


Total Current Spectrum S(E)
Au (avg over +8hour to +32hour)
dI(E)/dE (normalised)
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
12
14
16
18
U (V)


Total Current Spectrum S(E)
Au (avg over +32hour to +56hour)
dI(E)/dE (normalised)
U (V)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0
2
4
6
8
10
12
14
16
18


Total Current Spectrum S(E)
Au (avg over +56hour to +80hour)
dI(E)/dE (normalised)
U (V)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0
2
4
6
8
10
12
14
16
18


Total Current Spectrum S(E)
Au (avg over +80hour to +104hour)
dI(E)/dE (normalised)
U (V)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
2
4
6
8
10
12
14
16
18