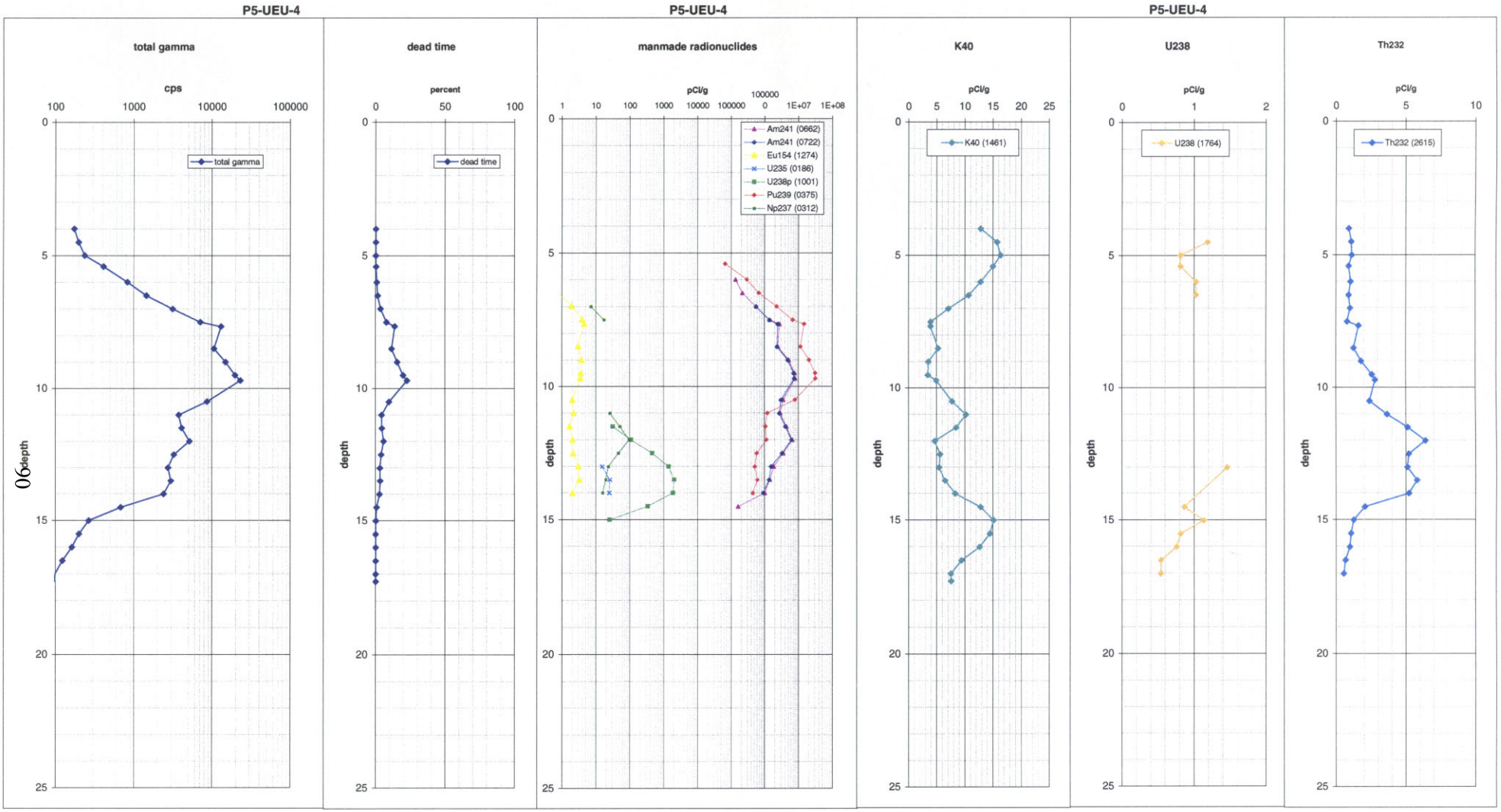
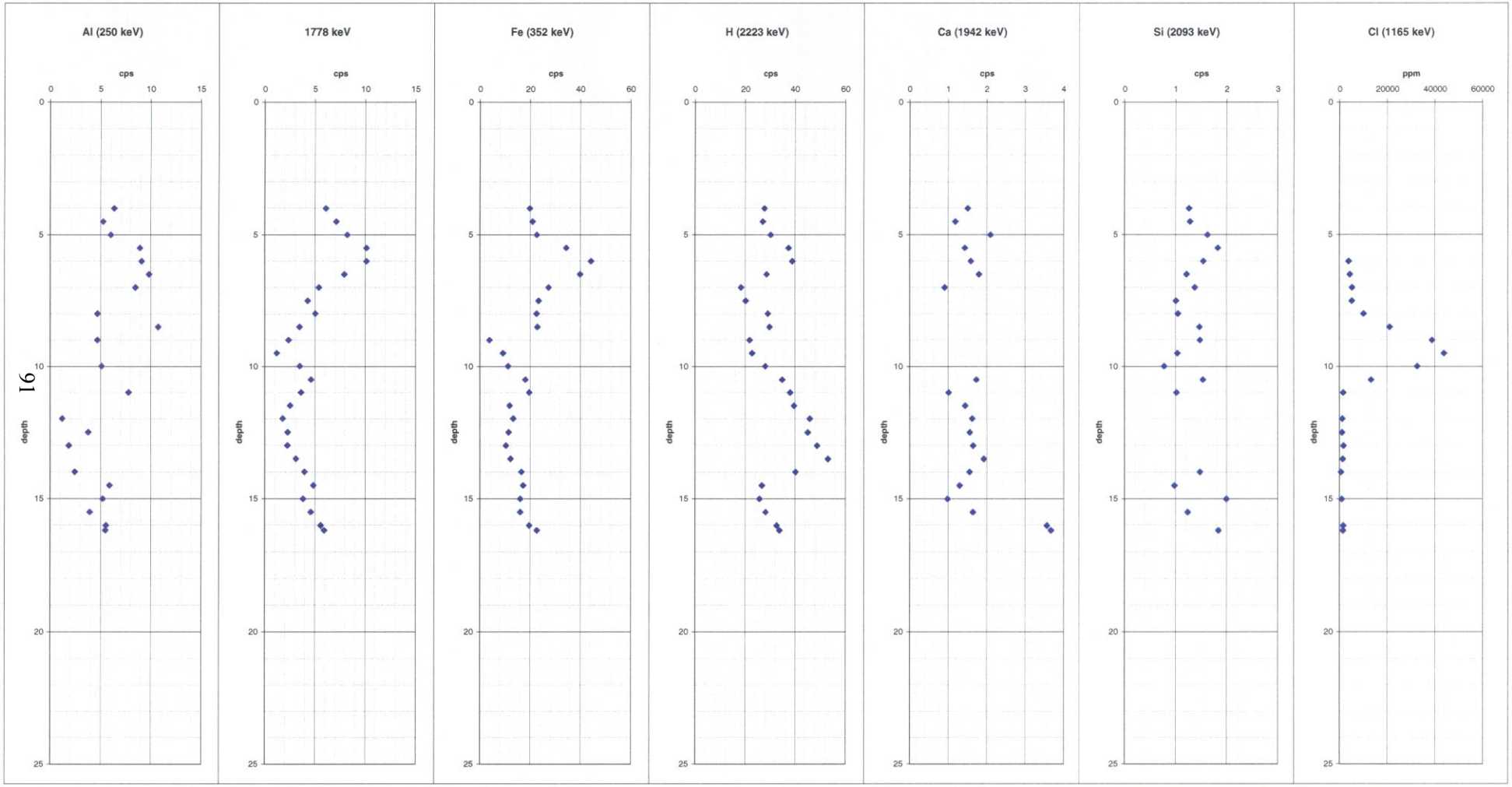
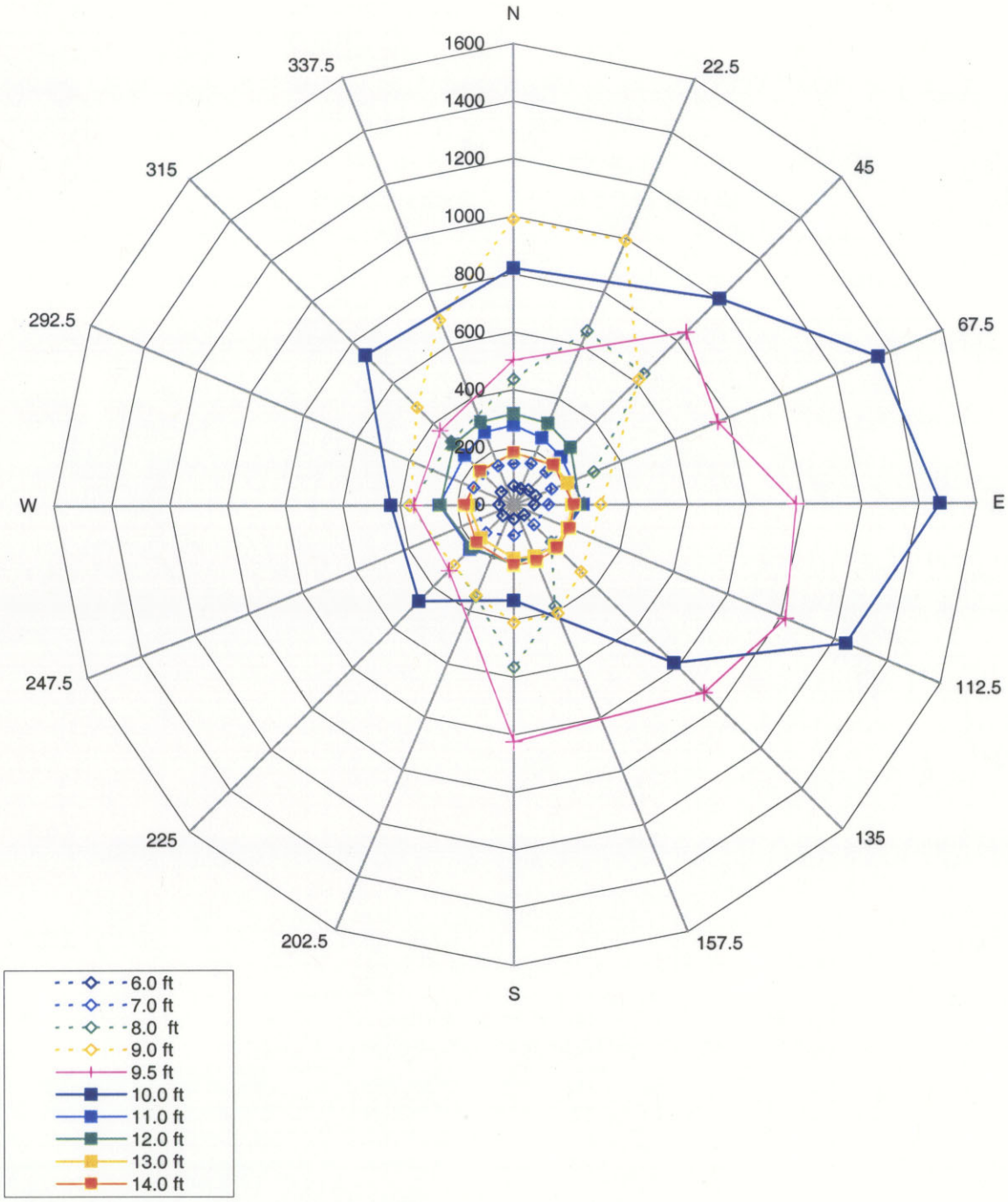

P5-UEU-4
total gamma
cps
total gamma
depth
dead time
percent
dead time
depth
P5-UEU-4
manmade radionuclides
pCi/g
Am241 (0662)
Am241 (0722)
Eu154 (1274)
U235 (0186)
U238p (1001)
Pu239 (0375)
Np237 (0312)
depth
P5-UEU-4
K40
pCi/g
K40 (1461)
depth
U238
pCi/g
U238 (1764)
depth
Th232
pCi/g
Th232 (2615)
depth

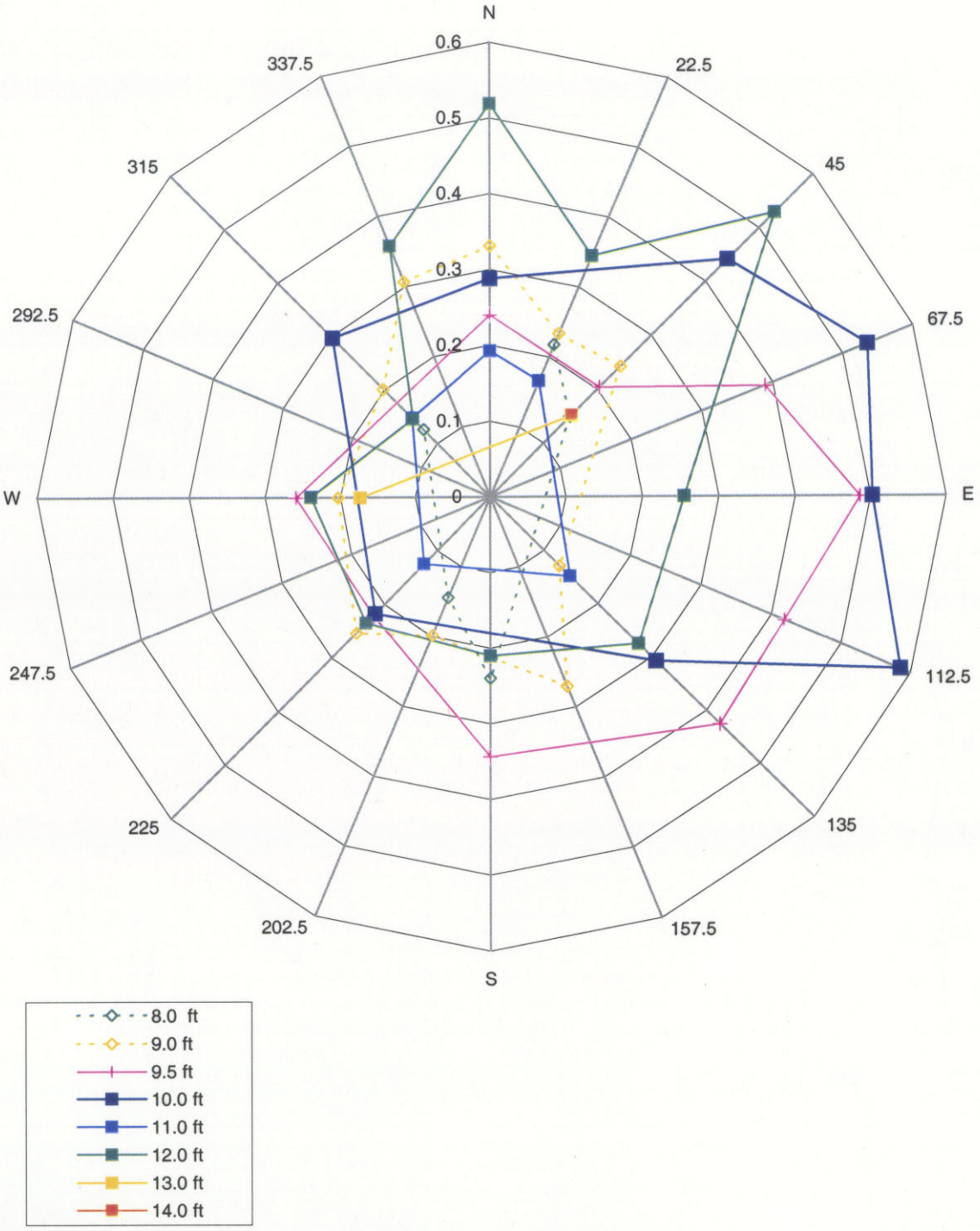
P5-UEU-4


Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth

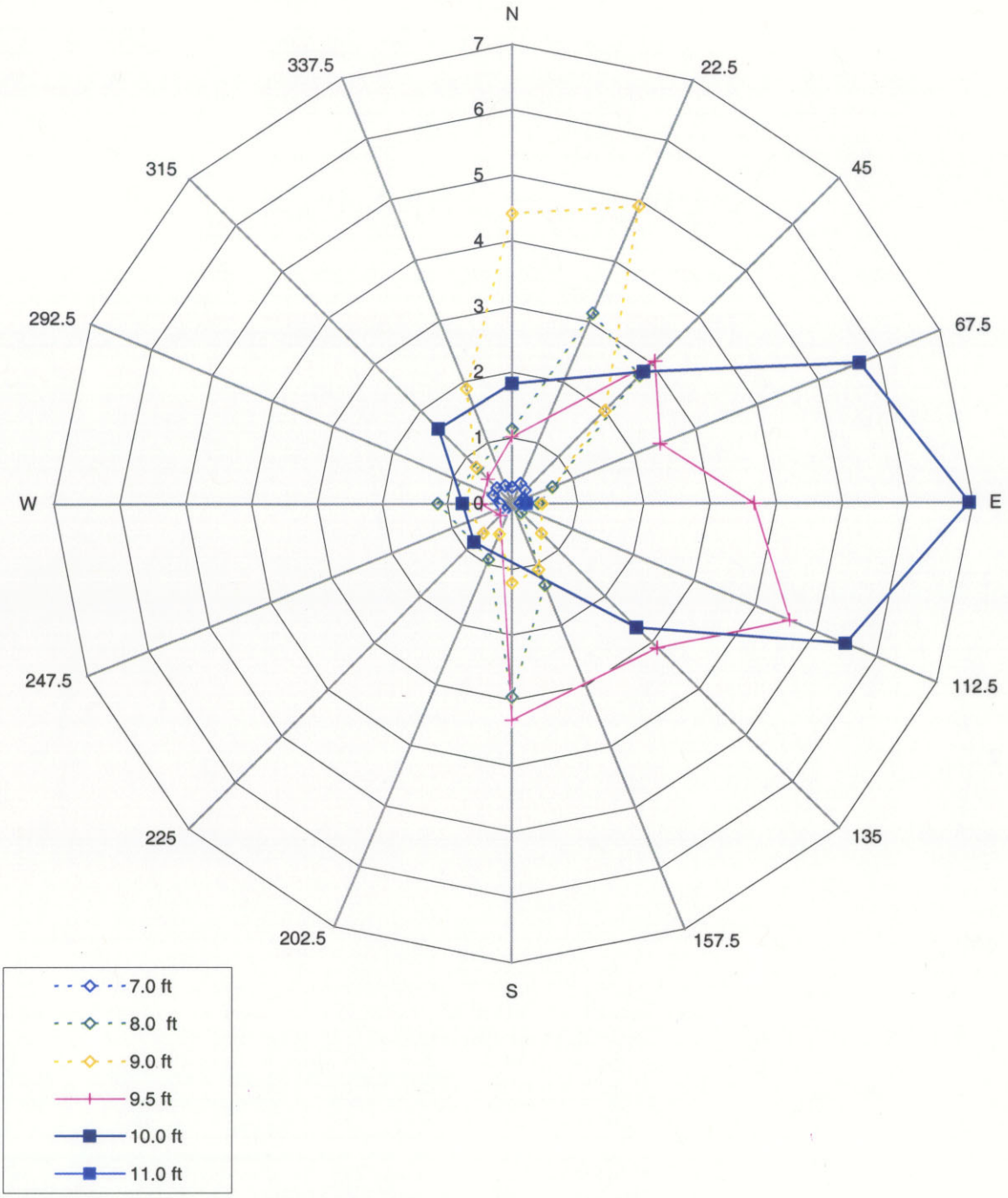
P5-UEU-4 Total Gamma (9.0 ft to 14.0 ft)



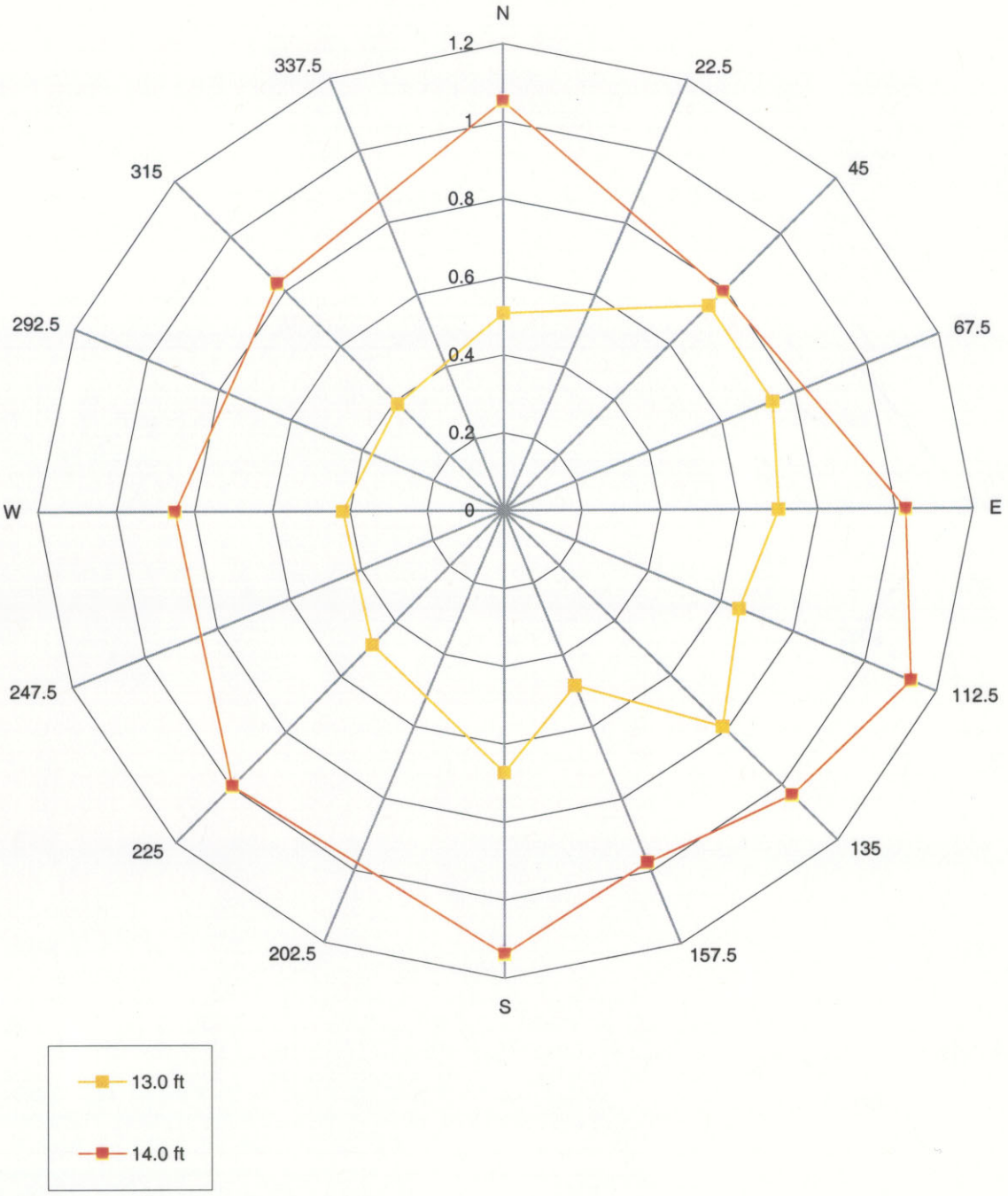
P5-UEU-4 Am-241 (662 keV - 9.0ft to 14.0 ft)

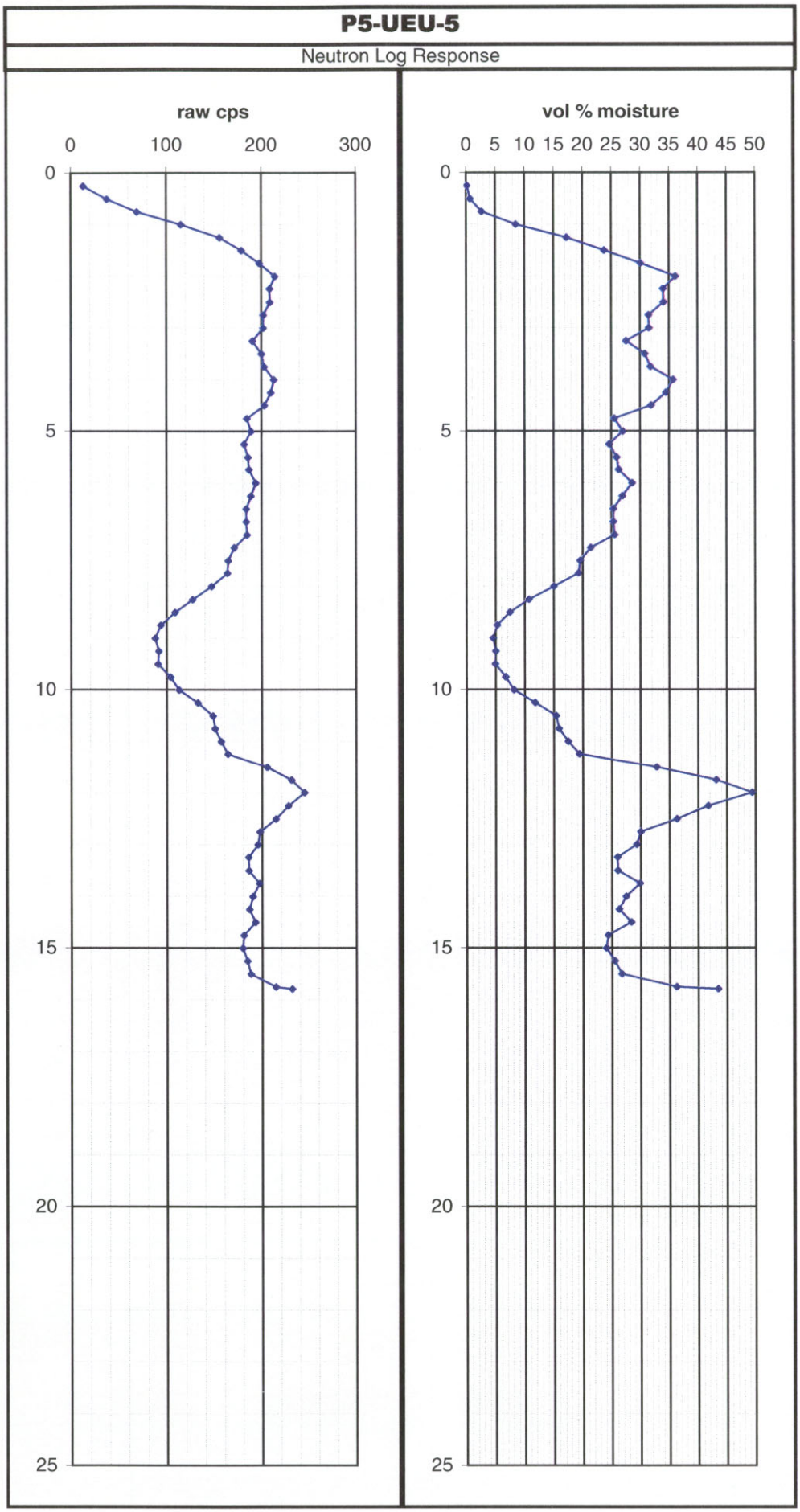


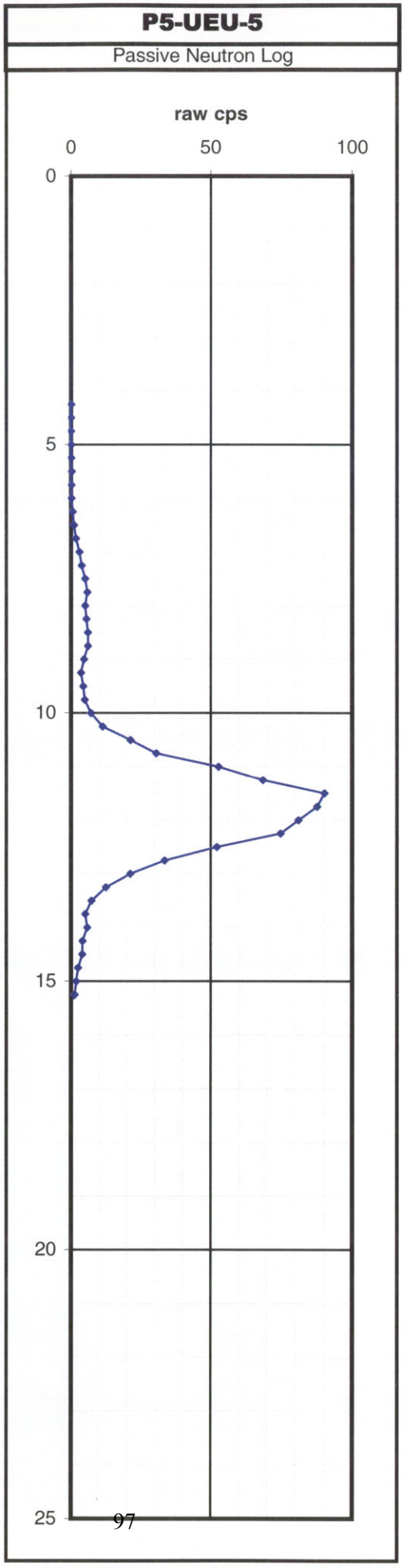
P5-UEU-4 Pu-239 (375 keV - 9.0 ft to 14.0 ft)

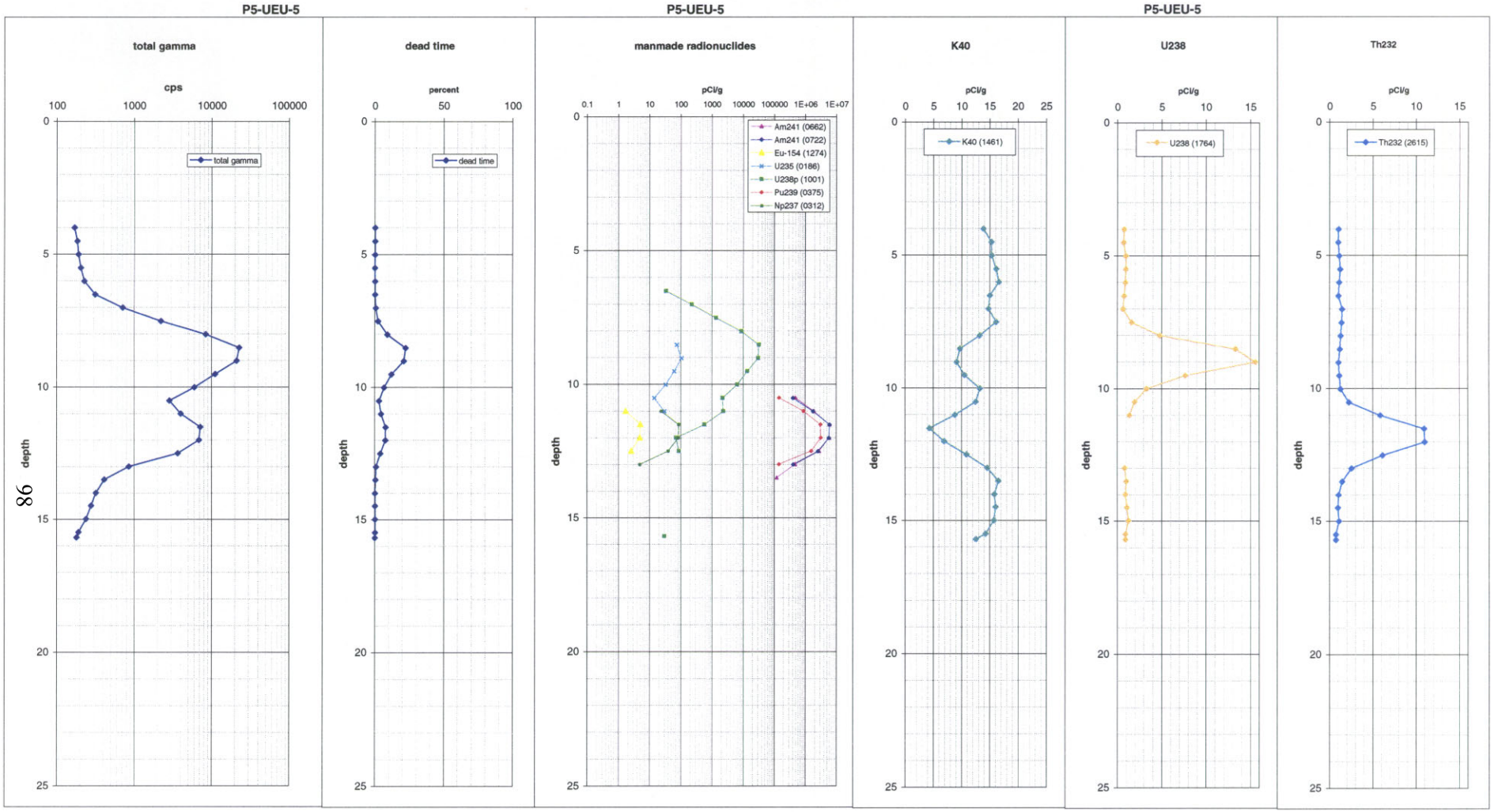


P5-UEU-4 U-238 (1001 keV - 9.0 ft to 14.0 ft)

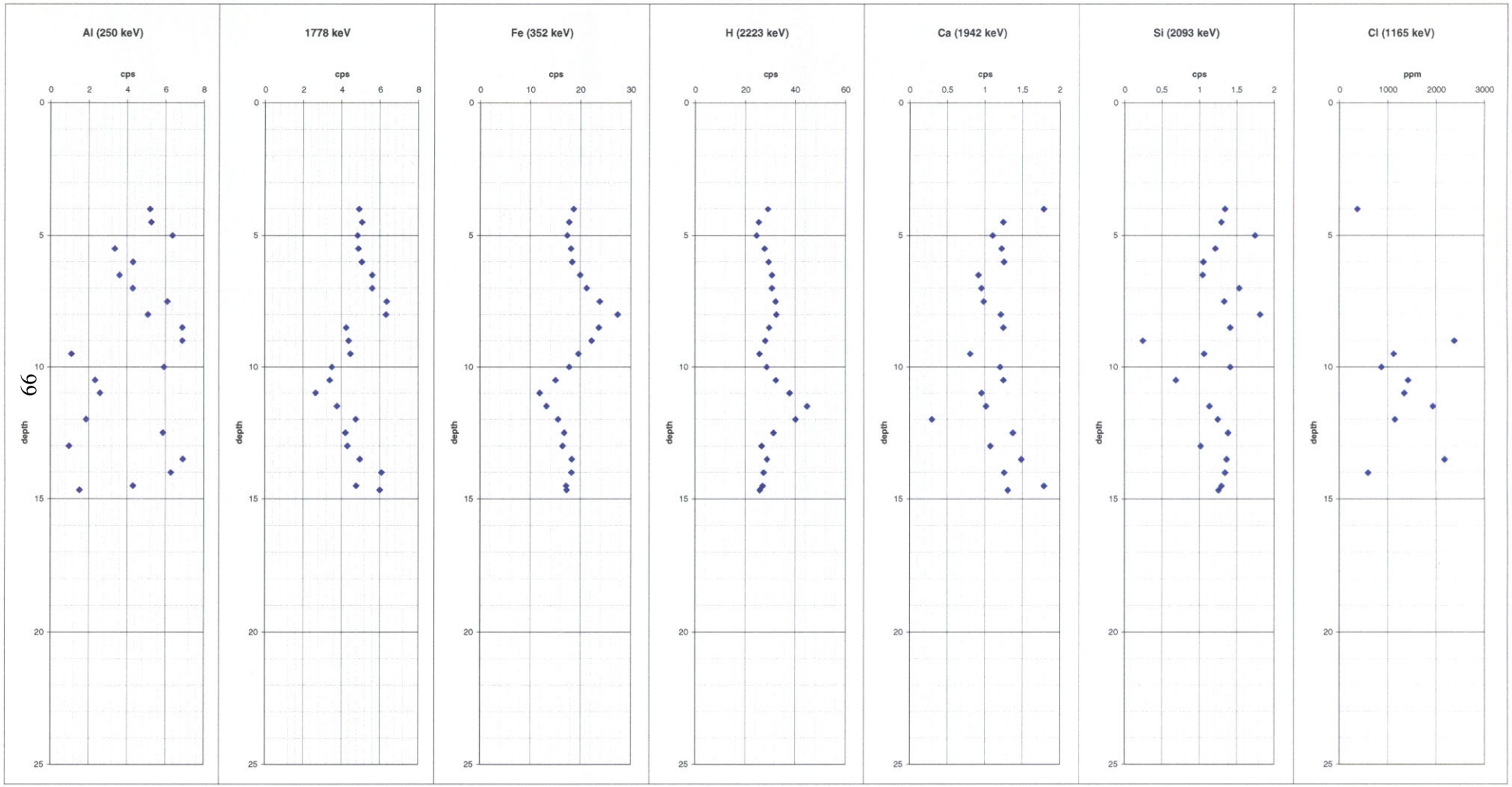



P5-UEU-5
Neutron Log Response
raw cps
0
100
200
300
vol % moisture
0 5 10 15 20 25 30 35 40 45 50
0
5
10
15
20
25

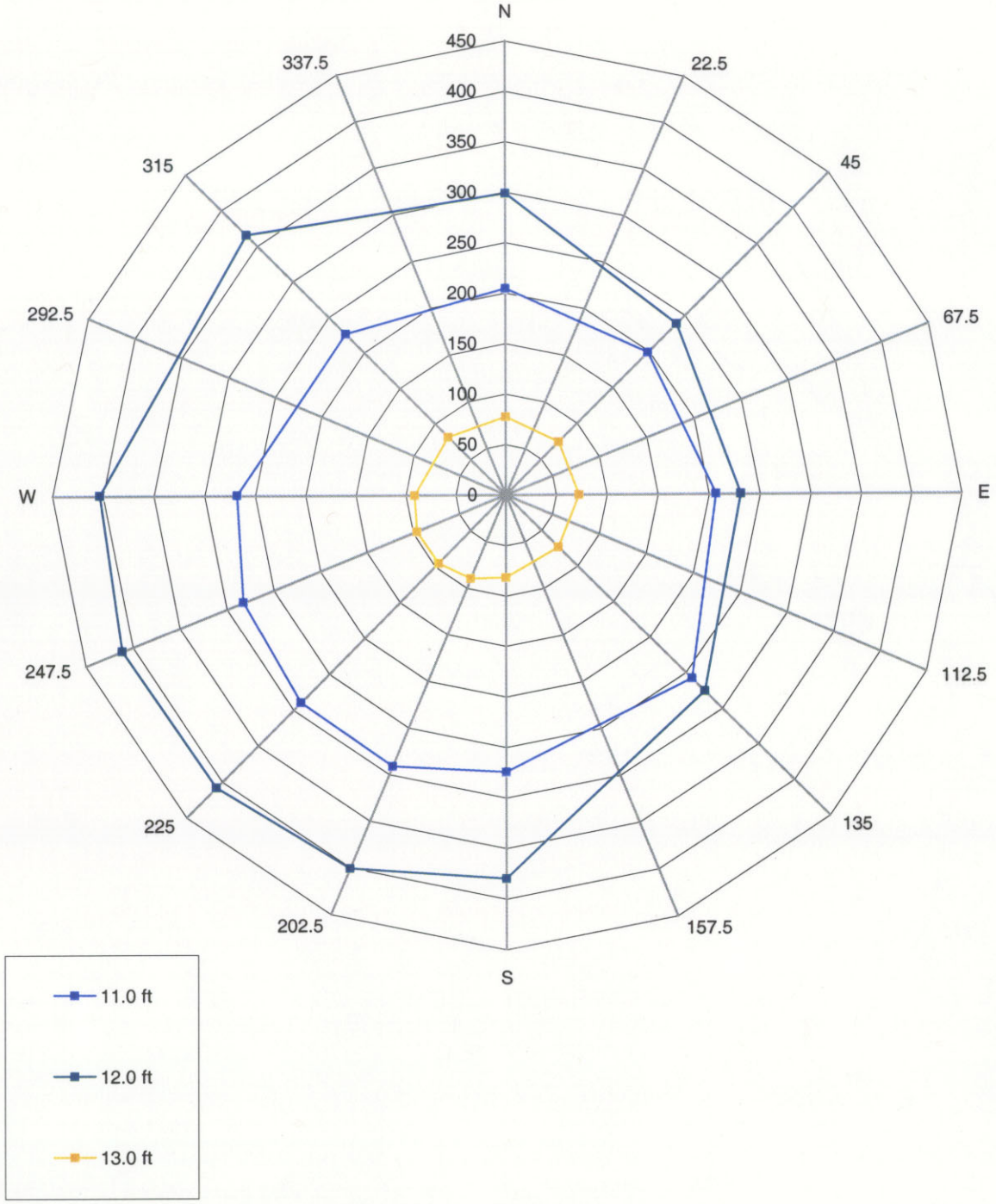

P5-UEU-5
Passive Neutron Log
raw cps
0
50
100
0
5
10
15
20
25


P5-UEU-5
total gamma
cps
100
1000
10000
100000
total gamma
depth
0
5
10
15
20
25
P5-UEU-5
dead time
percent
0
50
100
dead time
depth
P5-UEU-5
manmade radionuclides
pCi/g
0.1
1
10
100
1000
10000
100000
1E+06
1E+07
Am241 (0662)
Am241 (0722)
Eu-154 (1274)
U235 (0186)
U238p (1001)
Pu239 (0375)
Np237 (0312)
depth
P5-UEU-5
K40
pCi/g
0
5
10
15
20
25
K40 (1461)
depth
U238
pCi/g
U238 (1764)
depth
Th232
pCi/g
Th232 (2615)
depth

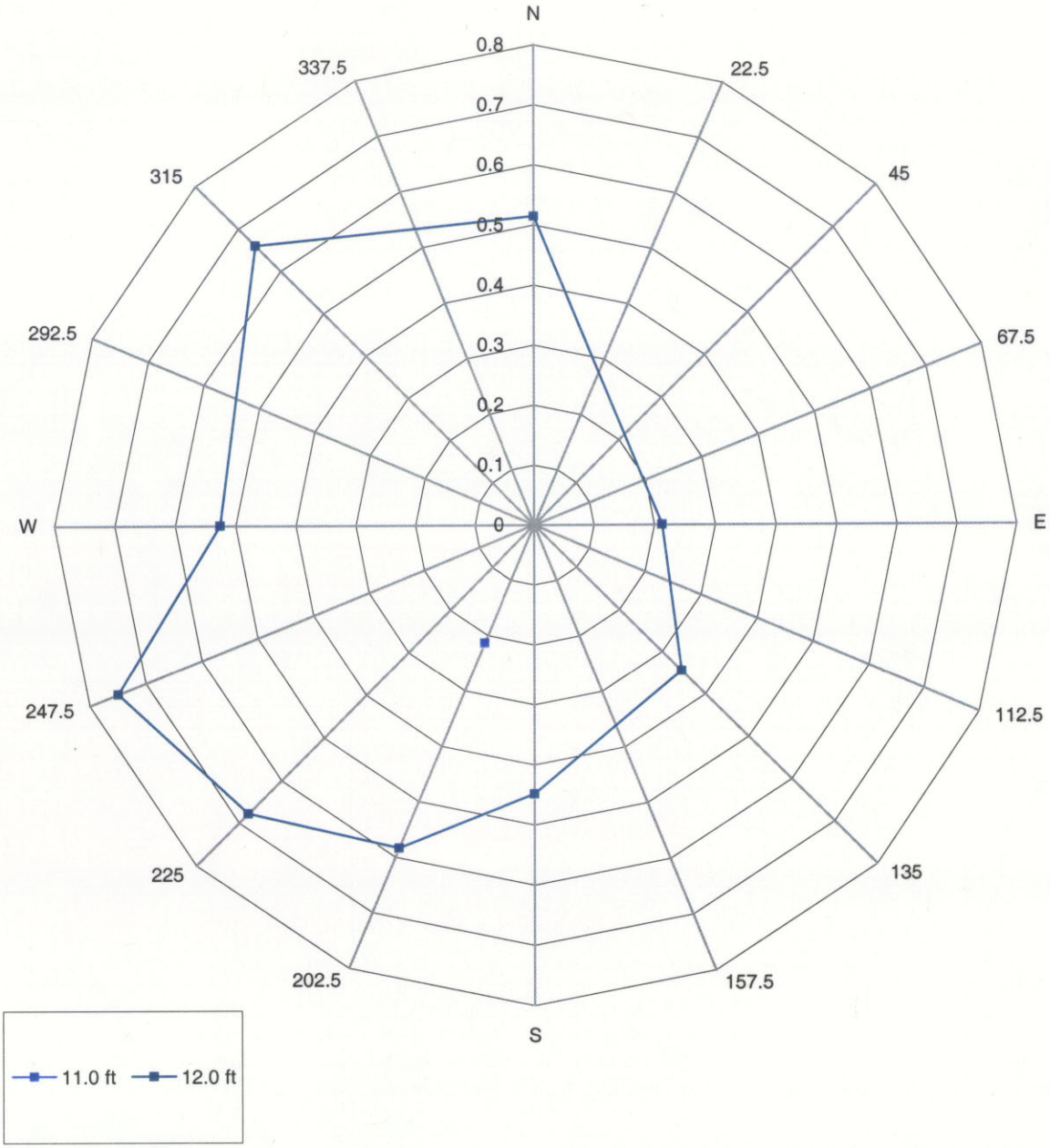
P5-UEU-5


Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth

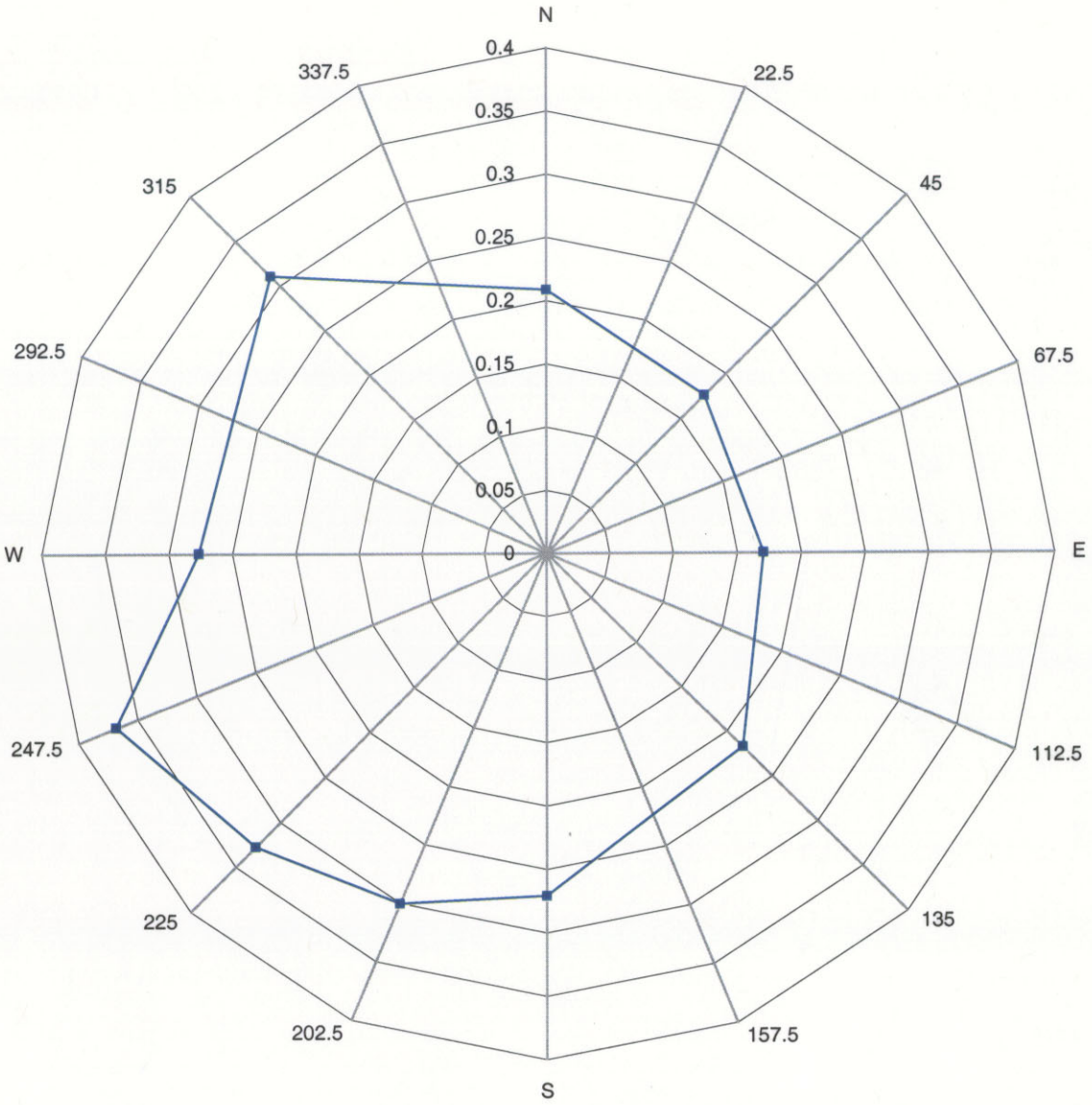
P5-UEU-5 Total Gamma (11.0 ft to 13.0 ft)



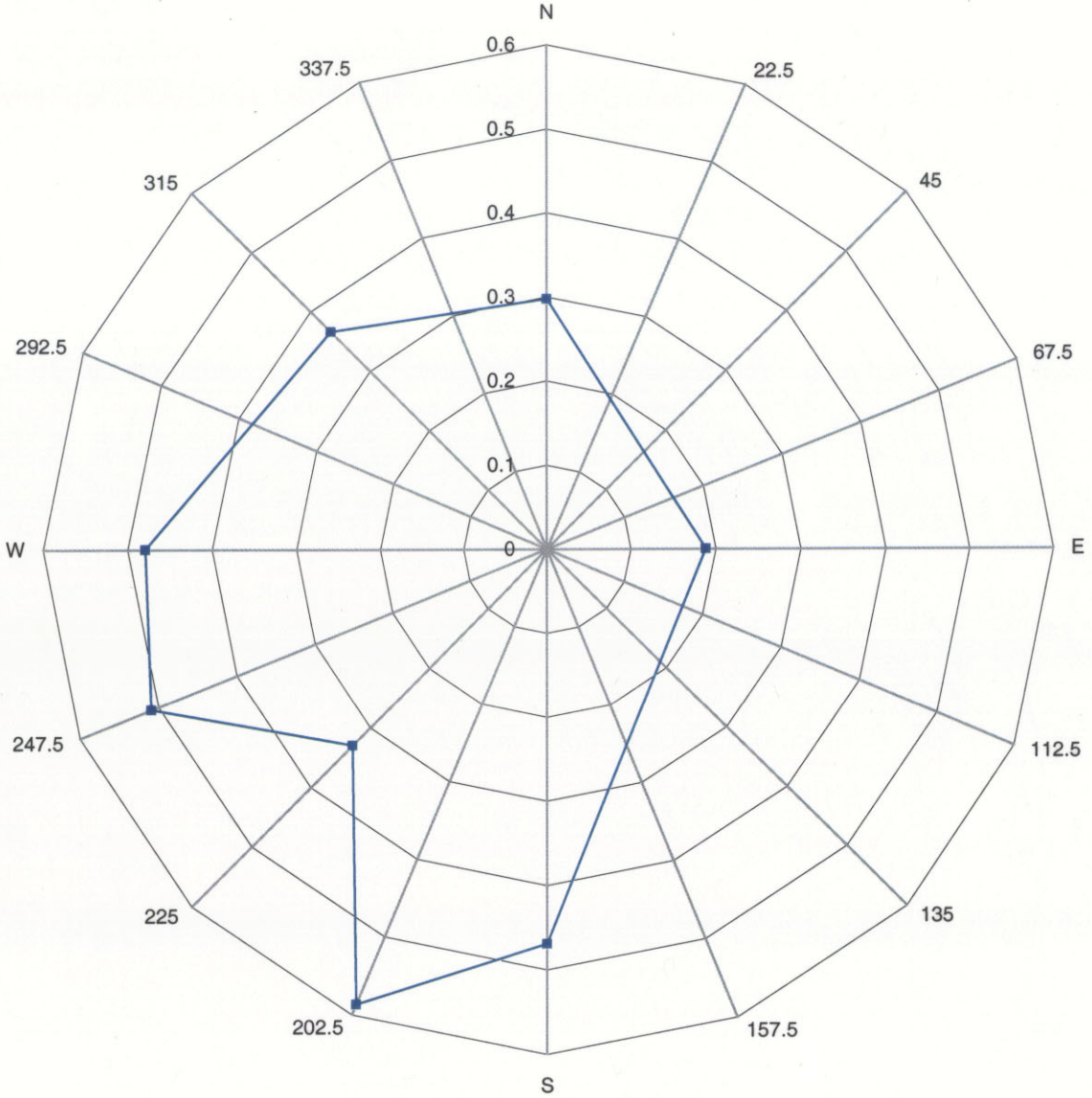
P5-UEU-5 Pu-239 (375 keV - 11.0 ft to 12.0 ft)



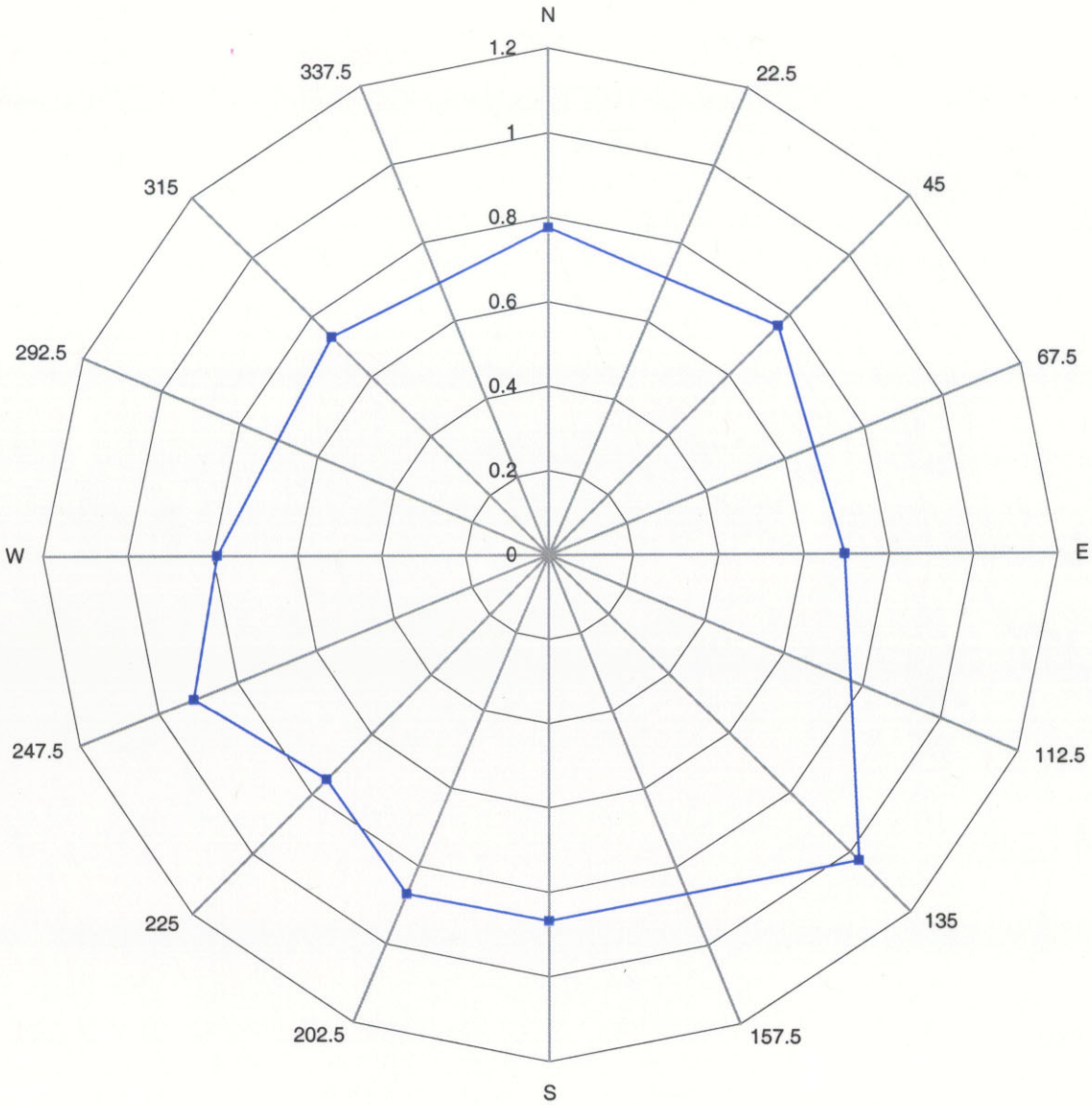
P5-UEU-5 Am-241 (662 keV - 12.0 ft)

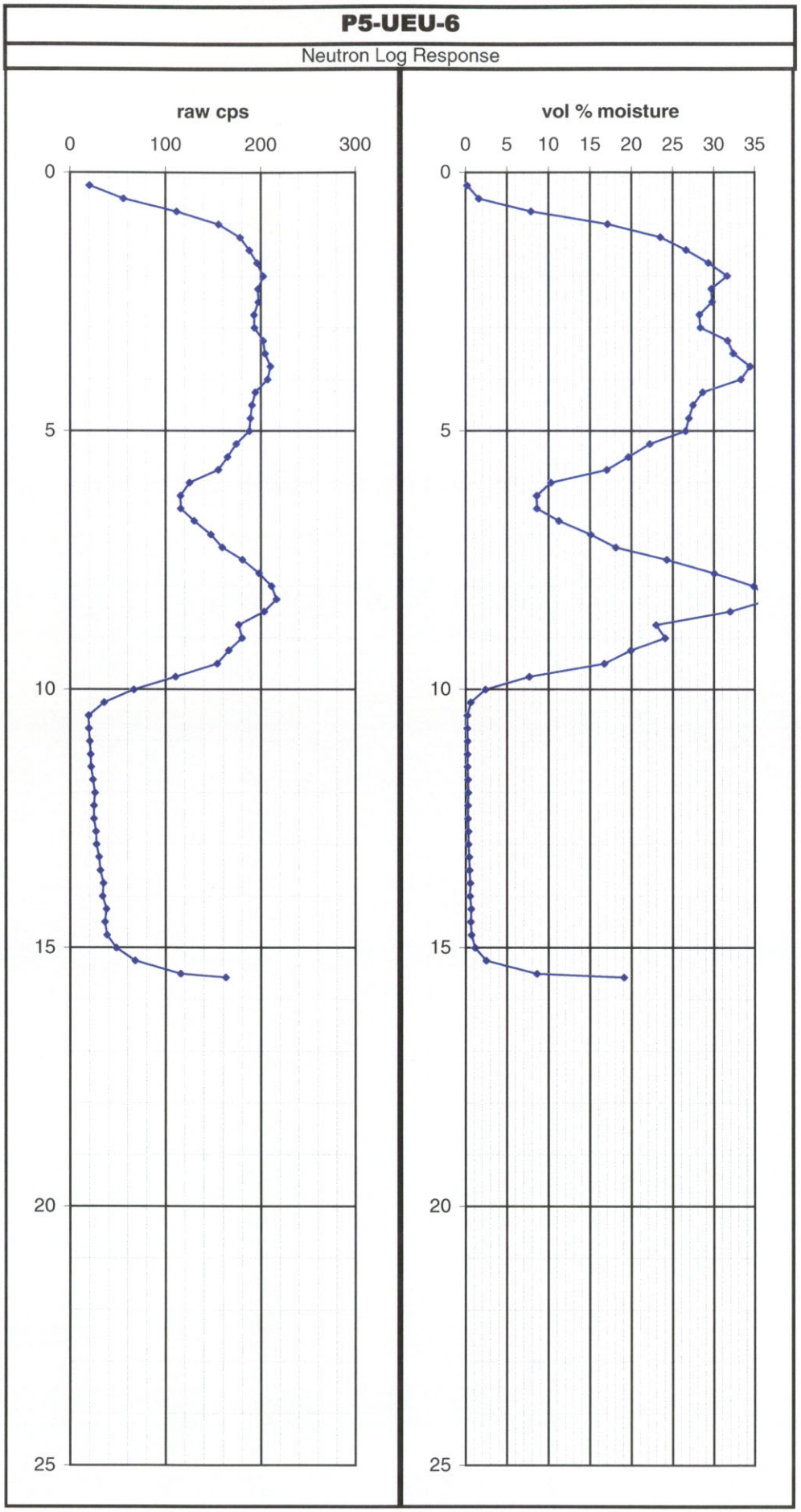


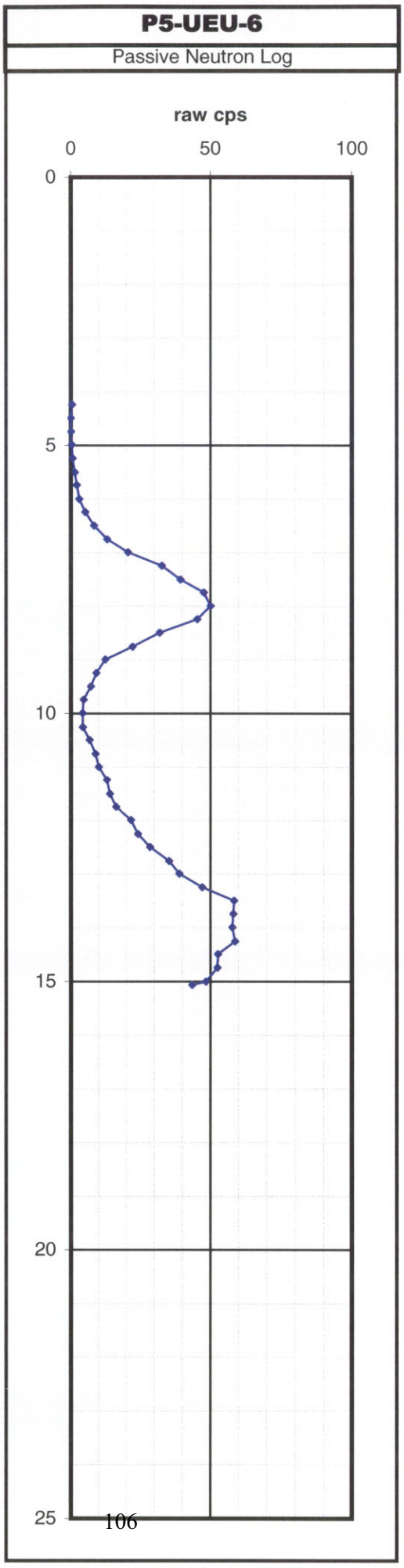
P5-UEU-5 Np-237 (312 keV - 12.0 ft)

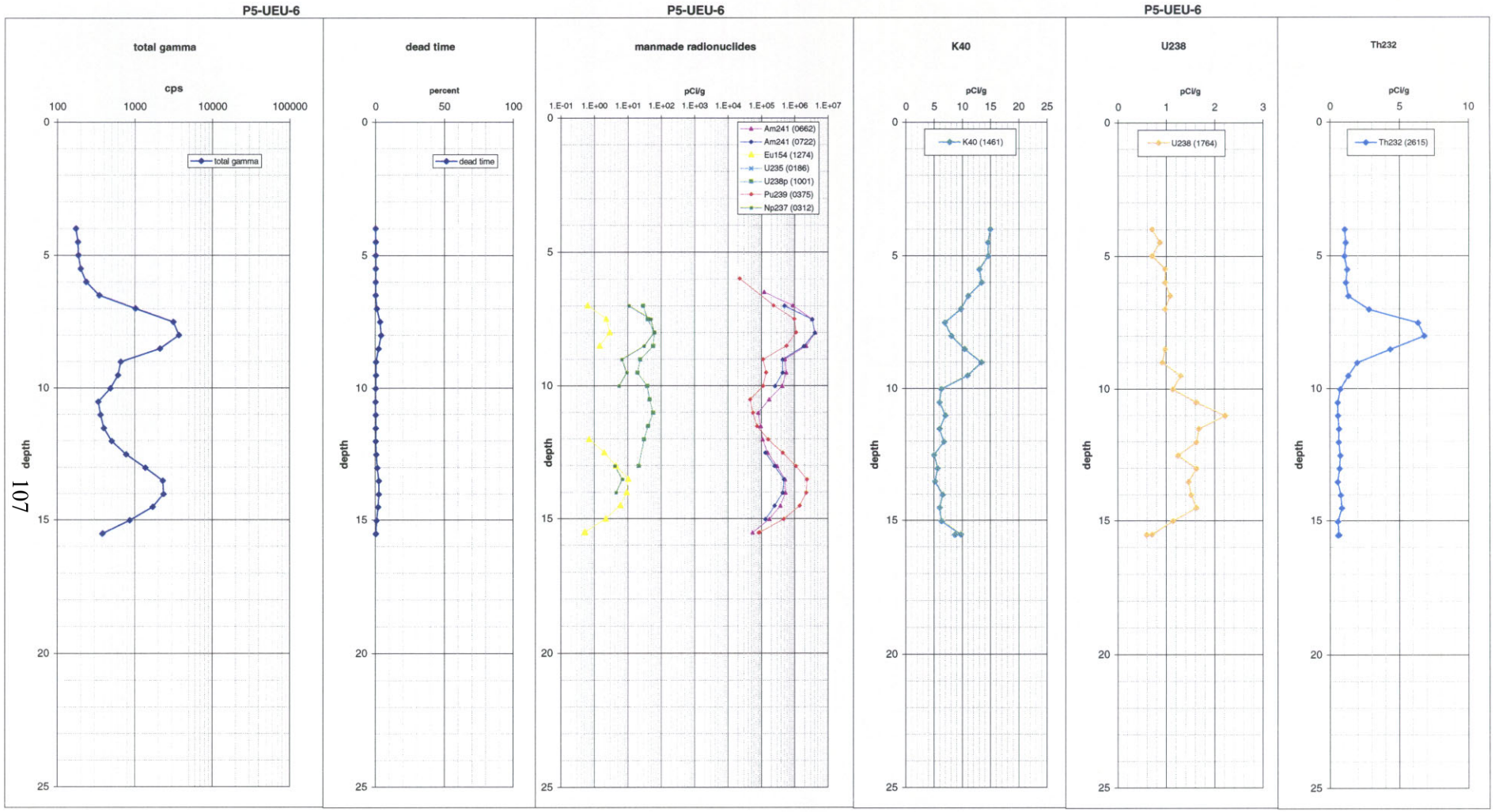


P5-UEU-5 U-238 (1001 keV - 11.0 ft to 13.0 ft)

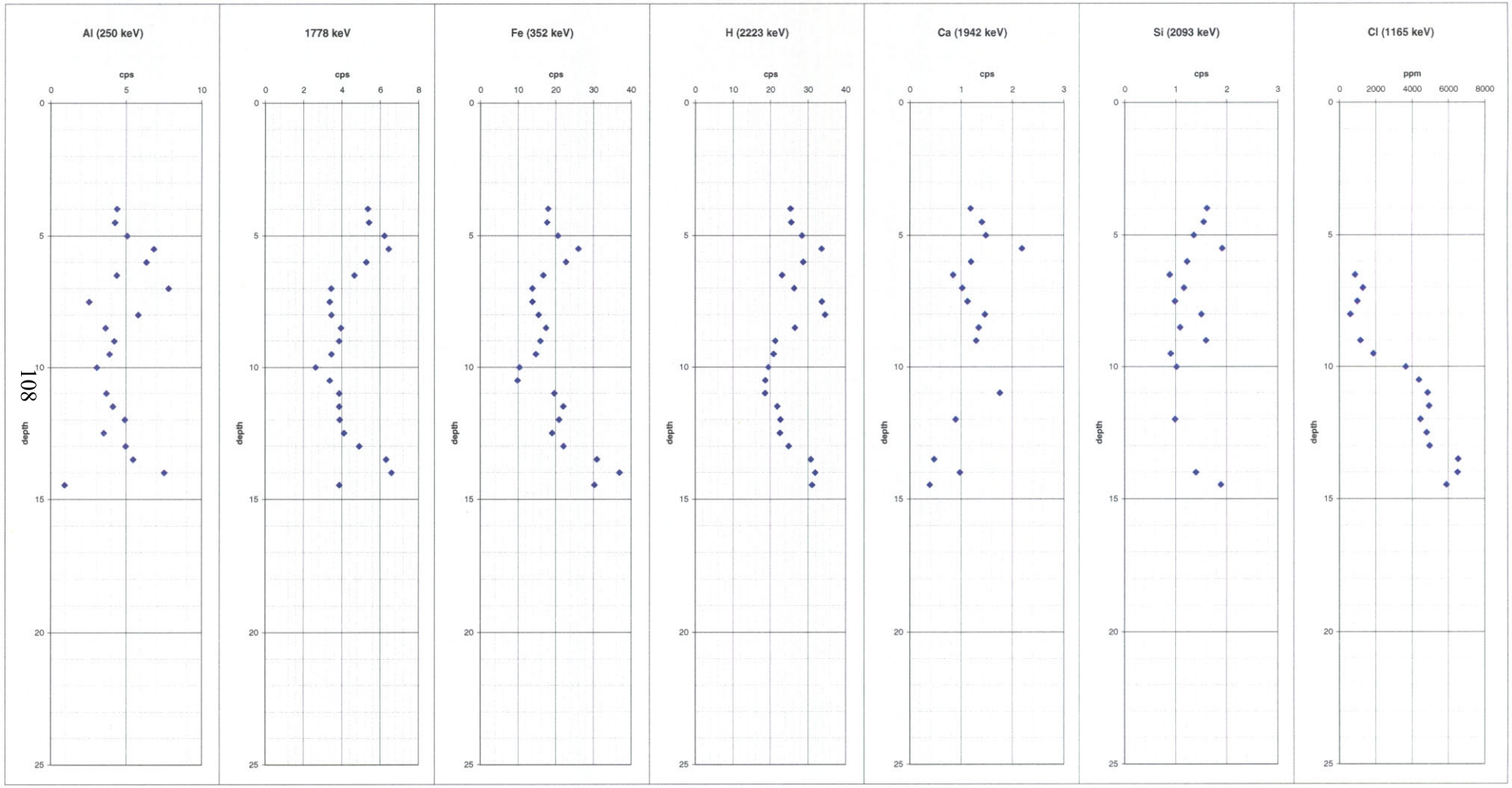


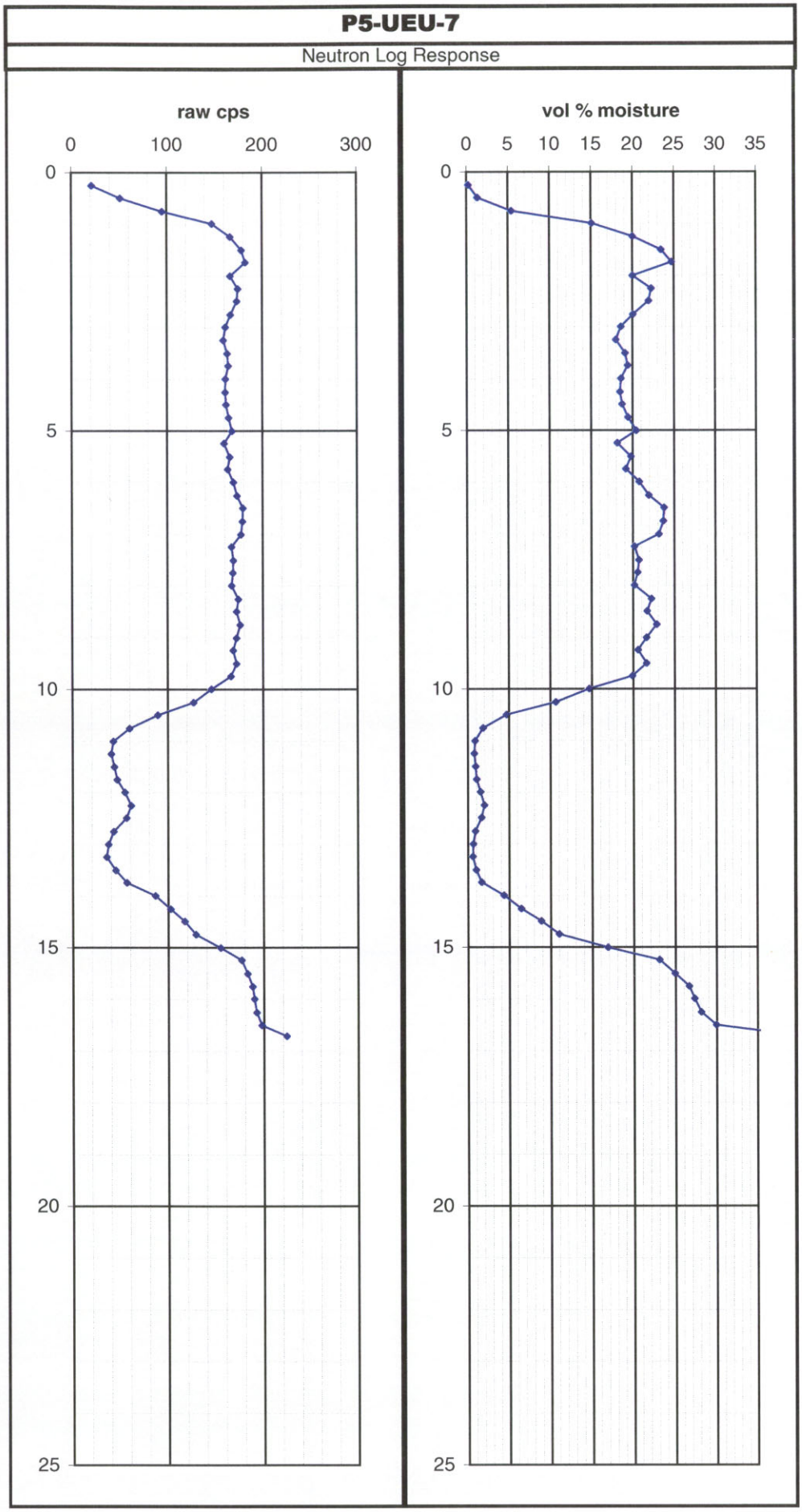

P5-UEU-6
Neutron Log Response
raw cps
0
100
200
300
vol % moisture
0
5
10
15
20
25
30
35


P5-UEU-6
Passive Neutron Log
raw cps
0
50
100
0
5
10
15
20
25


P5-UEU-6
total gamma
cps
100
1000
10000
100000
total gamma
depth
0
5
10
15
20
25
P5-UEU-6
dead time
percent
0
50
100
dead time
depth
P5-UEU-6
manmade radionuclides
pCi/g
1.E-01
1.E+00
1.E+01
1.E+02
1.E+03
1.E+04
1.E+05
1.E+06
1.E+07
Am241 (0662)
Am241 (0722)
Eu154 (1274)
U235 (0186)
U238p (1001)
Pu239 (0375)
Np237 (0312)
depth
K40
pCi/g
0
5
10
15
20
25
K40 (1461)
depth
U238
pCi/g
0
1
2
3
U238 (1764)
depth
Th232
pCi/g
0
5
10
Th232 (2615)
depth

P5-UEU-6


Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth


P5-UEU-7
Neutron Log Response
raw cps
0
100
200
300
vol % moisture
0
5
10
15
20
25
30
35
0
5
10
15
20
25