Jsou zadány hodnoty gamaspektrometrie ze 3 profilů v Barrandienu - Branžovy, Hvížďalka a Řep
Vašim úkolem je provést korelaci na základě křivek U/Th a CGR. Hodnoty U/Th se výrazně mění

Branžovy (horní etáž; měřeno do podloží)

výška na p	Tot	K (%)	U (ppm)	Th (ppm)	U/Th	CGR
0	23.2	0.4	2.3	2	1.15	14.388
0.5	20	0.3	2	1.8	1.11	11.97
1	26.9	0.5	2.8	1.9	1.47	15.627
1.5	27.8	0.4	3	2.2	1.36	15.174
2	23.7	0.3	3	1	3.00	8.826
2.5	22.4	0.4	2	2.3	0.87	15.567
3	25.3	0.4	2.5	2.3	1.09	15.567
3.5	23.1	0.4	2.5	1.7	1.47	13.209
4	27.2	0.3	3.1	2.4	1.29	14.328
4.5	27.7	0.4	3.5	1.4	2.50	12.03
5	29.4	0.3	3.6	2	1.80	12.756
5.5	37.6	0.2	4.8	3.4	1.41	16.626
6	30.7	0.4	3.5	2.5	1.40	16.353
6.5	30.6	0.3	3.8	2.1	1.81	13.149
7	41.7	0.4	5.9	1.5	3.93	12.423
7.5	34	0.3	4.7	1.7	2.76	11.577
8	30	0.3	4	1.9	2.11	12.363
8.5	32.1	0.4	3.9	2.1	1.86	14.781
9.5	31.3	0.4	3	3.6	0.83	20.676
10	26.6	0.3	2.7	2.9	0.93	16.293
10.5	30.9	0.4	2.5	4.7	0.53	24.999
11	23.1	0.2	2.5	2.7	0.93	13.875
20	18	0.2	2.5	0.9	2.78	6.801
20.5	24.8	0.1	3.8	1	3.80	5.562
21	15.7	0.1	2.1	1.3	1.62	6.741
21.5	8.8	0.1	0.8	1.1	0.73	5.955
22	13.2	0.1	1.6	1.3	1.23	6.741
22.5	12.4	0.2	1.2	1.4	0.86	8.766
23	13.8	0.1	1.7	1.1	1.55	5.955
23.5	11.9	0.2	1	1.5	0.67	9.159
24	10.4	0.2	0.8	1.4	0.57	8.766
24.5	9.5	0.1	0.8	1.2	0.67	6.348
25	7.2	0.1	0.5	1.3	0.38	6.741
25.5	12	0.1	1.4	1.2	1.17	6.348
26	9.4	0.2	0.5	1.6	0.31	9.552
26.5	9.5	0.2	0.5	1.8	0.28	10.338
27	11.1	0.2	0.5	2	0.25	11.124
27.5	6.9	0.2	0.2	1.4	0.14	8.766
28	8.5	0.2	0.3	1.5	0.20	9.159
28.5	8.4	0.2	0.4	1.4	0.29	8.766
29	7.6	0.1	0.3	1.5	0.20	7.527
29.5	6.8	0.2	0.4	1	0.40	7.194
30	5.4	0.1	0.3	0.9	0.33	5.169
30.5	6.1	0.1	0.1	1.4	0.07	7.134
31	8.2	0.1	0.4	1.6	0.25	7.92
31.5	6.6	0.1	0.2	1.6	0.13	7.92
32	7.4	0.2	0.1	1.4	0.07	8.766
32.5	10.2	0.2	0.6	1.6	0.38	9.552
33	8.1	0.2	0.1	1.6	0.06	9.552
33.5	12.4	0.3	0.8	1.8	0.44	11.97
34	10.4	0.2	0.6	1.5	0.40	9.159

výška (m)

34.5	9.4	0.2	0.3	1.8	0.17	10.338
35	10.9	0.3	0.7	1.3	0.54	10.005
35.5	14.3	0.3	0.9	2.1	0.43	13.149
36	12.4	0.3	0.7	1.4	0.50	10.398
36.5	13.6	0.3	0.9	2	0.45	12.756
37	9.9	0.3	0.2	2	0.10	12.756
37.5	13.4	0.4	0.3	2.6	0.12	16.746
38	15.7	0.5	0.6	2.4	0.25	17.592
38.5	16.6	0.5	0.5	2.8	0.18	19.164
38.75	18.9	0.5	0.7	3.1	0.23	20.343
39	18	0.6	0.3	3.3	0.09	22.761
39.25	19.6	0.5	1.1	2.4	0.46	17.592
39.5	17.5	0.4	1.2	2.3	0.52	15.567
40	17.7	0.5	0.7	3	0.23	19.95
40.5	16.5	0.4	0.6	2.7	0.22	17.139
41	15.7	0.4	0.7	2.5	0.28	16.353
41.5	16.5	0.5	0.5	2.9	0.17	19.557
42	18.2	0.5	0.7	2.9	0.24	19.557
42.5	14.4	0.4	0.6	2	0.30	14.388
43	17.2	0.5	0.5	2.8	0.18	19.164
43.5	21.4	0.6	1.1	2.8	0.39	20.796
44	21.6	0.5	0.8	3.8	0.21	23.094
44.5	18.9	0.5	0.9	3	0.30	19.95
45	19.1	0.6	0.4	3.3	0.12	22.761
45.5	20.9	0.7	0.8	2.8	0.29	22.428
46	21.1	0.6	0.7	3.5	0.20	23.547
46.5	19.7	0.6	0.9	2.8	0.32	20.796
47	18	0.5	0.9	2.4	0.38	17.592
47.5	18.1	0.5	0.5	3.1	0.16	20.343
48	16.1	0.6	0.4	2.5	0.16	19.617
48.5	15.5	0.5	0.6	2.1	0.29	16.413
49	17.7	0.5	0.5	3.1	0.16	20.343
49.5	18.1	0.5	0.6	3	0.20	19.95
50	16.5	0.5	0.5	2.7	0.19	18.771
50.5	14.4	0.4	0.2	2.9	0.07	17.925
51	14.1	0.4	0.5	2.6	0.19	16.746
51.5	12.4	0.4	0.2	2.5	0.08	16.353
52	12.2	0.5	0.2	1.9	0.11	15.627
52.5	15.5	0.4	0.6	2.5	0.24	16.353
53	17.4	0.4	0.7	3	0.23	18.318
53.5	14	0.4	0.5	2.2	0.23	15.174
54	11.7	0.4	0.6	1.4	0.43	12.03
54.5	11.7	0.4	0.4	1.8	0.22	13.602
55	13.6	0.4	0.6	1.9	0.32	13.995
55.5	12	0.3	0.5	1.8	0.28	11.97
56	14.5	0.4	0.7	1.9	0.37	13.995
56.5	12.4	0.3	0.4	2.2	0.18	13.542
57	10.9	0.3	0.5	1.4	0.36	10.398
57.5	16.2	0.4	0.9	2.3	0.39	15.567
58	19.8	0.5	0.6	3.7	0.16	22.701
58.5	21.3	0.6	0.9	3.5	0.26	23.547
59	9.4	0.3	0.4	1.3	0.31	10.005
59.5	14.8	0.4	0.7	2.4	0.29	15.96
60	16.4	0.3	1.3	2.1	0.62	13.149
60.5	14.8	0.4	0.3	2.8	0.11	17.532
61	12.8	0.5	0.2	2.1	0.10	16.413
61.5	16.7	0.5	0.6	2.6	0.23	18.378
62	16.6	0.5	0.7	2.2	0.32	16.806

62.5	17.1	0.5	0.5	3	0.17	19.95
63	23.2	0.8	0.5	3.8	0.13	27.99
63.5	20.2	0.6	0.4	3.6	0.11	23.94
64	18.4	0.5	0.4	3.5	0.11	21.915
64.5	16.5	0.5	0.3	3.1	0.10	20.343
65	13.7	0.3	0.7	2.3	0.30	13.935
65.5	15.9	0.5	0.5	2.7	0.19	18.771
66	17.8	0.5	0.8	2.6	0.31	18.378
66.5	18.4	0.5	0.7	2.9	0.24	19.557
67	18.6	0.6	0.3	3.3	0.09	22.761
67.5	21.7	0.7	0.5	3.5	0.14	25.179
68	24.4	0.7	0.8	3.8	0.21	26.358
68.5	23.6	0.8	0.7	3.6	0.19	27.204
69	31.9	1.1	0.5	5.6	0.09	39.96
71	40	1.2	0.8	7.1	0.11	47.487
71.5	30.7	0.9	0.8	5.6	0.14	36.696
72	28.9	0.8	0.9	5.1	0.18	33.099
72.5	31.5	1	0.9	5.1	0.18	36.363
73	32	1	0.3	6.2	0.05	40.686
73.5	39.6	1.1	1.1	7.2	0.15	46.248
74	36.9	1	0.8	7.1	0.11	44.223
74.5	38.7	1.1	1.1	6.8	0.16	44.676
75	31.6	0.8	0.8	6.3	0.13	37.815
75.5	29.1	0.9	0.7	5	0.14	34.338
76	29.2	0.8	0.9	5.1	0.18	33.099
76.5	29.5	0.8	0.9	5.4	0.17	34.278
77	30.5	0.9	0.6	5.7	0.11	37.089
77.5	30.2	0.8	1.2	4.8	0.25	31.92
78	27.6	0.8	0.2	6	0.03	36.636
78.5	31.5	0.9	0.8	5.6	0.14	36.696
79	39.7	1.1	0.4	8.7	0.05	52.143
81	33.1	1	0.8	6	0.13	39.9
81.25	33	0.9	0.9	5.9	0.15	37.875
81.5	30.2	0.8	1.1	5.1	0.22	33.099
81.75	32.7	0.9	0.6	6.2	0.10	39.054
82	34.9	1	0.7	6.7	0.10	42.651
82.25	33.1	1	1.1	5.4	0.20	37.542
82.5	29.1	0.9	0.7	5.1	0.14	34.731
82.75	32.2	1	0.7	5.6	0.13	38.328
83	35.2	1	1.1	6	0.18	39.9
83.25	30.5	0.9	0.6	5.5	0.11	36.303
83.5	38.4	1	1.3	6.7	0.19	42.651
83.75	36.4	1.1	0.7	6.5	0.11	43.497
84	43.2	1.1	1	8.6	0.12	51.75
84.25	40.6	1.1	1.4	6.6	0.21	43.89
84.5	45	1.2	1	8.7	0.11	53.775
84.75	43.8	1.2	1.3	7.8	0.17	50.238
85	44.4	1.1	1.1	9.8	0.11	56.466
85.25	31.1	1.1	1.1	4.2	0.26	34.458
85.5	26.9	0.9	0.5	4.7	0.11	33.159
85.75	27.3	1.1	0.3	4.3	0.07	34.851
86	30.4	1	0.3	5.9	0.05	39.507
86.25	31.8	1.1	0.8	5	0.16	37.602
86.5	27.7	0.9	0.6	4.6	0.13	32.766
86.75	26.9	0.9	1.1	3.6	0.31	28.836
87	32.9	1	1.2	4.9	0.24	35.577
87.25	34.9	0.9	0.9	6.6	0.14	40.626
87.5	37.7	1	1.1	6.7	0.16	42.651

87.75	37	0.9	2	5.2	0.38	35.124
88	36.8	0.9	2.1	5	0.42	34.338
88.25	65.2	1.2	4.9	8.6	0.57	53.382
88.5	49.1	1.1	3.3	6.2	0.53	42.318
88.75	42.4	1.2	0.7	8.3	0.08	52.203
89	42.6	1	1.5	7.7	0.19	46.581
89.25	23.9	0.7	0.4	4.5	0.09	29.109
89.5	23	0.7	0.4	4	0.10	27.144
89.75	22.4	0.7	0.5	3	0.17	23.214
90	24.5	0.6	0.9	4.3	0.21	26.691
90.5	23.7	0.6	0.9	4.1	0.22	25.905
91	18	0.5	0.7	2.7	0.26	18.771
91.5	19.7	0.5	1.1	2.6	0.42	18.378
92	19	0.4	0.9	3.2	0.28	19.104
93	29.9	0.7	2	3.5	0.57	25.179
93.5	23.7	0.5	1.7	2.8	0.61	19.164
94	21.6	0.5	1.6	2.4	0.67	17.592
94.5	20.3	0.4	1.8	2.1	0.86	14.781
95	18.9	0.5	1.3	2.1	0.62	16.413
95.5	23	0.6	1.4	3	0.47	21.582
96	22.5	0.5	1.4	2.9	0.48	19.557
96.5	22.8	0.6	1.2	3	0.40	21.582
97	23.7	0.6	1.9	2.3	0.83	18.831
97.5	24.3	0.6	1.6	2.9	0.55	21.189
98	24.6	0.5	1.5	3.7	0.41	22.701
98.5	23.3	0.5	1.7	2.8	0.61	19.164
99	24.5	0.6	1.6	3.1	0.52	21.975
99.5	23.9	0.5	2.1	2	1.05	16.02
100	24.5	0.6	1.6	2.9	0.55	21.189
100.5	20.5	0.5	1.3	2.6	0.50	18.378
101	15.4	0.4	1	1.7	0.59	13.209
101.5	26.1	0.8	1.8	2.5	0.72	22.881
101.75	38.1	1.4	1.9	3.7	0.51	37.389
102	39.9	1.3	1.9	4.5	0.42	38.901
102.25	35.7	1.1	2.1	3.7	0.57	32.493
102.5	24.6	0.7	1.6	2.4	0.67	20.856
102.75	22.7	0.9	1.1	2	0.55	22.548
103	30.9	1	1.3	4.4	0.30	33.612
103.25	30.9	1	1.7	3.3	0.52	29.289
103.5	21.4	0.5	1.8	1.7	1.06	14.841
103.75	21.6	0.6	1.2	2.6	0.46	20.01
104	21.8	0.7	1.1	2.6	0.42	21.642
104.25	24.8	0.7	1.5	3.1	0.48	23.607
104.5	25	0.7	1.2	3.3	0.36	24.393
104.75	28.8	0.8	1.6	3.4	0.47	26.418
105	27.5	0.9	1.4	3.2	0.44	27.264
105.25	25.5	0.8	1.3	3.2	0.41	25.632
105.5	22.7	0.7	1	3.2	0.31	24
105.75	26.2	0.7	1.4	3.7	0.38	25.965
106	23.3	0.7	1.4	2.6	0.54	21.642
106.25	25.7	0.7	1.3	3.6	0.36	25.572
106.5	24.3	0.7	1.4	2.6	0.54	21.642
106.75	24.5	0.6	1.6	2.8	0.57	20.796
107	22.4	0.6	1.4	2.4	0.58	19.224
107.25	24.9	0.7	1.3	3.3	0.39	24.393
107.5	21.9	0.6	1.1	2.7	0.41	20.403
107.75	20.4	0.5	1.6	2.2	0.73	16.806
108	19.3	0.6	1.1	2.2	0.50	18.438

108.25	15.8	0.4	0.7	2.4	0.29	15.96
108.5	19.1	0.5	0.9	2.7	0.33	18.771
108.75	20.4	0.5	1	3.3	0.30	21.129
109	28.8	0.8	1.4	4.2	0.33	29.562

poryje, v rozsahu lochkovské (stupeň lochkov, devon), pražské (stupeň prag až nejspodnější em
na hranicích souvrství, hodnoty CGR slouží jako pomocná korelace

vykreslete křivku computed gamma-ray (CGR) a křivku U/Th
CGR = 16,32*K(%) + 3,93*Th(ppm)

Branžovy
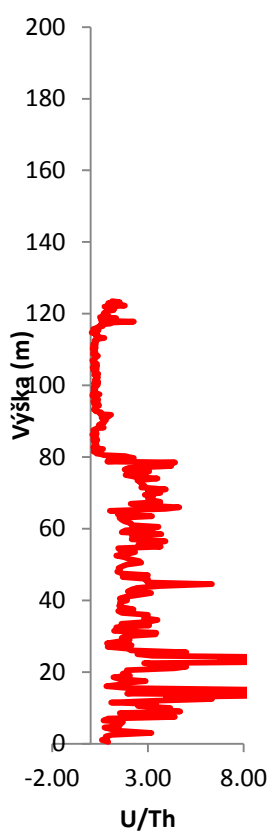
Branžovy

Hvížďalka
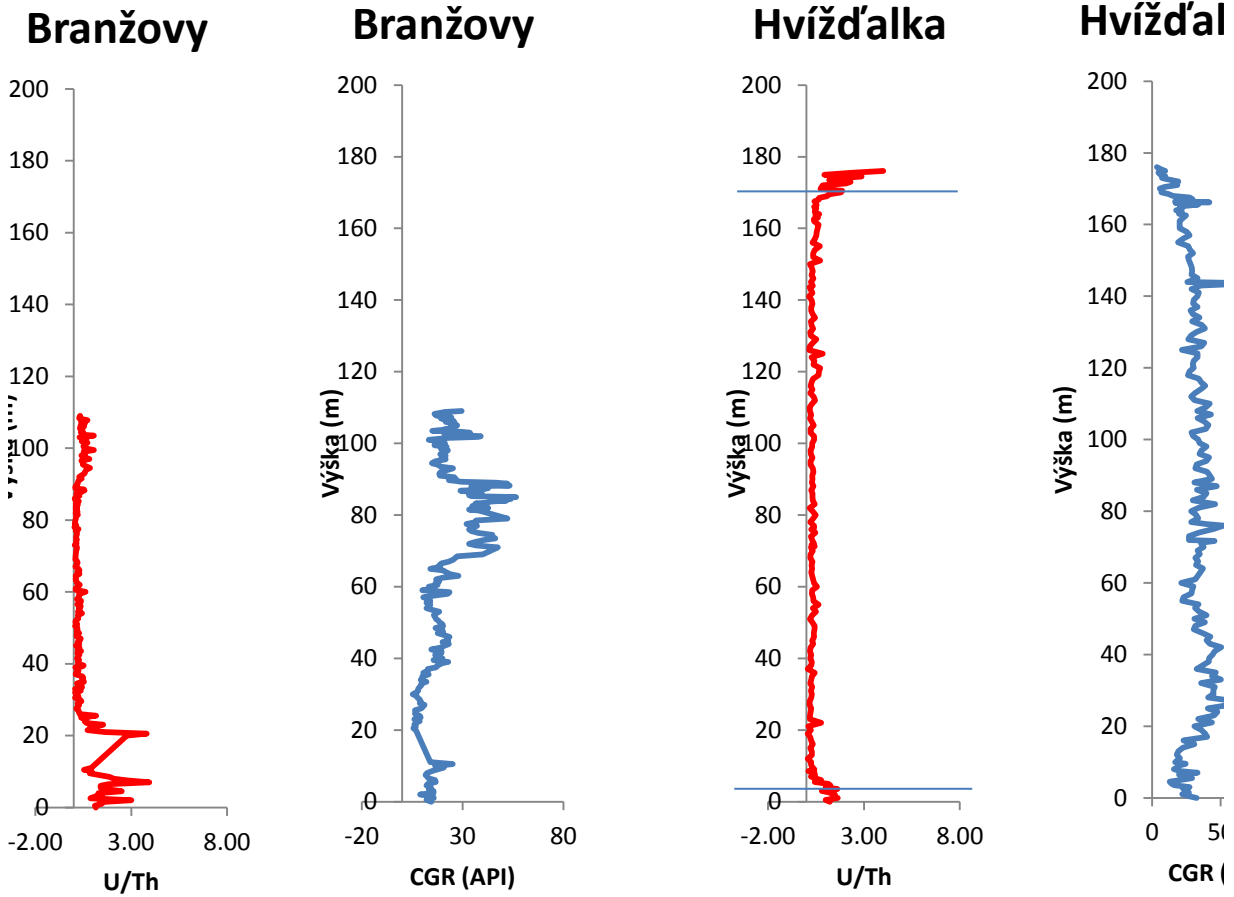
Hvížďal

s, devon) a zlíchovské (stupeň spodní ems, devon) souvrství

ka	Řeporyje	Řeporyje

200
180
160
140
120
100
80
60
40
20
0

Výška (m)

-2.00   3.00   8.00
U/Th

200
180
160
140
120
100
80
60
40
20
0

Výška (m)

-20   30   80
CGR (API)

0   100
(API)

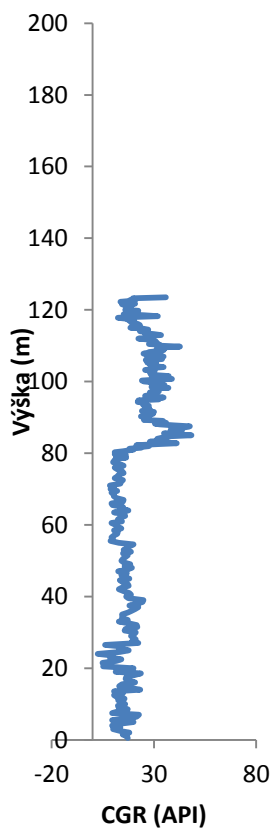**Na Hvížďalce (měřeno do nadloží)**   lochkovské + pražské + zlíchovské souvrství

výška na profilu (m)	TOT	K (%)	U (ppm)	Th (ppm)	U/Th	CGR
0	51.1	1	5	4.1	1.22	32.433
0.5	37.1	0.8	3.4	3.4	1.00	26.418
1	40.6	0.7	4.4	2.7	1.63	22.035
1.5	43.4	0.9	4.3	3.1	1.39	26.871
2	43.8	0.8	4.6	3.1	1.48	25.239
2.6	34	0.7	3.2	2.8	1.14	22.428
3	35.3	0.8	2.9	3.6	0.81	27.204
3.5	26	0.6	2.6	1.6	1.63	16.08
4	20.6	0.4	1.9	1.9	1.00	13.995
4.5	20.3	0.4	2	1.6	1.25	12.816
5	32.3	0.6	3.1	2.7	1.15	20.403
5.5	30.8	0.8	1.8	4.1	0.44	29.169
6	36.1	0.8	2.9	3.8	0.76	27.99
6.5	21	0.6	1.2	2.5	0.48	19.617
7	30.9	0.7	1.3	5.5	0.24	33.039
7.5	22.9	0.5	1.4	3.1	0.45	20.343
8	17.7	0.4	1	2.4	0.42	15.96
8.5	15.6	0.4	0.3	3.1	0.10	18.711
9	20.6	0.5	1.2	2.9	0.41	19.557
9.5	23.1	0.7	1.1	3.3	0.33	24.393
10	15.7	0.4	0.7	2.6	0.27	16.746
10.5	17.5	0.4	0.7	3	0.23	18.318
11	18.9	0.6	0.7	2.7	0.26	20.403
12	14.5	0.4	0.2	2.9	0.07	17.925
13	19.1	0.5	0.8	2.8	0.29	19.164
14	20.9	0.7	0.8	2.8	0.29	22.428
15	27.8	0.9	0.8	4.1	0.20	30.801
16	23	0.7	1	2.9	0.34	22.821
17	36.9	1.3	1.2	4.8	0.25	40.08
18	34.9	1.1	1.1	5.2	0.21	38.388
19	27.8	1.1	0.3	4.5	0.07	35.637
20	28.4	0.8	1.1	4.5	0.24	30.741
21	35.2	1.2	0.6	6.1	0.10	43.557
22	43.3	1	3.4	4.4	0.77	33.612
23	39	1.4	1.1	5.7	0.19	45.249
24	42.3	1.4	1.2	6.3	0.19	47.607
25	35.5	1.3	1.1	4.9	0.22	40.473
26	53.2	1.9	1.8	6.9	0.26	58.125
27	52	1.7	1.4	8	0.18	59.184
28	34.7	1.2	0.9	5.4	0.17	40.806
29	41	1.4	1.4	5.6	0.25	44.856
30	40.9	1.5	1.5	5.1	0.29	44.523
31	42	1.5	1.3	5.4	0.24	45.702
32	34.2	1.1	1.4	4.5	0.31	35.637
33	44.1	1.5	1.3	6.5	0.20	50.025
34	40.2	1.3	1.4	5.7	0.25	43.617
35	43.6	1.4	1.7	6	0.28	46.428
36	33.6	1	1.8	4.1	0.44	32.433
37	29.3	0.9	0.4	5.7	0.07	37.089
38	37.7	1.4	1.2	4.7	0.26	41.319
39	40.1	1.2	1.6	5.6	0.29	41.592
40	39.4	1.4	1.1	5.4	0.20	44.07
41	41.5	1.4	1.5	5.8	0.26	45.642
42	43.6	1.5	1.2	6.6	0.18	50.418
43	37.6	1.2	1.3	5.7	0.23	41.985

44	39.3	1.2	1.8	5.1	0.35	39.627
45	40.6	1.3	1.6	5.4	0.30	42.438
46	36.9	1.2	1.8	4.4	0.41	36.876
47	30.8	0.8	1.7	4.4	0.39	30.348
48	32.7	0.9	1.8	4.3	0.42	31.587
49	40.3	1.2	2.1	4.8	0.44	38.448
50	29.2	1	1.2	3.7	0.32	30.861
51	34.3	1.1	1	5.5	0.18	39.567
52	33.4	0.9	1.5	4.9	0.31	33.945
53	34.9	0.9	2.1	4.2	0.50	31.194
54	35.1	0.8	1.8	5.3	0.34	33.885
55	25.2	0.7	1.7	2.7	0.63	22.035
56	22.6	0.6	1.2	3.3	0.36	22.761
57	28.5	0.8	1.4	4	0.35	28.776
58	28.3	0.8	1.2	4.1	0.29	29.169
59	28.7	0.9	1.2	3.9	0.31	30.015
60	24.1	0.7	1.4	2.5	0.56	21.249
61	32	0.9	1.7	4.3	0.40	31.587
64	34.7	1	1.3	5.3	0.25	37.149
65	31.3	0.9	1.3	4.4	0.30	31.98
66	31.4	1	1.2	4.4	0.27	33.612
67	31.3	0.9	1.4	4.3	0.33	31.587
68	31.4	0.9	1	5.1	0.20	34.731
69	30.3	0.9	1	4.7	0.21	33.159
70	36.8	1.1	1.7	5	0.34	37.602
71	32	1	1.2	4.9	0.24	35.577
71.2	39	1.1	2.1	4.8	0.44	36.816
71.65	42.6	1.2	1.8	6.6	0.27	45.522
72	29.2	0.7	1.6	3.9	0.41	26.751
73	25.9	0.7	1.2	3.9	0.31	26.751
74	31.5	0.9	1.2	4.9	0.24	33.945
75.05	47.2	1.5	2.5	5.3	0.47	45.309
76	47.6	1.6	1.7	6.6	0.26	52.05
76.4	40.2	1.2	2	5	0.40	39.234
77	29.2	0.9	1.4	3.5	0.40	28.443
78	29.7	1	0.9	4.4	0.20	33.612
79	31.5	1	1.4	4	0.35	32.04
80	31	0.8	1.9	3.9	0.49	28.383
81	33.8	1	1.5	4.5	0.33	34.005
82	39.6	1.2	1.1	6.7	0.16	45.915
83	32.2	0.8	1.8	4.2	0.43	29.562
84	37.4	1.1	1.7	5	0.34	37.602
85	39.6	1.1	1.8	5.5	0.33	39.567
86	32.7	0.8	1.6	5	0.32	32.706
87	43.2	1.4	1.6	6.2	0.26	47.214
88	31.4	0.8	1.7	4.5	0.38	30.741
89	41.5	1.3	1.6	5.7	0.28	43.617
90	41.3	1.2	1.8	5.7	0.32	41.985
91	38.8	1.2	1.6	5.2	0.31	40.02
92	31.9	0.9	1.6	4.3	0.37	31.587
93	32.1	1	1.4	4.1	0.34	32.433
94	36	1.2	1.1	5.1	0.22	39.627
95	38.2	1	1.4	6.4	0.22	41.472
96	33	1	1.5	4.6	0.33	34.398
97	33.5	1	1.2	5	0.24	35.97
98	36.3	1.1	1.2	5.5	0.22	39.567
99	32.8	1	1.4	4.6	0.30	34.398
100	31.7	1	1.3	4.4	0.30	33.612

101	31.6	0.8	1.7	4.3	0.40	29.955
102	30.1	0.8	1.6	4	0.40	28.776
103	35.3	1.1	1.2	5.4	0.22	39.174
104	36.6	1.1	1.3	5.9	0.22	41.139
105	38.1	1.2	1.8	4.7	0.38	38.055
106	31.6	1	1.2	4.3	0.28	33.219
107	37	1.3	1	5.5	0.18	42.831
108	30.9	0.9	1.2	4.6	0.26	32.766
109	34	1.2	0.9	5	0.18	39.234
110	36.1	1.2	1	5.7	0.18	41.985
111	29.4	0.9	1.2	4.1	0.29	30.801
112	30.4	0.9	1.6	3.5	0.46	28.443
113	31.8	0.9	1.6	4.2	0.38	31.194
114	32.5	0.9	1.1	5.3	0.21	35.517
115	38.1	1.1	1.7	5.3	0.32	38.781
116	31.9	1	1.1	4.9	0.22	35.577
117	31.7	0.9	1.3	4.9	0.27	33.945
118	25.5	0.8	1.1	3.3	0.33	26.025
119	32.6	0.8	2.3	3.6	0.64	27.204
120	36.4	0.9	2.6	4	0.65	30.408
121	38.1	0.8	3	4.2	0.71	29.562
122	31.7	0.8	1.6	4.4	0.36	30.348
123	34	1	1.8	4.3	0.42	33.219
124	32.3	0.8	1.4	5.1	0.27	33.099
125	28.5	0.7	2.2	2.6	0.85	21.642
126	31.1	0.9	0.8	5.4	0.15	35.91
127	32.6	1	0.9	5.5	0.16	37.935
128	26.1	0.7	1.2	3.8	0.32	26.358
129	30.7	0.9	1.8	3.5	0.51	28.443
130	30.3	0.9	1.1	4.5	0.24	32.373
131	33.7	1.1	1.1	5.2	0.21	38.388
132	35.7	1.1	1.6	4.6	0.35	36.03
133	26.6	0.9	1	3.7	0.27	29.229
134	30.9	1	1.1	4.6	0.24	34.398
135	31.5	0.9	1.7	3.8	0.45	29.622
136	28.8	0.8	1.3	3.8	0.34	27.99
137	30.8	1	1.1	4.3	0.26	33.219
138	27.8	0.8	1.1	4.3	0.26	29.955
139	29.4	0.9	1.3	4	0.33	30.408
140	31.9	0.9	1.3	4.7	0.28	33.159
141	28.5	0.9	0.7	4.9	0.14	33.945
142	28.8	0.8	1.3	4	0.33	28.776
143	33.1	0.9	1.2	5.3	0.23	35.517
143.6	62.4	2.1	1.6	9.8	0.16	72.786
144	25.1	0.7	1.2	3.6	0.33	25.572
145	30.2	0.9	1.1	4.7	0.23	33.159
146	29	0.8	1.5	4	0.38	28.776
147	27	0.8	1.1	4.1	0.27	29.169
148	24.5	0.9	1.2	3.6	0.33	28.836
149	27.3	0.8	1.1	3.8	0.29	27.99
150	23.7	0.7	0.7	3.9	0.18	26.751
151	32.1	0.8	2.4	3.3	0.73	26.025
152	29.8	0.8	1.5	4.3	0.35	29.955
153	27	0.8	1.3	3.7	0.35	27.597
154	27.5	0.8	1.5	3.4	0.44	26.418
155	23.2	0.6	1.6	2.3	0.70	18.831
156	21.4	0.6	1	3.2	0.31	22.368
157	28.7	0.8	1.6	3.6	0.44	27.204

158	28.3	0.7	1.8	3.5	0.51	25.179
159	22.2	0.6	1.4	2.6	0.54	20.01
161	22.6	0.7	1.4	2.2	0.64	20.07
162	24.5	0.6	1.4	3.4	0.41	23.154
162.5	24.9	0.7	1.3	3.4	0.38	24.786
163	22.9	0.6	1.5	2.5	0.60	19.617
163.5	23.6	0.6	1.4	3	0.47	21.582
164	21.6	0.5	1.6	2.4	0.67	17.592
164.5	24.2	0.5	1.5	3.5	0.43	21.915
165	22.6	0.5	1.4	3.1	0.45	20.343
165.6	37	1.1	2.1	4	0.53	33.672
166	18.8	0.4	1.1	2.7	0.41	17.139
166.2	43.6	1.4	2.3	4.8	0.48	41.712
166.5	20.1	0.4	1.4	2.6	0.54	16.746
167	33	0.9	1.9	3.8	0.50	29.622
167.5	29.9	0.7	1.7	4.1	0.41	27.537
168	18.7	0.4	1.4	2.2	0.64	15.174
168.5	15.8	0.3	1.2	1.8	0.67	11.97
169	12.1	0.1	1.4	1.3	1.08	6.741
169.5	12.8	0.2	1.3	1.1	1.18	7.587
170	13.7	0.1	1.8	1	1.80	5.562
170.5	22.2	0.2	2.8	1.5	1.87	9.159
171	23.8	0.5	1.9	2.6	0.73	18.378
171.5	20.8	0.4	1.8	2.3	0.78	15.567
172	27.5	0.5	2.4	2.8	0.86	19.164
172.5	26.5	0.4	3.1	1.5	2.07	12.423
173	17.7	0.2	2.3	1	2.30	7.194
173.5	16.7	0.2	1.9	1.6	1.19	9.552
174	15.6	0.1	2	1.1	1.82	5.955
174.5	16	0.1	2.3	0.8	2.88	4.776
175	14.9	0.2	1.5	1.6	0.94	9.552
175.5	12.8	0.2	1.6	0.7	2.29	6.015
176	21.9	0	3.6	0.9	4.00	3.537
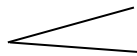
vykreslete křivku computed gamma-ray (CGR) a křivku U/Th
CGR = 16,32*K(%) + 3,93*Th(ppm)

Hvížďalka

Výška (m)

U/Th

Hvížďa

Výška (m)

CGR
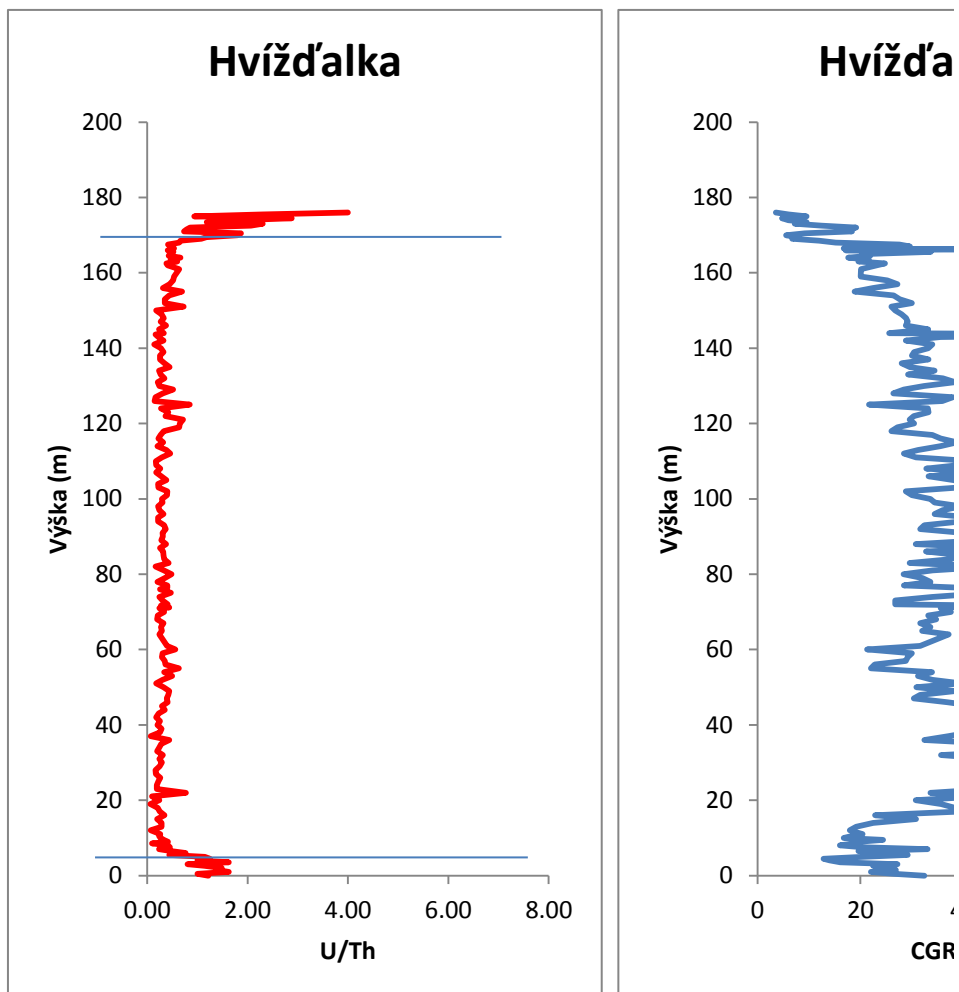
zlom

radiální zlom

zasuceno 3 m

69,8 m - 3 cm tmavě šedé až černé břidlice

3 cm černé břidlice
3 cm černé břidlice

hranice černého slinitého vápence (4 cm) a vápence; totéž je na 75,75 m

černý slínovec (4 cm)
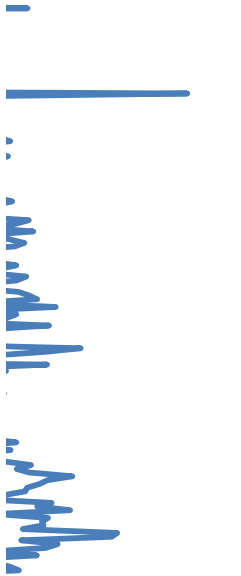
hranice slínovců/vápenců

zasuceno 1 m

břidlice

břidlice

břidlice

lka

40   60   80

R (API)

Řeporyje, profil Požáry 3, lochkovské + pražské + zlíchovské souvrství

výška na profilu (m)	TOT	K (%)	U (ppm)	Th (ppm)	U/Th	CGR
0.5	5.1	0.4	2.5	2.7	0.93	17.139
1.0	4.1	0.2	2.0	3.4	0.59	16.626
1.5	3.8	0.3	2.2	2.5	0.88	14.721
2.0	4.6	0.4	2.3	2.9	0.79	17.925
2.5	4.1	0.4	2.0	1.8	1.11	13.602
3.0	6.1	0.2	5.4	1.7	3.18	9.945
3.5	5.5	0.3	3.6	2.2	1.64	13.542
4.0	2.4	0.2	1.8	1.6	1.13	9.552
4.5	3.0	0.3	1.6	2.2	0.73	13.542
5.0	7.3	0.6	3.9	2.6	1.50	20.01
5.5	4.5	0.1	3.1	2.0	1.55	9.492
6.0	6.9	0.5	4.4	2.6	1.69	18.378
6.5	6.0	0.6	2.0	3.0	0.67	21.582
7.0	6.7	0.5	3.4	3.7	0.92	22.701
7.5	9.4	0.1	8.8	2.0	4.40	9.492
8.0	9.0	0.3	5.9	2.0	2.95	12.756
8.5	6.7	0.5	3.5	2.3	1.52	17.199
9.0	9.1	0.4	7.5	1.6	4.69	12.816
9.5	7.9	0.3	6.6	1.9	3.47	12.363
10.0	11.7	0.4	10.0	2.4	4.17	15.96
10.5	6.4	0.4	4.7	1.9	2.47	13.995
11.0	5.0	0.6	2.4	0.7	3.43	12.543
11.5	3.5	0.6	1.6	1.5	1.07	15.687
12.0	5.2	0.5	3.2	0.9	3.56	11.697
12.5	5.6	0.5	3.8	0.6	6.33	10.518
13.0	7.6	0.6	5.1	1.3	3.92	14.901
13.5	8.0	0.5	6.3	0.6	10.50	10.518
14.0	8.3	0.9	4.2	2.2	1.91	23.334
14.5	6.9	0.8	4.0	1.3	3.08	18.165
15.0	6.3	0.7	4.0	0.4	10.00	12.996
15.5	5.7	0.4	4.0	2.0	2.00	14.388
16.0	5.6	0.6	2.3	2.8	0.82	20.796
16.5	6.1	0.5	3.5	2.3	1.52	17.199
17.0	6.6	0.6	3.1	1.6	1.94	16.08
17.5	7.5	0.6	4.9	1.7	2.88	16.473
18.0	7.6	0.7	3.4	2.2	1.55	20.07
18.5	7.0	0.8	3.2	2.7	1.19	23.667
19.0	4.4	0.3	3.3	1.6	2.06	11.184
19.5	6.6	0.4	4.0	2.4	1.67	15.96
20.0	7.2	0.7	4.3	2.2	1.95	20.07
20.5	1.1	0.1	1.7	0.9	1.89	5.169
21.0	3.3	0.3	3.5	0.8	4.38	8.04
21.5	0.7	0.2	2.0	0.4	5.00	4.836
22.0	6.9	0.4	4.7	1.3	3.62	11.637
22.5	5.7	0.5	4.2	1.5	2.80	14.055
23.0	7.6	0.4	6.7	0.5	13.40	8.493
23.5	7.4	0.4	5.4	0.8	6.75	9.672
24.0	1.4	0.1	2.5	0.2	12.50	2.418
24.5	6.6	0.5	4.2	1.3	3.23	13.269
25.0	7.6	0.7	3.9	1.6	2.44	17.712
25.5	6.3	0.6	4.0	0.8	5.00	12.936
26.0	6.2	0.4	4.2	2.0	2.10	14.388
26.5	1.4	0.2	1.4	0.7	2.00	6.015

27.0	6.8	0.5	3.2	3.6	0.89	22.308
27.5	7.3	0.7	4.3	2.0	2.15	19.284
28.0	6.4	0.6	2.5	2.9	0.86	21.189
28.5	7.0	0.6	3.9	2.6	1.50	20.01
29.0	7.2	0.6	4.7	2.3	2.04	18.831
29.5	7.5	0.6	4.4	2.7	1.63	20.403
30.0	7.9	0.6	5.2	2.9	1.79	21.189
30.5	7.8	0.6	5.1	1.5	3.40	15.687
31.0	7.6	0.6	5.5	1.6	3.44	16.08
31.5	6.8	0.6	3.8	3.1	1.23	21.975
32.0	8.2	0.6	4.3	3.0	1.43	21.582
32.5	7.8	0.4	3.9	2.9	1.34	17.925
33.0	6.7	0.4	4.9	1.6	3.06	12.816
33.5	6.9	0.5	3.7	2.3	1.61	17.199
34.0	7.2	0.5	4.8	1.6	3.00	14.448
34.5	6.9	0.6	4.2	1.2	3.50	14.508
35.0	7.5	0.4	5.6	2.0	2.80	14.388
35.5	9.2	0.5	6.7	2.3	2.91	17.199
36.0	8.1	0.7	5.7	1.9	3.00	18.891
36.5	8.1	0.6	4.6	2.8	1.64	20.796
37.0	7.6	0.6	4.6	3.2	1.44	22.368
37.5	7.6	0.5	5.6	2.5	2.24	17.985
38.0	8.6	0.6	5.3	3.1	1.71	21.975
38.5	8.1	0.7	4.9	3.3	1.48	24.393
39.0	8.6	0.8	4.7	3.0	1.57	24.846
39.5	6.5	0.5	3.7	2.4	1.54	17.592
40.0	5.9	0.5	4.0	2.1	1.90	16.413
40.5	7.0	0.5	4.1	2.7	1.52	18.771
41.0	7.6	0.5	4.5	2.5	1.80	17.985
41.5	7.0	0.5	4.5	1.8	2.50	15.234
42.0	6.5	0.5	3.8	1.2	3.17	12.876
42.5	5.9	0.4	3.9	2.0	1.95	14.388
43.0	7.0	0.6	4.3	2.0	2.15	17.652
43.5	7.0	0.6	4.6	1.9	2.42	17.259
44.0	7.0	0.6	4.7	1.3	3.62	14.901
44.5	7.6	0.6	5.7	0.9	6.33	13.329
45.0	9.2	0.6	6.3	2.1	3.00	18.045
45.5	7.6	0.5	5.2	1.8	2.89	15.234
46.0	6.5	0.5	4.5	1.5	3.00	14.055
46.5	5.9	0.5	3.7	2.2	1.68	16.806
47.0	5.4	0.5	3.3	1.1	3.00	12.483
47.5	5.4	0.5	3.6	2.2	1.64	16.806
48.0	6.5	0.5	3.9	2.8	1.39	19.164
48.5	5.4	0.5	2.9	1.9	1.53	15.627
49.0	5.9	0.6	3.2	2.2	1.45	18.438
49.5	5.4	0.5	3.0	1.8	1.67	15.234
50.0	5.9	0.4	3.6	1.9	1.89	13.995
50.5	6.5	0.5	4.5	1.7	2.65	14.841
51.0	7.0	0.5	5.1	2.0	2.55	16.02
51.5	6.5	0.5	4.7	2.3	2.04	17.199
52.0	5.9	0.4	3.7	2.1	1.76	14.781
52.5	5.9	0.6	3.1	2.3	1.35	18.831
53.0	5.9	0.4	4.3	2.2	1.95	15.174
53.5	7.0	0.6	4.2	1.8	2.33	16.866
54.0	5.9	0.5	3.9	2.5	1.56	17.985
54.5	7.0	0.5	4.3	3.0	1.43	19.95
55.0	5.9	0.5	4.4	1.2	3.67	12.876
55.5	4.9	0.2	3.5	1.4	2.50	8.766

56.0	4.9	0.3	4.2	1.3	3.23	10.005
56.5	5.4	0.3	4.3	1.1	3.91	9.219
57.0	4.9	0.3	3.0	1.4	2.14	10.398
57.5	5.4	0.4	3.9	1.4	2.79	12.03
58.0	5.4	0.3	4.1	1.9	2.16	12.363
58.5	4.9	0.4	3.7	1.0	3.70	10.458
59.0	4.9	0.4	3.1	1.9	1.63	13.995
59.5	4.9	0.3	3.3	1.8	1.83	11.97
60.0	6.5	0.3	5.1	1.6	3.19	11.184
60.5	4.9	0.3	3.9	1.1	3.55	9.219
61.0	5.9	0.4	4.3	2.0	2.15	14.388
61.5	5.4	0.3	4.0	1.9	2.11	12.363
62.0	5.4	0.4	3.2	1.8	1.78	13.602
62.5	5.4	0.4	3.9	2.4	1.63	15.96
63.0	5.4	0.3	3.9	2.6	1.50	15.114
63.5	5.4	0.3	4.5	1.4	3.21	10.398
64.0	5.9	0.4	4.0	2.8	1.43	17.532
64.5	6.5	0.3	4.5	2.2	2.05	13.542
65.0	6.5	0.4	2.1	2.1	1.00	14.781
65.5	5.9	0.3	4.7	1.2	3.92	9.612
66.0	6.5	0.3	5.1	1.1	4.64	9.219
66.5	7.0	0.5	4.6	1.7	2.71	14.841
67.0	6.5	0.4	4.6	2.2	2.09	15.174
67.5	7.0	0.3	6.2	1.7	3.65	11.577
68.0	6.5	0.2	5.6	1.8	3.11	10.338
68.5	5.9	0.3	4.2	1.4	3.00	10.398
69.0	6.5	0.2	4.9	1.5	3.27	9.159
69.5	6.5	0.3	5.1	1.8	2.83	11.97
70.0	5.9	0.2	5.1	1.4	3.64	8.766
70.5	5.4	0.3	4.2	1.4	3.00	10.398
71.0	5.9	0.2	5.1	1.3	3.92	8.373
71.5	5.4	0.5	3.7	1.4	2.64	13.662
72.0	7.0	0.4	5.1	1.8	2.83	13.602
72.5	7.6	0.4	5.6	2.1	2.67	14.781
73.0	6.5	0.2	4.9	1.9	2.58	10.731
73.5	6.5	0.3	4.4	1.8	2.44	11.97
74.0	7.0	0.4	5.6	1.6	3.50	12.816
74.5	6.5	0.4	5.1	2.2	2.32	15.174
75.0	6.5	0.3	4.4	2.4	1.83	14.328
75.5	6.5	0.3	4.9	1.8	2.72	11.97
76.0	5.4	0.3	4.6	1.5	3.07	10.791
76.5	5.4	0.4	3.9	2.2	1.77	15.174
77.0	5.4	0.4	3.4	1.7	2.00	13.209
77.5	5.9	0.4	3.8	0.9	4.22	10.065
78.00	4.9	0.3	3.7	1.5	2.47	10.791
78.25	5.4	0.3	4.8	1.8	2.67	11.97
78.50	6.5	0.4	5.3	1.2	4.42	11.244
78.75	4.3	0.4	2.2	2.5	0.88	16.353
79.00	4.9	0.2	3.9	2.1	1.86	11.517
79.25	5.4	0.2	3.8	2.2	1.73	11.91
79.50	4.3	0.3	2.7	2.9	0.93	16.293
79.75	4.3	0.3	3.4	1.5	2.27	10.791
80.00	5.4	0.2	4.0	2.0	2.00	11.124
80.25	4.3	0.3	2.7	1.5	1.80	10.791
80.50	3.8	0.4	1.4	2.1	0.67	14.781
80.75	3.8	0.6	1.1	1.8	0.61	16.866
81.00	3.8	0.5	0.9	3.0	0.30	19.95
81.25	4.3	0.6	0.9	2.1	0.43	18.045

81.50	4.3	0.7	0.5	3.1	0.16	23.607
81.75	4.3	0.7	1.0	3.4	0.29	24.786
82.00	4.9	0.8	0.8	3.7	0.22	27.597
82.25	3.8	0.9	1.1	1.7	0.65	21.369
82.50	5.9	0.9	0.7	4.1	0.17	30.801
82.75	6.5	1.1	0.8	5.9	0.14	41.139
83.00	5.4	0.9	0.9	4.6	0.20	32.766
83.25	5.4	0.9	1.1	3.4	0.32	28.05
83.50	6.5	0.9	1.0	4.7	0.21	33.159
83.75	5.9	1.0	0.9	4.3	0.21	33.219
84.00	6.5	1.0	1.2	3.9	0.31	31.647
84.25	7.0	1.1	1.1	4.0	0.28	33.672
84.50	7.0	1.1	0.7	4.8	0.15	36.816
84.75	8.1	1.2	1.7	4.7	0.36	38.055
85.00	8.6	1.3	0.9	6.9	0.13	48.333
85.25	6.5	1.1	1.4	4.7	0.30	36.423
85.50	7.0	1.2	1.1	3.9	0.28	34.911
85.75	8.1	1.2	1.5	6.0	0.25	43.164
86.00	8.1	1.3	0.7	5.3	0.13	42.045
86.25	7.6	1.3	0.5	5.7	0.09	43.617
86.50	8.1	1.3	1.4	4.3	0.33	38.115
86.75	7.6	1.4	1.2	4.6	0.26	40.926
87.00	8.1	1.2	1.3	5.6	0.23	41.592
87.25	8.6	1.6	1.3	4.9	0.27	45.369
87.50	8.6	1.4	0.9	6.3	0.14	47.607
87.75	8.1	1.2	1.2	5.1	0.24	39.627
88.00	7.0	1.0	1.5	4.2	0.36	32.826
88.25	7.0	1.1	2.2	3.2	0.69	30.528
88.50	8.1	1.1	2.1	4.6	0.46	36.03
88.75	7.0	0.9	1.7	4.1	0.41	30.801
89.00	7.0	1.0	2.0	4.6	0.43	34.398
89.25	5.9	0.8	1.7	3.1	0.55	25.239
89.50	6.5	0.8	2.6	3.8	0.68	27.99
89.75	6.5	0.7	2.6	3.7	0.70	25.965
90.00	5.9	0.8	2.3	3.4	0.68	26.418
90.25	6.5	0.7	2.5	3.1	0.81	23.607
90.50	7.0	0.8	2.5	3.8	0.66	27.99
90.75	6.5	0.8	2.2	3.5	0.63	26.811
91.00	7.0	0.8	2.4	4.2	0.57	29.562
91.25	6.5	0.8	3.0	3.2	0.94	25.632
91.50	7.0	0.9	2.8	3.9	0.72	30.015
91.75	7.0	0.8	3.0	2.8	1.07	24.06
92.00	6.5	0.8	2.0	3.9	0.51	28.383
92.25	5.9	0.8	1.8	3.3	0.55	26.025
92.50	5.9	0.8	2.0	3.7	0.54	27.597
92.75	5.4	0.7	1.0	3.6	0.28	25.572
93.00	5.4	0.7	1.3	4.0	0.33	27.144
93.25	4.9	0.8	0.6	3.7	0.16	27.597
93.50	4.3	0.7	0.7	3.4	0.21	24.786
93.75	4.9	0.7	0.8	3.5	0.23	25.179
94.00	4.9	0.8	0.8	3.3	0.24	26.025
94.25	4.3	0.7	1.2	2.7	0.44	22.035
94.50	4.9	0.7	0.9	3.3	0.27	24.393
94.75	4.9	0.7	1.2	2.8	0.43	22.428
95.00	5.4	0.8	0.8	4.9	0.16	32.313
95.25	5.4	0.9	1.1	4.3	0.26	31.587
95.50	5.9	0.9	0.7	5.1	0.14	34.731
95.75	5.4	0.9	0.9	4.3	0.21	31.587

96.00	5.4	0.8	1.3	3.2	0.41	25.632
96.25	5.4	1.0	1.1	3.0	0.37	28.11
96.50	5.4	0.9	1.0	3.9	0.26	30.015
96.75	4.9	0.8	1.2	3.9	0.31	28.383
97.00	4.9	0.8	0.4	3.8	0.11	27.99
97.25	5.4	0.9	0.4	4.5	0.09	32.373
97.50	6.5	0.9	2.0	4.3	0.47	31.587
97.75	5.4	0.9	0.5	4.4	0.11	31.98
98.00	5.9	0.8	0.9	4.3	0.21	29.955
98.25	6.5	1.0	1.1	5.3	0.21	37.149
98.50	5.4	0.9	0.9	3.6	0.25	28.836
98.75	5.4	0.9	0.7	4.4	0.16	31.98
99.00	6.5	1.0	1.2	4.8	0.25	35.184
99.25	5.9	0.9	0.9	3.6	0.25	28.836
99.50	5.9	0.9	0.6	4.0	0.15	30.408
99.75	5.4	0.8	0.9	4.4	0.20	30.348
100.00	4.9	0.6	1.4	3.9	0.36	25.119
100.25	4.9	0.8	1.1	2.8	0.39	24.06
100.50	5.4	0.7	0.9	5.1	0.18	31.467
100.75	7.0	1.2	1.1	4.9	0.22	38.841
101.00	5.9	1.0	1.3	3.2	0.41	28.896
101.25	6.5	1.0	1.3	4.5	0.29	34.005
101.50	7.0	1.1	1.1	4.9	0.22	37.209
101.75	5.9	1.0	1.3	3.7	0.35	30.861
102.00	5.4	0.9	1.2	3.5	0.34	28.443
102.25	5.4	0.8	1.5	3.9	0.38	28.383
102.50	5.4	0.8	1.1	3.8	0.29	27.99
102.75	5.4	0.8	1.3	3.9	0.33	28.383
103.00	5.9	0.8	0.8	4.4	0.18	30.348
103.25	5.4	0.8	1.3	3.2	0.41	25.632
103.50	5.4	1.0	1.1	3.4	0.32	29.682
103.75	5.9	0.9	0.8	3.6	0.22	28.836
104.00	5.9	0.9	0.9	5.1	0.18	34.731
104.25	5.4	0.9	0.6	4.3	0.14	31.587
104.50	5.4	0.9	1.1	3.5	0.31	28.443
104.75	5.4	0.8	1.1	3.8	0.29	27.99
105.00	5.4	0.9	0.4	4.2	0.10	31.194
105.25	5.4	0.8	1.2	3.5	0.34	26.811
105.50	5.4	0.9	0.9	3.7	0.24	29.229
105.75	5.4	0.9	0.8	3.9	0.21	30.015
106.00	4.9	0.8	1.1	3.3	0.33	26.025
106.25	5.9	1.0	0.6	4.5	0.13	34.005
106.50	5.4	1.0	0.6	3.8	0.16	31.254
106.75	5.4	0.8	0.8	3.7	0.22	27.597
107.00	5.9	1.0	0.4	4.7	0.09	34.791
107.25	4.9	0.9	0.5	3.0	0.17	26.478
107.50	5.4	0.9	1.0	4.7	0.21	33.159
107.75	5.4	0.8	0.8	3.0	0.27	24.846
108.00	5.4	0.8	1.1	3.5	0.31	26.811
108.25	5.4	0.9	1.3	3.3	0.39	27.657
108.50	5.4	1.0	0.7	4.0	0.18	32.04
108.75	5.4	0.9	0.6	5.1	0.12	34.731
109.00	5.9	1.1	0.9	3.4	0.26	31.314
109.25	5.9	1.0	0.7	4.8	0.15	35.184
109.50	5.9	1.0	1.0	4.2	0.24	32.826
109.75	7.6	1.2	0.8	5.9	0.14	42.771
110.00	5.9	1.1	0.7	3.7	0.19	32.493
110.25	5.9	1.0	0.4	4.2	0.10	32.826

110.50	5.4	0.8	1.0	3.7	0.27	27.597
110.75	5.9	1.0	0.7	3.9	0.18	31.647
111.00	5.9	0.8	0.6	4.3	0.14	29.955
111.25	5.4	0.9	1.1	4.1	0.27	30.801
111.50	5.4	0.9	0.5	3.7	0.14	29.229
111.75	4.9	0.8	0.9	3.6	0.25	27.204
112.00	5.4	0.5	1.0	3.6	0.28	22.308
112.25	5.4	0.8	1.1	3.6	0.31	27.204
112.50	4.9	0.8	0.7	3.5	0.20	26.811
112.75	5.4	0.8	1.1	3.3	0.33	26.025
113.00	7.6	0.9	1.9	4.8	0.40	33.552
113.25	7.0	0.9	2.8	3.9	0.72	30.015
113.50	4.9	0.7	1.1	3.6	0.31	25.572
113.75	4.9	0.8	1.0	3.4	0.29	26.418
114.00	4.3	0.7	1.1	3.0	0.37	23.214
114.25	4.9	0.7	1.1	3.8	0.29	26.358
114.50	4.9	0.7	0.7	4.0	0.18	27.144
114.75	4.3	0.7	0.2	3.4	0.06	24.786
115.00	3.8	0.6	0.8	2.2	0.36	18.438
115.25	4.3	0.7	0.9	2.8	0.32	22.428
115.50	4.3	0.5	1.2	2.8	0.43	19.164
115.75	3.8	0.7	0.4	3.0	0.13	23.214
116.00	4.3	0.6	1.0	3.2	0.31	22.368
116.25	3.8	0.5	1.2	3.3	0.36	21.129
116.50	4.3	0.6	1.6	2.5	0.64	19.617
116.75	3.8	0.5	1.4	2.6	0.54	18.378
117.00	4.3	0.5	1.6	3.1	0.52	20.343
117.25	4.3	0.5	2.4	2.3	1.04	17.199
117.50	4.3	0.5	2.2	2.2	1.00	16.806
117.75	4.9	0.4	3.4	1.5	2.27	12.423
118.00	4.9	0.6	2.1	2.1	1.00	18.045
118.25	6.5	0.9	2.4	4.4	0.55	31.98
118.50	5.9	0.7	2.3	3.5	0.66	25.179
118.75	4.9	0.5	2.4	1.8	1.33	15.234
119.00	4.3	0.5	1.3	2.7	0.48	18.771
119.25	4.3	0.5	1.7	2.7	0.63	18.771
119.50	5.4	0.7	2.3	2.5	0.92	21.249
119.75	5.4	0.5	2.5	3.6	0.69	22.308
120.00	3.8	0.4	1.6	2.4	0.67	15.96
120.25	4.3	0.6	1.5	2.1	0.71	18.045
120.50	3.8	0.5	2.0	2.4	0.83	17.592
120.75	4.9	0.6	1.9	2.3	0.83	18.831
121.00	4.9	0.6	2.3	1.9	1.21	17.259
121.25	4.9	0.5	2.7	2.6	1.04	18.378
121.50	4.3	0.5	2.0	1.6	1.25	14.448
121.75	5.4	0.6	2.6	2.8	0.93	20.796
122.00	4.3	0.5	1.8	2.5	0.72	17.985
122.25	4.3	0.5	2.5	1.4	1.79	13.662
122.50	5.4	0.7	2.7	1.9	1.42	18.891
122.75	5.4	0.6	2.6	2.2	1.18	18.438
123.00	5.4	0.7	2.3	2.5	0.92	21.249
123.25	5.9	0.8	2.6	1.7	1.53	19.737
123.50	9.2	1.4	3.7	3.3	1.12	35.817

vykreslete křivku computed gamma-ray (CGR) a křivku U/Th

CGR = 16,32*K(%) + 3,93*Th(ppm)