Na třech listech souboru jsou zadány hodnoty gamaspektrometrie ze 3 profilů v Barra
Vašim úkolem je provést korelaci na základě křivek U/Th a CGR. Hodnoty U/Th se výr
Doplňte názvy souvrství ve sloupci A listu Hvížďalka a Řeporyje
Vykreslete křivky U/Th a CGR, sjednoťte horizontální a vertikální měřítka, exportujte je do vh
Zpracujte písemný protokol v MS Word

Branžovy (horní etáž)

lochkovské, pražské a zlíchovské souvrství

Souvrství	výška na p	Tot	K (%)	U (ppm)	Th (ppm)	CGR	U/Th
lochkovské	0	23.2	0.4	2.3	2		
lochkovské	0.5	20	0.3	2	1.8		
lochkovské	1	26.9	0.5	2.8	1.9		
lochkovské	1.5	27.8	0.4	3	2.2		
lochkovské	2	23.7	0.3	3	1		
lochkovské	2.5	22.4	0.4	2	2.3		
lochkovské	3	25.3	0.4	2.5	2.3		
lochkovské	3.5	23.1	0.4	2.5	1.7		
lochkovské	4	27.2	0.3	3.1	2.4		
lochkovské	4.5	27.7	0.4	3.5	1.4		
lochkovské	5	29.4	0.3	3.6	2		
lochkovské	5.5	37.6	0.2	4.8	3.4		
lochkovské	6	30.7	0.4	3.5	2.5		
lochkovské	6.5	30.6	0.3	3.8	2.1		
lochkovské	7	41.7	0.4	5.9	1.5		
lochkovské	7.5	34	0.3	4.7	1.7		
lochkovské	8	30	0.3	4	1.9		
lochkovské	8.5	32.1	0.4	3.9	2.1		
lochkovské	9.5	31.3	0.4	3	3.6		
lochkovské	10	26.6	0.3	2.7	2.9		
lochkovské	10.5	30.9	0.4	2.5	4.7		
lochkovské	11	23.1	0.2	2.5	2.7		
lochkovské	20	18	0.2	2.5	0.9		
lochkovské	20.5	24.8	0.1	3.8	1		
lochkovské	21	15.7	0.1	2.1	1.3		
lochkovské	21.5	8.8	0.1	0.8	1.1		
lochkovské	22	13.2	0.1	1.6	1.3		
lochkovské	22.5	12.4	0.2	1.2	1.4		
lochkovské	23	13.8	0.1	1.7	1.1		
lochkovské	23.5	11.9	0.2	1	1.5		
lochkovské	24	10.4	0.2	0.8	1.4		
lochkovské	24.5	9.5	0.1	0.8	1.2		
lochkovské	25	7.2	0.1	0.5	1.3		
lochkovské	25.5	12	0.1	1.4	1.2		
lochkovské	26	9.4	0.2	0.5	1.6		
pražské	26.5	9.5	0.2	0.5	1.8		
pražské	27	11.1	0.2	0.5	2		
pražské	27.5	6.9	0.2	0.2	1.4		
pražské	28	8.5	0.2	0.3	1.5		
pražské	28.5	8.4	0.2	0.4	1.4		
pražské	29	7.6	0.1	0.3	1.5		
pražské	29.5	6.8	0.2	0.4	1		
pražské	30	5.4	0.1	0.3	0.9		
pražské	30.5	6.1	0.1	0.1	1.4		
pražské	31	8.2	0.1	0.4	1.6		
pražské	31.5	6.6	0.1	0.2	1.6		
pražské	32	7.4	0.2	0.1	1.4		
pražské	32.5	10.2	0.2	0.6	1.6		
pražské	33	8.1	0.2	0.1	1.6		

pražské	33.5	12.4	0.3	0.8	1.8
pražské	34	10.4	0.2	0.6	1.5
pražské	34.5	9.4	0.2	0.3	1.8
pražské	35	10.9	0.3	0.7	1.3
pražské	35.5	14.3	0.3	0.9	2.1
pražské	36	12.4	0.3	0.7	1.4
pražské	36.5	13.6	0.3	0.9	2
pražské	37	9.9	0.3	0.2	2
pražské	37.5	13.4	0.4	0.3	2.6
pražské	38	15.7	0.5	0.6	2.4
pražské	38.5	16.6	0.5	0.5	2.8
pražské	38.75	18.9	0.5	0.7	3.1
pražské	39	18	0.6	0.3	3.3
pražské	39.25	19.6	0.5	1.1	2.4
pražské	39.5	17.5	0.4	1.2	2.3
pražské	40	17.7	0.5	0.7	3
pražské	40.5	16.5	0.4	0.6	2.7
pražské	41	15.7	0.4	0.7	2.5
pražské	41.5	16.5	0.5	0.5	2.9
pražské	42	18.2	0.5	0.7	2.9
pražské	42.5	14.4	0.4	0.6	2
pražské	43	17.2	0.5	0.5	2.8
pražské	43.5	21.4	0.6	1.1	2.8
pražské	44	21.6	0.5	0.8	3.8
pražské	44.5	18.9	0.5	0.9	3
pražské	45	19.1	0.6	0.4	3.3
pražské	45.5	20.9	0.7	0.8	2.8
pražské	46	21.1	0.6	0.7	3.5
pražské	46.5	19.7	0.6	0.9	2.8
pražské	47	18	0.5	0.9	2.4
pražské	47.5	18.1	0.5	0.5	3.1
pražské	48	16.1	0.6	0.4	2.5
pražské	48.5	15.5	0.5	0.6	2.1
pražské	49	17.7	0.5	0.5	3.1
pražské	49.5	18.1	0.5	0.6	3
pražské	50	16.5	0.5	0.5	2.7
pražské	50.5	14.4	0.4	0.2	2.9
pražské	51	14.1	0.4	0.5	2.6
pražské	51.5	12.4	0.4	0.2	2.5
pražské	52	12.2	0.5	0.2	1.9
pražské	52.5	15.5	0.4	0.6	2.5
pražské	53	17.4	0.4	0.7	3
pražské	53.5	14	0.4	0.5	2.2
pražské	54	11.7	0.4	0.6	1.4
pražské	54.5	11.7	0.4	0.4	1.8
pražské	55	13.6	0.4	0.6	1.9
pražské	55.5	12	0.3	0.5	1.8
pražské	56	14.5	0.4	0.7	1.9
pražské	56.5	12.4	0.3	0.4	2.2
pražské	57	10.9	0.3	0.5	1.4
pražské	57.5	16.2	0.4	0.9	2.3
pražské	58	19.8	0.5	0.6	3.7
pražské	58.5	21.3	0.6	0.9	3.5
pražské	59	9.4	0.3	0.4	1.3
pražské	59.5	14.8	0.4	0.7	2.4
pražské	60	16.4	0.3	1.3	2.1
pražské	60.5	14.8	0.4	0.3	2.8
pražské	61	12.8	0.5	0.2	2.1

pražské	61.5	16.7	0.5	0.6	2.6
pražské	62	16.6	0.5	0.7	2.2
pražské	62.5	17.1	0.5	0.5	3
pražské	63	23.2	0.8	0.5	3.8
pražské	63.5	20.2	0.6	0.4	3.6
pražské	64	18.4	0.5	0.4	3.5
pražské	64.5	16.5	0.5	0.3	3.1
pražské	65	13.7	0.3	0.7	2.3
pražské	65.5	15.9	0.5	0.5	2.7
pražské	66	17.8	0.5	0.8	2.6
pražské	66.5	18.4	0.5	0.7	2.9
pražské	67	18.6	0.6	0.3	3.3
pražské	67.5	21.7	0.7	0.5	3.5
pražské	68	24.4	0.7	0.8	3.8
pražské	68.5	23.6	0.8	0.7	3.6
pražské	69	31.9	1.1	0.5	5.6
pražské	71	40	1.2	0.8	7.1
pražské	71.5	30.7	0.9	0.8	5.6
pražské	72	28.9	0.8	0.9	5.1
pražské	72.5	31.5	1	0.9	5.1
pražské	73	32	1	0.3	6.2
pražské	73.5	39.6	1.1	1.1	7.2
pražské	74	36.9	1	0.8	7.1
pražské	74.5	38.7	1.1	1.1	6.8
pražské	75	31.6	0.8	0.8	6.3
pražské	75.5	29.1	0.9	0.7	5
pražské	76	29.2	0.8	0.9	5.1
pražské	76.5	29.5	0.8	0.9	5.4
pražské	77	30.5	0.9	0.6	5.7
pražské	77.5	30.2	0.8	1.2	4.8
pražské	78	27.6	0.8	0.2	6
pražské	78.5	31.5	0.9	0.8	5.6
pražské	79	39.7	1.1	0.4	8.7
pražské	81	33.1	1	0.8	6
pražské	81.25	33	0.9	0.9	5.9
pražské	81.5	30.2	0.8	1.1	5.1
pražské	81.75	32.7	0.9	0.6	6.2
pražské	82	34.9	1	0.7	6.7
pražské	82.25	33.1	1	1.1	5.4
pražské	82.5	29.1	0.9	0.7	5.1
pražské	82.75	32.2	1	0.7	5.6
pražské	83	35.2	1	1.1	6
pražské	83.25	30.5	0.9	0.6	5.5
pražské	83.5	38.4	1	1.3	6.7
pražské	83.75	36.4	1.1	0.7	6.5
pražské	84	43.2	1.1	1	8.6
pražské	84.25	40.6	1.1	1.4	6.6
pražské	84.5	45	1.2	1	8.7
pražské	84.75	43.8	1.2	1.3	7.8
pražské	85	44.4	1.1	1.1	9.8
pražské	85.25	31.1	1.1	1.1	4.2
pražské	85.5	26.9	0.9	0.5	4.7
pražské	85.75	27.3	1.1	0.3	4.3
pražské	86	30.4	1	0.3	5.9
pražské	86.25	31.8	1.1	0.8	5
pražské	86.5	27.7	0.9	0.6	4.6
pražské	86.75	26.9	0.9	1.1	3.6
pražské	87	32.9	1	1.2	4.9

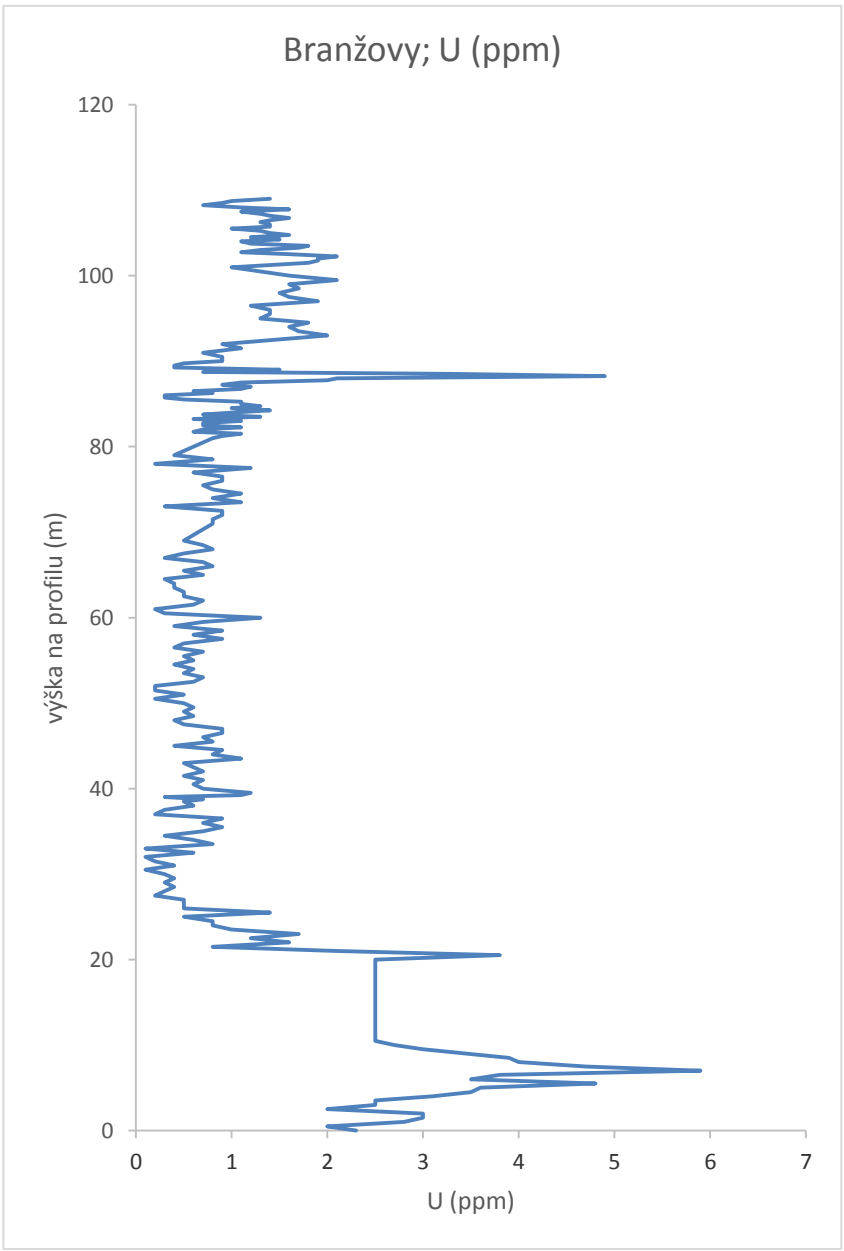
pražské	87.25	34.9	0.9	0.9	6.6
pražské	87.5	37.7	1	1.1	6.7
pražské	87.75	37	0.9	2	5.2
pražské	88	36.8	0.9	2.1	5
pražské	88.25	65.2	1.2	4.9	8.6
pražské	88.5	49.1	1.1	3.3	6.2
pražské	88.75	42.4	1.2	0.7	8.3
pražské	89	42.6	1	1.5	7.7
pražské	89.25	23.9	0.7	0.4	4.5
pražské	89.5	23	0.7	0.4	4
pražské	89.75	22.4	0.7	0.5	3
pražské	90	24.5	0.6	0.9	4.3
pražské	90.5	23.7	0.6	0.9	4.1
pražské	91	18	0.5	0.7	2.7
pražské	91.5	19.7	0.5	1.1	2.6
pražské	92	19	0.4	0.9	3.2
zlíchovské	93	29.9	0.7	2	3.5
zlíchovské	93.5	23.7	0.5	1.7	2.8
zlíchovské	94	21.6	0.5	1.6	2.4
zlíchovské	94.5	20.3	0.4	1.8	2.1
zlíchovské	95	18.9	0.5	1.3	2.1
zlíchovské	95.5	23	0.6	1.4	3
zlíchovské	96	22.5	0.5	1.4	2.9
zlíchovské	96.5	22.8	0.6	1.2	3
zlíchovské	97	23.7	0.6	1.9	2.3
zlíchovské	97.5	24.3	0.6	1.6	2.9
zlíchovské	98	24.6	0.5	1.5	3.7
zlíchovské	98.5	23.3	0.5	1.7	2.8
zlíchovské	99	24.5	0.6	1.6	3.1
zlíchovské	99.5	23.9	0.5	2.1	2
zlíchovské	100	24.5	0.6	1.6	2.9
zlíchovské	100.5	20.5	0.5	1.3	2.6
zlíchovské	101	15.4	0.4	1	1.7
zlíchovské	101.5	26.1	0.8	1.8	2.5
zlíchovské	101.75	38.1	1.4	1.9	3.7
zlíchovské	102	39.9	1.3	1.9	4.5
zlíchovské	102.25	35.7	1.1	2.1	3.7
zlíchovské	102.5	24.6	0.7	1.6	2.4
zlíchovské	102.75	22.7	0.9	1.1	2
zlíchovské	103	30.9	1	1.3	4.4
zlíchovské	103.25	30.9	1	1.7	3.3
zlíchovské	103.5	21.4	0.5	1.8	1.7
zlíchovské	103.75	21.6	0.6	1.2	2.6
zlíchovské	104	21.8	0.7	1.1	2.6
zlíchovské	104.25	24.8	0.7	1.5	3.1
zlíchovské	104.5	25	0.7	1.2	3.3
zlíchovské	104.75	28.8	0.8	1.6	3.4
zlíchovské	105	27.5	0.9	1.4	3.2
zlíchovské	105.25	25.5	0.8	1.3	3.2
zlíchovské	105.5	22.7	0.7	1	3.2
zlíchovské	105.75	26.2	0.7	1.4	3.7
zlíchovské	106	23.3	0.7	1.4	2.6
zlíchovské	106.25	25.7	0.7	1.3	3.6
zlíchovské	106.5	24.3	0.7	1.4	2.6
zlíchovské	106.75	24.5	0.6	1.6	2.8
zlíchovské	107	22.4	0.6	1.4	2.4
zlíchovské	107.25	24.9	0.7	1.3	3.3
zlíchovské	107.5	21.9	0.6	1.1	2.7

zlíchovské	107.75	20.4	0.5	1.6	2.2
zlíchovské	108	19.3	0.6	1.1	2.2
zlíchovské	108.25	15.8	0.4	0.7	2.4
zlíchovské	108.5	19.1	0.5	0.9	2.7
zlíchovské	108.75	20.4	0.5	1	3.3
zlíchovské	109	28.8	0.8	1.4	4.2

ındienu - Branžovy, Hvížďalka a Řeporyje, v rozsahu lochkovské (stupeň lochkov, devon), pražsl
azně mění na hranicích souvrství, hodnoty CGR slouží jako pomocná korelace

ıodného grafického prostředí (Corel Draw, MS PowerPoint, MS Word) a nakreslete korelační čáry

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



ké (stupeň prag až nejspodnější ems, devon) a zlíchovské (stupeň spodní ems, devon) souvrství

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

souvrství (doplňte)	**výška na profilu (m)**	**TOT**	**K (%)**	**U (ppm)**	**Th (ppm)**
	0	51.1	1	5	4.1
	0.5	37.1	0.8	3.4	3.4
	1	40.6	0.7	4.4	2.7
	1.5	43.4	0.9	4.3	3.1
	2	43.8	0.8	4.6	3.1
	2.6	34	0.7	3.2	2.8
	3	35.3	0.8	2.9	3.6
	3.5	26	0.6	2.6	1.6
	4	20.6	0.4	1.9	1.9
	4.5	20.3	0.4	2	1.6
	5	32.3	0.6	3.1	2.7
	5.5	30.8	0.8	1.8	4.1
	6	36.1	0.8	2.9	3.8
	6.5	21	0.6	1.2	2.5
	7	30.9	0.7	1.3	5.5
	7.5	22.9	0.5	1.4	3.1
	8	17.7	0.4	1	2.4
	8.5	15.6	0.4	0.3	3.1
	9	20.6	0.5	1.2	2.9
	9.5	23.1	0.7	1.1	3.3
	10	15.7	0.4	0.7	2.6
	10.5	17.5	0.4	0.7	3
	11	18.9	0.6	0.7	2.7
	12	14.5	0.4	0.2	2.9
	13	19.1	0.5	0.8	2.8
	14	20.9	0.7	0.8	2.8
	15	27.8	0.9	0.8	4.1
	16	23	0.7	1	2.9
	17	36.9	1.3	1.2	4.8
	18	34.9	1.1	1.1	5.2
	19	27.8	1.1	0.3	4.5
	20	28.4	0.8	1.1	4.5
	21	35.2	1.2	0.6	6.1
	22	43.3	1	3.4	4.4
	23	39	1.4	1.1	5.7
	24	42.3	1.4	1.2	6.3
	25	35.5	1.3	1.1	4.9
	26	53.2	1.9	1.8	6.9
	27	52	1.7	1.4	8
	28	34.7	1.2	0.9	5.4
	29	41	1.4	1.4	5.6
	30	40.9	1.5	1.5	5.1
	31	42	1.5	1.3	5.4
	32	34.2	1.1	1.4	4.5
	33	44.1	1.5	1.3	6.5
	34	40.2	1.3	1.4	5.7
	35	43.6	1.4	1.7	6
	36	33.6	1	1.8	4.1
	37	29.3	0.9	0.4	5.7
	38	37.7	1.4	1.2	4.7
	39	40.1	1.2	1.6	5.6
	40	39.4	1.4	1.1	5.4
	41	41.5	1.4	1.5	5.8
	42	43.6	1.5	1.2	6.6
	43	37.6	1.2	1.3	5.7

44	39.3	1.2	1.8	5.1
45	40.6	1.3	1.6	5.4
46	36.9	1.2	1.8	4.4
47	30.8	0.8	1.7	4.4
48	32.7	0.9	1.8	4.3
49	40.3	1.2	2.1	4.8
50	29.2	1	1.2	3.7
51	34.3	1.1	1	5.5
52	33.4	0.9	1.5	4.9
53	34.9	0.9	2.1	4.2
54	35.1	0.8	1.8	5.3
55	25.2	0.7	1.7	2.7
56	22.6	0.6	1.2	3.3
57	28.5	0.8	1.4	4
58	28.3	0.8	1.2	4.1
59	28.7	0.9	1.2	3.9
60	24.1	0.7	1.4	2.5
61	32	0.9	1.7	4.3
64	34.7	1	1.3	5.3
65	31.3	0.9	1.3	4.4
66	31.4	1	1.2	4.4
67	31.3	0.9	1.4	4.3
68	31.4	0.9	1	5.1
69	30.3	0.9	1	4.7
70	36.8	1.1	1.7	5
71	32	1	1.2	4.9
71.2	39	1.1	2.1	4.8
71.65	42.6	1.2	1.8	6.6
72	29.2	0.7	1.6	3.9
73	25.9	0.7	1.2	3.9
74	31.5	0.9	1.2	4.9
75.05	47.2	1.5	2.5	5.3
76	47.6	1.6	1.7	6.6
76.4	40.2	1.2	2	5
77	29.2	0.9	1.4	3.5
78	29.7	1	0.9	4.4
79	31.5	1	1.4	4
80	31	0.8	1.9	3.9
81	33.8	1	1.5	4.5
82	39.6	1.2	1.1	6.7
83	32.2	0.8	1.8	4.2
84	37.4	1.1	1.7	5
85	39.6	1.1	1.8	5.5
86	32.7	0.8	1.6	5
87	43.2	1.4	1.6	6.2
88	31.4	0.8	1.7	4.5
89	41.5	1.3	1.6	5.7
90	41.3	1.2	1.8	5.7
91	38.8	1.2	1.6	5.2
92	31.9	0.9	1.6	4.3
93	32.1	1	1.4	4.1
94	36	1.2	1.1	5.1
95	38.2	1	1.4	6.4
96	33	1	1.5	4.6
97	33.5	1	1.2	5
98	36.3	1.1	1.2	5.5
99	32.8	1	1.4	4.6
100	31.7	1	1.3	4.4

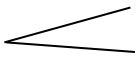
101	31.6	0.8	1.7	4.3
102	30.1	0.8	1.6	4
103	35.3	1.1	1.2	5.4
104	36.6	1.1	1.3	5.9
105	38.1	1.2	1.8	4.7
106	31.6	1	1.2	4.3
107	37	1.3	1	5.5
108	30.9	0.9	1.2	4.6
109	34	1.2	0.9	5
110	36.1	1.2	1	5.7
111	29.4	0.9	1.2	4.1
112	30.4	0.9	1.6	3.5
113	31.8	0.9	1.6	4.2
114	32.5	0.9	1.1	5.3
115	38.1	1.1	1.7	5.3
116	31.9	1	1.1	4.9
117	31.7	0.9	1.3	4.9
118	25.5	0.8	1.1	3.3
119	32.6	0.8	2.3	3.6
120	36.4	0.9	2.6	4
121	38.1	0.8	3	4.2
122	31.7	0.8	1.6	4.4
123	34	1	1.8	4.3
124	32.3	0.8	1.4	5.1
125	28.5	0.7	2.2	2.6
126	31.1	0.9	0.8	5.4
127	32.6	1	0.9	5.5
128	26.1	0.7	1.2	3.8
129	30.7	0.9	1.8	3.5
130	30.3	0.9	1.1	4.5
131	33.7	1.1	1.1	5.2
132	35.7	1.1	1.6	4.6
133	26.6	0.9	1	3.7
134	30.9	1	1.1	4.6
135	31.5	0.9	1.7	3.8
136	28.8	0.8	1.3	3.8
137	30.8	1	1.1	4.3
138	27.8	0.8	1.1	4.3
139	29.4	0.9	1.3	4
140	31.9	0.9	1.3	4.7
141	28.5	0.9	0.7	4.9
142	28.8	0.8	1.3	4
143	33.1	0.9	1.2	5.3
143.6	62.4	2.1	1.6	9.8
144	25.1	0.7	1.2	3.6
145	30.2	0.9	1.1	4.7
146	29	0.8	1.5	4
147	27	0.8	1.1	4.1
148	24.5	0.9	1.2	3.6
149	27.3	0.8	1.1	3.8
150	23.7	0.7	0.7	3.9
151	32.1	0.8	2.4	3.3
152	29.8	0.8	1.5	4.3
153	27	0.8	1.3	3.7
154	27.5	0.8	1.5	3.4
155	23.2	0.6	1.6	2.3
156	21.4	0.6	1	3.2
157	28.7	0.8	1.6	3.6

158	28.3	0.7	1.8	3.5
159	22.2	0.6	1.4	2.6
161	22.6	0.7	1.4	2.2
162	24.5	0.6	1.4	3.4
162.5	24.9	0.7	1.3	3.4
163	22.9	0.6	1.5	2.5
163.5	23.6	0.6	1.4	3
164	21.6	0.5	1.6	2.4
164.5	24.2	0.5	1.5	3.5
165	22.6	0.5	1.4	3.1
165.6	37	1.1	2.1	4
166	18.8	0.4	1.1	2.7
166.2	43.6	1.4	2.3	4.8
166.5	20.1	0.4	1.4	2.6
167	33	0.9	1.9	3.8
167.5	29.9	0.7	1.7	4.1
168	18.7	0.4	1.4	2.2
168.5	15.8	0.3	1.2	1.8
169	12.1	0.1	1.4	1.3
169.5	12.8	0.2	1.3	1.1
170	13.7	0.1	1.8	1
170.5	22.2	0.2	2.8	1.5
171	23.8	0.5	1.9	2.6
171.5	20.8	0.4	1.8	2.3
172	27.5	0.5	2.4	2.8
172.5	26.5	0.4	3.1	1.5
173	17.7	0.2	2.3	1
173.5	16.7	0.2	1.9	1.6
174	15.6	0.1	2	1.1
174.5	16	0.1	2.3	0.8
175	14.9	0.2	1.5	1.6
175.5	12.8	0.2	1.6	0.7
176	21.9	0	3.6	0.9

é souvrství

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

zlom



Řeporyje, profil Požáry 3, lochkovské + pražské + zlíchovské souvrství
měřeno do nadloží

Souvrtsví (doplňte)

výška na profilu (m)	TOT	K (%)	U (ppm)	Th (ppm)
0.5	5.1	0.4	2.5	2.7
1.0	4.1	0.2	2.0	3.4
1.5	3.8	0.3	2.2	2.5
2.0	4.6	0.4	2.3	2.9
2.5	4.1	0.4	2.0	1.8
3.0	6.1	0.2	5.4	1.7
3.5	5.5	0.3	3.6	2.2
4.0	2.4	0.2	1.8	1.6
4.5	3.0	0.3	1.6	2.2
5.0	7.3	0.6	3.9	2.6
5.5	4.5	0.1	3.1	2.0
6.0	6.9	0.5	4.4	2.6
6.5	6.0	0.6	2.0	3.0
7.0	6.7	0.5	3.4	3.7
7.5	9.4	0.1	8.8	2.0
8.0	9.0	0.3	5.9	2.0
8.5	6.7	0.5	3.5	2.3
9.0	9.1	0.4	7.5	1.6
9.5	7.9	0.3	6.6	1.9
10.0	11.7	0.4	10.0	2.4
10.5	6.4	0.4	4.7	1.9
11.0	5.0	0.6	2.4	0.7
11.5	3.5	0.6	1.6	1.5
12.0	5.2	0.5	3.2	0.9
12.5	5.6	0.5	3.8	0.6
13.0	7.6	0.6	5.1	1.3
13.5	8.0	0.5	6.3	0.6
14.0	8.3	0.9	4.2	2.2
14.5	6.9	0.8	4.0	1.3
15.0	6.3	0.7	4.0	0.4
15.5	5.7	0.4	4.0	2.0
16.0	5.6	0.6	2.3	2.8
16.5	6.1	0.5	3.5	2.3
17.0	6.6	0.6	3.1	1.6
17.5	7.5	0.6	4.9	1.7
18.0	7.6	0.7	3.4	2.2
18.5	7.0	0.8	3.2	2.7
19.0	4.4	0.3	3.3	1.6
19.5	6.6	0.4	4.0	2.4
20.0	7.2	0.7	4.3	2.2
20.5	1.1	0.1	1.7	0.9
21.0	3.3	0.3	3.5	0.8
21.5	0.7	0.2	2.0	0.4
22.0	6.9	0.4	4.7	1.3
22.5	5.7	0.5	4.2	1.5
23.0	7.6	0.4	6.7	0.5
23.5	7.4	0.4	5.4	0.8
24.0	1.4	0.1	2.5	0.2
24.5	6.6	0.5	4.2	1.3
25.0	7.6	0.7	3.9	1.6
25.5	6.3	0.6	4.0	0.8
26.0	6.2	0.4	4.2	2.0
26.5	1.4	0.2	1.4	0.7

27.0	6.8	0.5	3.2	3.6
27.5	7.3	0.7	4.3	2.0
28.0	6.4	0.6	2.5	2.9
28.5	7.0	0.6	3.9	2.6
29.0	7.2	0.6	4.7	2.3
29.5	7.5	0.6	4.4	2.7
30.0	7.9	0.6	5.2	2.9
30.5	7.8	0.6	5.1	1.5
31.0	7.6	0.6	5.5	1.6
31.5	6.8	0.6	3.8	3.1
32.0	8.2	0.6	4.3	3.0
32.5	7.8	0.4	3.9	2.9
33.0	6.7	0.4	4.9	1.6
33.5	6.9	0.5	3.7	2.3
34.0	7.2	0.5	4.8	1.6
34.5	6.9	0.6	4.2	1.2
35.0	7.5	0.4	5.6	2.0
35.5	9.2	0.5	6.7	2.3
36.0	8.1	0.7	5.7	1.9
36.5	8.1	0.6	4.6	2.8
37.0	7.6	0.6	4.6	3.2
37.5	7.6	0.5	5.6	2.5
38.0	8.6	0.6	5.3	3.1
38.5	8.1	0.7	4.9	3.3
39.0	8.6	0.8	4.7	3.0
39.5	6.5	0.5	3.7	2.4
40.0	5.9	0.5	4.0	2.1
40.5	7.0	0.5	4.1	2.7
41.0	7.6	0.5	4.5	2.5
41.5	7.0	0.5	4.5	1.8
42.0	6.5	0.5	3.8	1.2
42.5	5.9	0.4	3.9	2.0
43.0	7.0	0.6	4.3	2.0
43.5	7.0	0.6	4.6	1.9
44.0	7.0	0.6	4.7	1.3
44.5	7.6	0.6	5.7	0.9
45.0	9.2	0.6	6.3	2.1
45.5	7.6	0.5	5.2	1.8
46.0	6.5	0.5	4.5	1.5
46.5	5.9	0.5	3.7	2.2
47.0	5.4	0.5	3.3	1.1
47.5	5.4	0.5	3.6	2.2
48.0	6.5	0.5	3.9	2.8
48.5	5.4	0.5	2.9	1.9
49.0	5.9	0.6	3.2	2.2
49.5	5.4	0.5	3.0	1.8
50.0	5.9	0.4	3.6	1.9
50.5	6.5	0.5	4.5	1.7
51.0	7.0	0.5	5.1	2.0
51.5	6.5	0.5	4.7	2.3
52.0	5.9	0.4	3.7	2.1
52.5	5.9	0.6	3.1	2.3
53.0	5.9	0.4	4.3	2.2
53.5	7.0	0.6	4.2	1.8
54.0	5.9	0.5	3.9	2.5
54.5	7.0	0.5	4.3	3.0
55.0	5.9	0.5	4.4	1.2
55.5	4.9	0.2	3.5	1.4

56.0	4.9	0.3	4.2	1.3
56.5	5.4	0.3	4.3	1.1
57.0	4.9	0.3	3.0	1.4
57.5	5.4	0.4	3.9	1.4
58.0	5.4	0.3	4.1	1.9
58.5	4.9	0.4	3.7	1.0
59.0	4.9	0.4	3.1	1.9
59.5	4.9	0.3	3.3	1.8
60.0	6.5	0.3	5.1	1.6
60.5	4.9	0.3	3.9	1.1
61.0	5.9	0.4	4.3	2.0
61.5	5.4	0.3	4.0	1.9
62.0	5.4	0.4	3.2	1.8
62.5	5.4	0.4	3.9	2.4
63.0	5.4	0.3	3.9	2.6
63.5	5.4	0.3	4.5	1.4
64.0	5.9	0.4	4.0	2.8
64.5	6.5	0.3	4.5	2.2
65.0	6.5	0.4	2.1	2.1
65.5	5.9	0.3	4.7	1.2
66.0	6.5	0.3	5.1	1.1
66.5	7.0	0.5	4.6	1.7
67.0	6.5	0.4	4.6	2.2
67.5	7.0	0.3	6.2	1.7
68.0	6.5	0.2	5.6	1.8
68.5	5.9	0.3	4.2	1.4
69.0	6.5	0.2	4.9	1.5
69.5	6.5	0.3	5.1	1.8
70.0	5.9	0.2	5.1	1.4
70.5	5.4	0.3	4.2	1.4
71.0	5.9	0.2	5.1	1.3
71.5	5.4	0.5	3.7	1.4
72.0	7.0	0.4	5.1	1.8
72.5	7.6	0.4	5.6	2.1
73.0	6.5	0.2	4.9	1.9
73.5	6.5	0.3	4.4	1.8
74.0	7.0	0.4	5.6	1.6
74.5	6.5	0.4	5.1	2.2
75.0	6.5	0.3	4.4	2.4
75.5	6.5	0.3	4.9	1.8
76.0	5.4	0.3	4.6	1.5
76.5	5.4	0.4	3.9	2.2
77.0	5.4	0.4	3.4	1.7
77.5	5.9	0.4	3.8	0.9
78.00	4.9	0.3	3.7	1.5
78.25	5.4	0.3	4.8	1.8
78.50	6.5	0.4	5.3	1.2
78.75	4.3	0.4	2.2	2.5
79.00	4.9	0.2	3.9	2.1
79.25	5.4	0.2	3.8	2.2
79.50	4.3	0.3	2.7	2.9
79.75	4.3	0.3	3.4	1.5
80.00	5.4	0.2	4.0	2.0
80.25	4.3	0.3	2.7	1.5
80.50	3.8	0.4	1.4	2.1
80.75	3.8	0.6	1.1	1.8
81.00	3.8	0.5	0.9	3.0
81.25	4.3	0.6	0.9	2.1

81.50	4.3	0.7	0.5	3.1
81.75	4.3	0.7	1.0	3.4
82.00	4.9	0.8	0.8	3.7
82.25	3.8	0.9	1.1	1.7
82.50	5.9	0.9	0.7	4.1
82.75	6.5	1.1	0.8	5.9
83.00	5.4	0.9	0.9	4.6
83.25	5.4	0.9	1.1	3.4
83.50	6.5	0.9	1.0	4.7
83.75	5.9	1.0	0.9	4.3
84.00	6.5	1.0	1.2	3.9
84.25	7.0	1.1	1.1	4.0
84.50	7.0	1.1	0.7	4.8
84.75	8.1	1.2	1.7	4.7
85.00	8.6	1.3	0.9	6.9
85.25	6.5	1.1	1.4	4.7
85.50	7.0	1.2	1.1	3.9
85.75	8.1	1.2	1.5	6.0
86.00	8.1	1.3	0.7	5.3
86.25	7.6	1.3	0.5	5.7
86.50	8.1	1.3	1.4	4.3
86.75	7.6	1.4	1.2	4.6
87.00	8.1	1.2	1.3	5.6
87.25	8.6	1.6	1.3	4.9
87.50	8.6	1.4	0.9	6.3
87.75	8.1	1.2	1.2	5.1
88.00	7.0	1.0	1.5	4.2
88.25	7.0	1.1	2.2	3.2
88.50	8.1	1.1	2.1	4.6
88.75	7.0	0.9	1.7	4.1
89.00	7.0	1.0	2.0	4.6
89.25	5.9	0.8	1.7	3.1
89.50	6.5	0.8	2.6	3.8
89.75	6.5	0.7	2.6	3.7
90.00	5.9	0.8	2.3	3.4
90.25	6.5	0.7	2.5	3.1
90.50	7.0	0.8	2.5	3.8
90.75	6.5	0.8	2.2	3.5
91.00	7.0	0.8	2.4	4.2
91.25	6.5	0.8	3.0	3.2
91.50	7.0	0.9	2.8	3.9
91.75	7.0	0.8	3.0	2.8
92.00	6.5	0.8	2.0	3.9
92.25	5.9	0.8	1.8	3.3
92.50	5.9	0.8	2.0	3.7
92.75	5.4	0.7	1.0	3.6
93.00	5.4	0.7	1.3	4.0
93.25	4.9	0.8	0.6	3.7
93.50	4.3	0.7	0.7	3.4
93.75	4.9	0.7	0.8	3.5
94.00	4.9	0.8	0.8	3.3
94.25	4.3	0.7	1.2	2.7
94.50	4.9	0.7	0.9	3.3
94.75	4.9	0.7	1.2	2.8
95.00	5.4	0.8	0.8	4.9
95.25	5.4	0.9	1.1	4.3
95.50	5.9	0.9	0.7	5.1
95.75	5.4	0.9	0.9	4.3

96.00	5.4	0.8	1.3	3.2
96.25	5.4	1.0	1.1	3.0
96.50	5.4	0.9	1.0	3.9
96.75	4.9	0.8	1.2	3.9
97.00	4.9	0.8	0.4	3.8
97.25	5.4	0.9	0.4	4.5
97.50	6.5	0.9	2.0	4.3
97.75	5.4	0.9	0.5	4.4
98.00	5.9	0.8	0.9	4.3
98.25	6.5	1.0	1.1	5.3
98.50	5.4	0.9	0.9	3.6
98.75	5.4	0.9	0.7	4.4
99.00	6.5	1.0	1.2	4.8
99.25	5.9	0.9	0.9	3.6
99.50	5.9	0.9	0.6	4.0
99.75	5.4	0.8	0.9	4.4
100.00	4.9	0.6	1.4	3.9
100.25	4.9	0.8	1.1	2.8
100.50	5.4	0.7	0.9	5.1
100.75	7.0	1.2	1.1	4.9
101.00	5.9	1.0	1.3	3.2
101.25	6.5	1.0	1.3	4.5
101.50	7.0	1.1	1.1	4.9
101.75	5.9	1.0	1.3	3.7
102.00	5.4	0.9	1.2	3.5
102.25	5.4	0.8	1.5	3.9
102.50	5.4	0.8	1.1	3.8
102.75	5.4	0.8	1.3	3.9
103.00	5.9	0.8	0.8	4.4
103.25	5.4	0.8	1.3	3.2
103.50	5.4	1.0	1.1	3.4
103.75	5.9	0.9	0.8	3.6
104.00	5.9	0.9	0.9	5.1
104.25	5.4	0.9	0.6	4.3
104.50	5.4	0.9	1.1	3.5
104.75	5.4	0.8	1.1	3.8
105.00	5.4	0.9	0.4	4.2
105.25	5.4	0.8	1.2	3.5
105.50	5.4	0.9	0.9	3.7
105.75	5.4	0.9	0.8	3.9
106.00	4.9	0.8	1.1	3.3
106.25	5.9	1.0	0.6	4.5
106.50	5.4	1.0	0.6	3.8
106.75	5.4	0.8	0.8	3.7
107.00	5.9	1.0	0.4	4.7
107.25	4.9	0.9	0.5	3.0
107.50	5.4	0.9	1.0	4.7
107.75	5.4	0.8	0.8	3.0
108.00	5.4	0.8	1.1	3.5
108.25	5.4	0.9	1.3	3.3
108.50	5.4	1.0	0.7	4.0
108.75	5.4	0.9	0.6	5.1
109.00	5.9	1.1	0.9	3.4
109.25	5.9	1.0	0.7	4.8
109.50	5.9	1.0	1.0	4.2
109.75	7.6	1.2	0.8	5.9
110.00	5.9	1.1	0.7	3.7
110.25	5.9	1.0	0.4	4.2

110.50	5.4	0.8	1.0	3.7
110.75	5.9	1.0	0.7	3.9
111.00	5.9	0.8	0.6	4.3
111.25	5.4	0.9	1.1	4.1
111.50	5.4	0.9	0.5	3.7
111.75	4.9	0.8	0.9	3.6
112.00	5.4	0.5	1.0	3.6
112.25	5.4	0.8	1.1	3.6
112.50	4.9	0.8	0.7	3.5
112.75	5.4	0.8	1.1	3.3
113.00	7.6	0.9	1.9	4.8
113.25	7.0	0.9	2.8	3.9
113.50	4.9	0.7	1.1	3.6
113.75	4.9	0.8	1.0	3.4
114.00	4.3	0.7	1.1	3.0
114.25	4.9	0.7	1.1	3.8
114.50	4.9	0.7	0.7	4.0
114.75	4.3	0.7	0.2	3.4
115.00	3.8	0.6	0.8	2.2
115.25	4.3	0.7	0.9	2.8
115.50	4.3	0.5	1.2	2.8
115.75	3.8	0.7	0.4	3.0
116.00	4.3	0.6	1.0	3.2
116.25	3.8	0.5	1.2	3.3
116.50	4.3	0.6	1.6	2.5
116.75	3.8	0.5	1.4	2.6
117.00	4.3	0.5	1.6	3.1
117.25	4.3	0.5	2.4	2.3
117.50	4.3	0.5	2.2	2.2
117.75	4.9	0.4	3.4	1.5
118.00	4.9	0.6	2.1	2.1
118.25	6.5	0.9	2.4	4.4
118.50	5.9	0.7	2.3	3.5
118.75	4.9	0.5	2.4	1.8
119.00	4.3	0.5	1.3	2.7
119.25	4.3	0.5	1.7	2.7
119.50	5.4	0.7	2.3	2.5
119.75	5.4	0.5	2.5	3.6
120.00	3.8	0.4	1.6	2.4
120.25	4.3	0.6	1.5	2.1
120.50	3.8	0.5	2.0	2.4
120.75	4.9	0.6	1.9	2.3
121.00	4.9	0.6	2.3	1.9
121.25	4.9	0.5	2.7	2.6
121.50	4.3	0.5	2.0	1.6
121.75	5.4	0.6	2.6	2.8
122.00	4.3	0.5	1.8	2.5
122.25	4.3	0.5	2.5	1.4
122.50	5.4	0.7	2.7	1.9
122.75	5.4	0.6	2.6	2.2
123.00	5.4	0.7	2.3	2.5
123.25	5.9	0.8	2.6	1.7
123.50	9.2	1.4	3.7	3.3

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