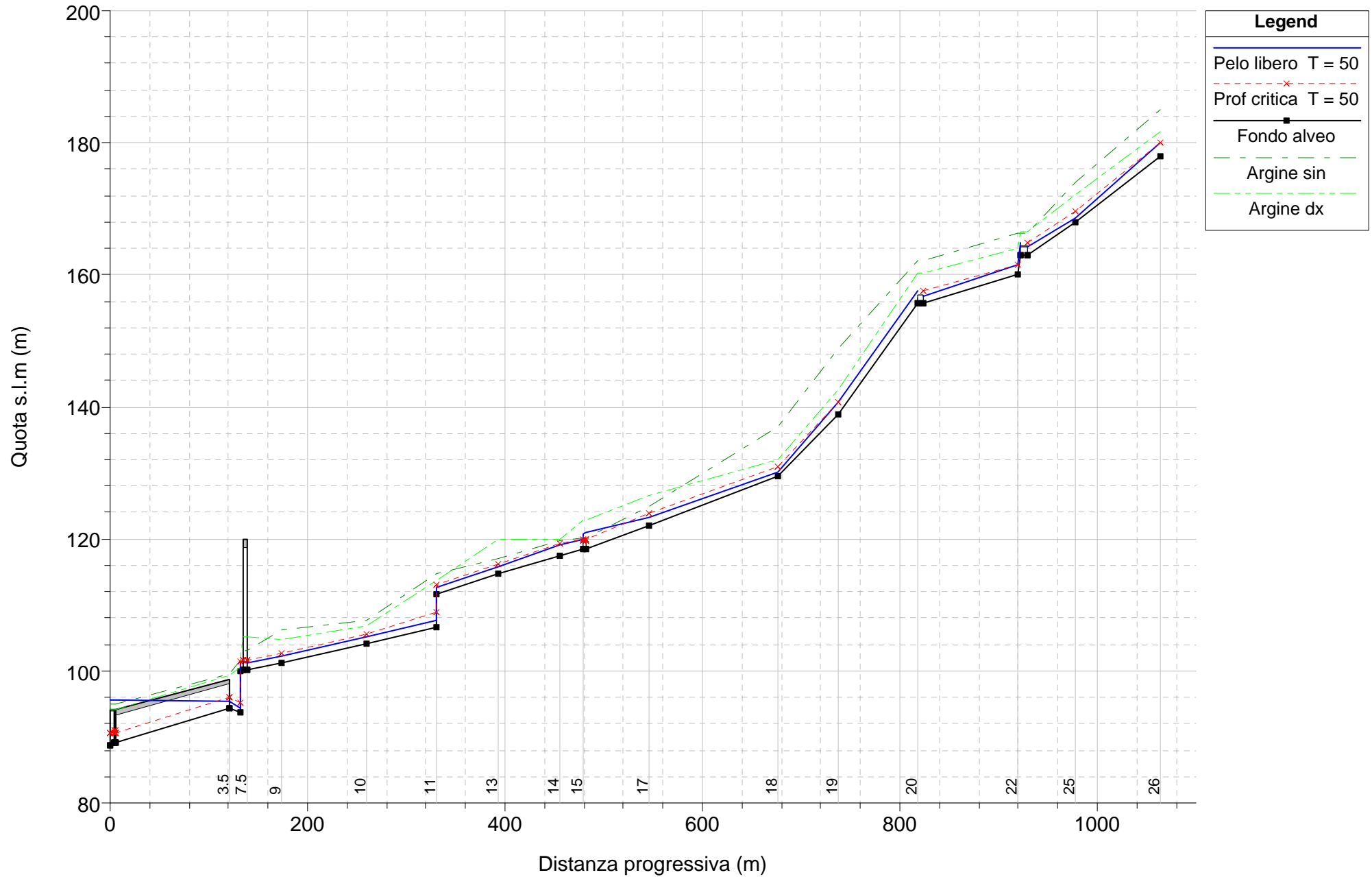


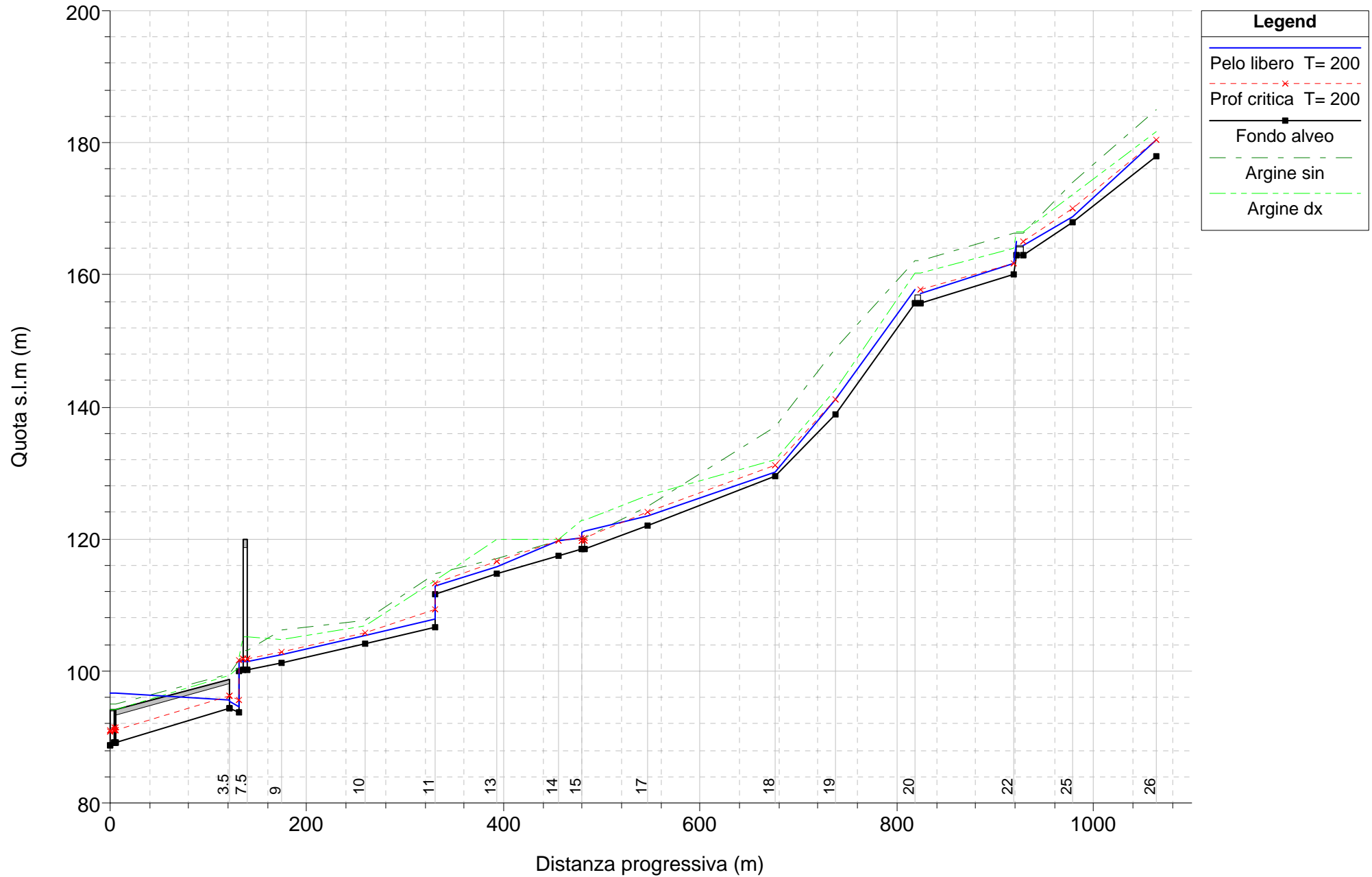
**PROFILI DI RIGURGITO IN CONDIZIONI DI MOTO
PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI**

RIO LORIANO

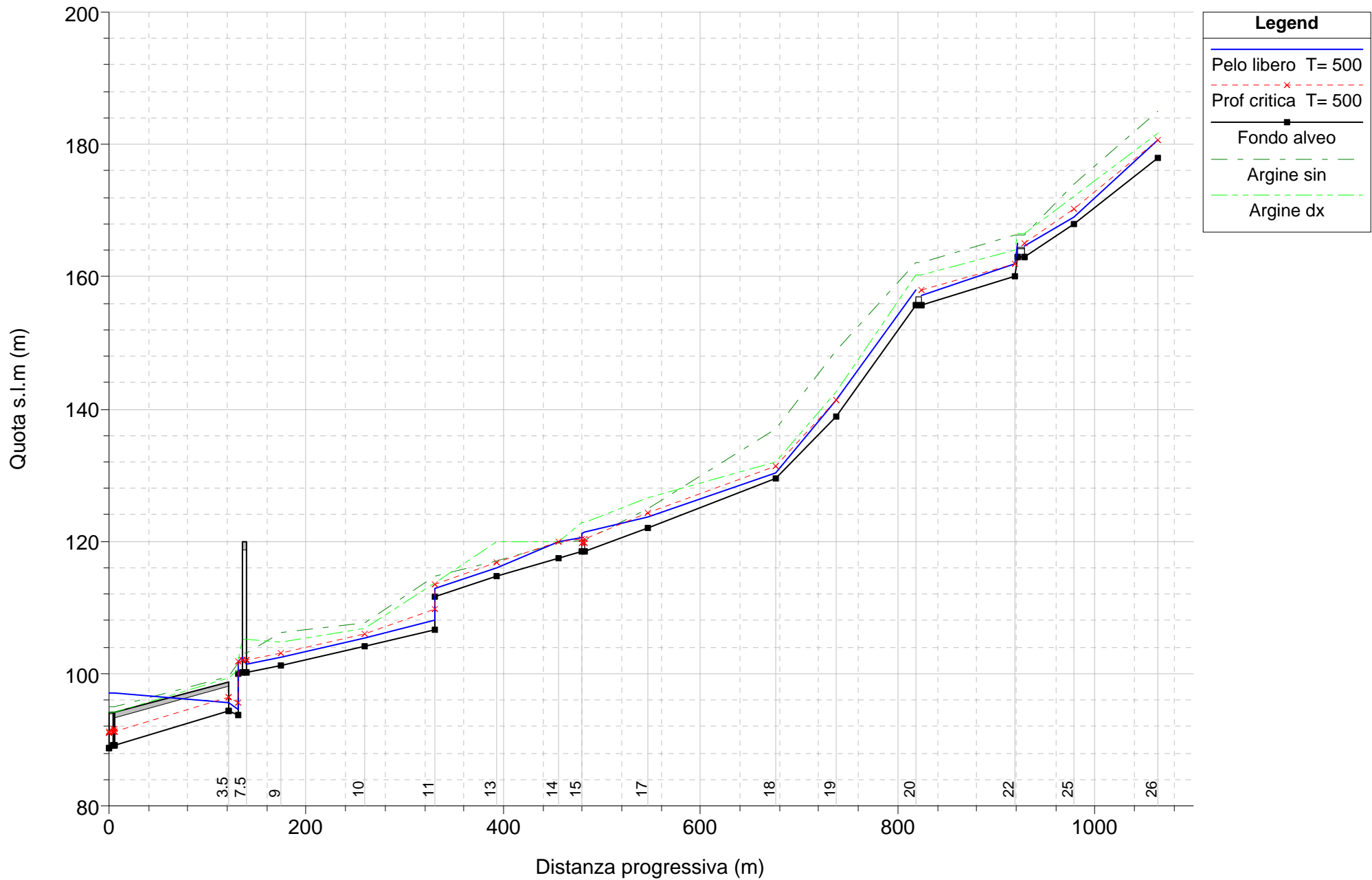
Rio Loriano – profilo longitudinale di moto permanente T=50 anni



Rio Loriano – profilo longitudinale di moto permanente T=200 anni



Rio Loriano – profilo longitudinale di moto permanente T=500 anni



**GEOMETRIA DELLE SEZIONI ED ALTEZZA DEL PELO
LIBERO IN CONDIZIONI DI MOTO PERMANENTE
PER LE PORTATE T=50, 200, 500 ANNI**

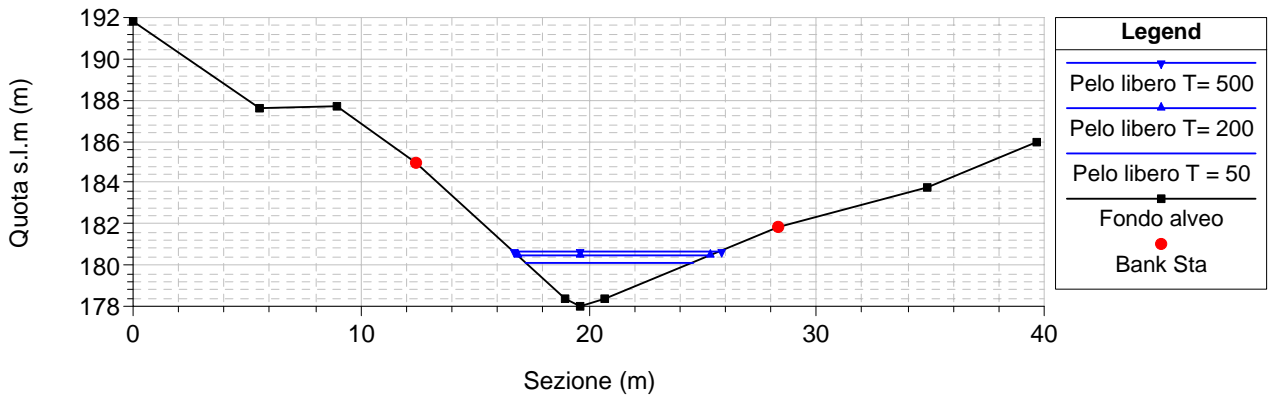
RIO LORIANO

DALLA SEZ. 26
ALLA SEZ. 1

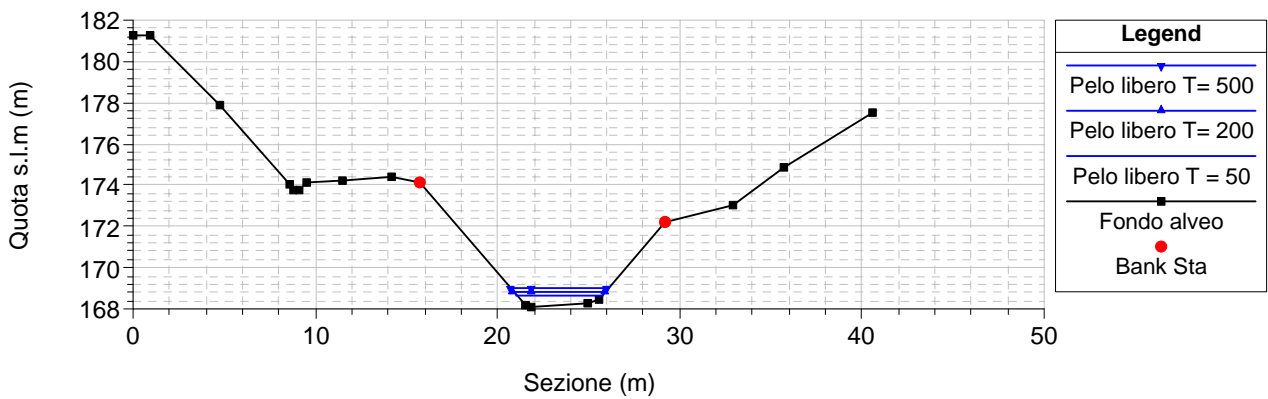
RIO LORIANO

Sezioni trasversali

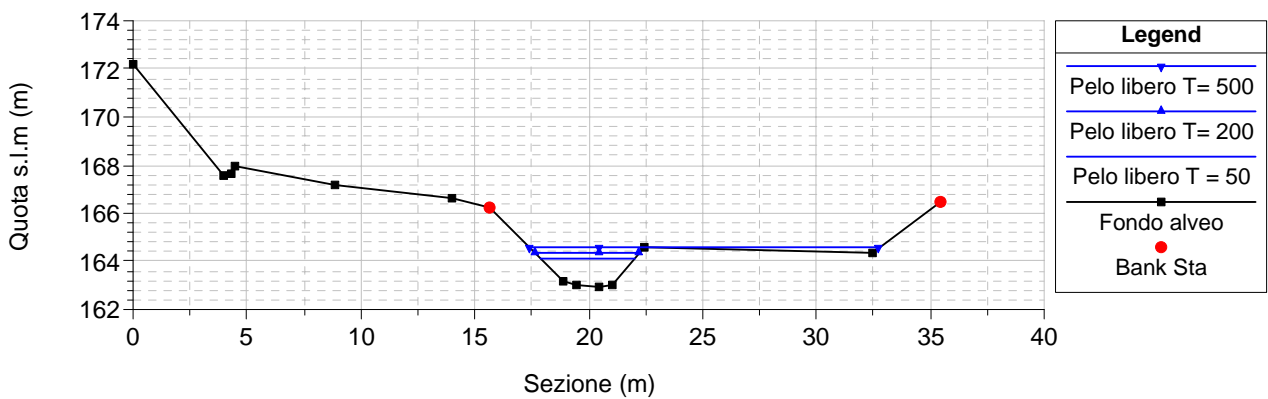
RS = 26



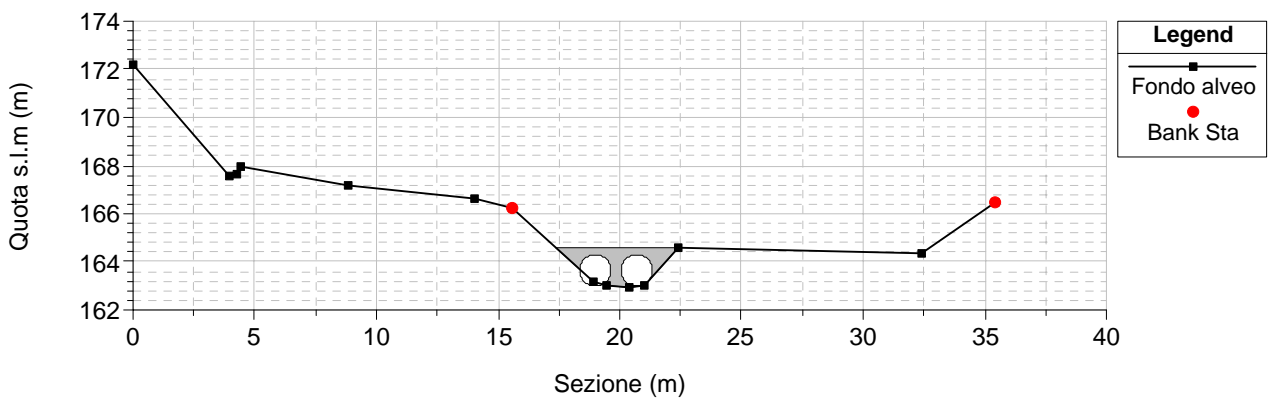
RS = 25



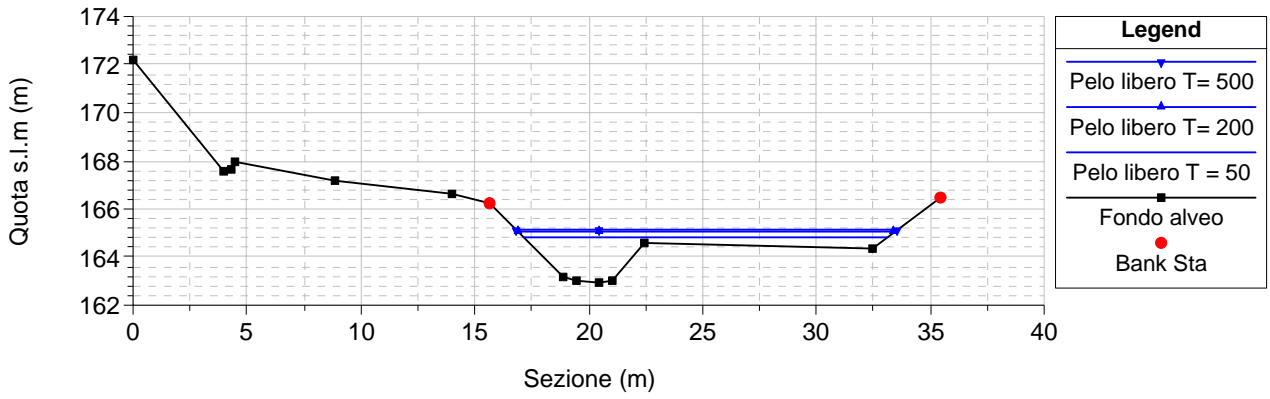
RS = 24



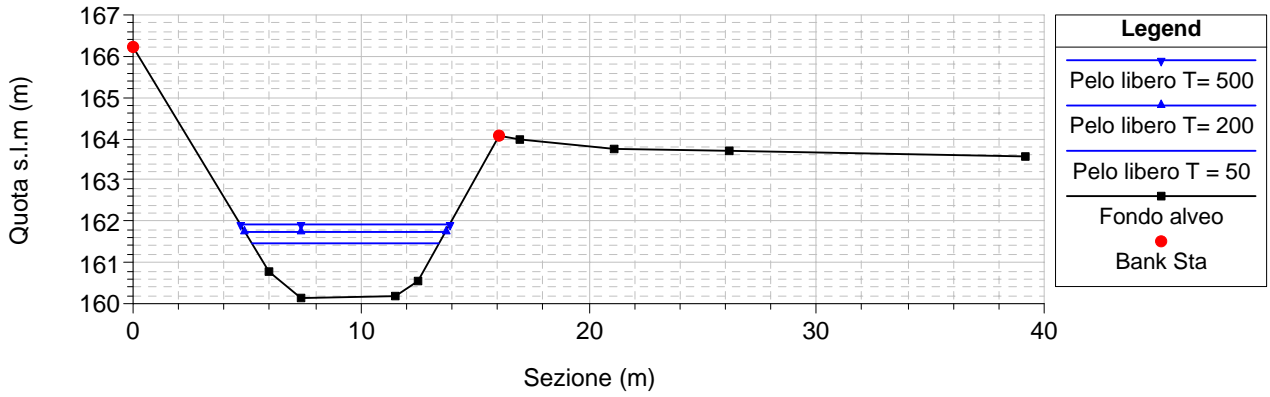
RS = 23.5 Culv



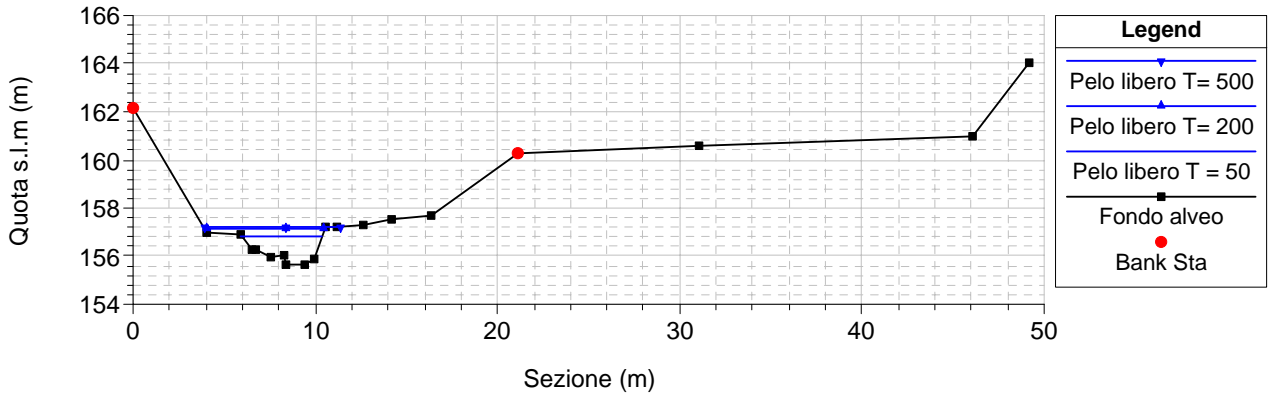
RS = 23



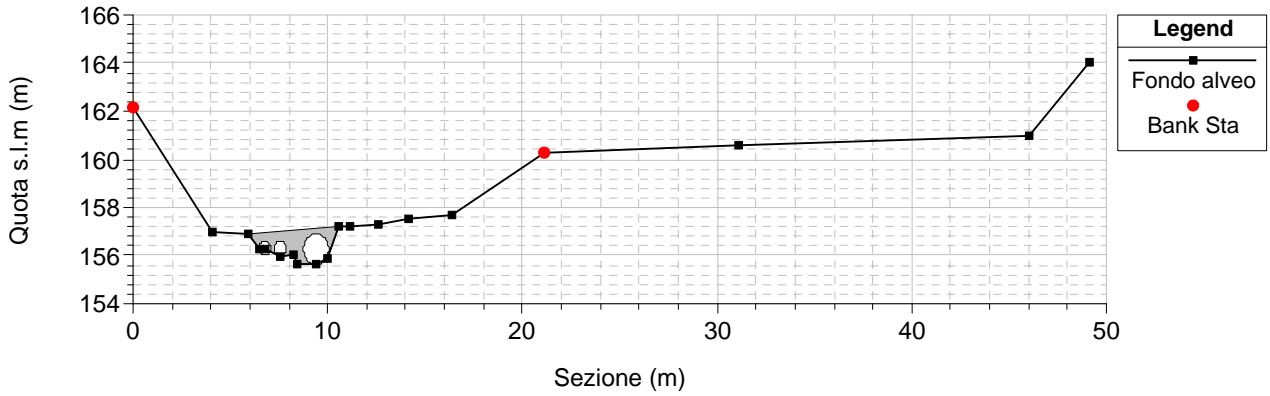
RS = 22



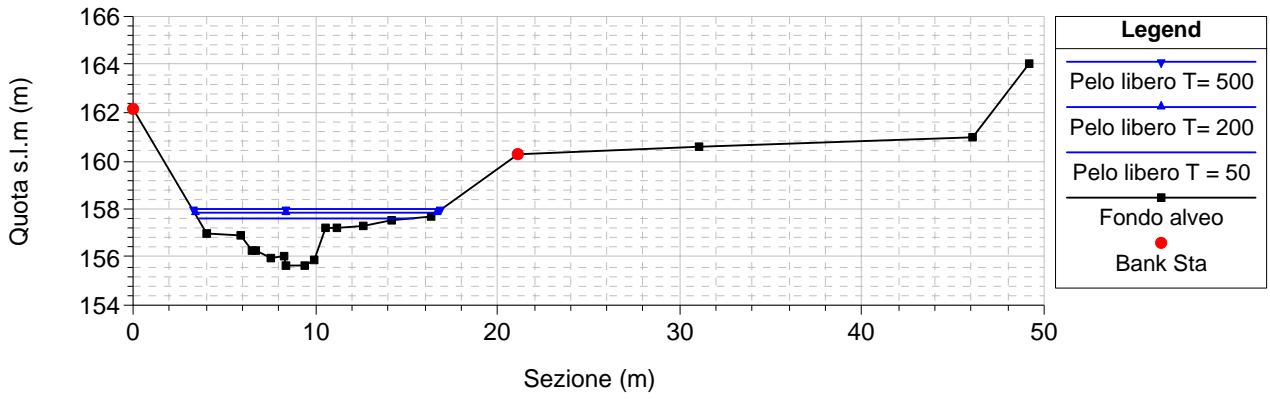
RS = 21



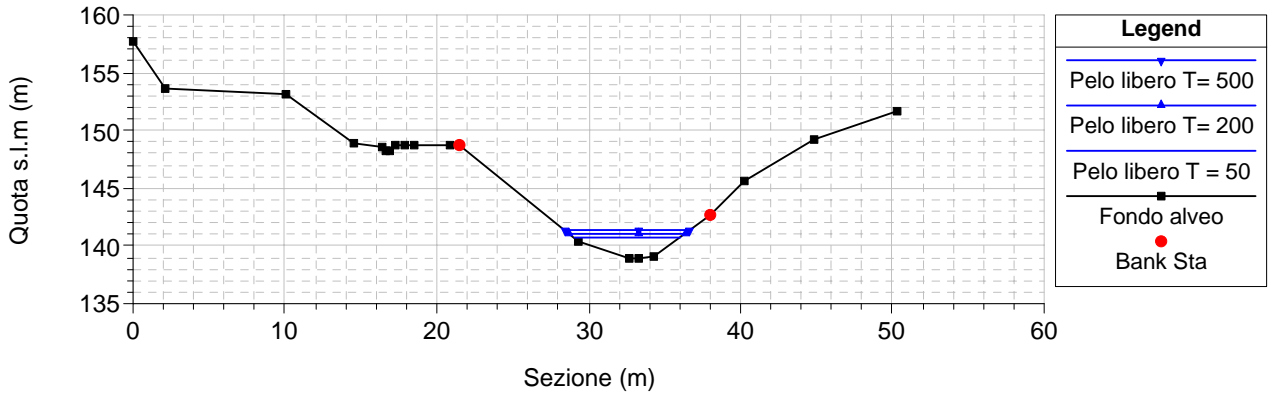
RS = 20.5 Culv



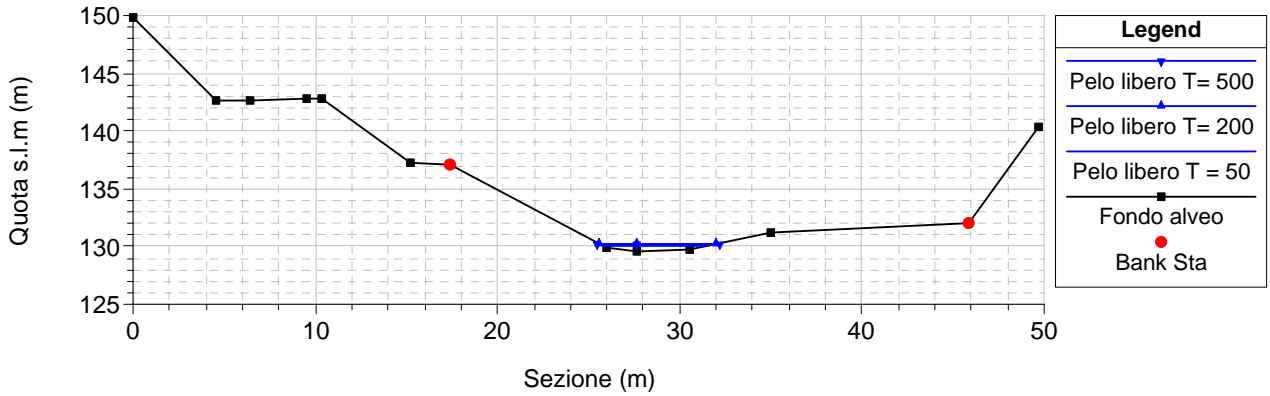
RS = 20



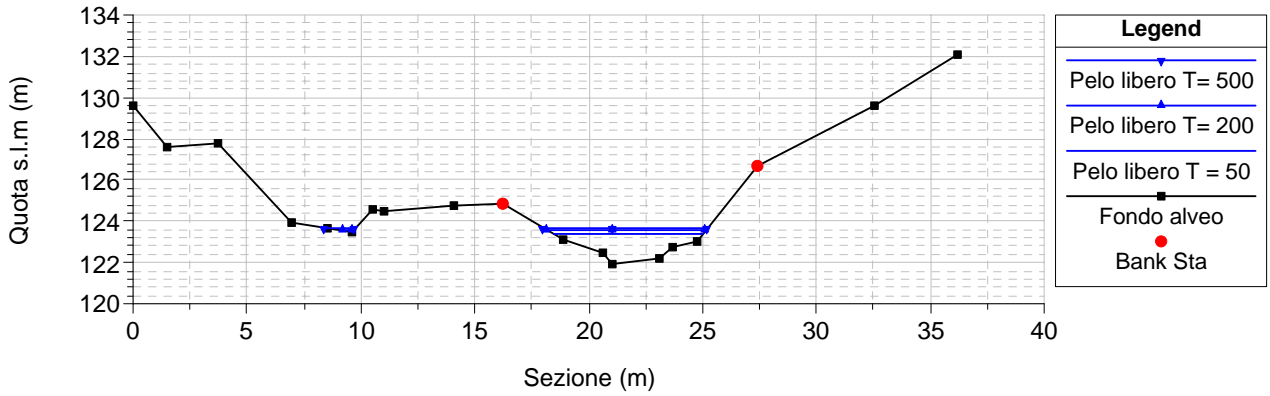
RS = 19



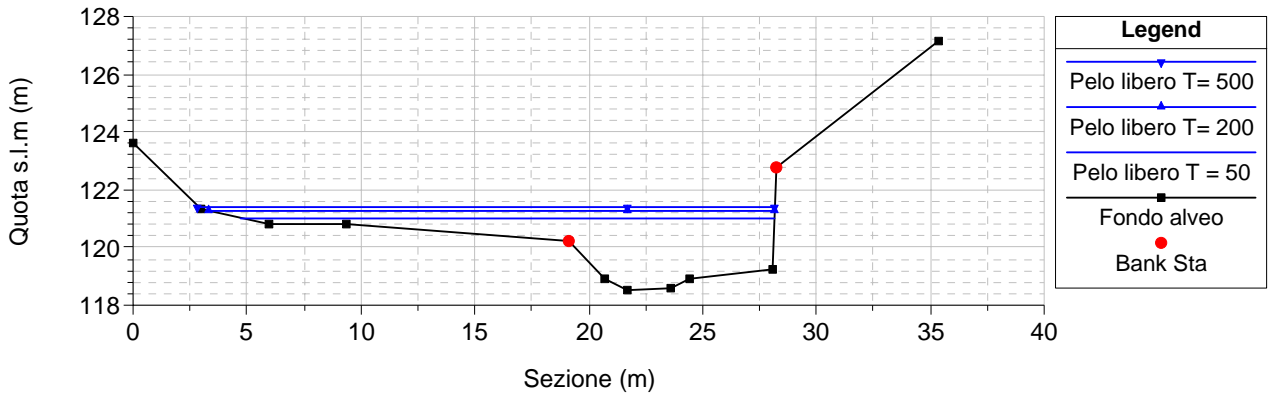
RS = 18



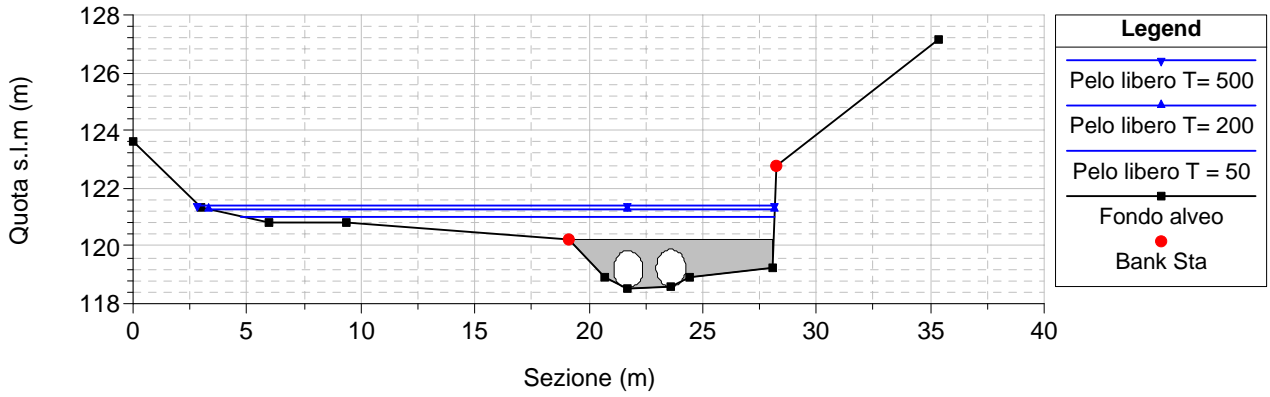
RS = 17



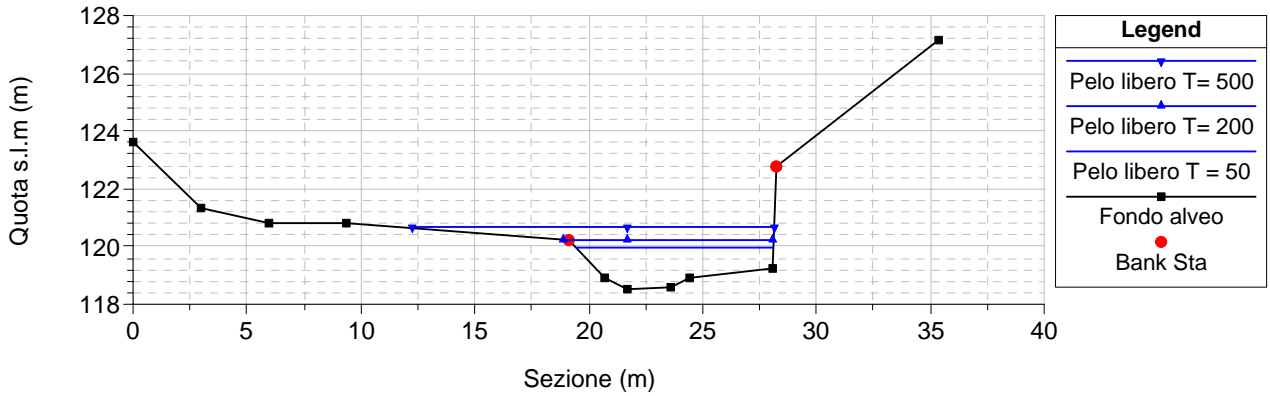
RS = 16



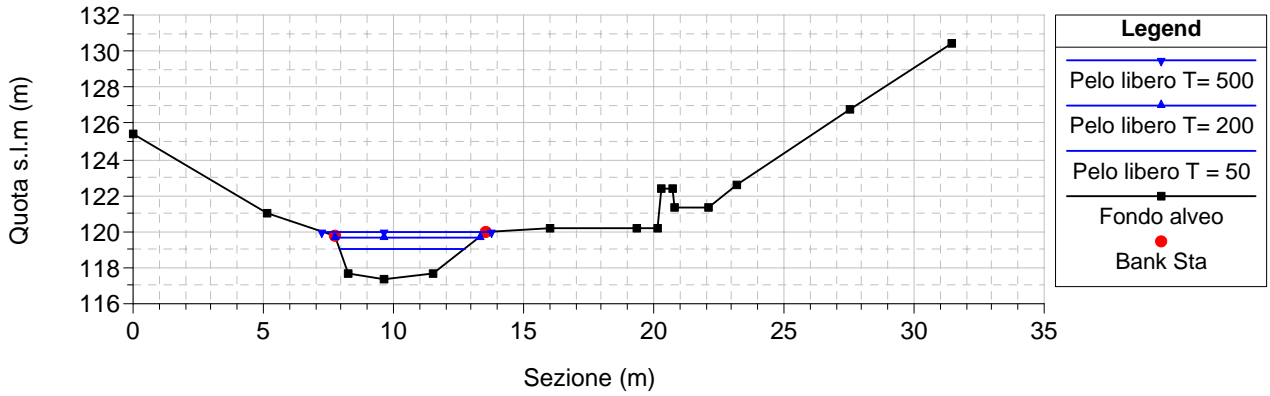
RS = 15.5 Culv



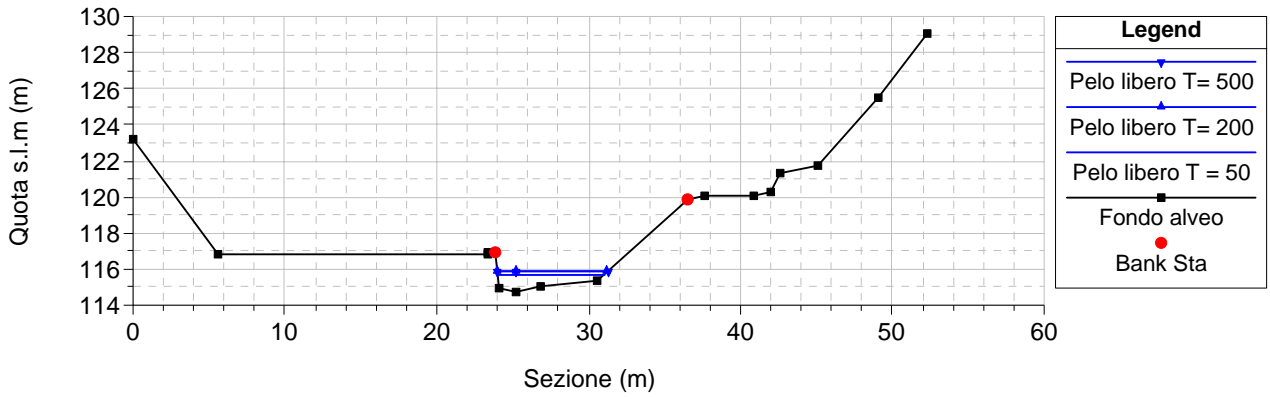
RS = 15



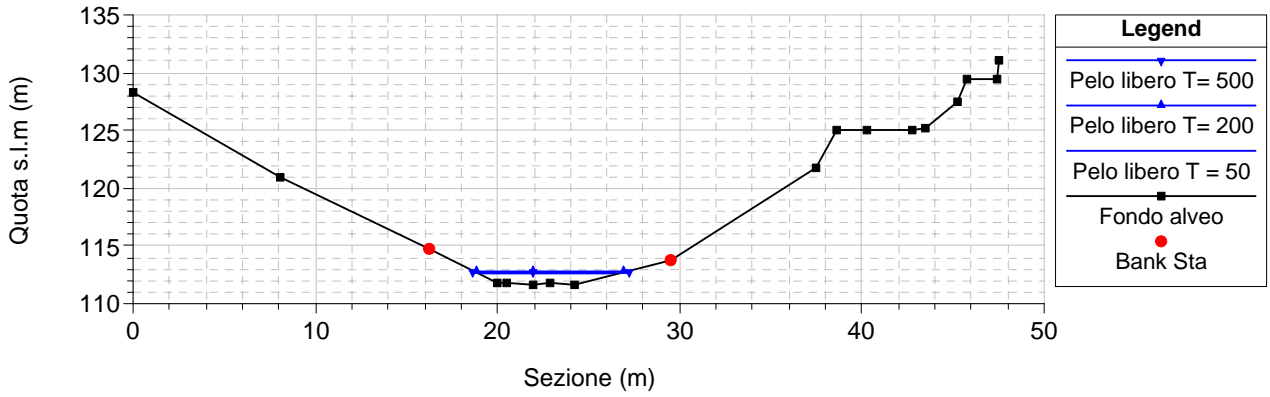
RS = 14



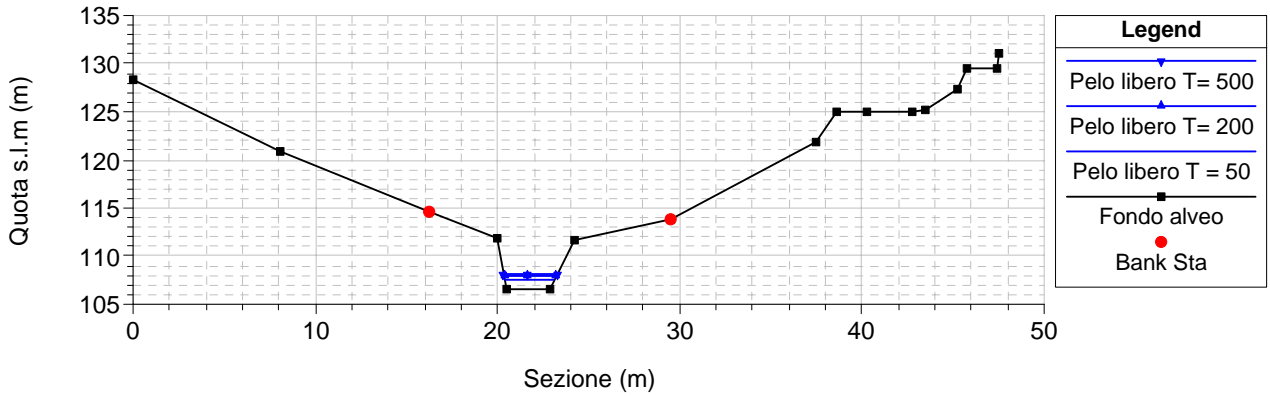
RS = 13



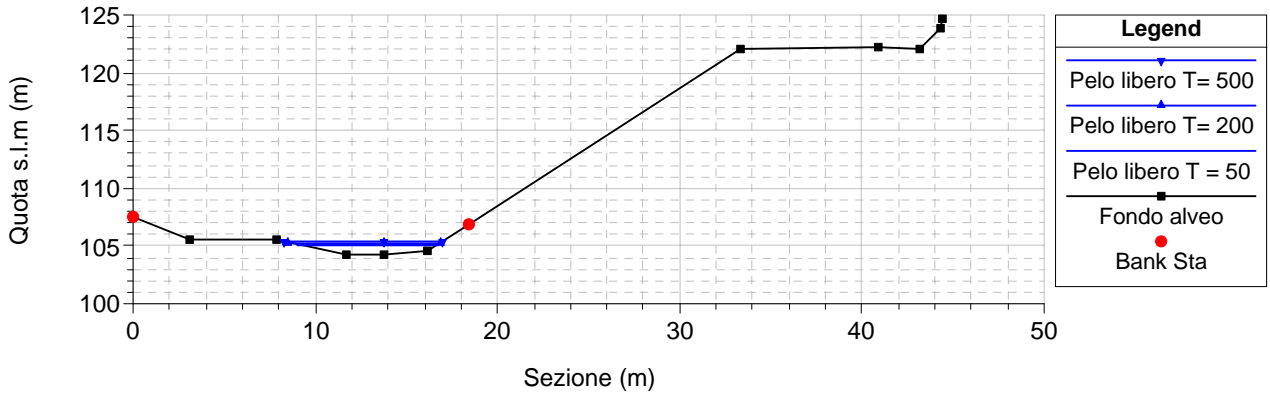
RS = 12



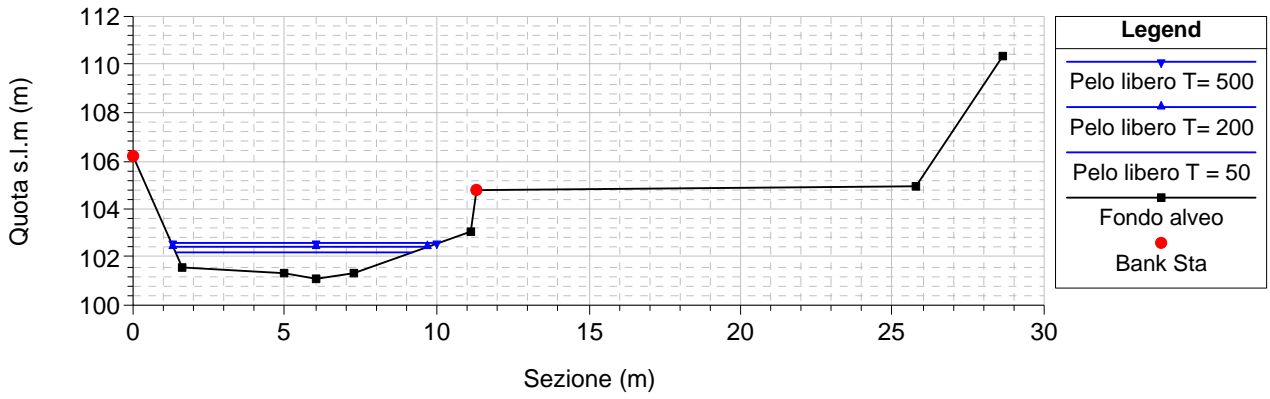
RS = 11



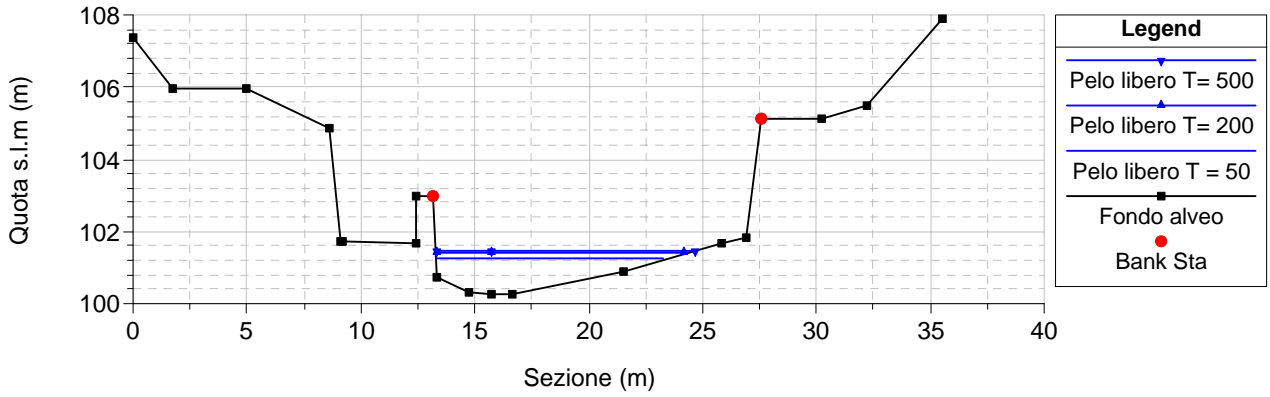
RS = 10



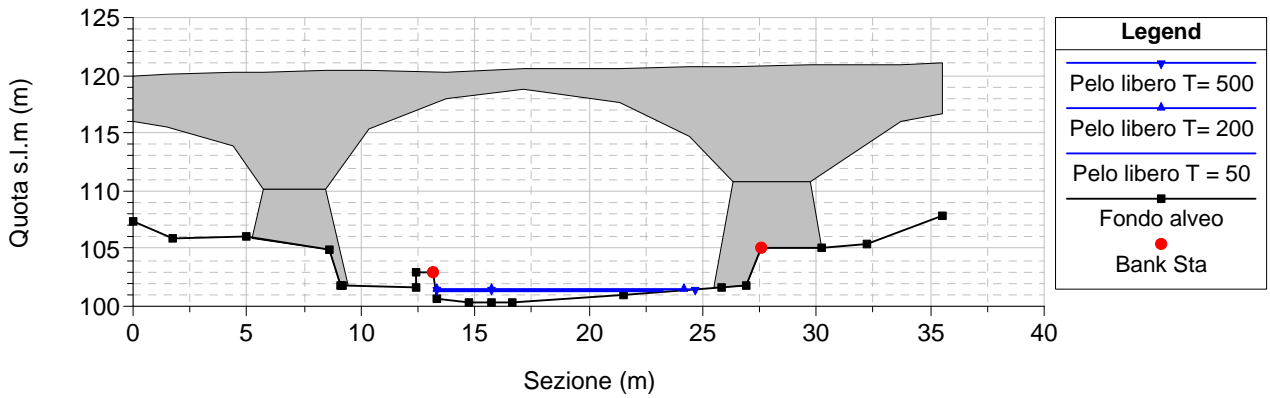
RS = 9



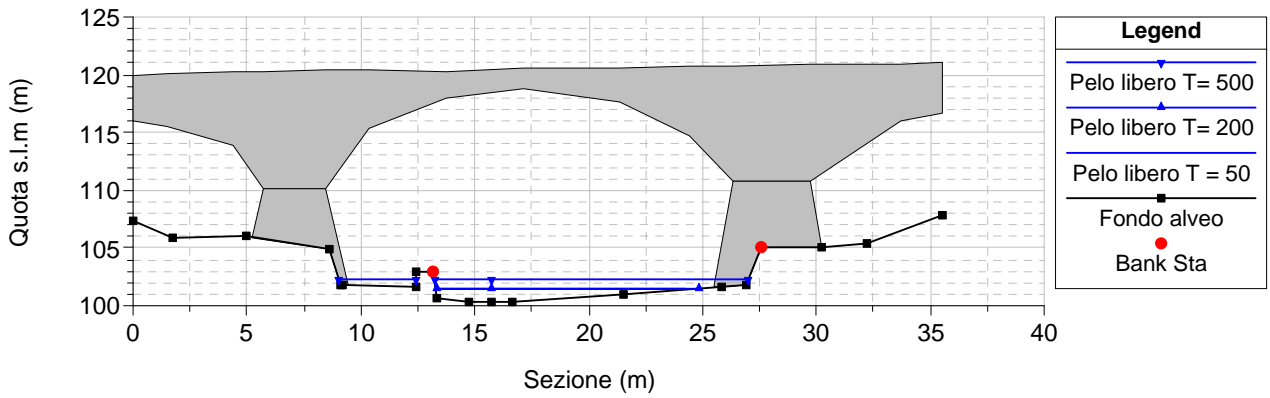
RS = 8



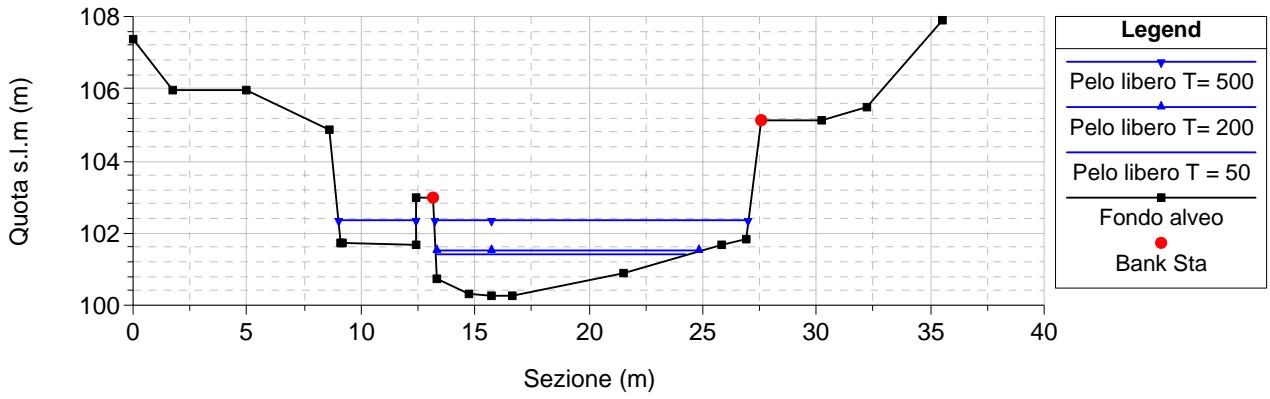
RS = 7.5 BR



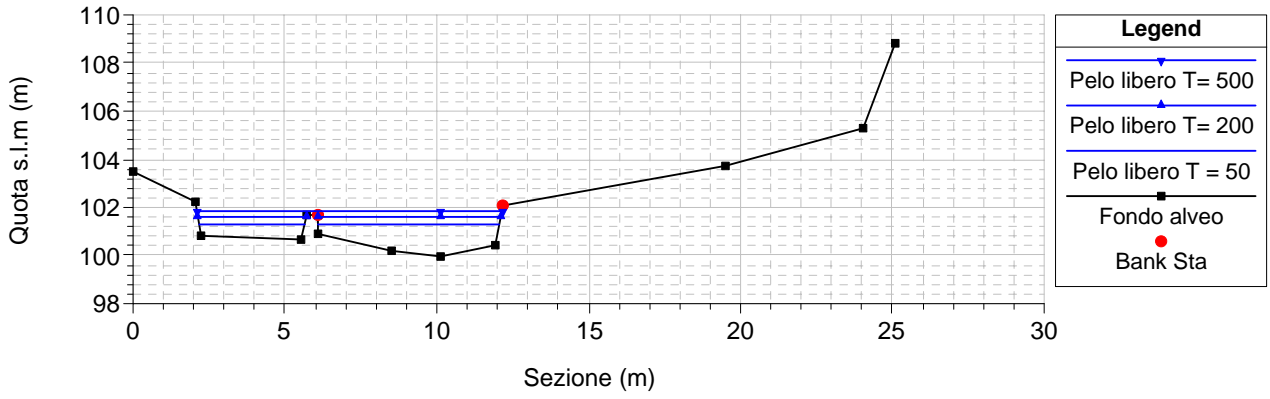
RS = 7.5 BR



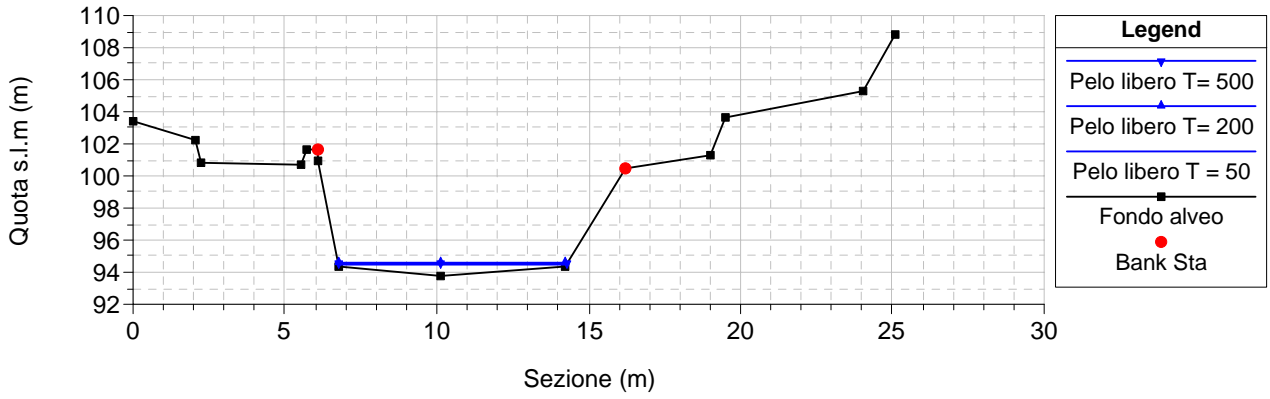
RS = 7



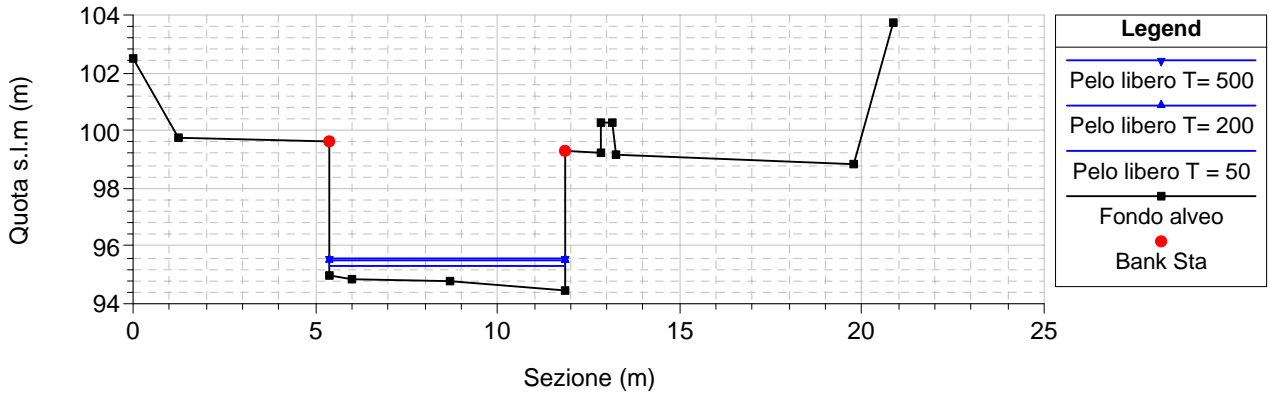
RS = 6



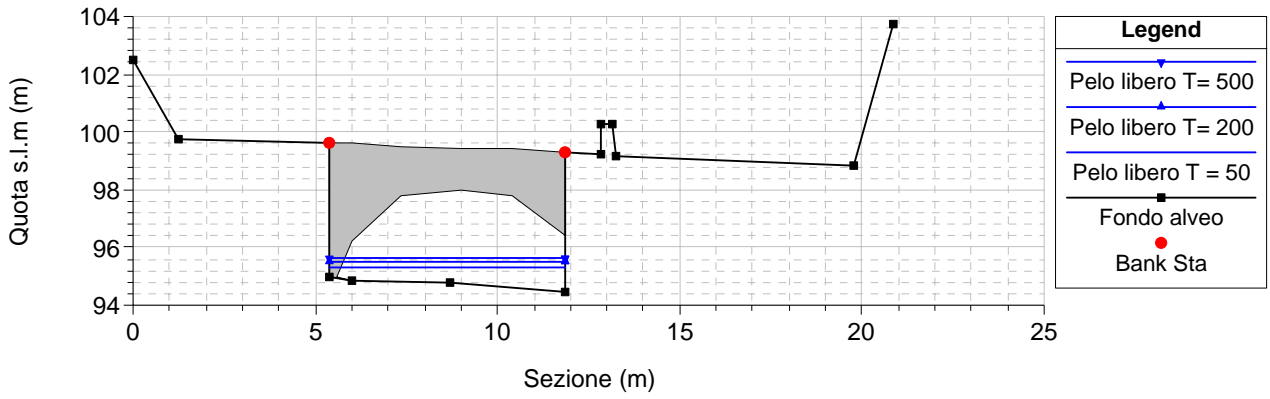
RS = 5



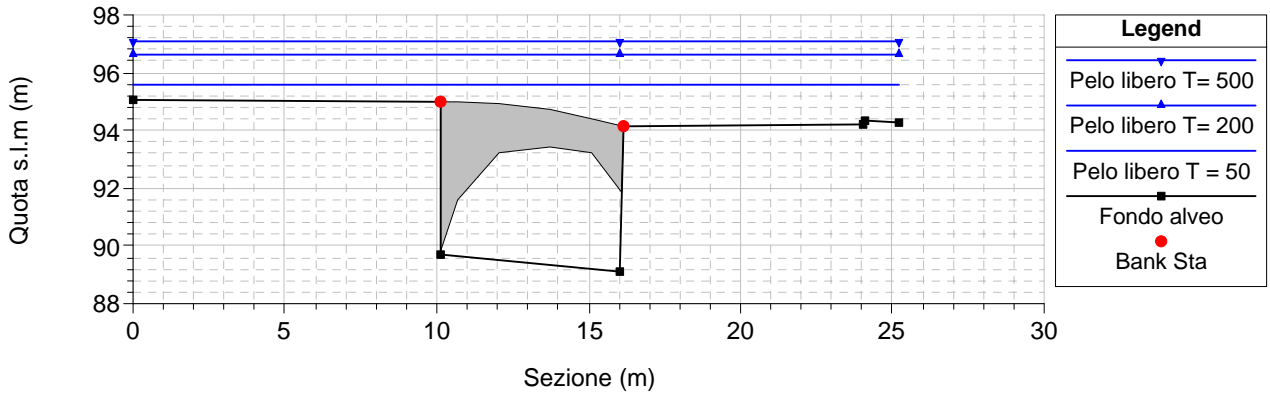
RS = 4



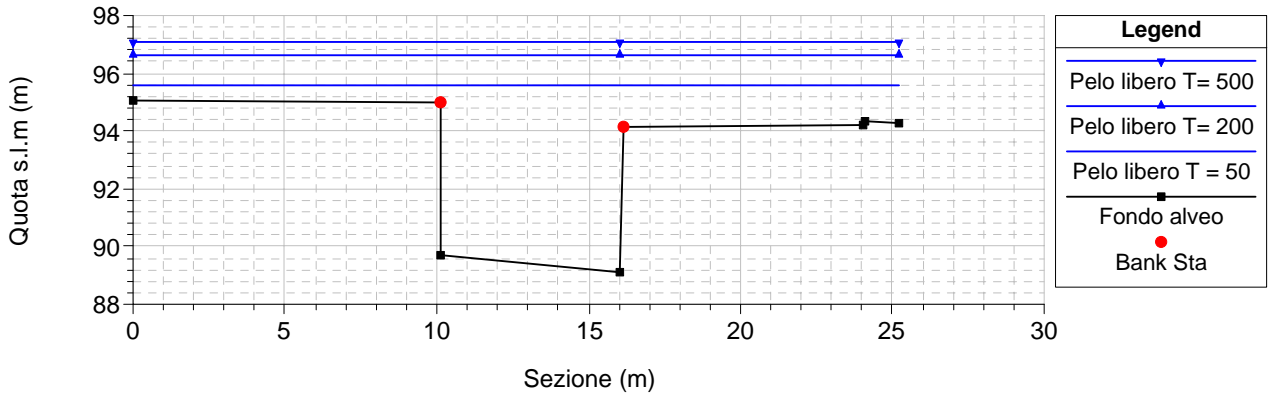
RS = 3.5 BR



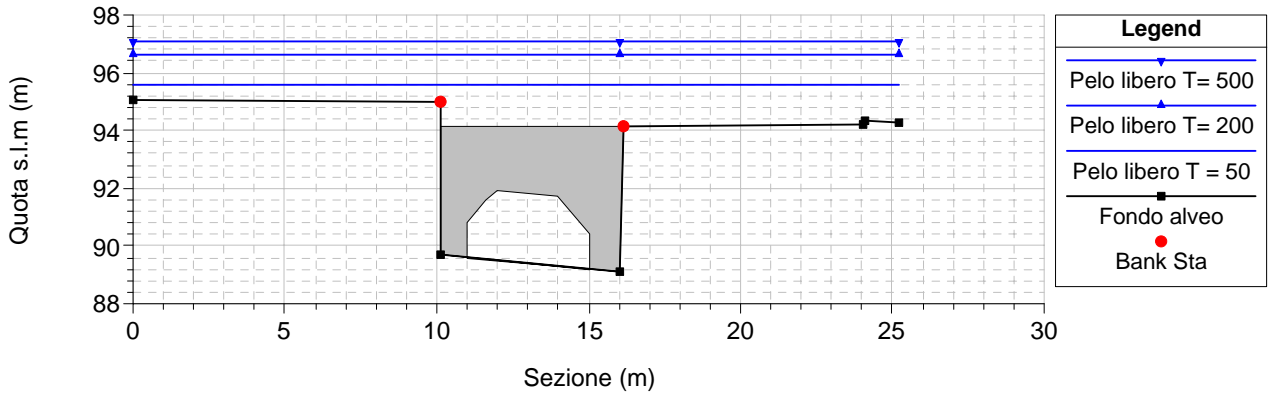
RS = 3.5 BR



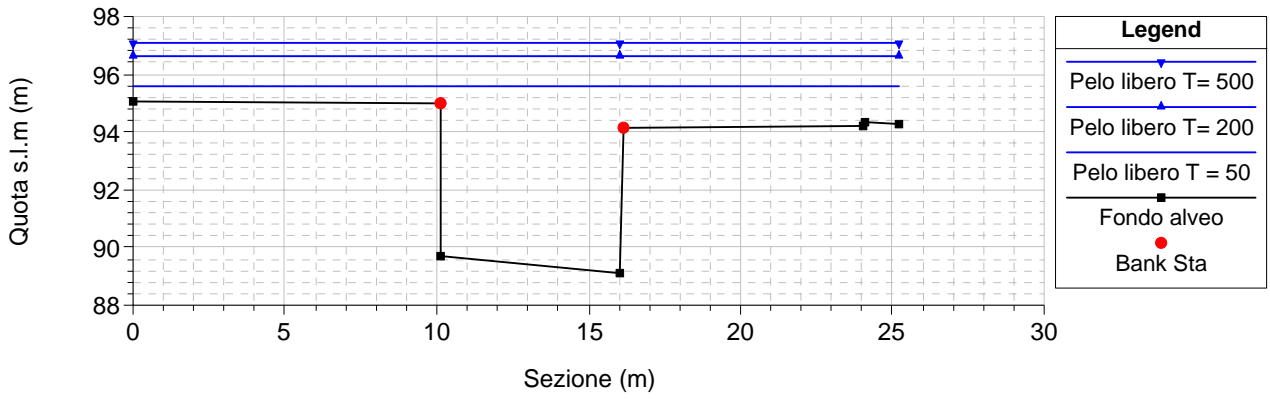
RS = 3



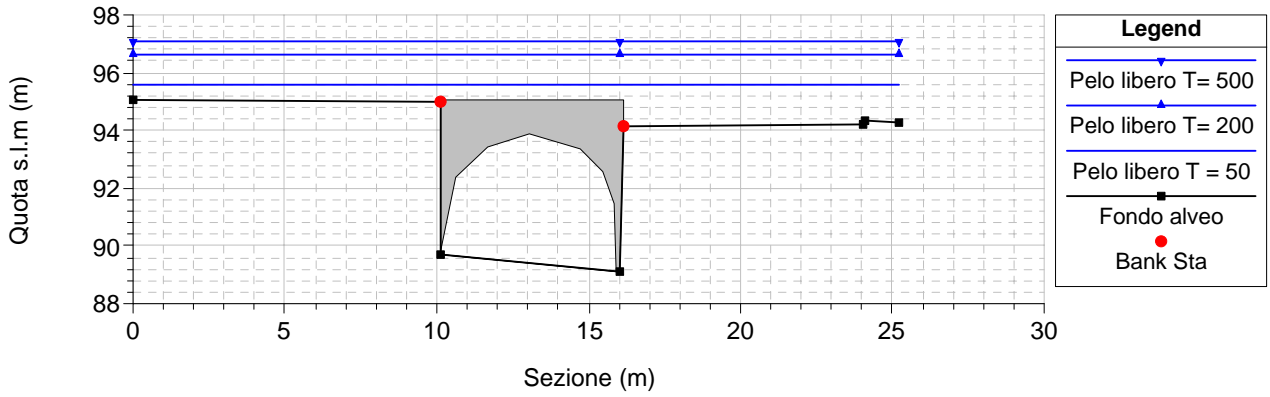
RS = 2.5 BR



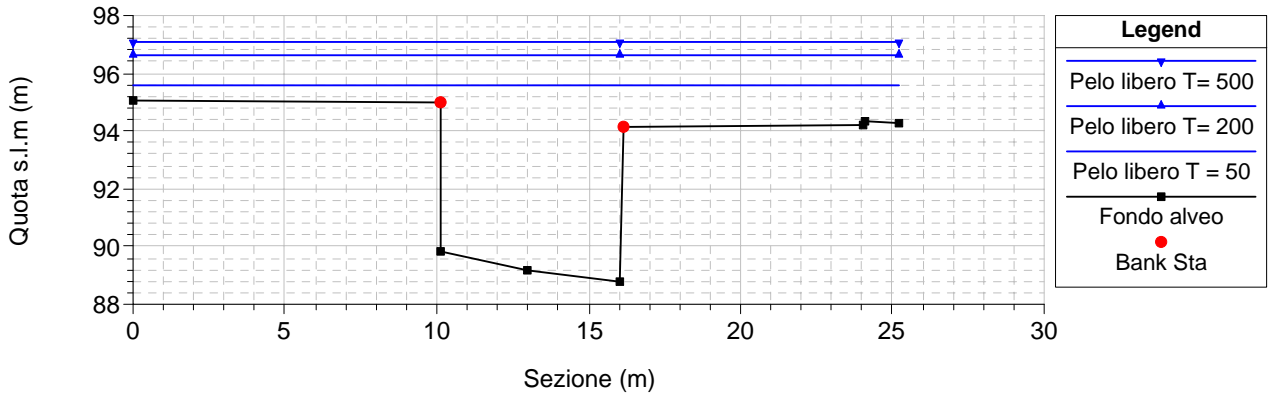
RS = 2



RS = 1.5 BR



RS = 1



**MODELLAZIONE IDRAULICA IN CONDIZIONI DI MOTO
PERMANENTE:
TABELLE DELLE GRANDEZZE IDRAULICHE SIGNIFICATIVE
PER LE PORTATE T=50, 200, 500 ANNI**

RIO LORIANO

Rio Lorianò T=50 anni

Sezioni	Portata totale (m ³ /s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m ²)	Velocità (m/s)	Area bagnata (m ²)	N° Froude
26	27	178.03	184.96	181.80	180.12	180.12	180.68	3.31	8.15	1.00
25	27	168.06	174.09	172.23	168.69	169.71	177.29	13.00	2.08	6.28
24	27	162.94	166.27	166.45	164.13	164.84	167.27	7.85	3.44	2.75
23.5	Culvert									
23	27	162.94	166.27	166.45	164.84		165.17	2.55	10.58	2.75
22	27	160.12	166.24	164.06	161.44	161.44	161.96	3.19	8.46	1.00
21	27	155.62	162.18	160.30	156.84	157.61	159.72	7.52	3.59	2.66
20.5	Culvert									
20	27	155.62	162.18	160.30	157.62		158.02	2.82	9.58	2.66
19	27	138.86	148.77	142.61	140.75	140.75	141.33	3.37	8.02	1.01
18	27	129.53	137.02	131.95	130.04	130.93	138.66	13.01	2.08	6.95
17	27	121.97	124.86	126.68	123.35	123.81	124.70	5.15	5.25	1.84
16	27	118.54	120.20	122.76	120.99	119.94	121.08	1.15	23.47	0.37
15.5	Culvert									
15	27	118.54	120.20	122.76	119.94	119.94	120.44	3.13	8.62	1.00
14	27	117.41	119.73	119.95	119.02	119.28	120.07	4.54	5.95	1.30
13	27	114.70	116.93	119.87	115.70	116.26	117.77	6.37	4.24	2.62
12	27	111.55	114.66	113.73	112.57	113.02	114.04	5.37	5.03	2.08
11	27	106.60	114.66	113.73	107.57	108.82	113.58	10.86	2.49	3.64
10	27	104.20	107.56	106.88	105.15	105.64	106.52	5.19	5.20	2.02
9	27	101.11	106.16	104.77	102.22	102.57	103.36	4.72	5.72	1.76
8	27	100.25	103.00	105.14	101.24	101.54	102.20	4.34	6.22	1.76
7.5	Bridge									
7	27	100.25	103.00	105.14	101.41	101.54	101.99	3.36	8.03	1.25
6	27	99.95	101.68	102.09	101.33	101.44	101.93	3.31	8.15	1.14
5	27	93.80	101.68	100.50	94.41	95.20	101.30	11.63	2.32	6.63
4	27	94.43	99.60	99.30	95.30	95.92	97.88	7.11	3.80	2.96
3.5	Bridge									
3	27	89.09	95.00	94.15	95.61	90.67	95.63	0.48	56.10	0.10
2.5	Bridge									
2	27	89.09	95.00	94.15	95.60	90.67	95.62	0.48	55.91	0.10
1.5	Bridge									
1	27	88.80	95.00	94.15	95.60	90.53	95.61	0.48	56.68	0.10

Rio Lorianò T=200 anni

Sezioni	Portata totale (m ³ /s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m ²)	Velocità (m/s)	Area bagnata (m ²)	N° Froude
26	39	178.03	184.96	181.80	180.48	180.48	181.12	3.56	10.95	1.00
25	39	168.06	174.09	172.23	168.86	170.06	177.90	13.33	2.93	5.61
24	39	162.94	166.27	166.45	164.34	165.03	168.36	8.88	4.39	2.89
23.5	Culvert									
23	39	162.94	166.27	166.45	165.02		165.45	2.88	13.56	2.89
22	39	160.12	166.24	164.06	161.75	161.75	162.38	3.52	11.08	1.00
21	39	155.62	162.18	160.30	157.10	157.86	160.16	7.76	5.03	2.80
20.5	Culvert									
20	39	155.62	162.18	160.30	157.85		158.34	3.09	12.64	2.80
19	39	138.86	148.77	142.61	141.10	141.10	141.79	3.69	10.58	1.01
18	39	129.53	137.02	131.95	130.18	131.22	139.19	13.30	2.93	6.27
17	39	121.97	124.86	126.68	123.55	124.14	125.32	5.88	6.63	1.99
16	39	118.54	120.20	122.76	121.25	120.22	121.36	1.32	29.64	0.38
15.5	Culvert									
15	39	118.54	120.20	122.76	120.22	120.22	120.85	3.52	11.09	1.02
14	39	117.41	119.73	119.95	119.65	119.71	120.57	4.24	9.21	1.05
13	39	114.70	116.93	119.87	115.84	116.57	118.71	7.50	5.20	2.82
12	39	111.55	114.66	113.73	112.76	113.32	114.61	6.03	6.46	2.16
11	39	106.60	114.66	113.73	107.94	109.39	114.17	11.06	3.53	3.18
10	39	104.20	107.56	106.88	105.30	105.85	107.15	6.01	6.49	2.18
9	39	101.11	106.16	104.77	102.44	102.87	103.83	5.22	7.47	1.76
8	39	100.25	103.00	105.14	101.39	101.83	102.66	4.99	7.82	1.88
7.5	Bridge									
7	39	100.25	103.00	105.14	101.51	101.83	102.43	4.24	9.20	1.52
6	39	99.95	101.68	102.09	101.59	101.73	102.32	3.67	10.64	1.11
5	39	93.80	101.68	100.50	94.54	95.50	101.68	11.83	3.30	5.68
4	39	94.43	99.60	99.30	95.47	96.26	98.70	7.96	4.90	2.92
3.5	Bridge									
3	39	89.09	95.00	94.15	96.61	91.03	96.62	0.48	81.17	0.09
2.5	Bridge									
2	39	89.09	95.00	94.15	96.60	91.03	96.61	0.48	81.07	0.09
1.5	Bridge									
1	39	88.80	95.00	94.15	96.60	90.89	96.61	0.48	81.88	0.08

Rio Lorianò T=500 anni

Sezioni	Portata totale (m3/s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m2)	Velocità (m/s)	Area bagnata (m2)	N° Froude
26	47	178.03	184.96	181.80	180.68	180.68	181.38	3.70	12.70	1.00
25	47	168.06	174.09	172.23	168.97	170.27	178.23	13.49	3.49	5.31
24	47	162.94	166.27	166.45	164.61	165.14	166.94	6.77	6.95	3.22
23.5	Culvert									
23	47	162.94	166.27	166.45	165.14		165.61	3.04	15.44	3.22
22	47	160.12	166.24	164.06	161.94	161.94	162.63	3.69	12.73	1.00
21	47	155.62	162.18	160.30	157.24	157.99	160.43	7.92	5.94	2.83
20.5	Culvert									
20	47	155.62	162.18	160.30	157.99		158.53	3.26	14.44	2.83
19	47	138.86	148.77	142.61	141.30	141.30	142.06	3.84	12.23	1.00
18	47	129.53	137.02	131.95	130.27	131.46	139.52	13.48	3.49	5.98
17	47	121.97	124.86	126.68	123.67	124.30	125.68	6.22	7.56	2.12
16	47	118.54	120.20	122.76	121.41	120.45	121.53	1.40	33.58	0.39
15.5	Culvert									
15	47	118.54	120.20	122.76	120.65	120.45	121.11	2.85	16.50	0.89
14	47	117.41	119.73	119.95	119.98	119.98	120.90	4.23	11.10	1.04
13	47	114.70	116.93	119.87	115.93	116.76	119.18	7.98	5.89	2.85
12	47	111.55	114.66	113.73	112.86	113.49	114.97	6.44	7.29	2.23
11	47	106.60	114.66	113.73	108.18	109.74	114.55	11.18	4.20	2.99
10	47	104.20	107.56	106.88	105.39	105.97	107.53	6.48	7.26	2.27
9	47	101.11	106.16	104.77	102.56	103.05	104.11	5.50	8.54	1.77
8	47	100.25	103.00	105.14	101.48	101.96	102.93	5.34	8.81	1.93
7.5	Bridge									
7	47	100.25	103.00	105.14	102.36	101.96	102.59	2.08	22.61	0.58
6	47	99.95	101.68	102.09	101.87	101.88	102.53	3.50	13.41	0.97
5	47	93.80	101.68	100.50	94.63	95.69	101.87	11.92	3.94	5.25
4	47	94.43	99.60	99.30	95.59	96.47	99.14	8.35	5.63	2.86
3.5	Bridge									
3	47	89.09	95.00	94.15	97.11	91.25	97.12	0.50	93.76	0.08
2.5	Bridge									
2	47	89.09	95.00	94.15	97.10	91.25	97.12	0.50	93.67	0.08
1.5	Bridge									
1	47	88.80	95.00	94.15	97.10	91.10	97.11	0.50	94.49	0.08