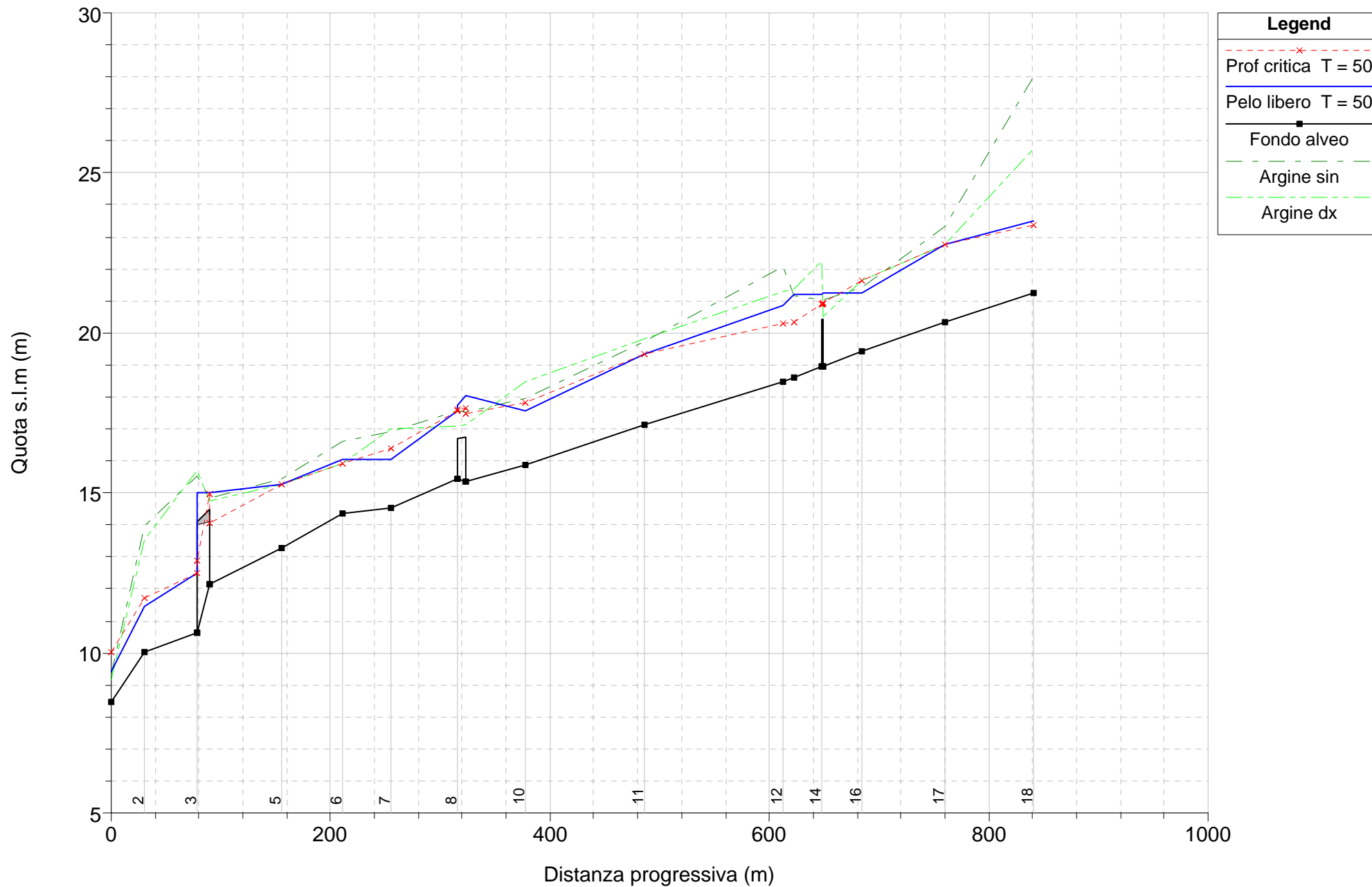


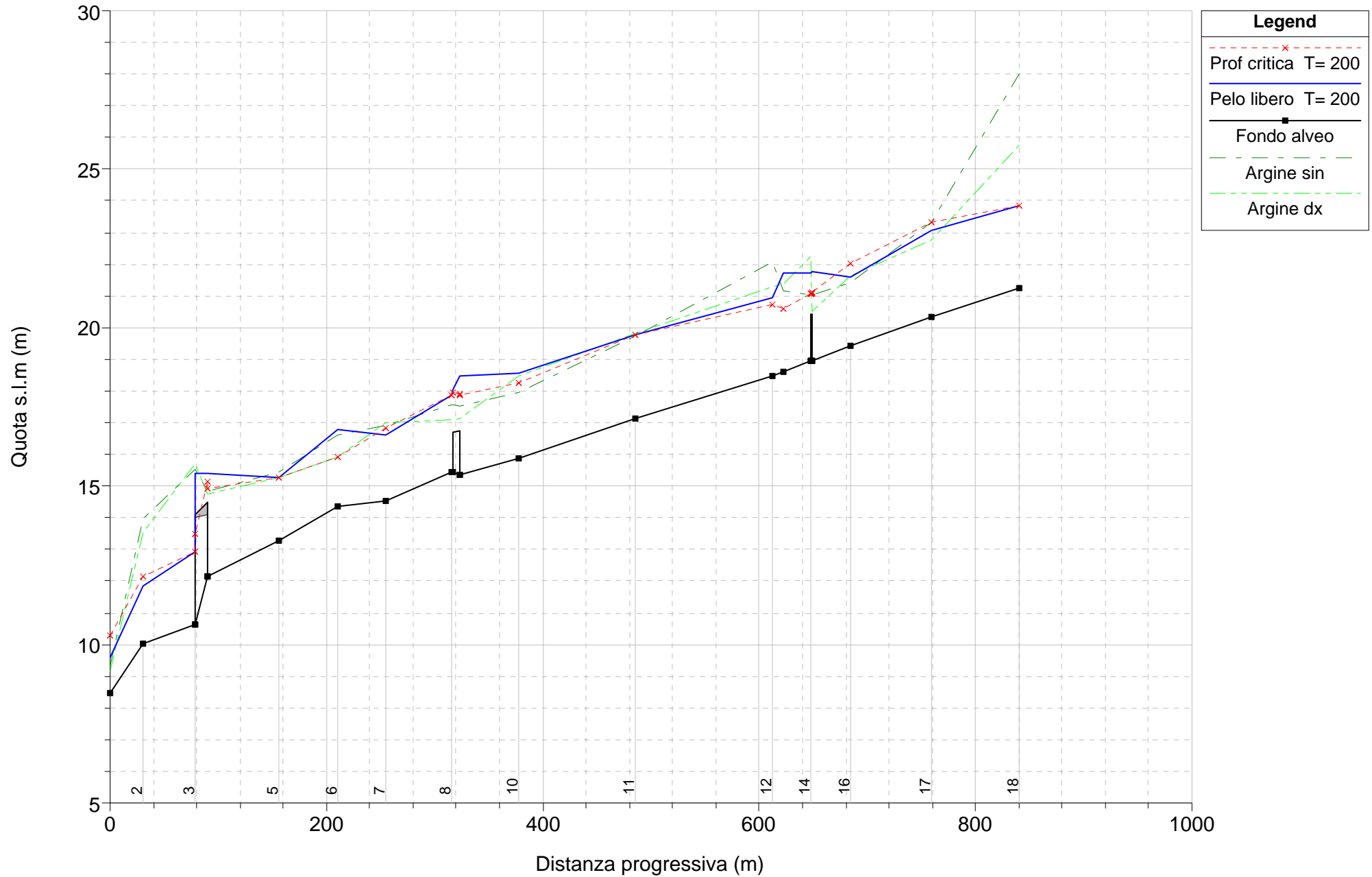
**PROFILI DI RIGURGITO IN CONDIZIONI DI MOTO
PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI**

RIO BURAXE

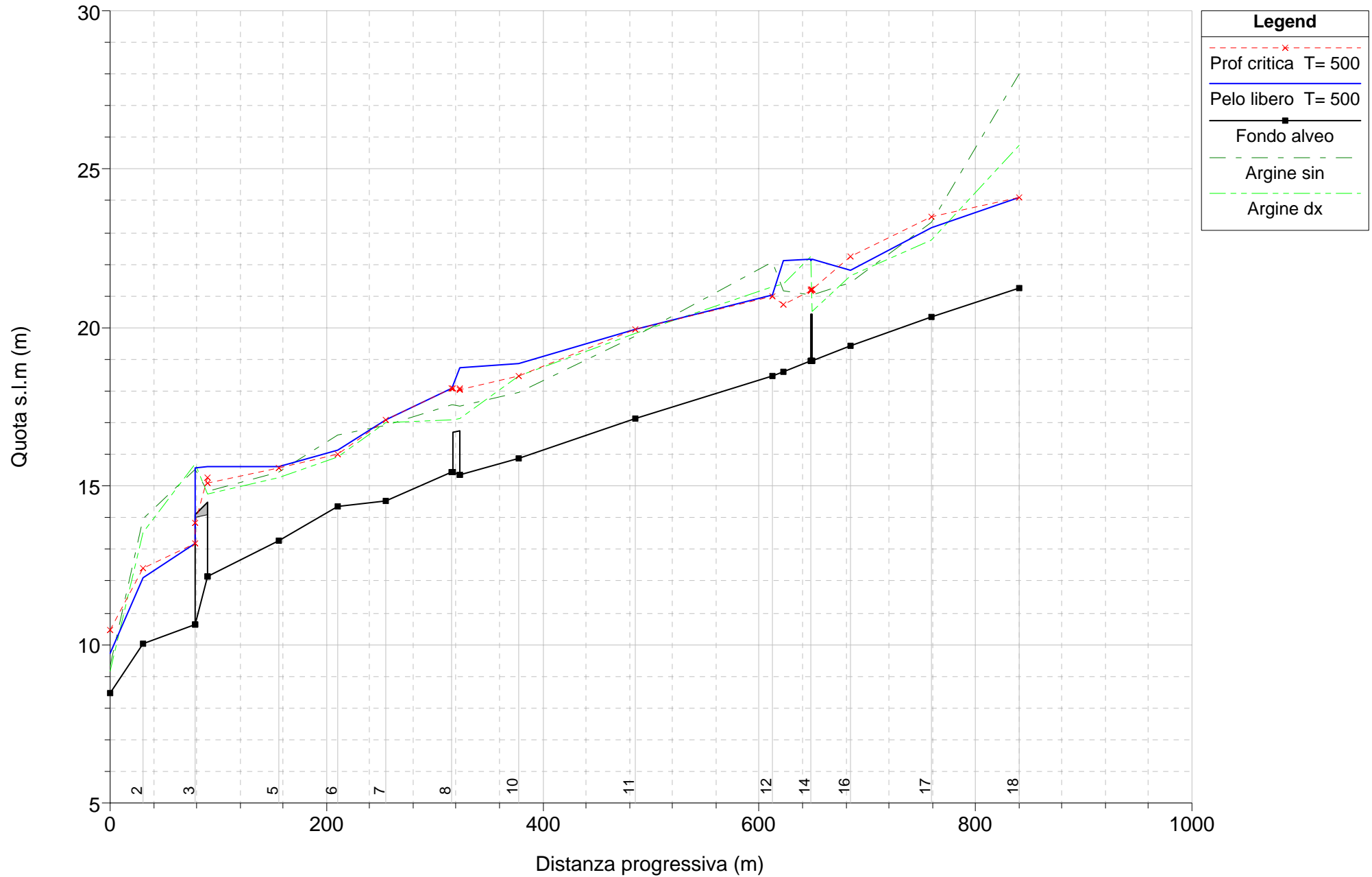
Rio Buraxe – profilo longitudinale di moto permanente T=50 anni



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



Rio Buraxe – 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**

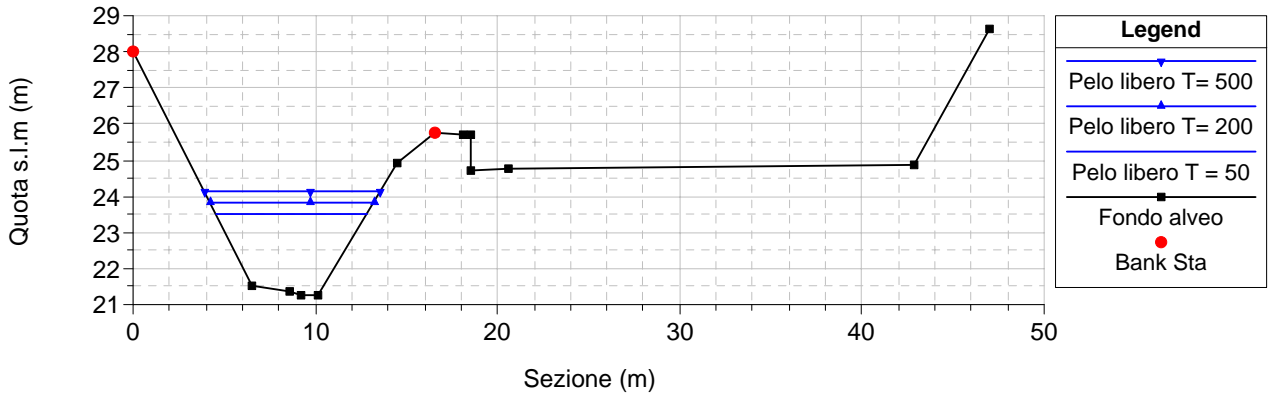
RIO BURAXE

DALLA SEZ. 18
ALLA SEZ. 1

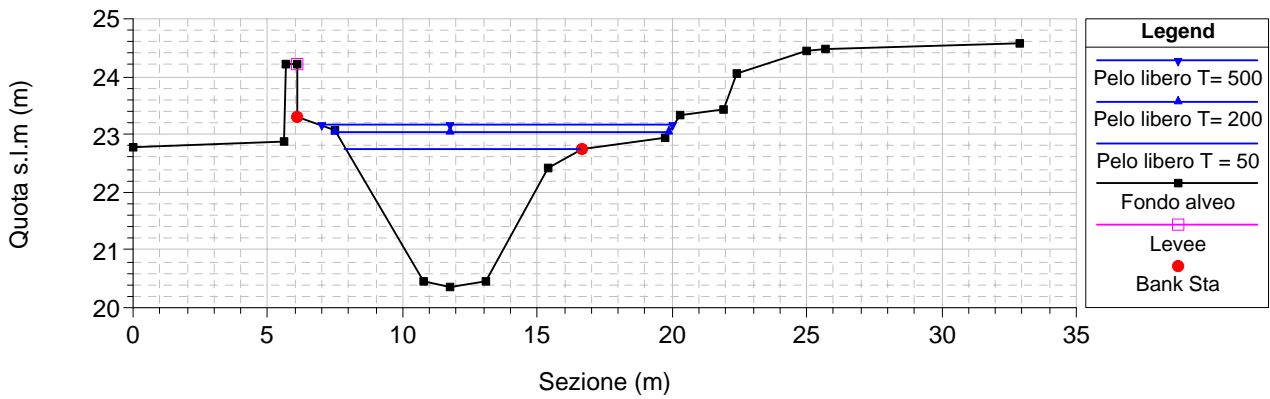
RIO BURAXE

Sezioni trasversali

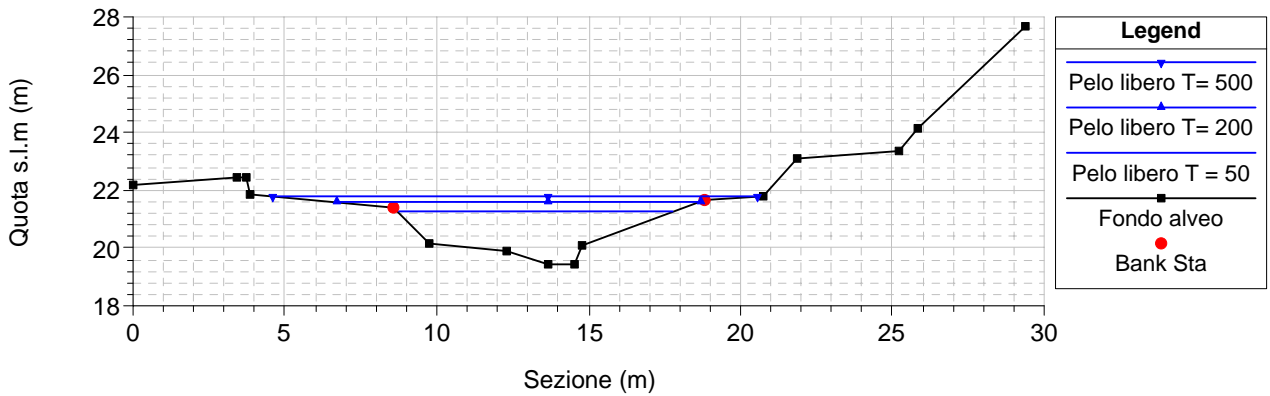
RS = 18



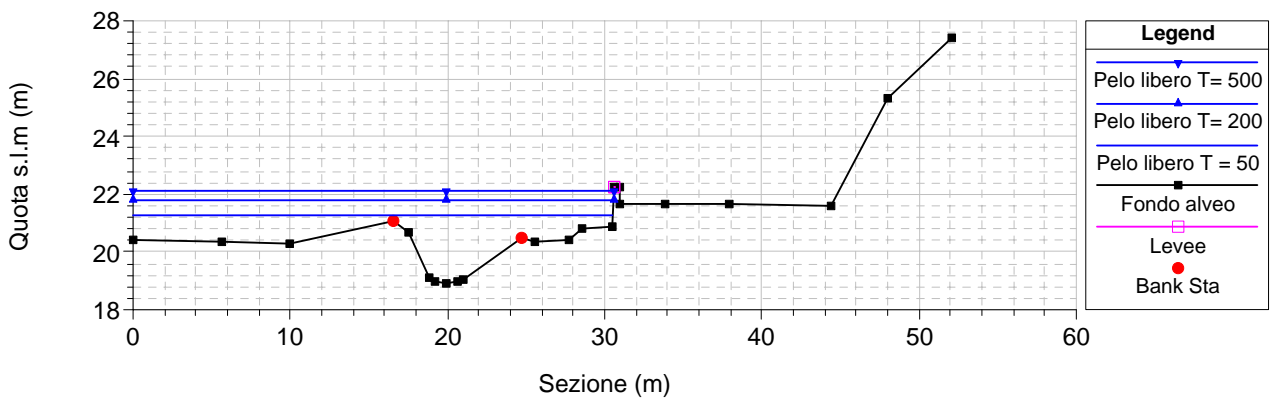
RS = 17



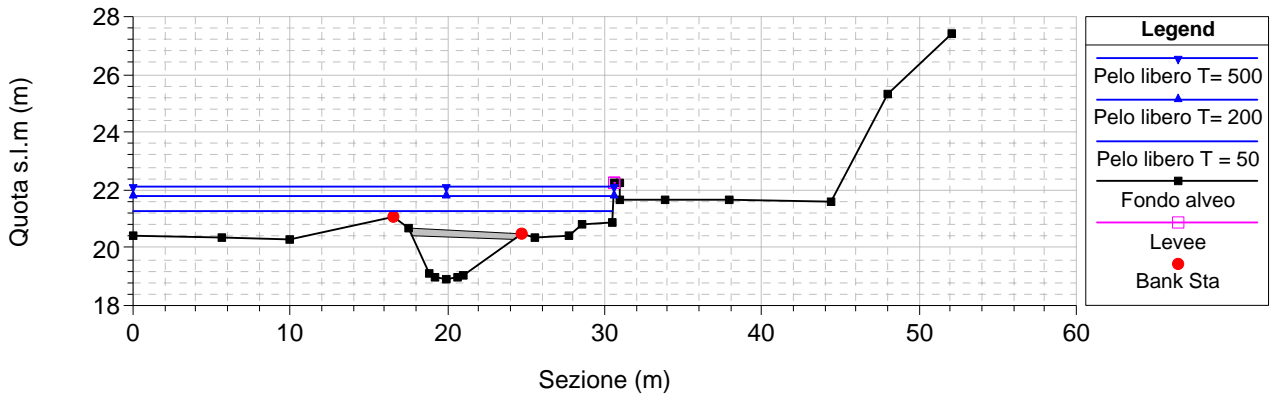
RS = 16



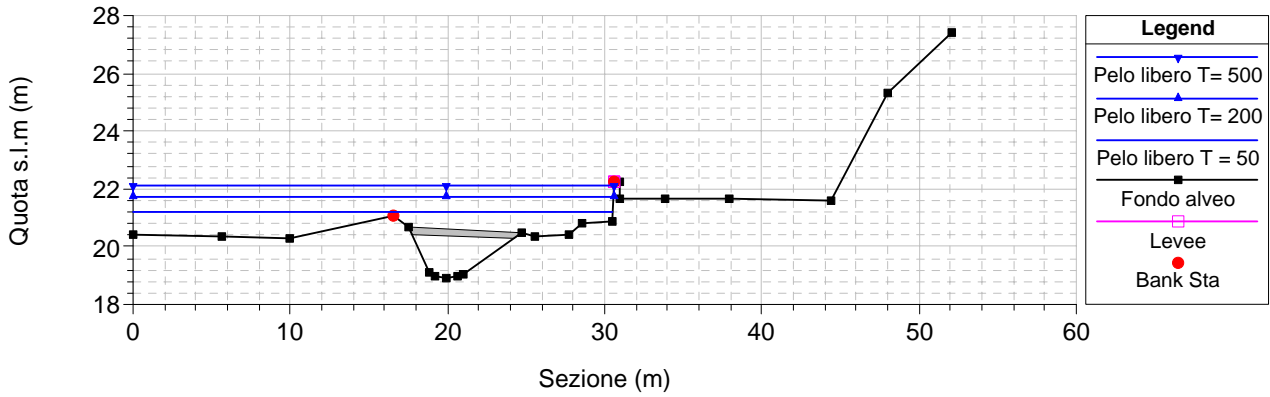
RS = 15



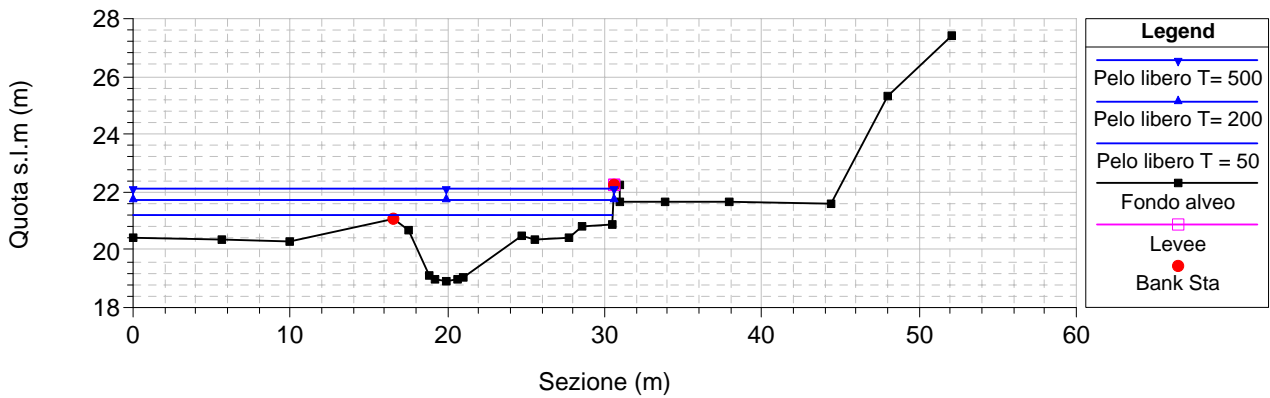
RS = 14.5 BR



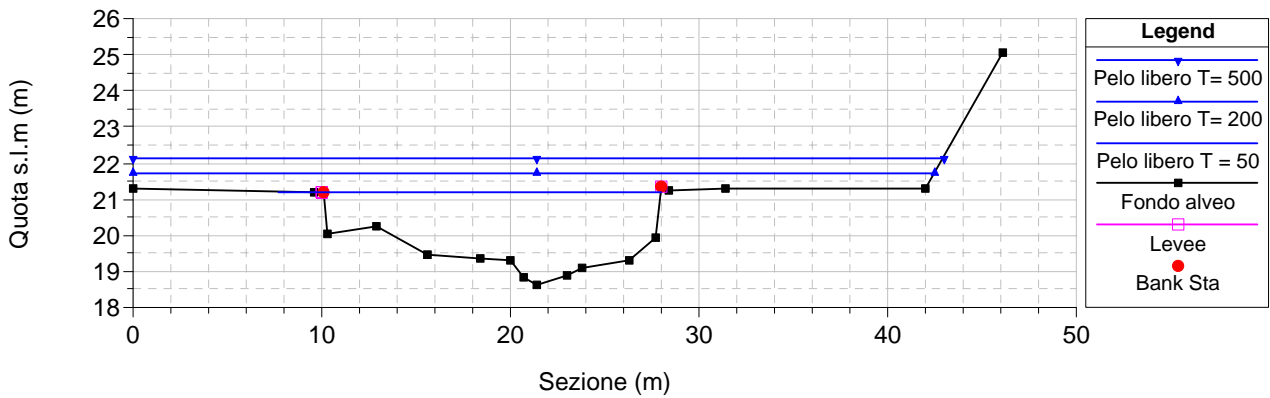
RS = 14.5 BR



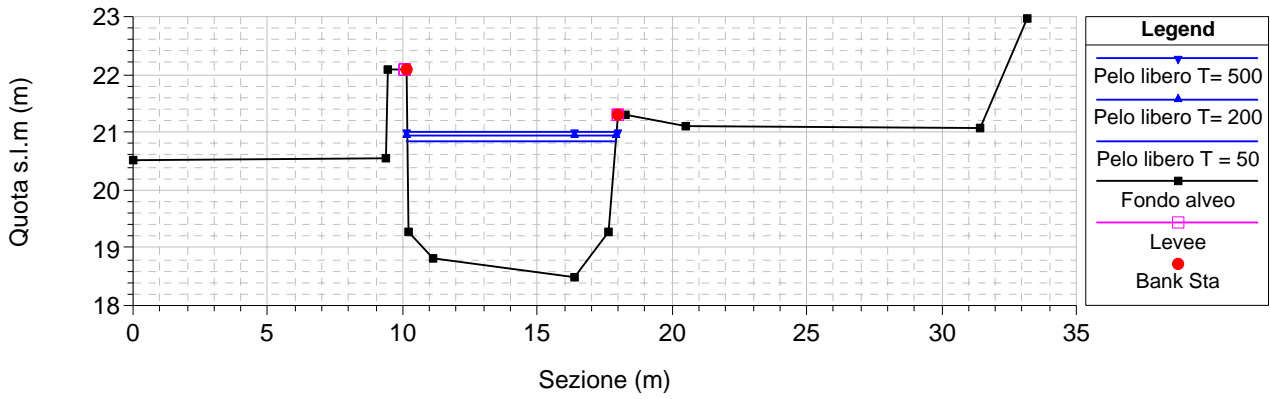
RS = 14



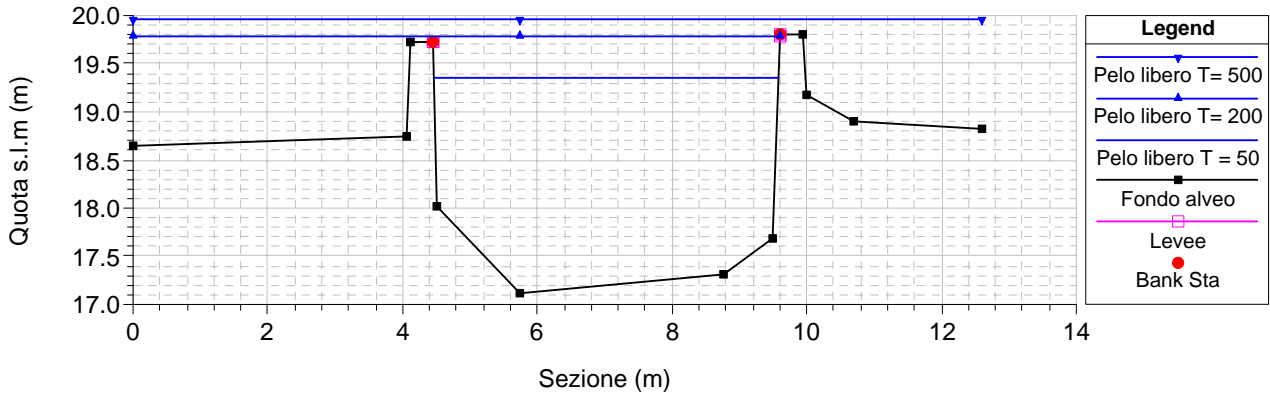
RS = 13



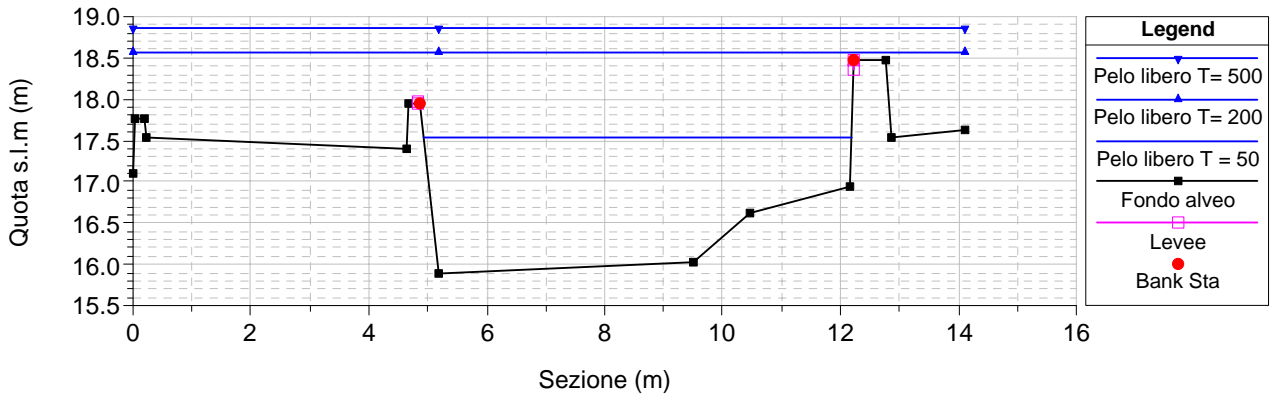
RS = 12



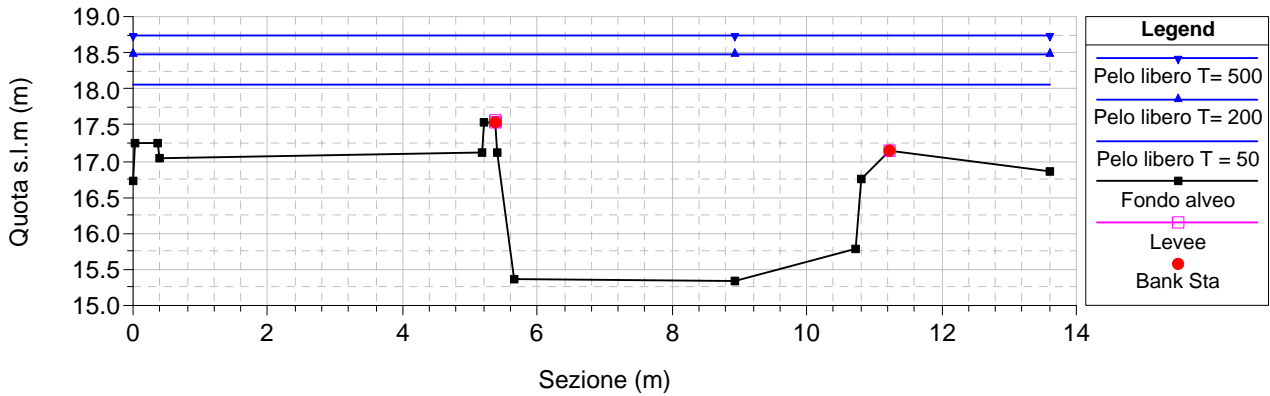
RS = 11



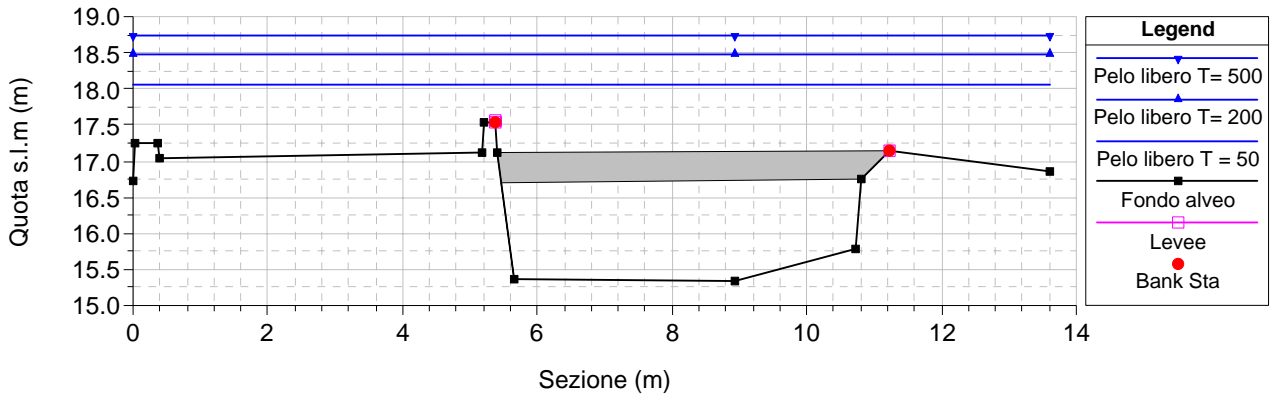
RS = 10



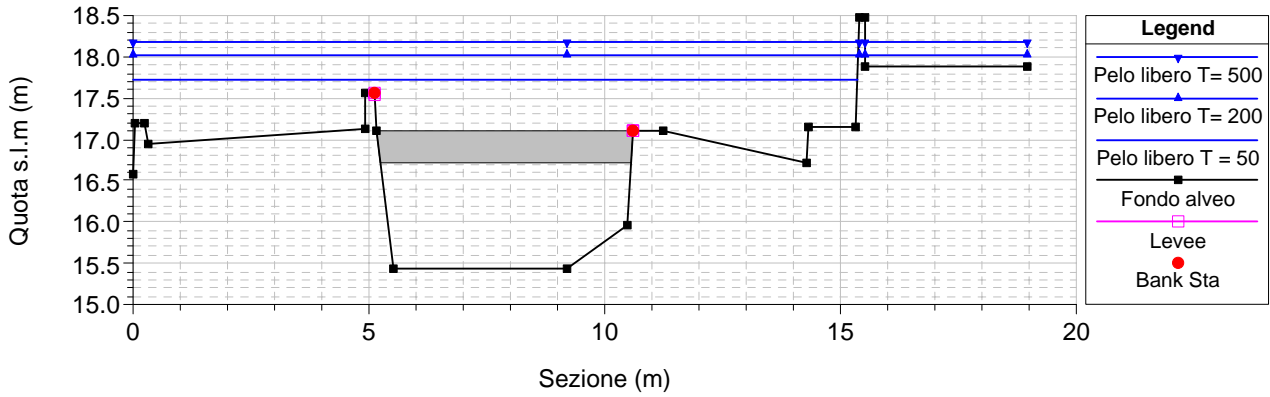
RS = 9



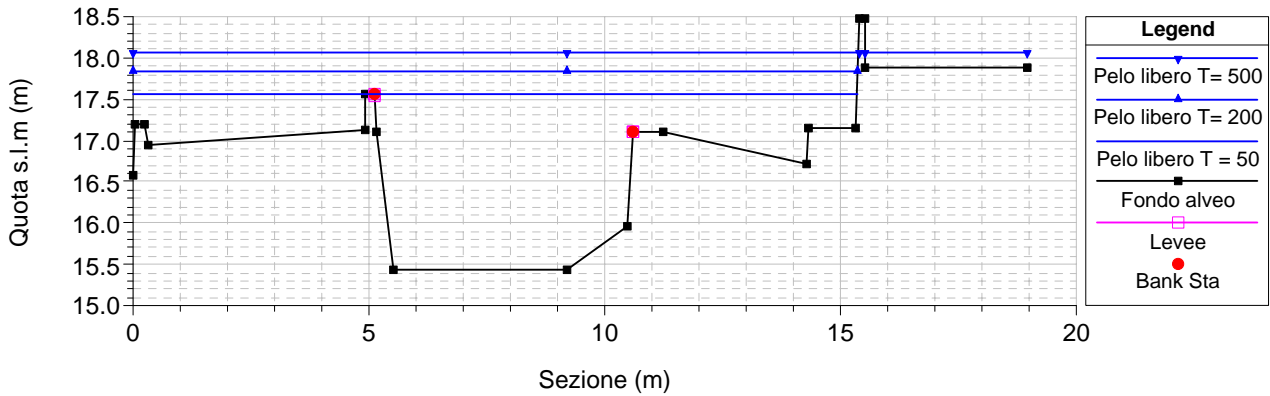
RS = 8.5 BR



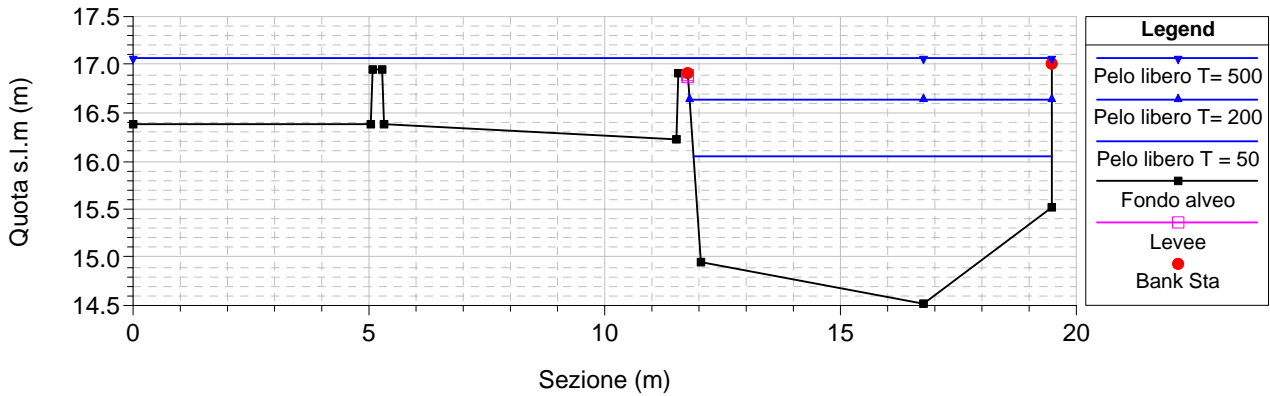
RS = 8.5 BR



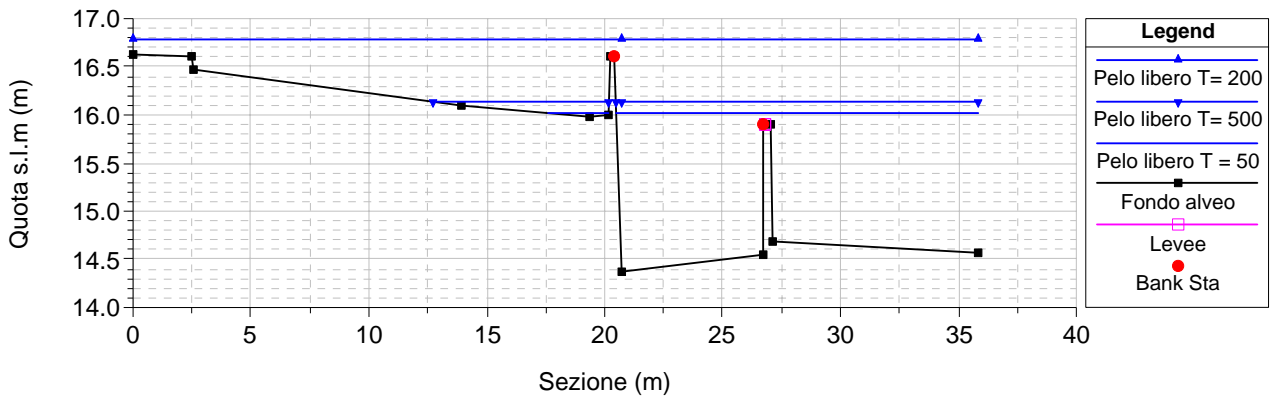
RS = 8



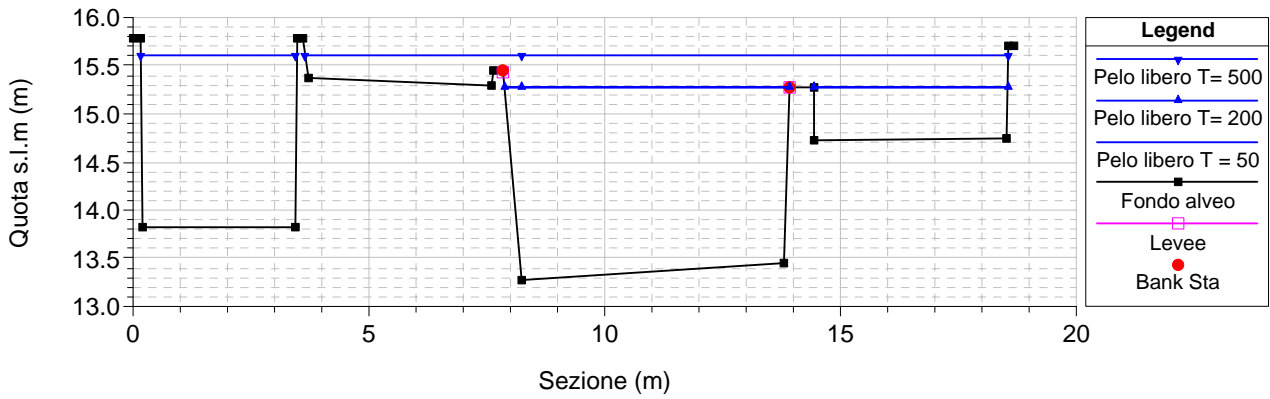
RS = 7



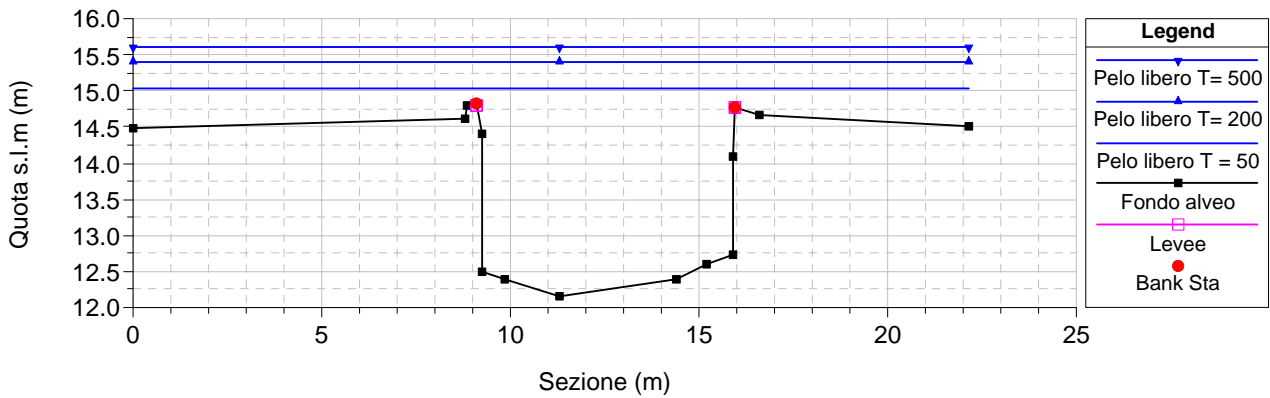
RS = 6



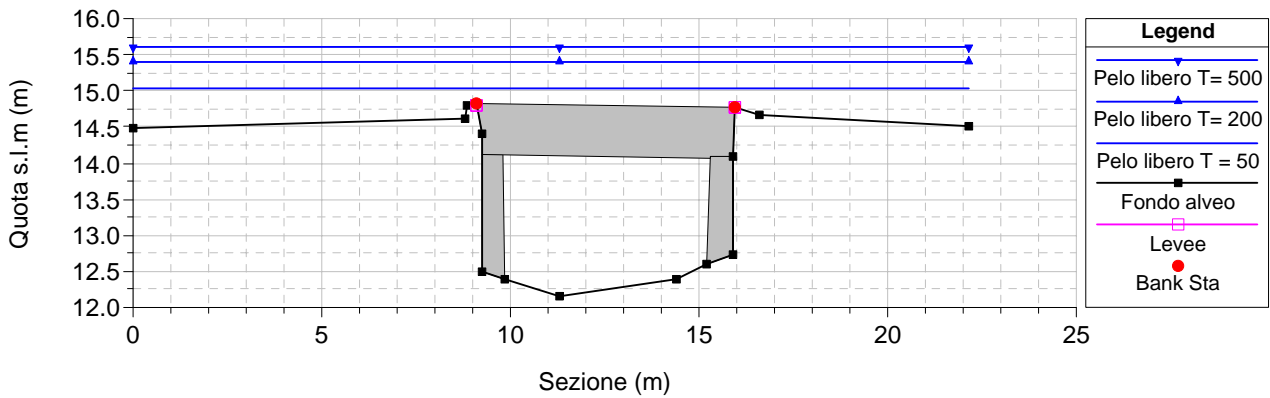
RS = 5



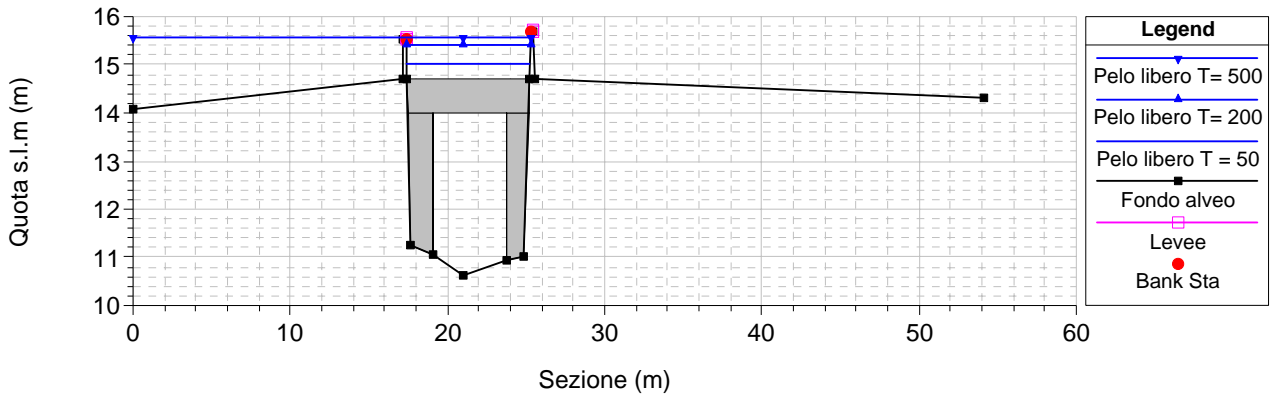
RS = 4



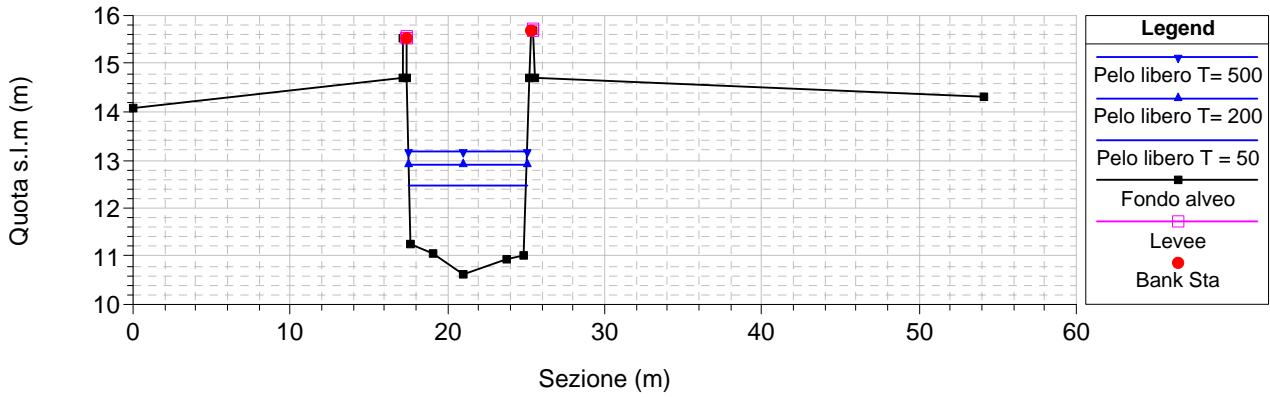
RS = 3.5 BR



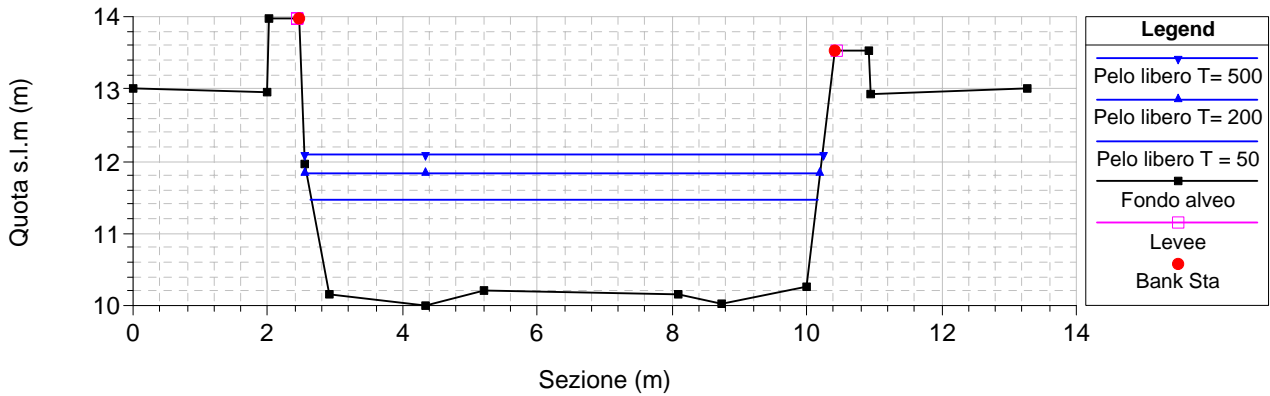
RS = 3.5 BR



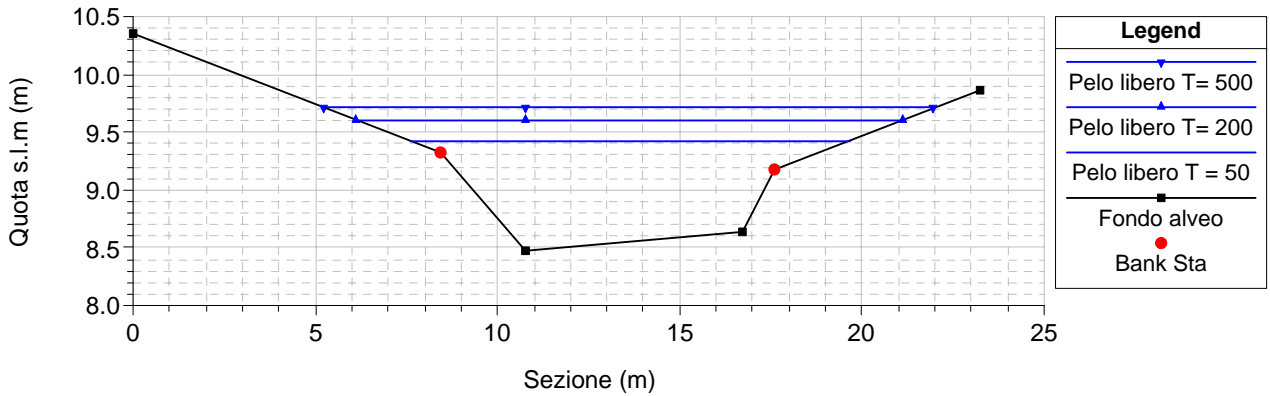
RS = 3



RS = 2



RS = 1



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

RIO BURAXE

Rio Buraxe T=50 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
18	45	21.26	23.52	23.39	24.14	0.01	3.50	12.85	8.32	0.90
17	45	20.35	22.75	22.75	23.46	0.01	3.72	12.08	8.73	1.01
16	45	19.41	21.25	21.62	22.39	0.02	4.73	9.52	9.04	1.47
15	45	18.94	21.27	20.94	21.40	0.00	1.85	30.20	30.48	0.47
14.5	Bridge									
14	45	18.94	21.22	20.88	21.35	0.00	1.72	28.82	30.48	0.51
13	45	18.62	21.20	20.33	21.31	0.00	1.47	30.73	20.30	0.36
12	45	18.49	20.85	20.30	21.26	0.00	2.84	15.87	7.75	0.63
11	45	17.11	19.36	19.36	20.36	0.01	4.42	10.18	5.11	1.00
10	45	15.89	17.54	17.81	18.68	0.02	4.73	9.52	7.25	1.32
9	45	15.34	18.05	17.48	18.30	0.00	2.42	22.00	13.61	0.49
8.5	Bridge									
8	45	15.43	17.56	17.56	18.06	0.01	3.36	16.15	15.35	0.76
7	45	14.51	16.04	16.38	17.30	0.02	4.96	9.07	7.60	1.45
6	45	14.36	16.03	15.90	16.24	0.00	2.07	21.95	17.96	0.53
5	45	13.28	15.28	15.28	15.92	0.01	3.67	13.34	10.18	0.86
4	45	12.16	15.03	14.03	15.24	0.00	2.18	24.74	22.14	0.43
3.5	Bridge									
3	45	10.63	12.48	12.48	13.25	0.01	3.89	11.56	7.49	1.00
2	45	10.01	11.46	11.72	12.57	0.02	4.66	9.65	7.52	1.31
1	45	8.48	9.42	10.02	11.56	0.06	6.52	7.12	12.05	2.41

Rio Buraxe T=200 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
18	65	21.26	28.01	25.74	23.84	23.84	24.72	4.15	15.65	1.01
17	65	20.35	23.31	22.76	23.05	23.31	23.94	3.91	16.62	1.30
16	65	19.41	21.41	21.65	21.59	22.04	22.90	5.01	12.98	1.53
15	65	18.94	21.04	20.49	21.76	21.12	21.87	1.39	46.86	0.43
14.5	Bridge									
14	65	18.94	21.04	22.24	21.73	21.08	21.84	1.43	45.30	0.45
13	65	18.62	21.17	21.37	21.71	20.58	21.81	1.28	50.83	0.37
12	65	18.49	22.08	21.30	20.94	20.73	21.73	3.91	16.60	0.85
11	65	17.11	19.72	19.81	19.79	19.79	20.61	3.85	16.87	0.93
10	65	15.89	17.94	18.47	18.58	18.25	19.02	2.75	23.67	0.68
9	65	15.34	17.54	17.14	18.47	17.86	18.80	2.34	27.75	0.52
8.5	Bridge									
8	65	15.43	17.56	17.11	17.85	17.85	18.46	3.17	20.50	0.88
7	65	14.51	16.91	17.00	16.63	16.81	17.80	4.79	13.57	1.15
6	65	14.36	16.61	15.90	16.79	15.90	16.92	1.46	44.60	0.42
5	65	13.28	15.44	15.28	15.28	15.28	16.61	4.87	13.34	1.36
4	65	12.16	14.82	14.77	15.39	14.94	15.63	1.98	32.89	0.52
3.5	Bridge									
3	65	10.63	15.52	15.70	12.91	12.91	13.90	4.39	14.80	1.00
2	65	10.01	13.97	13.53	11.84	12.15	13.21	5.17	12.56	1.29
1	65	8.48	9.32	9.17	9.60	10.28	12.22	6.77	9.60	2.71

Rio Buraxe 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
18	79	21.26	28.01	25.74	24.12	24.12	25.07	4.32	18.29	1.00
17	79	20.35	23.31	22.76	23.16	23.50	24.23	4.26	18.57	1.36
16	79	19.41	21.41	21.65	21.81	22.25	23.16	4.97	15.90	1.59
15	79	18.94	21.04	20.49	22.14	21.22	22.23	1.24	63.76	0.33
14.5	Bridge									
14	79	18.94	21.04	22.24	22.14	21.18	22.23	1.24	63.66	0.33
13	79	18.62	21.17	21.37	22.13	20.73	22.21	1.15	68.79	0.29
12	79	18.49	22.08	21.30	21.02	21.00	22.10	4.60	17.16	0.99
11	79	17.11	19.72	19.81	19.96	19.96	20.75	3.72	21.26	0.91
10	79	15.89	17.94	18.47	18.85	18.47	19.34	2.86	27.58	0.65
9	79	15.34	17.54	17.14	18.75	18.05	19.12	2.51	31.51	0.53
8.5	Bridge									
8	79	15.43	17.56	17.11	18.07	18.07	18.70	3.23	24.47	0.90
7	79	14.51	16.91	17.00	17.08	17.08	17.66	3.11	25.37	0.87
6	79	14.36	16.61	15.90	16.14	15.99	16.70	3.25	24.34	1.00
5	79	13.28	15.44	15.28	15.62	15.58	16.24	3.29	23.99	0.92
4	79	12.16	14.82	14.77	15.62	15.11	15.88	2.08	37.89	0.51
3.5	Bridge									
3	79	10.63	15.52	15.70	13.19	13.19	14.30	4.68	16.89	1.00
2	79	10.01	13.97	13.53	12.09	12.42	13.61	5.47	14.46	1.27
1	79	8.48	9.32	9.17	9.71	10.45	12.62	7.03	11.23	2.74

