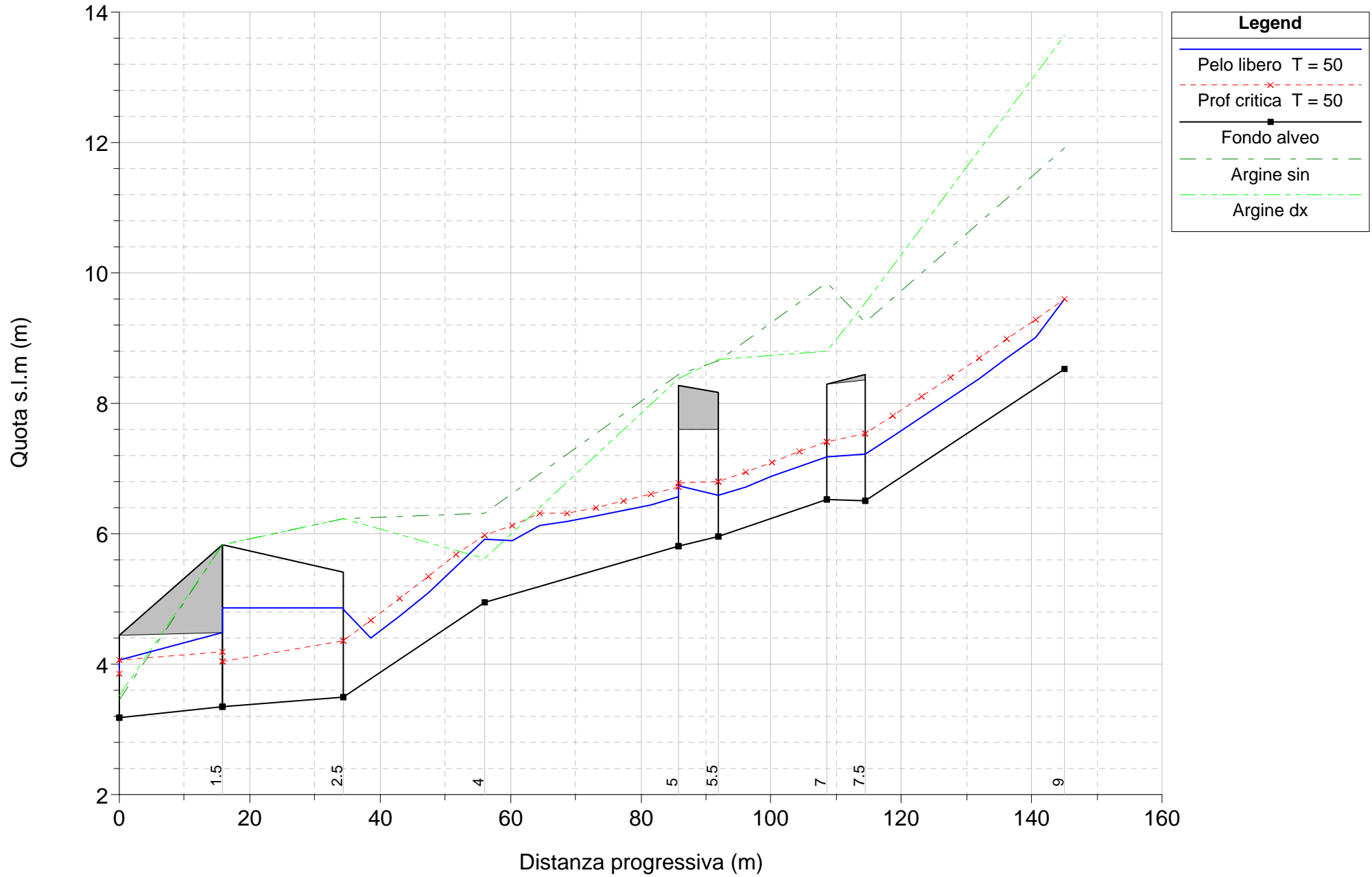


**PROFILI DI RIGURGITO IN CONDIZIONI DI MOTO  
PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI**

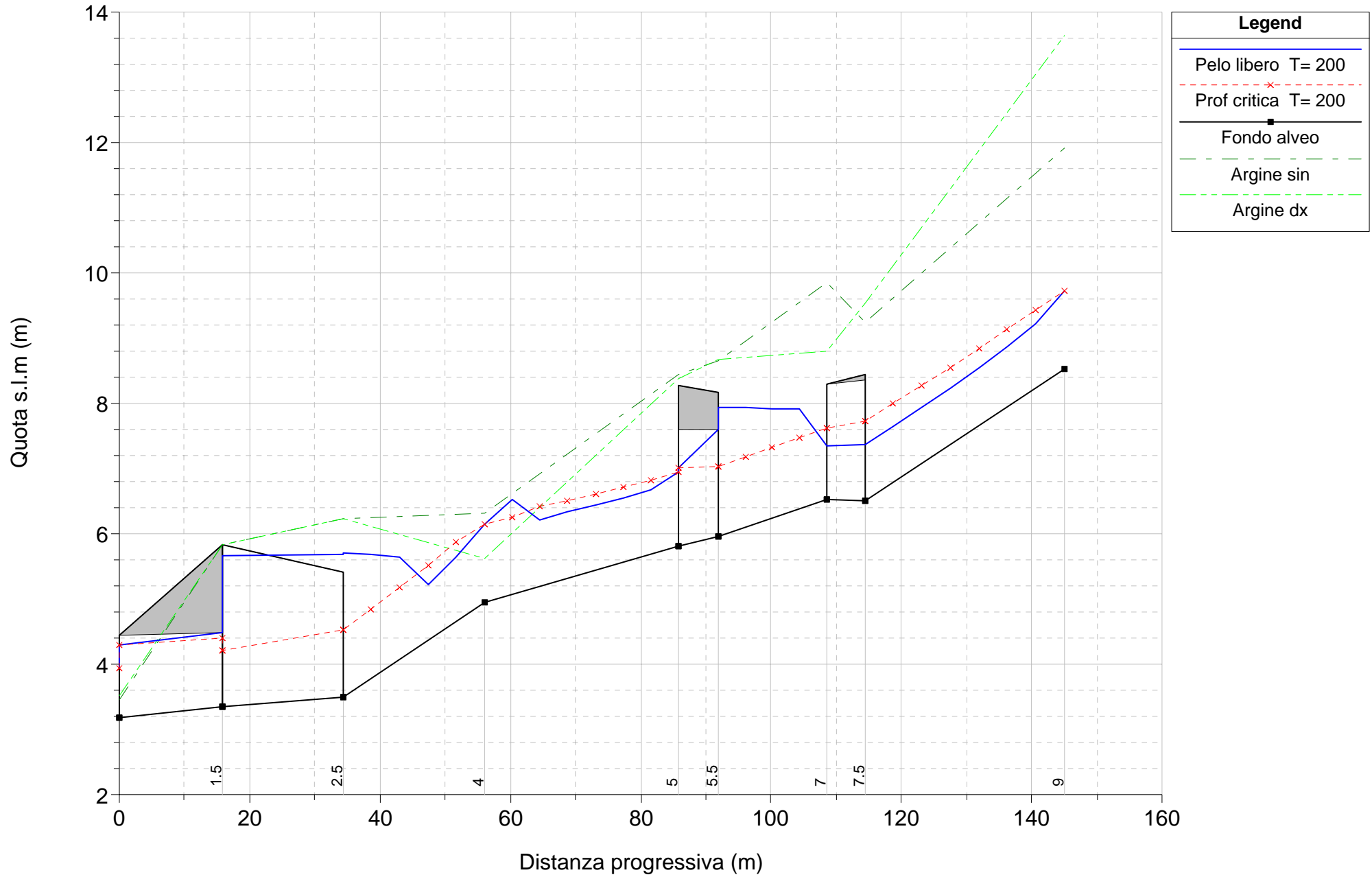
**RIO ARMAREO**



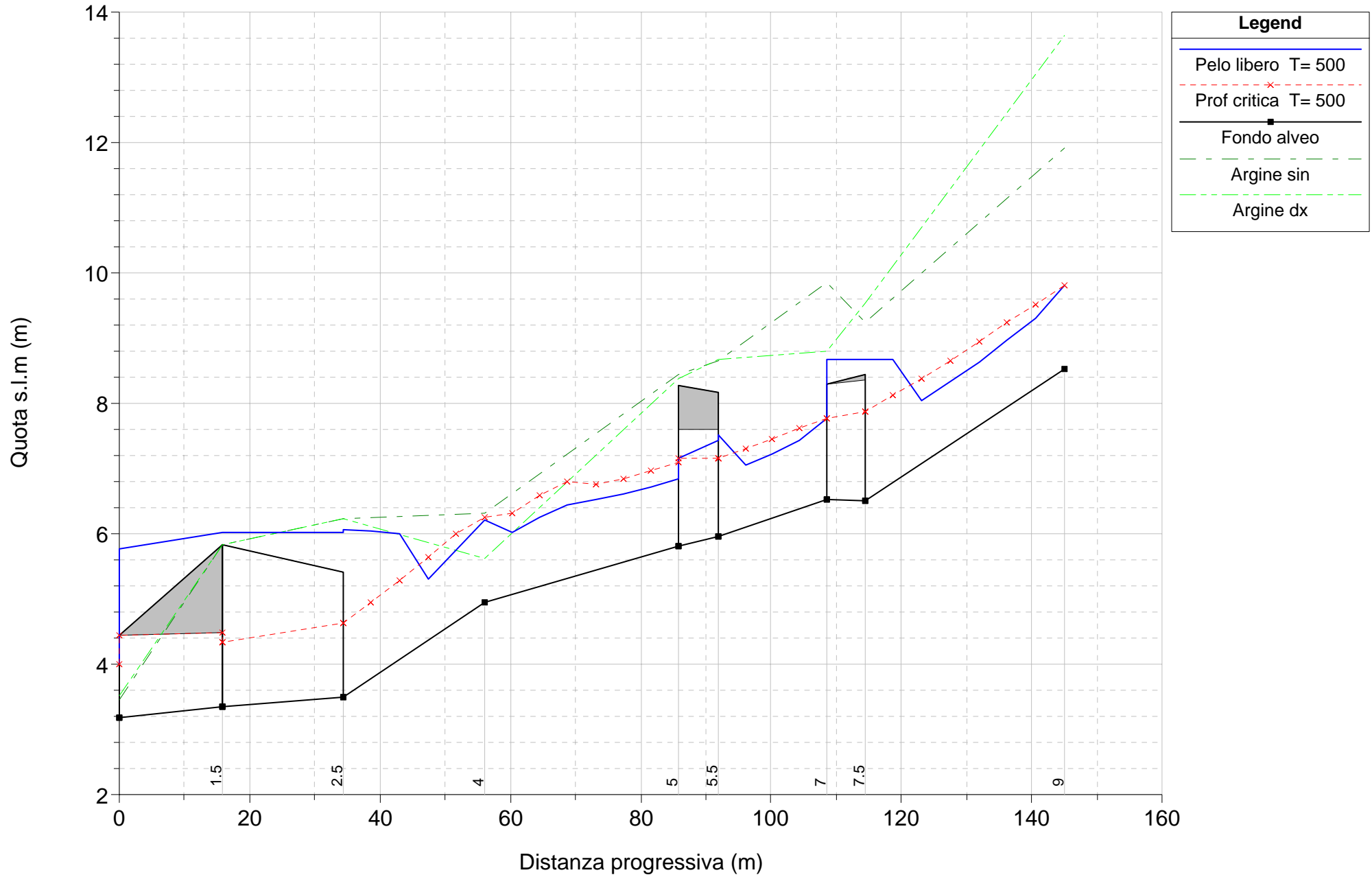
# Rio Armareo – profilo longitudinale di moto permanente T=50 anni



# Rio Armareo – profilo longitudinale di moto permanente T=200 anni



# Rio Armareo – 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 ARMAREO**

DALLA SEZ. 9  
ALLA SEZ. 1

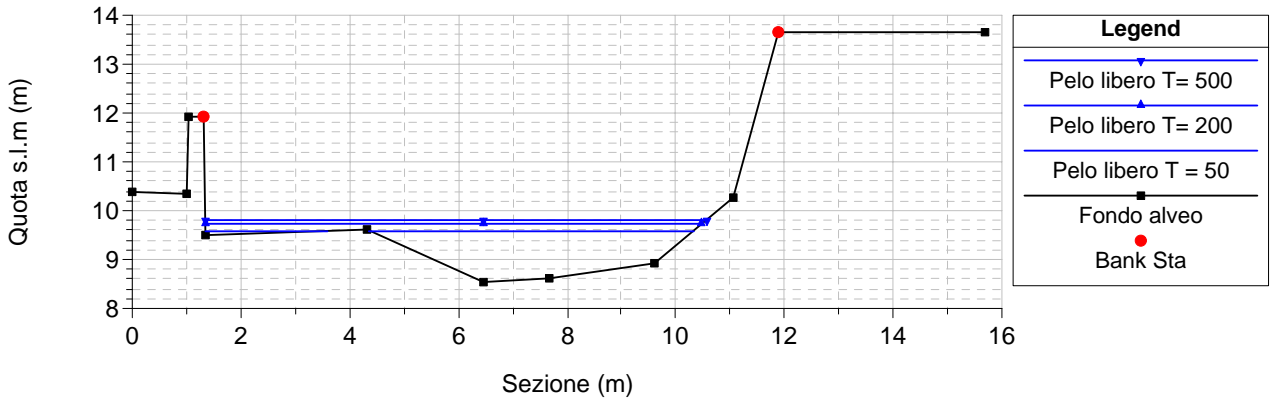




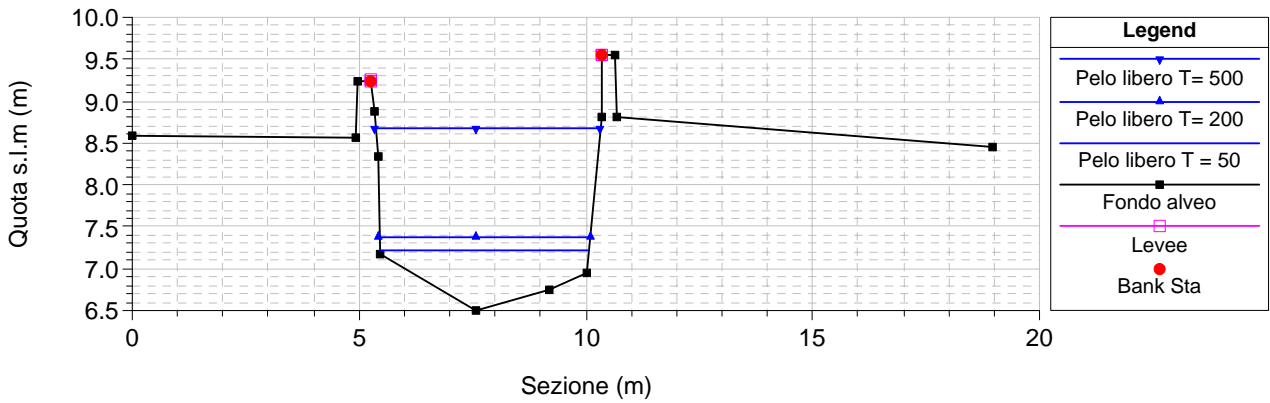
# RIO ARMAREO

## Sezioni trasversali

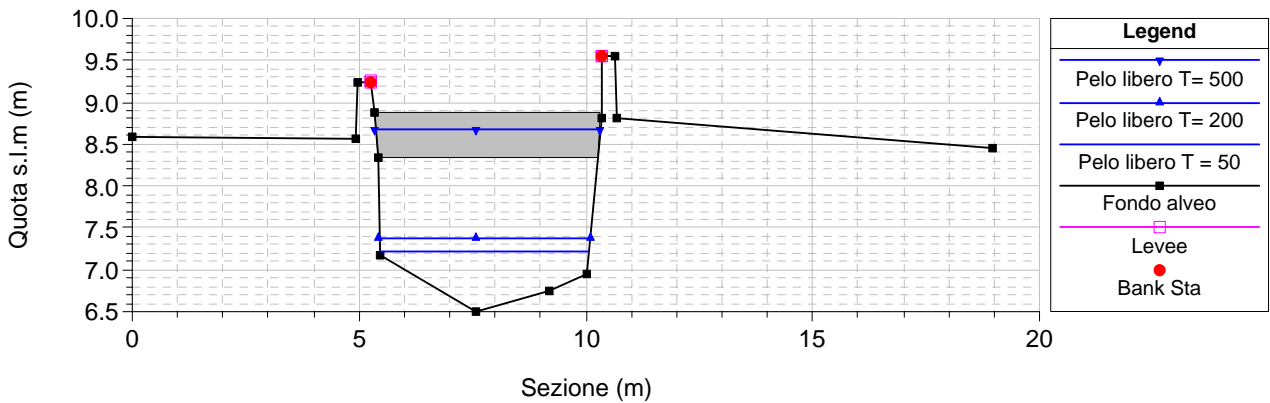
RS = 9



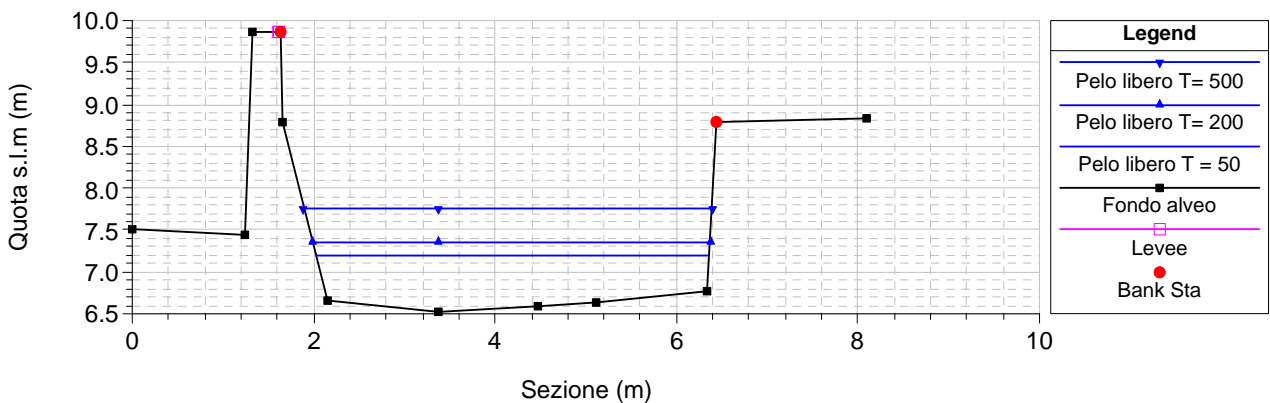
RS = 8



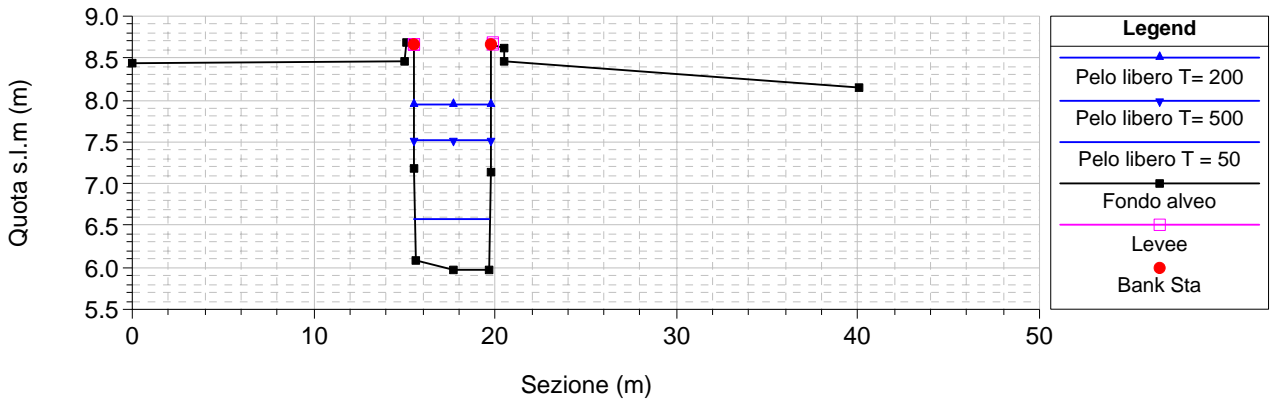
RS = 7.5 BR



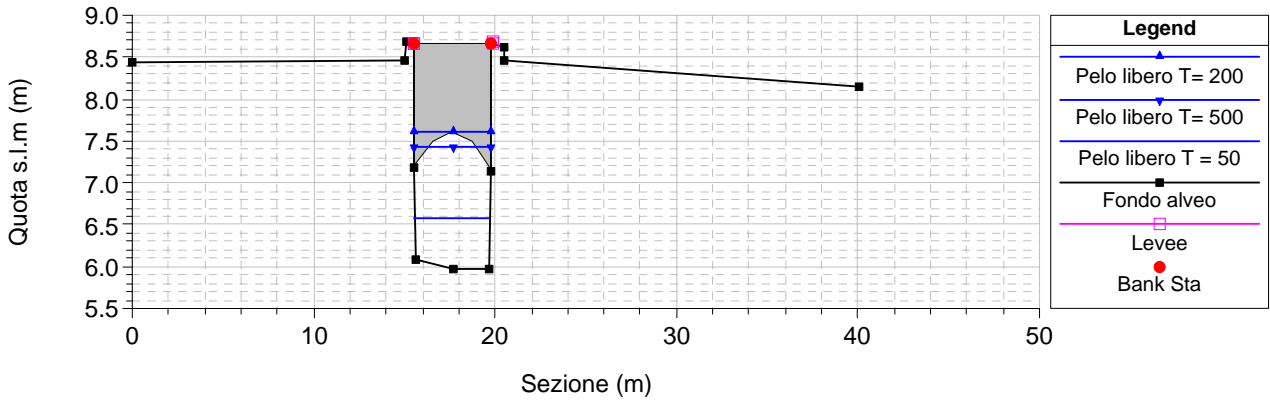
RS = 7



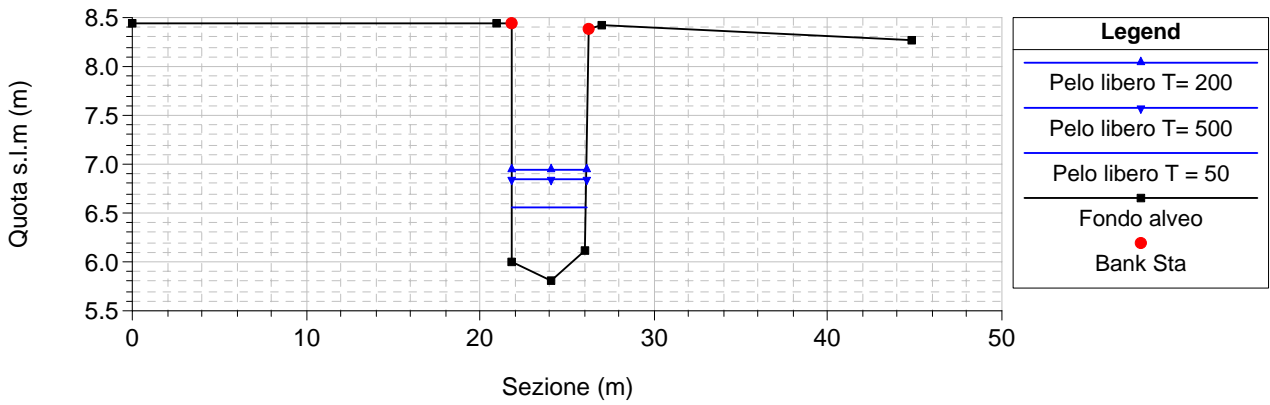
RS = 6



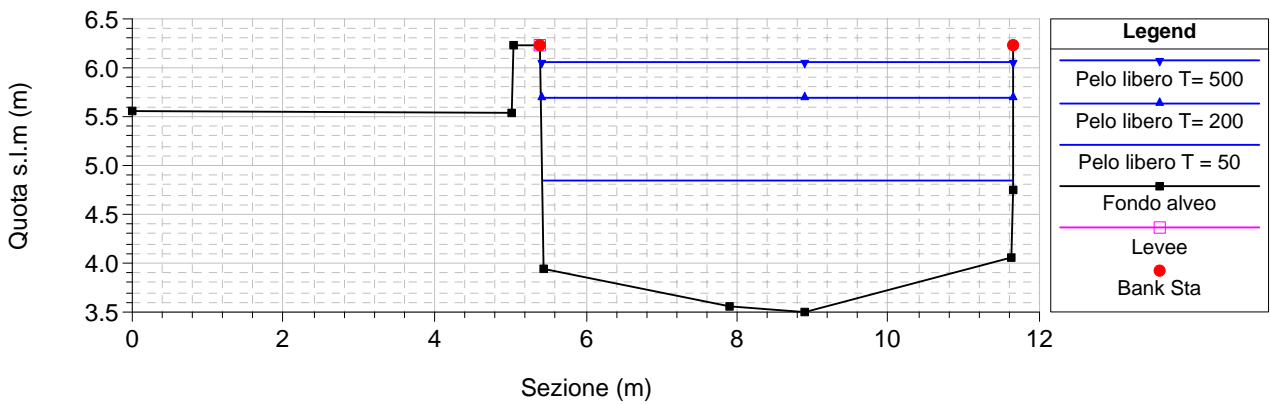
RS = 5.5 BR



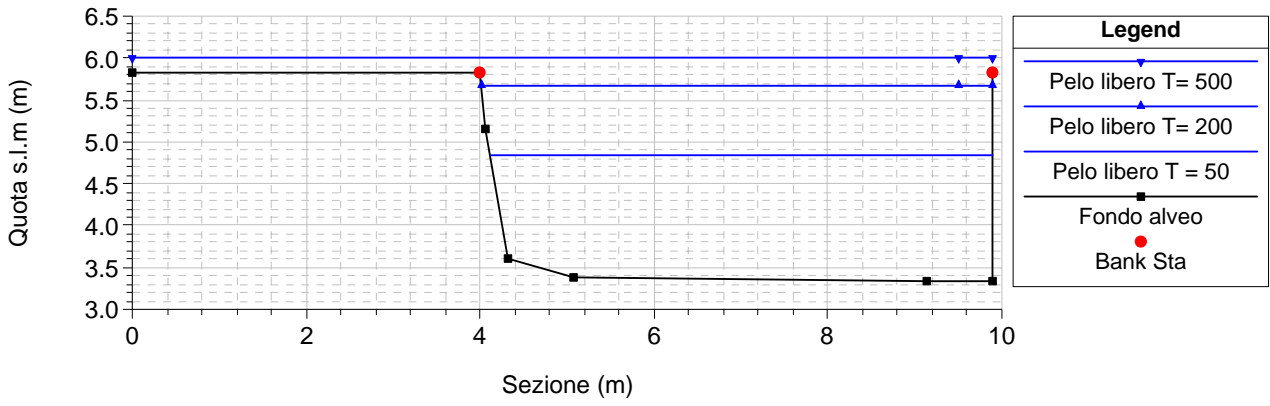
RS = 5



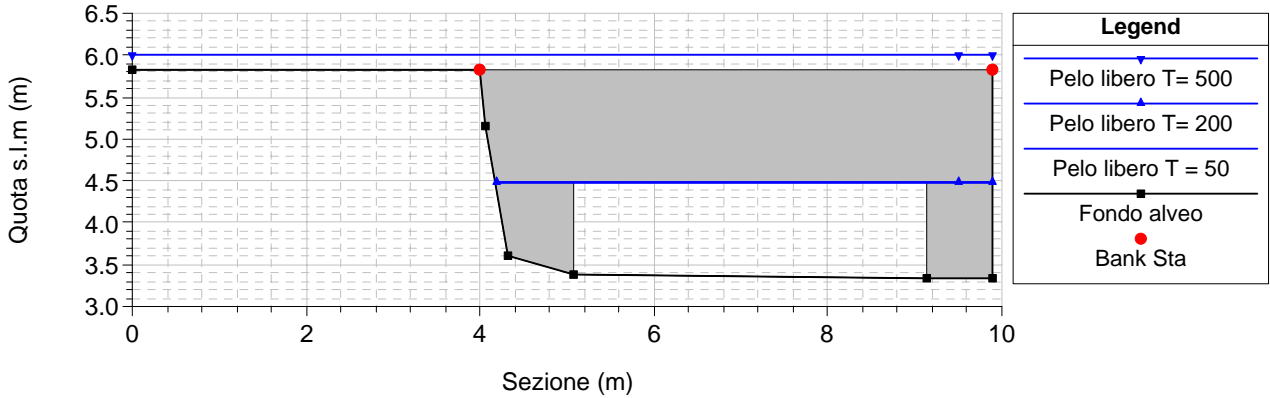
RS = 3



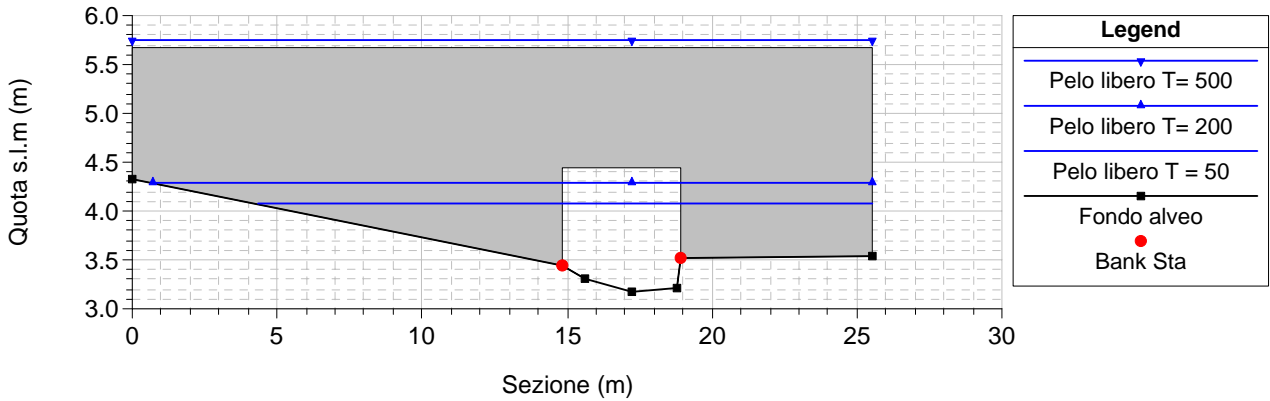
RS = 2



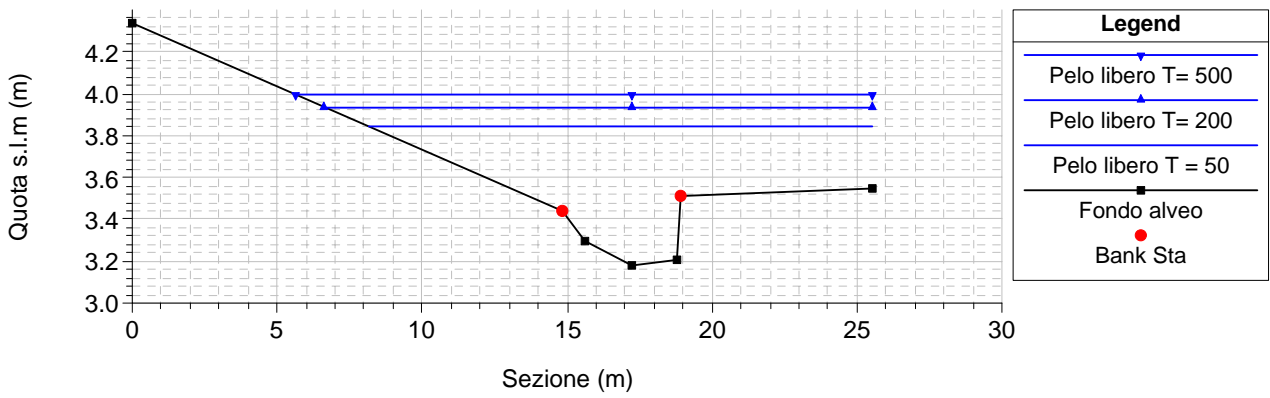
RS = 1.5 BR



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 ARMAREO**



### Rio Armareo 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
9	9.5	8.53	11.91	13.65	9.59	9.59	9.84	2.22	4.27	0.98
8	9.5	6.51	9.24	9.54	7.21	7.53	8.33	4.69	2.03	2.26
7.5	Bridge									
7	9.5	6.52	9.86	8.80	7.19	7.41	7.96	3.88	2.45	1.65
6	9.5	5.96	8.66	8.67	6.58	6.81	7.36	3.92	2.42	1.64
5.5	Bridge									
5	9.5	5.80	8.44	8.39	6.56	6.73	7.20	3.53	2.69	1.42
4	9.5	4.95	6.31	5.66	5.92	5.98	6.31	2.74	3.47	1.14
3	9.5	3.50	6.23	6.23	4.85	4.35	4.95	1.37	6.93	0.41
2.5	Bridge									
2	9.5	3.34	5.83	5.83	4.84	4.04	4.90	1.15	8.26	0.31
1.5	Bridge									
1	9.5	3.18	3.44	3.51	3.84	3.84	4.01	1.63	5.83	0.90

### Rio Armareo 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
9	13.5	8.53	11.91	13.65	9.72	9.72	10.03	2.46	5.48	1.02
8	13.5	6.51	9.24	9.54	7.36	7.73	8.61	4.94	2.73	2.06
7.5	Bridge									
7	13.5	6.52	9.86	8.80	7.36	7.62	8.28	4.26	3.17	1.60
6	13.5	5.96	8.66	8.67	7.94	7.02	8.08	1.67	8.09	0.38
5.5	Bridge									
5	13.5	5.80	8.44	8.39	6.94	6.94	7.44	3.14	4.30	1.00
4	13.5	4.95	6.31	5.66	6.15	6.15	6.56	2.80	4.82	0.99
3	13.5	3.50	6.23	6.23	5.70	4.52	5.76	1.11	12.21	0.25
2.5	Bridge									
2	13.5	3.34	5.83	5.83	5.67	4.21	5.72	1.03	13.10	0.22
1.5	Bridge									
1	13.5	3.18	3.44	3.51	3.94	3.94	4.13	1.80	7.51	0.91



**Rio Armareo 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
9	16.5	8.53	11.91	13.65	9.81	9.81	10.16	2.62	6.30	1.01
8	16.5	6.51	9.24	9.54	8.67	7.87	8.85	1.83	8.99	0.43
7.5	Bridge									
7	16.5	6.52	9.86	8.80	7.77	7.77	8.32	3.30	5.00	1.00
6	16.5	5.96	8.66	8.67	7.51	7.17	7.86	2.61	6.32	0.68
5.5	Bridge									
5	16.5	5.80	8.44	8.39	6.85	7.09	7.75	4.20	3.93	1.40
4	16.5	4.95	6.31	5.66	6.21	6.26	6.74	3.16	5.22	1.08
3	16.5	3.50	6.23	6.23	6.06	4.63	6.12	1.14	14.45	0.24
2.5	Bridge									
2	16.5	3.34	5.83	5.83	6.02	4.33	6.08	1.04	15.90	0.26
1.5	Bridge									
1	16.5	3.18	3.44	3.51	4.00	4.00	4.21	1.90	8.69	0.92