

```
S0[x_] := (11/4) x - (3/4) x^3;  
S1[x_] := 2 + (x-1)/2 - (9/4) (x-1)^2 + (3/4) (x-1)^3  
S[x_] = If[x < 1, S0[x], S1[x]];  
Plot[{S0[x], S1[x]}, {x, 0, 2}, PlotRange -> {-2, 3}]  
Plot[S[x], {x, 0, 2}, PlotRange -> {-2, 3}]
```

