

$p + {}^{12}\text{C}, E = 20 \text{ MeV}$

$\text{Im}(S_l)$

0.25  
0.00  
-0.25  
-0.50

-0.5 0.0 0.5 1.0

$\text{Re}(S_l)$

-----  $|S| = 1$   
● Numerov  
■ DBMM

2

1

3

0

5

6  
8  
10