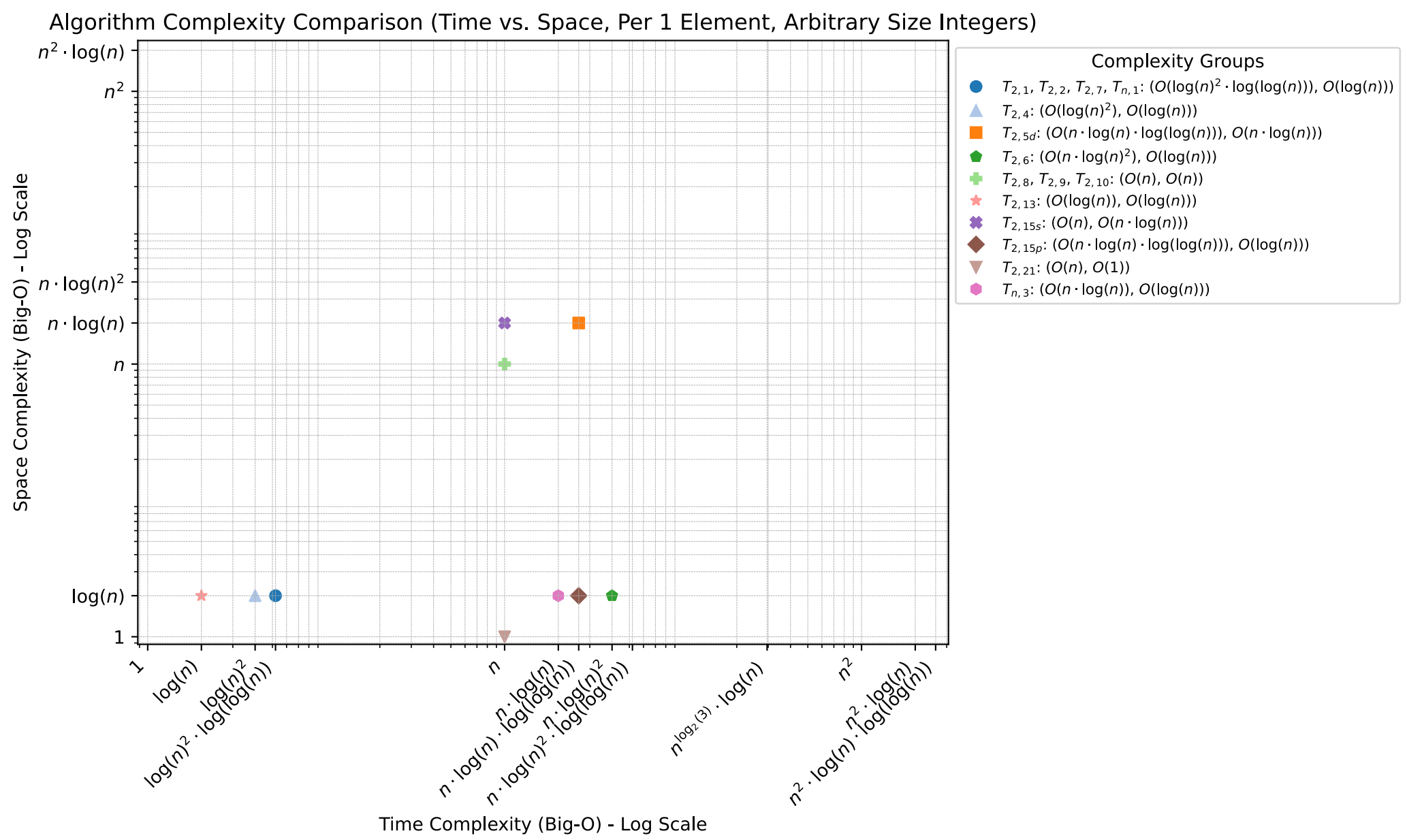
Algorithm Complexity Comparison (Time vs. Space, Per 1 Element, Arbitrary Size Integers)
Space Complexity (Big-O) - Log Scale
$n^2 \cdot \log(n)$
n^2
$n \cdot \log(n)^2$
$n \cdot \log(n)$
n
$\log(n)$
1
Time Complexity (Big-O) - Log Scale
1
$\log(n)$
$\log(n)^2$
$\log(n)^2 \cdot \log(\log(n))$
n
$n \cdot \log(n)$
$n \cdot \log(n) \cdot \log(\log(n))$
$n \cdot \log(n)^2$
$n \cdot \log(n)^2 \cdot \log(\log(n))$
$n^{\log_2(3)} \cdot \log(n)$
n^2
$n^2 \cdot \log(n)$
$n^2 \cdot \log(n) \cdot \log(\log(n))$
Complexity Groups
$T_{2,1}$, $T_{2,2}$, $T_{2,7}$, $T_{n,1}$: ($O(\log(n)^2 \cdot \log(\log(n)))$, $O(\log(n))$)
$T_{2,4}$: ($O(\log(n)^2)$, $O(\log(n))$)
$T_{2,5d}$: ($O(n \cdot \log(n) \cdot \log(\log(n)))$, $O(n \cdot \log(n))$)
$T_{2,6}$: ($O(n \cdot \log(n)^2)$, $O(\log(n))$)
$T_{2,8}$, $T_{2,9}$, $T_{2,10}$: ($O(n)$, $O(n)$)
$T_{2,13}$: ($O(\log(n))$, $O(\log(n))$)
$T_{2,15s}$: ($O(n)$, $O(n \cdot \log(n))$)
$T_{2,15p}$: ($O(n \cdot \log(n) \cdot \log(\log(n)))$, $O(\log(n))$)
$T_{2,21}$: ($O(n)$, $O(1)$)
$T_{n,3}$: ($O(n \cdot \log(n))$, $O(\log(n))$)