$^{93}_{38}Sr$

Δ: –80162 *14* **S_n:** 5314 *16* **S_p:** 12636 *15* **Q_{β^-}:** 4083 *14*

Populating Reactions and Decay Modes

A ^{93}Rb β^- decay (70MaZC, 72Am01, 72Mc04, 74Ac04, 75Br03, 77Bi01, 78St02, 78Wo15, 78Wu04, 79Bo26, 80De02, 82Al01, 82Ka03, 83Ia02, 83Ka41, 86Ka20, 88Al42, 88GrZX, 90Ru05, 92Pr03)

B ^{94}Rb β^-n decay (77Re06, 77Ru09, 81Ho07, 82Kr11, 85Gr15, 89BrZI)

Levels and γ-ray branchings:

0, 5/2$^+$, 7.423 *24* m, *[AB]*, %β^-=100, μ= –0.7942 *5*, Q=+0.265 *19*

213.431 *10*, $^+$, 4.6 *3* ns, *[AB]* γ_{0}***213.429*** *11* ($\dagger_\gamma$100) E2

432.604 *24*, $^+$, <0.3 ns, *[AB]* γ_{213}***219.16*** *6* ($\dagger_\gamma$15.8 *9*) M1,E2 γ_{0}***432.61*** *3* ($\dagger_\gamma$100.0 *5*) M1,E2

986.11 *5*, *[AB]* γ_{0}***986.05*** *6* ($\dagger_\gamma$100)

1142.55 *4*, *[AB]* γ_{433}***709.95*** *5* ($\dagger_\gamma$100 *7*) γ_{213}***929.04*** *9* ($\dagger_\gamma$7.9 *6*) γ_{0}***1142.58*** *12* ($\dagger_\gamma$5.9 *5*)

1148.20 *6*, *[AB]* γ_{213}***934.70*** *10* ($\dagger_\gamma$20.9 *16*) γ_{0}***1148.18*** *8* ($\dagger_\gamma$100 *6*)

1238.25 *7*, *[AB]* γ_{0}***1238.30*** *8* ($\dagger_\gamma$100)

1385.31 *6*, *[AB]* γ_{0}***1385.21*** *8* ($\dagger_\gamma$100)

1529.32 *10*, *[AB]* γ_{433}***1096.71*** *9* ($\dagger_\gamma$100)

1562.95 *9*, *[A]* γ_{213}***1349.67*** *21* ($\dagger_\gamma$14.0 *17*) γ_{0}***1562.91*** *11* ($\dagger_\gamma$100 *7*)

1779.78 *8*, *[A]* γ_{986}***793.65*** *6* ($\dagger_\gamma$100 *5*) γ_{213}***1566.2*** *9* ($\dagger_\gamma$6 *3*)

1808.50 *7*, *[A]* γ_{986}***822.41*** *22* ($\dagger_\gamma$6.0 *11*) γ_{0}***1808.50*** *10* ($\dagger_\gamma$100 *5*)

1869.64 *7*, *[A]* γ_{433}***1437.10*** *16* ($\dagger_\gamma$22.0 *19*) γ_{0}***1869.69*** *11* ($\dagger_\gamma$100 *6*)

1910.86 *9*, *[A]* γ_{1143}***768.36*** *23* ($\dagger_\gamma$10.0 *17*) γ_{0}***1910.72*** *12* ($\dagger_\gamma$100 *6*)

2045.55 *9*, *[A]* γ_{986}***1059.4*** *3* ($\dagger_\gamma$3.8 *7*) γ_{433}***1612.87*** *11* ($\dagger_\gamma$100 *6*)

2054.02 *9*, *[A]* γ_{1148}***905.6*** *3* ($\dagger_\gamma$4.9 *10*) γ_{0}***2054.06*** *12* ($\dagger_\gamma$100 *5*)

2117.46 *11*, *[A]* γ_{433}***1684.76*** *13* ($\dagger_\gamma$100)

2141.07 *11*, *[A]* γ_{213}***1927.64*** *12* ($\dagger_\gamma$100)

2273.02 *12*, *[A]* γ_{1238}***1035.1*** *5* ($\dagger_\gamma$35 *11*) γ_{1143}***1130.12*** *16* ($\dagger_\gamma$100 *11*) γ_{986}***1287.0*** *5* ($\dagger_\gamma$58 *20*)

2292.88 *7*, *[A]* γ_{1238}***1054.7*** *3* ($\dagger_\gamma$11.1 *23*) γ_{1143}***1150.38*** *13* ($\dagger_\gamma$87 *8*) γ_{986}***1306.92*** *19* ($\dagger_\gamma$21 *3*) γ_{0}***2292.80*** *13* ($\dagger_\gamma$100 *6*)

2319.09 *8*, *[A]* γ_{986}***1332.97*** *8* ($\dagger_\gamma$100 *10*) γ_{433}***1886.6*** *3* ($\dagger_\gamma$13.6 *21*)

2351.50 *11*, *[A]* γ_{986}***1365.36*** *11* ($\dagger_\gamma$100 *7*) γ_{433}***1919.0*** *4* ($\dagger_\gamma$33 *6*)

2456.47 *19*, *[A]* γ_{2293}***163.4*** *3* ($\dagger_\gamma$94 *21*) γ_{433}***2023.9*** *4* ($\dagger_\gamma$100 *21*)

2459.75 *13*, *[A]* γ_{986}***1473.2*** *6* ($\dagger_\gamma$23 *8*) γ_{433}***2026.88*** *25* ($\dagger_\gamma$100 *13*)

2553.80 *9*, *[A]* γ_{1238}***1315.64*** *10* ($\dagger_\gamma$100 *7*) γ_{1148}***1405.37*** *22* ($\dagger_\gamma$26 *3*)

2621.38 *14*, *[A]* γ_{1143}***1479.1*** *3* ($\dagger_\gamma$16 *3*) γ_{986}***1635.20*** *15* ($\dagger_\gamma$100 *8*)

2737.2 *4*, *[A]* γ_{213}***2523.7*** *5* ($\dagger_\gamma$100)

2770.71 *13*, *[A]* γ_{1870}***901.08*** *18* ($\dagger_\gamma$89 *11*) γ_{1780}***990.9*** *3* ($\dagger_\gamma$92 *18*) γ_{213}***2557.5*** *4* ($\dagger_\gamma$100 *17*)

2773.99 *25*, *[A]* γ_{1385}***1388.7*** *6* ($\dagger_\gamma$100)