

IPA Potential for the NaK  $4^3\Sigma^+$  State

$R(\text{\AA})$	$E(\text{cm}^{-1})$	$R(\text{\AA})$	$E(\text{cm}^{-1})$
3.3098	25753.9539	4.2967	23950.5978
3.3169	25715.6860	4.3641	23968.0312
3.3243	25678.1305	4.4177	23984.9330
3.3319	25640.7668	4.4599	24000.8218
3.3398	25603.0632	4.4961	24016.3162
3.3546	25534.5130	4.5285	24031.5849
3.3627	25497.8352	4.5582	24046.7300
3.3712	25459.9004	4.5858	24061.7465
3.3801	25420.7075	4.7029	24133.8899
3.3895	25380.2268	4.7975	24200.0051
3.3993	25338.4023	4.8878	24259.9904
3.4096	25295.1832	4.9936	24323.4657
3.4204	25250.6171	5.1261	24384.7787
3.4318	25204.9470	5.2779	24427.9985
3.4437	25158.5601	5.4204	24474.3998
3.4561	25111.7495	5.5262	24526.4243
3.4690	25064.5078	5.5960	24571.3766
3.4825	25016.6142	5.6504	24614.0754
3.4968	24967.8527	5.7069	24659.5812
3.5119	24918.3669	5.7697	24712.6919
3.5276	24868.6484	5.8328	24770.8609
3.5439	24818.9535	5.8902	24825.4034
3.5609	24768.9620	5.9425	24875.7181
3.5790	24718.2286	5.9952	24925.4645
3.5981	24667.0315	6.0523	24979.1810
3.6179	24616.4357	6.1127	25037.4713
3.6380	24567.4292	6.1723	25093.7793
3.6584	24519.3855	6.2289	25143.4386
3.6806	24469.0953	6.2839	25191.6221
3.7069	24411.5809	6.3409	25243.1564
3.7396	24342.6746	6.4020	25296.7967
3.7804	24263.6537	6.4671	25345.7921
3.8299	24182.4714	6.5347	25393.4349
3.8896	24107.9874	6.6037	25446.3747
3.9642	24040.4282	6.6737	25497.0078
3.9818	24027.2053	6.7449	25540.6581
4.0007	24013.9014	6.8178	25584.6423
4.0209	24000.4252	6.8857	25624.5677
4.0427	23986.7671	6.9620	25666.6002
4.0665	23972.9554	7.0376	25698.1501
4.0925	23959.0203	7.1090	25730.4089
4.1376	23945.7665	7.1744	25758.1839
4.2108	23940.3163		