

Table S2 the slopes and the relative rates from linear fitting of $-\ln(I/I_0)$ vs NO flows for the clusters shown in Fig.S2 and Fig.S4.

Au_n⁻ n= 10-44	The Slopes of linear fitting	Relative rates (Normalized to the slope of Au₂₀)
10	0.668 ± 0.049	0.820 ± 0.061
11	0.167 ± 0.009	0.205 ± 0.012
12	0.595 ± 0.052	0.730 ± 0.064
13	--	< 0.01
14	0.663 ± 0.030	0.813 ± 0.037
15	--	< 0.01
16	0.746 ± 0.043	0.915 ± 0.053
17	0.059 ± 0.002	0.072 ± 0.003
18	0.580 ± 0.031	0.712 ± 0.039
19	--	< 0.01
20	0.815 ± 0.054	1.000 ± 0.067
21	--	< 0.01
22	0.602 ± 0.020	0.739 ± 0.025
23	--	< 0.01
24	0.544 ± 0.022	0.667 ± 0.027
25	--	< 0.01
26	0.279 ± 0.014	0.342 ± 0.018
27	--	< 0.01
28	0.285 ± 0.011	0.350 ± 0.014
29	--	< 0.01
30	0.502 ± 0.027	0.616 ± 0.034
31	--	< 0.01
32	--	< 0.01
33	--	< 0.01
34	--	< 0.01
35	--	< 0.01
36	0.366 ± 0.043	0.449 ± 0.053
37	--	< 0.01
38	0.241 ± 0.010	0.296 ± 0.013
39	--	< 0.01
40	0.158 ± 0.008	0.194 ± 0.010
41	--	< 0.01
42	0.117 ± 0.009	0.144 ± 0.012
43	--	< 0.01
44	0.199 ± 0.012	0.244 ± 0.015

45	--	< 0.02
46	0.073 ± 0.008	0.09 ± 0.010
47	--	< 0.02
48	0.069 ± 0.003	0.085 ± 0.004
49	0.060 ± 0.004	0.074 ± 0.005
50	0.069 ± 0.004	0.085 ± 0.005
51	--	< 0.02
52	0.046 ± 0.003	0.056 ± 0.004
53	--	< 0.02
54	0.045 ± 0.003	0.055 ± 0.004
55	--	< 0.02
56	--	< 0.02
57	--	< 0.02
58	--	< 0.02
59	--	< 0.02
60	0.063 ± 0.003	0.077 ± 0.004
61	0.055 ± 0.003	0.067 ± 0.004
62	0.053 ± 0.005	0.065 ± 0.007
63	--	< 0.02
64	0.109 ± 0.003	0.134 ± 0.007
65	--	< 0.02
66	0.111 ± 0.010	0.136 ± 0.013
67	--	< 0.02
68	0.081 ± 0.005	0.099 ± 0.007
69	--	< 0.02
70	0.071 ± 0.002	0.087 ± 0.003
71	--	< 0.02
72	0.078 ± 0.003	0.096 ± 0.004
73	--	< 0.02
74	0.039 ± 0.002	0.048 ± 0.003
75	--	< 0.02
76	0.112 ± 0.005	0.137 ± 0.007
77	--	< 0.02
78	0.056 ± 0.003	0.069 ± 0.004
79	--	< 0.02
80	0.040 ± 0.010	0.049 ± 0.013
