	Na	K	Rb	Mg	Ca	Sr	Ba	Y	Ti	Zr	Hf	V	Nb	Ta	Cr	Mo	Mn	Re	Fe	Ru	Co	Ir	Ni	Pd	Pt	Cu	Zn	Si	Pb	P	As	^{3}He	^{4}He	ΣREE	Th	U
Na																																					
K	-.13																																				
Rb	-.08	.73																																			
Mg	.59	.06	.07																																		
Ca	-.01	-.56	-.49	-.40																																	
Sr	.03	-.38	.05	-.19	.65																																
Ba	-.22	-.12	.19	-.22	.54	.86																															
Y	.37	.06	.14	.02	.34	.36	.27																														
Ti	-.19	.86	.60	.03	-.35	-.36	-.08	.02																													
Zr	-.51	.40	.66	-.37	-.33	-.08	.04	-.18	.45																												
Hf	-.41	.50	.69	-.31	-.44	-.16	-.05	-.11	.51	.95																											
V	.32	.18	.17	.21	-.19	-.04	-.08	-.20	.14	-.06	-.11																										
Nb	-.27	.44	.57	-.17	-.40	-.28	-.25	-.21	.52	.85	.90	-.10																									
Ta	-.47	.67	.76	-.24	-.38	-.19	-.02	-.10	.73	.85	.86	.01	.82																								
Cr	.25	.48	.48	.02	-.32	-.16	-.07	-.14	.45	.24	.24	.79	.21	.30																							
Mo	.45	.10	.13	.50	-.28	-.25	-.24	-.10	.09	.08	.11	-.04	.22	-.01	.10																						
Mn	.12	-.02	-.18	.31	.19	-.09	-.05	-.13	.33	-.18	-.17	-.05	.08	.03	-.12	.23																					
Re	.25	.06	-.20	.24	.19	.13	.21	.28	-.12	-.69	-.73	.17	-.83	-.53	.00	-.10	-.13																				
Fe	.11	.05	.18	.12	-.22	-.26	-.36	-.10	.18	.49	.48	-.13	.63	.23	.05	.48	.22	-.61																			
Ru	.55	.31	.29	.57	-.40	-.36	-.39	-.03	.20	.08	.11	.25	.25	.08	.34	.85	.11	.02	.50																		
Co	.40	.05	.12	.44	-.25	-.24	-.23	-.19	.06	.09	.12	-.15	.27	.02	.04	.96	.29	-.17	.45	.78																	
Ir	.37	.26	.53	.45	-.45	-.08	-.28	.06	.11	.32	.35	.27	.46	.28	.25	.33	-.13	-.26	.55	.64	.29																
Ni	.39	.10	.25	.58	-.37	-.23	-.26	-.22	.16	.21	.23	.00	.43	.14	.08	.81	.36	-.32	.60	.77	.83	.62															
Pd	-.11	-.07	.10	-.30	-.03	-.07	-.13	-.27	-.05	.47	.33	.28	.25	.11	.35	.13	-.34	-.21	.49	.26	.08	.26	.12														
Pt	.08	.17	.41	.00	-.27	-.08	-.18	-.21	.15	.49	.40	.45	.39	.26	.52	.13	-.27	-.24	.59	.40	.07	.62	.26	.85													
Cu	-.46	.40	.47	-.39	-.30	-.10	-.05	-.09	.28	.54	.60	-.44	.54	.51	-.06	-.24	-.26	-.37	.29	-.19	-.14	.16	-.12	.12	.26												
Zn	.35	.07	.29	.45	-.43	-.24	-.31	-.23	.00	.32	.32	-.01	.47	.15	.13	.84	.02	-.34	.63	.82	.85	.68	.91	.30	.40	-.01											
Si	-.02	-.59	-.41	-.12	.71	.83	.74	.20	-.54	-.45	-.54	-.13	-.65	-.57	-.37	-.27	.01	.39	-.45	-.50	-.26	-.46	-.36	-.22	-.37	-.34	-.42									
Pb	.23	.10	.07	.57	-.05	-.05	-.09	-.07	.23	-.15	-.19	.20	.04	.06	-.06	.28	.74	.04	.21	.39	.27	.37	.52	-.27	-.05	-.34	.25	-.08									
P	.06	-.49	-.35	.06	.42	.19	.08	.03	-.22	-.01	-.14	-.31	.01	-.26	-.41	.27	.54	-.21	.57	.10	.28	.04	.39	.20	.06	-.20	.24	.26	.44								
As	.44	.10	.09	.51	-.24	-.29	-.26	-.05	.14	.06	.14	-.15	.34	.01	.01	.89	.36	-.26	.61	.78	.87	.40	.84	-.02	.06	-.13	.80	-.35	.37	.36							
^{3}He	.07	.28	.59	.16	-.38	-.04	-.14	-.02	.20	.57	.58	.03	.61	.40	.20	.20	-.16	-.42	.70	.43	.20	.81	.49	.51	.78	.52	.56	-.44	.08	.14	.28						
^{4}He	.18	.33	.18	.68	-.40	-.30	-.17	.10	.38	.04	.12	.09	.17	.10	.06	.38	.24	-.03	.36	.42	.23	.32	.38	-.15	.08	-.16	.28	-.26	.33	.08	.49	.25					
ΣREE	.15	.18	.25	-.03	.32	.46	.42	.88	.14	-.15	-.09	-.22	-.23	.02	-.19	-.24	.04	.34	-.26	-.21	-.29	-.08	-.34	-.42	-.32	.04	-.43	.32	.07	.00	-.25	-.10	.03			
Th	.19	.35	.20	.45	-.03	.09	.26	.41	.34	-.36	-.34	.22	-.42	-.03	.06	-.06	.34	.59	-.42	.03	-.16	-.10	-.12	-.52	-.35	-.36	-.34	.15	.50	-.11	-.10	-.29	.34	.61		
U	.22	.16	-.02	.62	-.06	-.09	.11	.21	.36	-.25	-.21	.08	-.18	-.05	-.03	.31	.56	.22	-.07	.16	.20	-.16	.20	-.47	-.37	-.51	-.04	.10	.45	.14	.32	-.30	.73	.26	.69	

- $0.75 \le r < 0.80$
- $0.80 \le r < 0.85$
- $0.85 \le r < 0.90$
- $0.90 \le r < 0.95$
- $0.95 \le r < 1.00$

Figure S4