

Noble gas diffusion on metals

System	E_m [meV]	E_d [meV]	D_0 [cm ² /s]	θ	T [K]	Method	Ref.	E_b [eV]	Ref.
Xe/W(110)		50 ± 10	7×10^{-8}	0.3	50 - 70	FEM	[1]	~ 0.17	[2]
Kr/Pt(111)		~ 48	$\{1.5 \times 10^{-4}\}$	1	45	LITD	[3]	0.16	[3]
Xe/Pt(111)		50 ± 10	$3.4 \times 10^{-4 \pm 0.5}$	0.25	50 - 80	LITD	[4]	0.29	[4]
	< 9.6		–	0.05	105	QHAS	[5]		

θ is given in terms of the respective saturation coverage; estimates from original authors in {}.

References

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