

TI: Branching ratios in dissociative recombination measured in a storage ring
AU: VIKOR-L; AL-KHALILI-A; DANERED-H; DJURIC-N; DUNN-G-H; LARSSON-M;
LE-PADELLEC-A; ROSEN-S; AF-UGGLAS-M
AF: Department of Physics, Stockholm University, Box 6730, S-113 85 Stockholm, Sweden;
Manne Siegbahn Laboratory, Stockholm University, S-104 05 Stockholm, Sweden; JILA,
University of Colorado, Campus Box 440, Boulder, Colorado 80309-0390
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LA: English
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PT: Serial; *Conference-Meeting
AB: Short review of branching ratios measurements in dissociative recombination process of
polyatomic molecules by means of storage ring is given, with the main advantages of this
experimental technique. <Copyright> 1999 American Institute of Physics.
AI: AB
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DE: Experimental-study ; Electron – ion – collisions ; Molecular – ions ; Recombination - ;
Storage - rings ; Charge - states; Dissociation - ; Ion – recombination ; S – parameters ; Mass
– spectra ; Nitrogen – compounds ; 1/f - noise; Hydrogen – compounds ; Electron – molecule
- collisions
DE: Etude - experimentale ; Collision – electron - ion ; Ion - moleculaire ; Recombinaison - ;
Anneau - stockage ; Etat - charge ; Dissociation - ; Recombinaison - ion ; Parametres ; Spectre
- masse ; Azote - compose ; Bruit – basse - frequence ; Hydrogene - compose ; Collision –
electron - molecule
ID: Atomic – and – molecular – collision - processes ; Atomic – and – molecular -
interactions ; Atomic - physics ; Molecular - physics ; Physics -
ID: Processus – de – collision – atomiques – et - moleculaires ; Interactions – atomiques – et -
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