

National Renewable Energy Laboratory, Golden, Colorado 80401, USA

1 200 1 200

allowed
1S-2S, 1P-2P
P-P

10.1103/... .0 5sl

320, 322, 3 3.

I. I N T R O D U C T I O N

expects

$b/200$ $h/20$
 $1\dot{S}_e$ $1P_e$
 \mathcal{E}_0^e \mathcal{E}_0^h

... N ... N ... N ...

23

$$1P_{hh} - 1P_{ey} = 3.0$$

3

3. C $\begin{matrix} b \\ a \end{matrix}$ $\begin{matrix} e \\ c \end{matrix}$ $\begin{matrix} d \\ a \end{matrix}$ $\begin{matrix} e \\ c \end{matrix}$ $\begin{matrix} b \\ a \end{matrix}$ $\begin{matrix} d \\ e \end{matrix}$ $\begin{matrix} e \\ c \end{matrix}$ $\begin{matrix} e \\ c \end{matrix}$

X^0

3

2

1

1

2

2

$2S_{hh}1S_e$ B 5 D H B
 D D F 2

C. C f

$2S_{hh}1S_e$ 1S-1S
 $1P-1P$ 1S-1S $1P-1P$ et al.,¹
 et al.,² $d/10$ $h/35$
 $d/15$ $h/3$
 $1S-1S$ $1P-1P$, et al.³
 $1S-1S$, $1P-1P$, $1D-1D$, without
 $1P-1P$, et al.⁵
 $d/13$ $h/3$ $0 \ 2 \ 0 \ 2^*$, et al.

20 75, 3 1

21 21 0 2002 89,

22 190, 2002 .

23 95, 1 0 2005

91, 5105 2002

64,

1 1 2001 2001 .

24 70, 2 3520

200 71, 1 01 2005 .

25 57