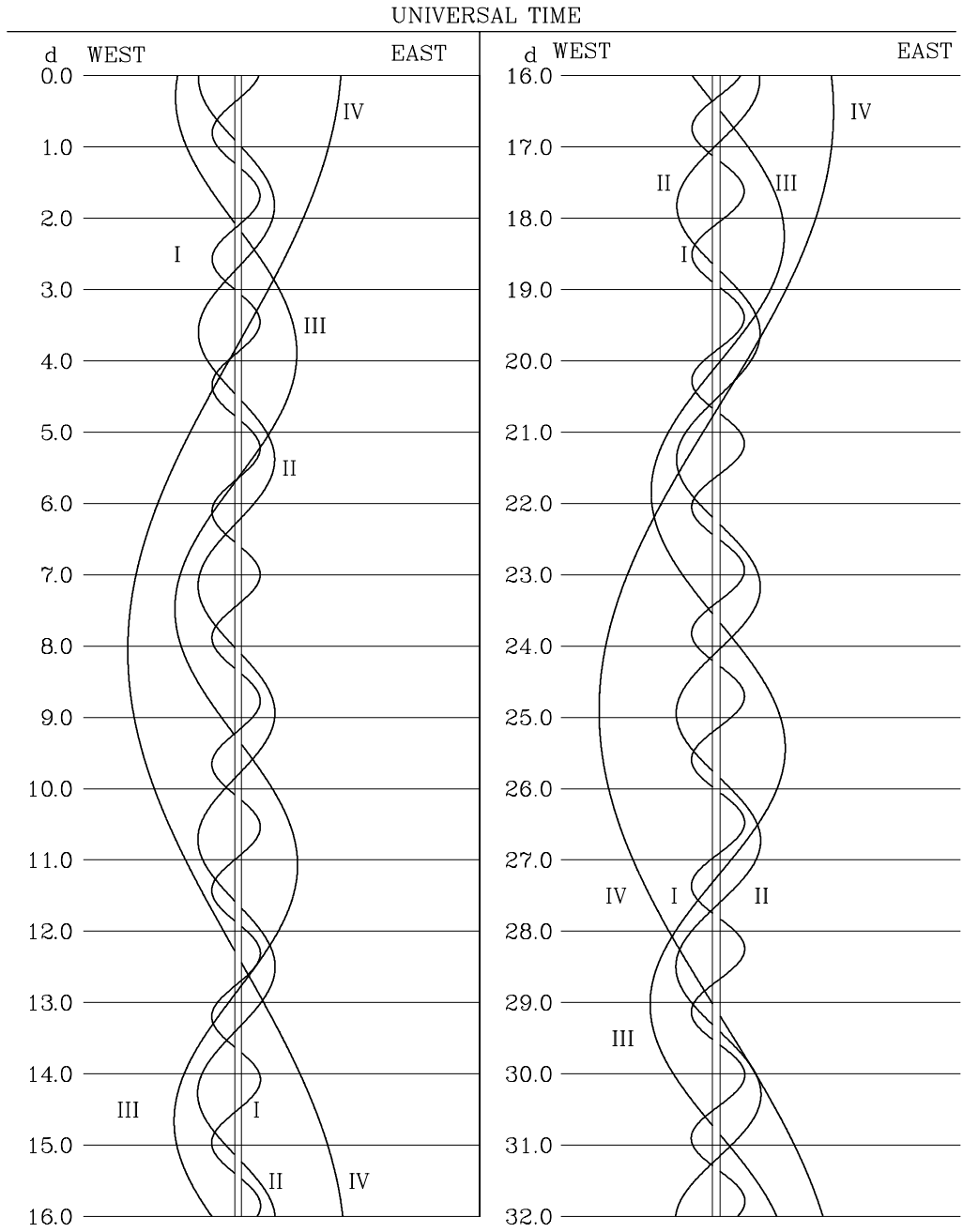





SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR JANUARY

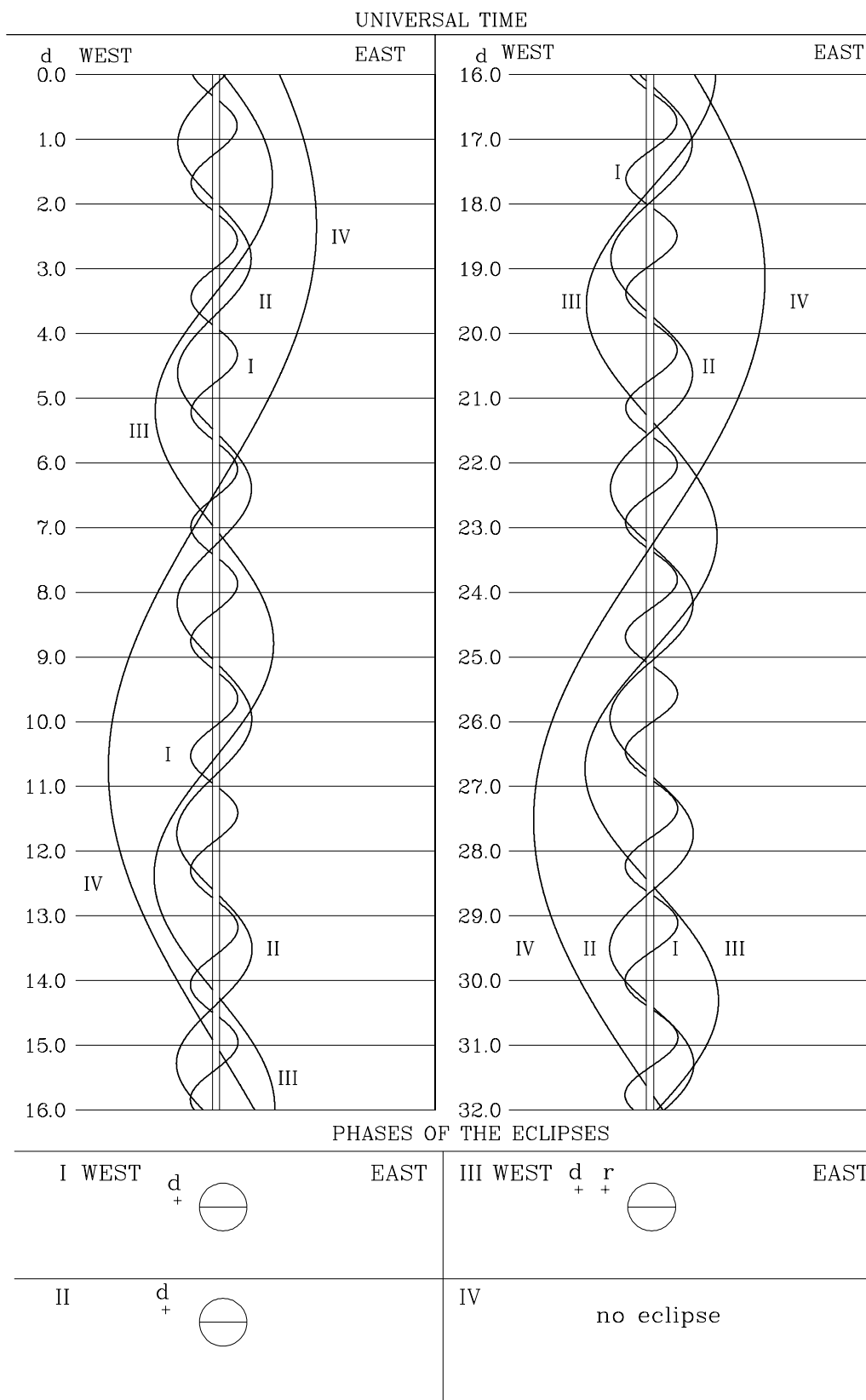


PHASES OF THE ECLIPSES

I WEST d_+ 	EAST III WEST d_+ r_+ 
II d_+ 	IV no eclipse

SATELLITES OF JUPITER-2019

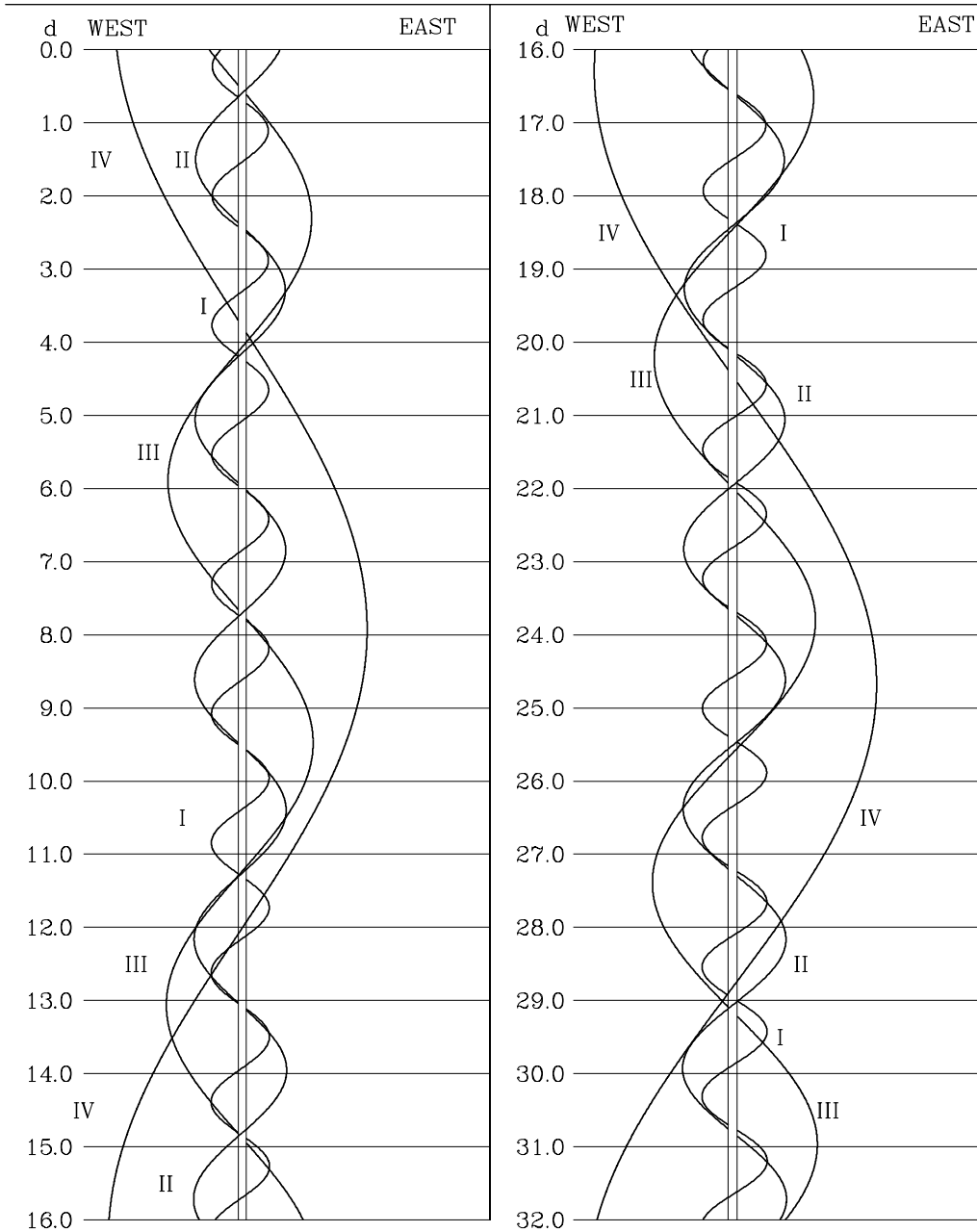
CONFIGURATIONS OF SATELLITES I-IV FOR FEBRUARY






SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR MARCH

UNIVERSAL TIME

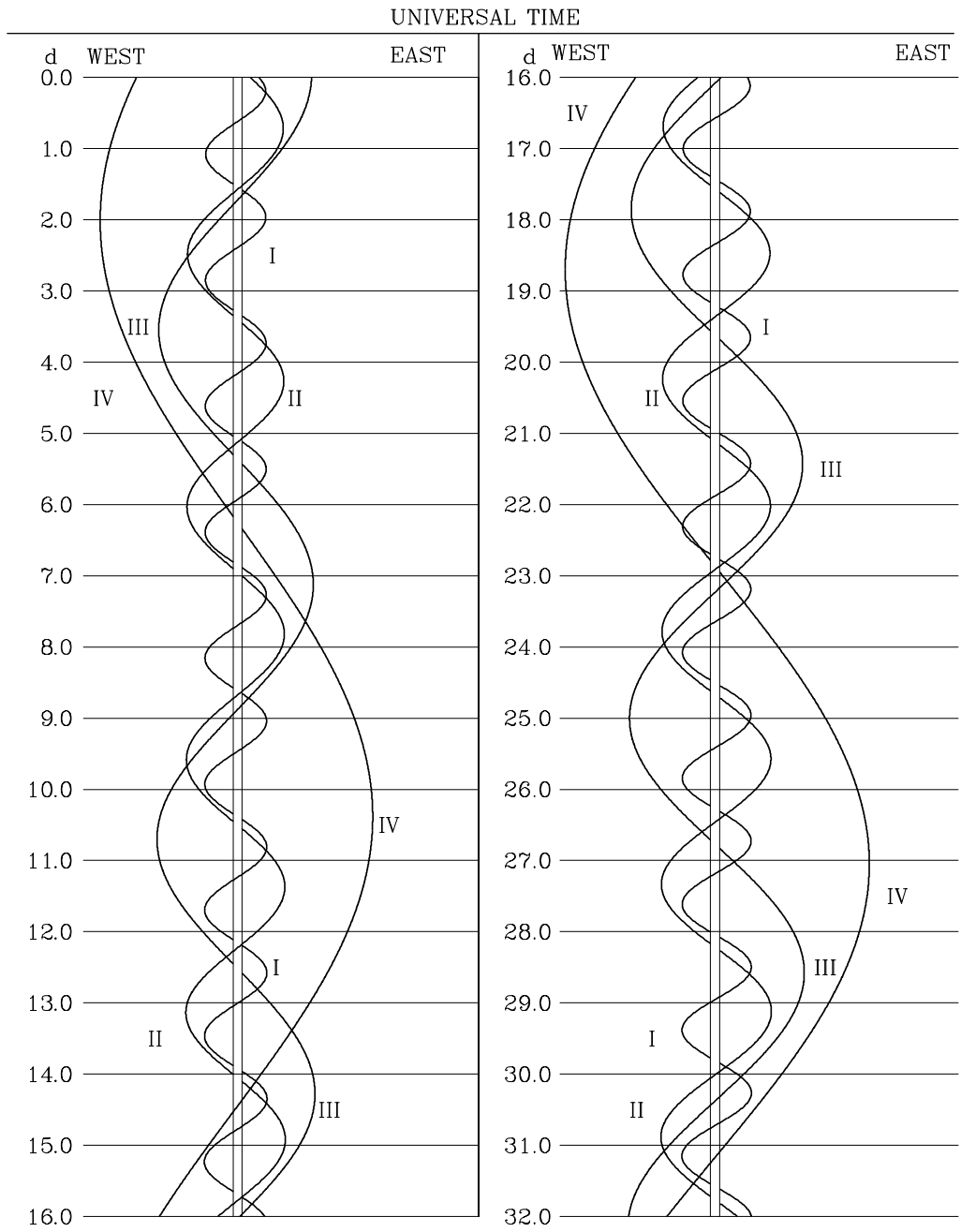


PHASES OF THE ECLIPSES

I WEST	d +		EAST	III WEST	d +	r +		EAST
II	d +	r +		IV	no eclipse			

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR APRIL

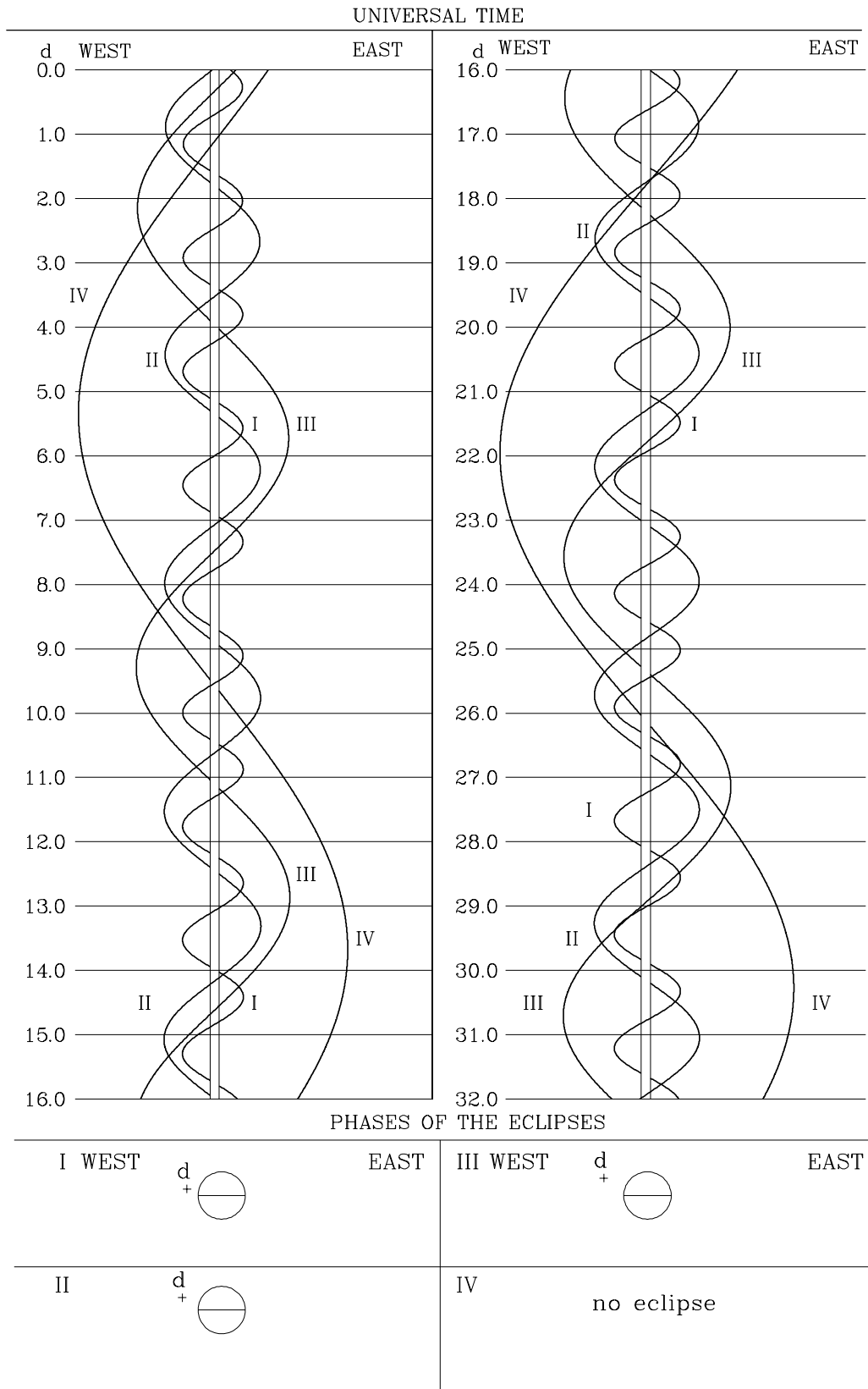


PHASES OF THE ECLIPSES

I WEST d $+$ EAST	III WEST d r $+$ $+$ EAST
II d $+$	IV no eclipse

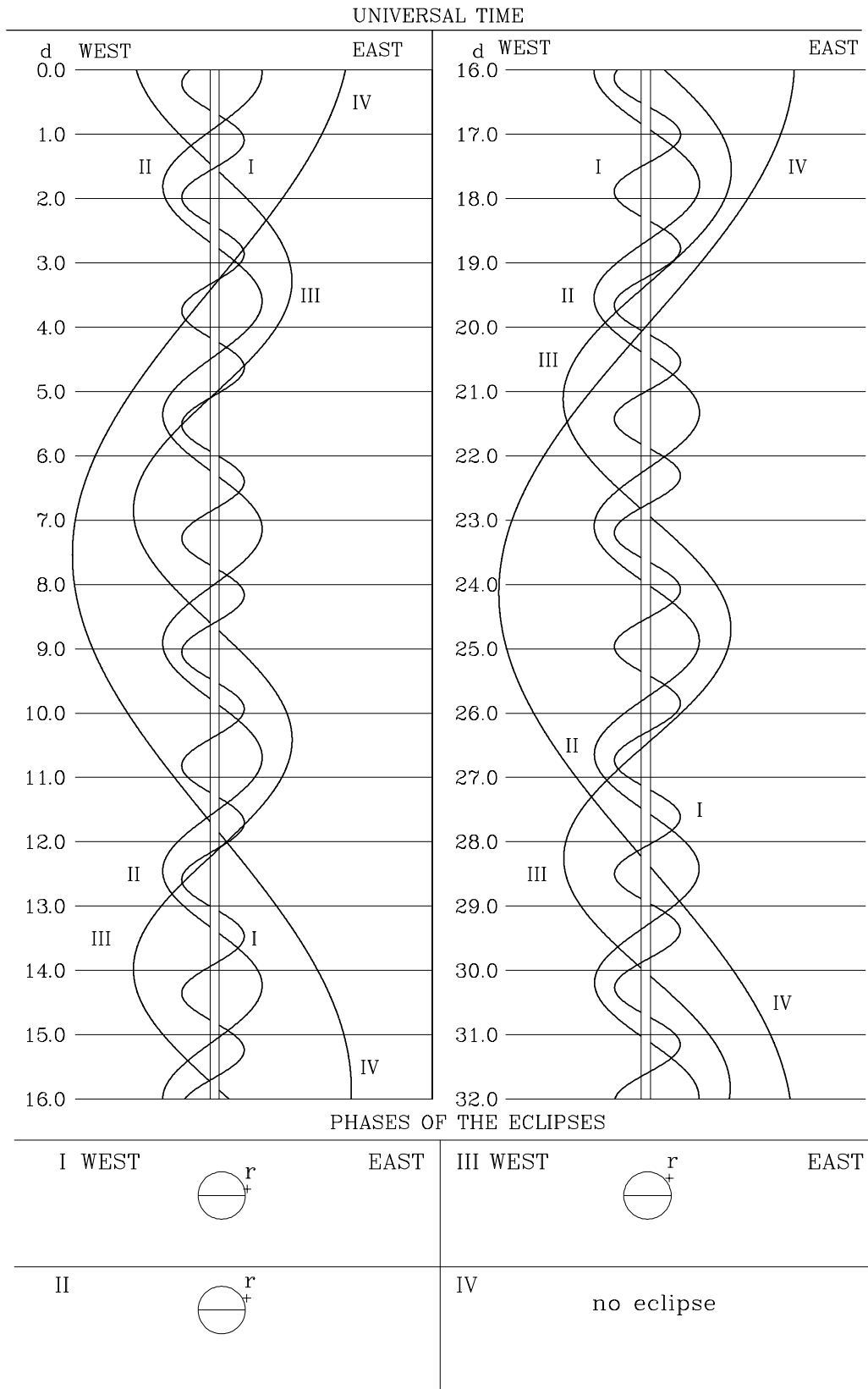
SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR MAY



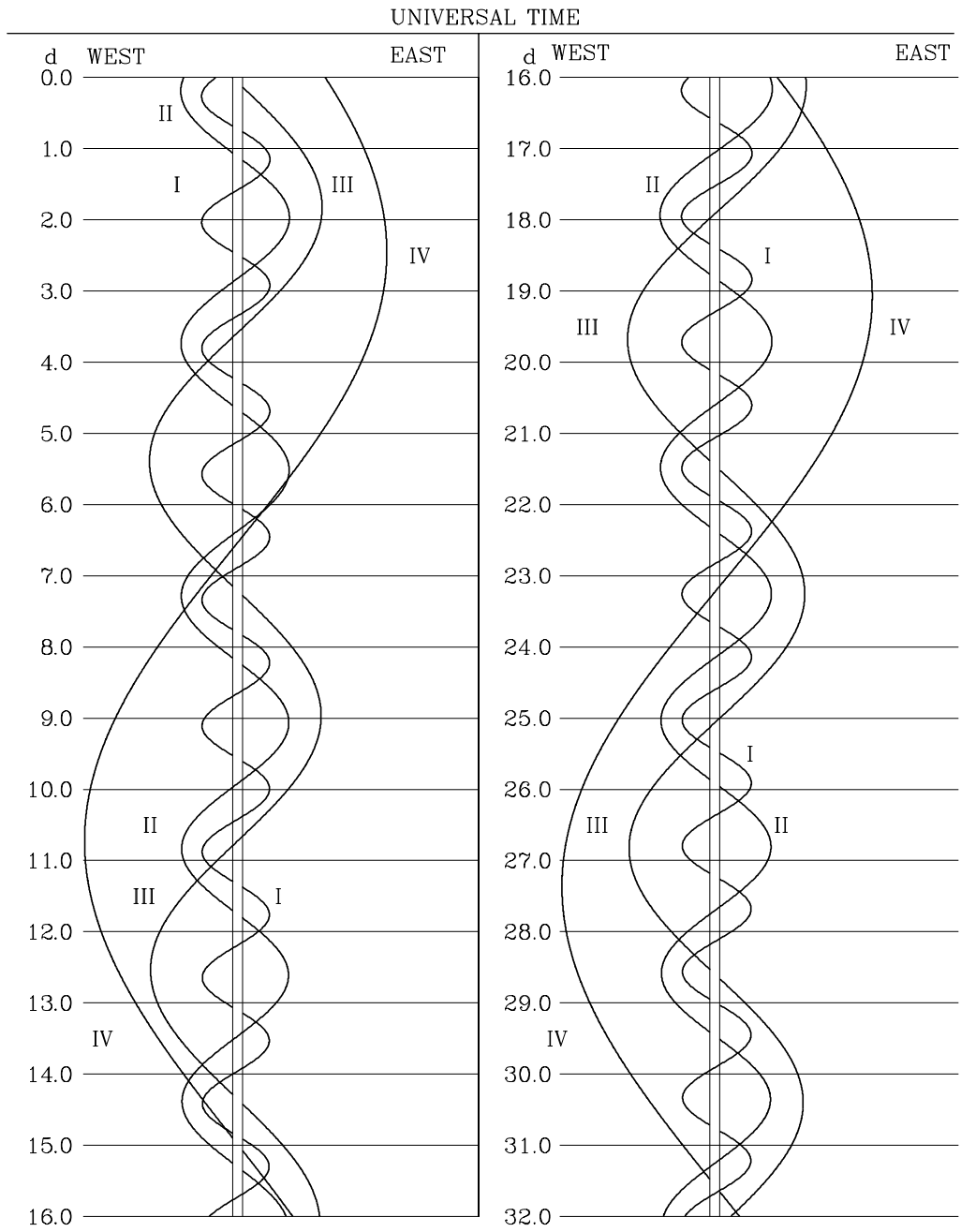
SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR JUNE






SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR JULY

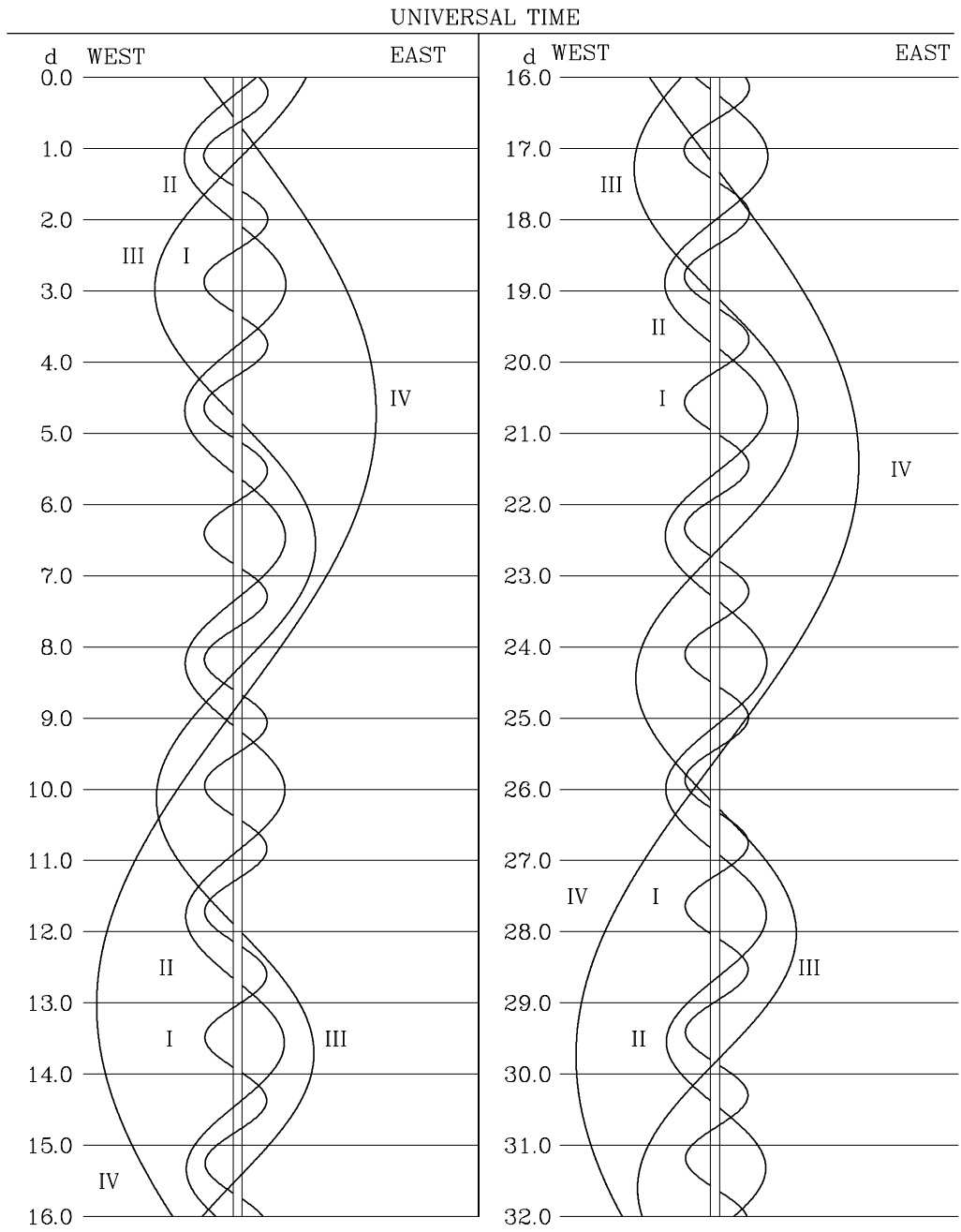


PHASES OF THE ECLIPSES

I WEST 	EAST III WEST 
II 	EAST IV no eclipse

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR AUGUST

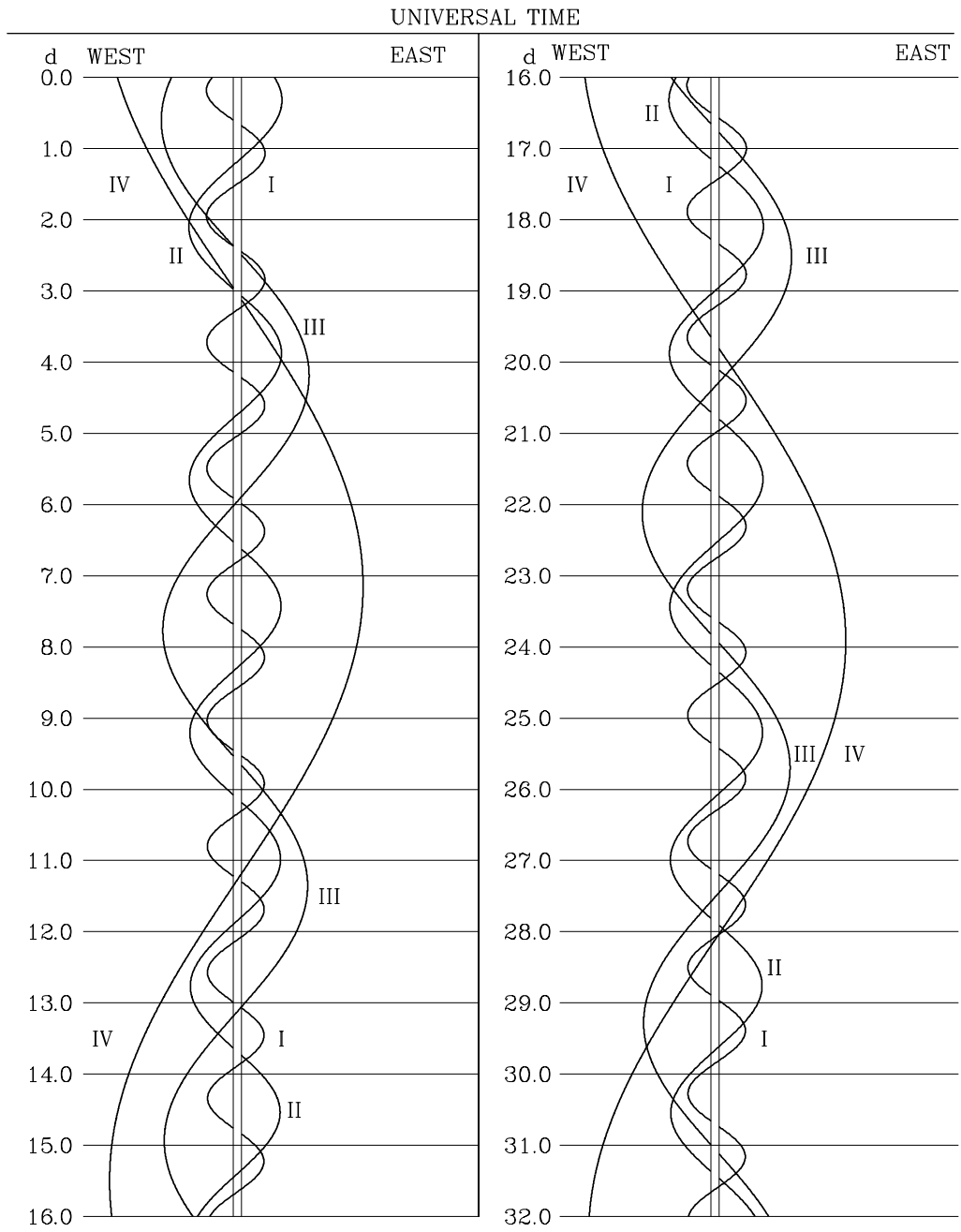


PHASES OF THE ECLIPSES




I WEST r + EAST	III WEST d + r + EAST
II r +	IV no eclipse

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR SEPTEMBER

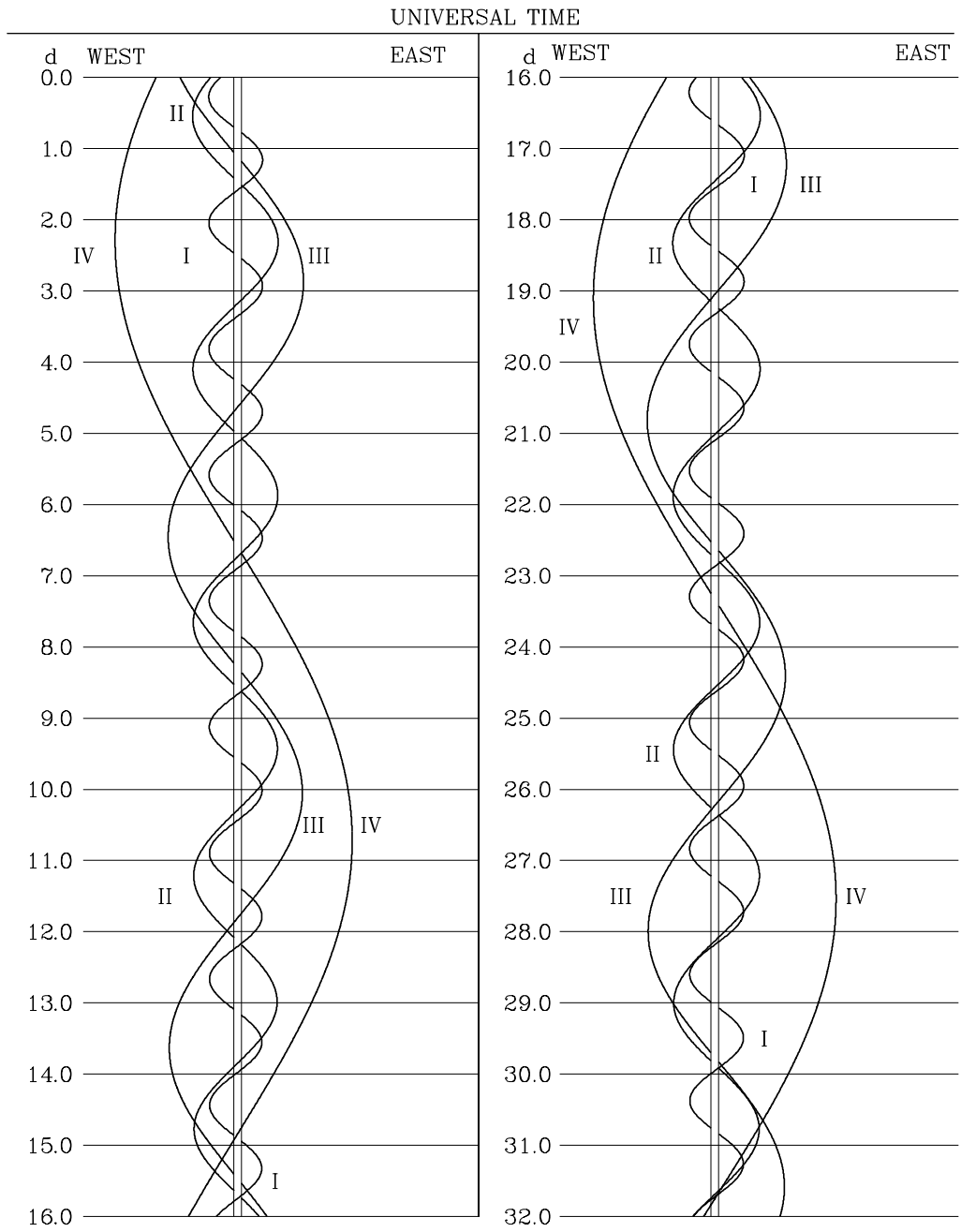


PHASES OF THE ECLIPSES




<p>I WEST EAST</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">  <div style="text-align: center;"> <p>r +</p> </div> </div>	<p>III WEST EAST</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">  <div style="text-align: center;"> <p>d +</p> <p>r +</p> </div> </div>
<p>II</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">  <div style="text-align: center;"> <p>d +</p> <p>r +</p> </div> </div>	<p>IV</p> <p style="font-size: 1.2em;">no eclipse</p>

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR OCTOBER

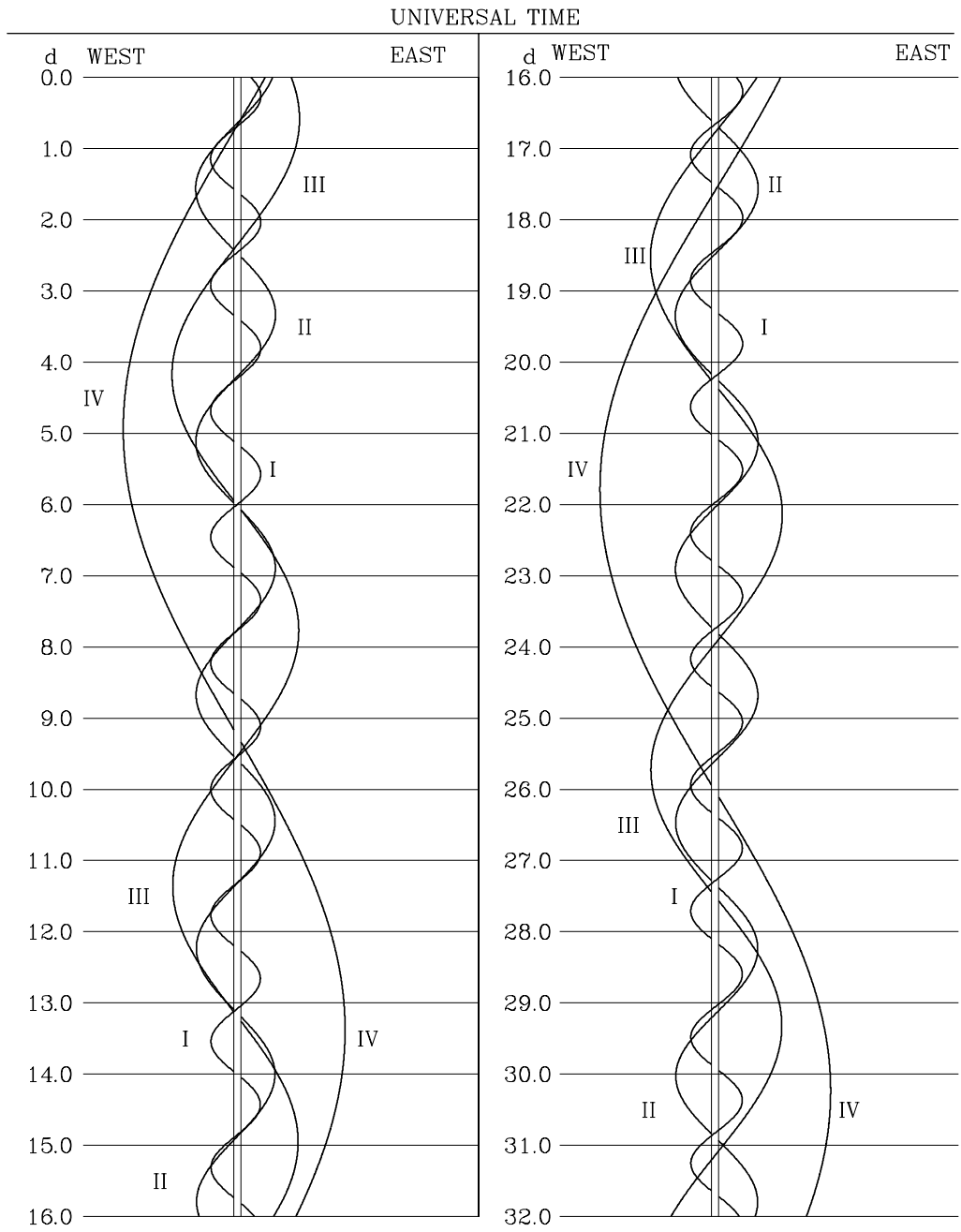


PHASES OF THE ECLIPSES

I WEST  r_+	EAST III WEST  d_+ r_+
II  r_+	EAST IV no eclipse

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR NOVEMBER

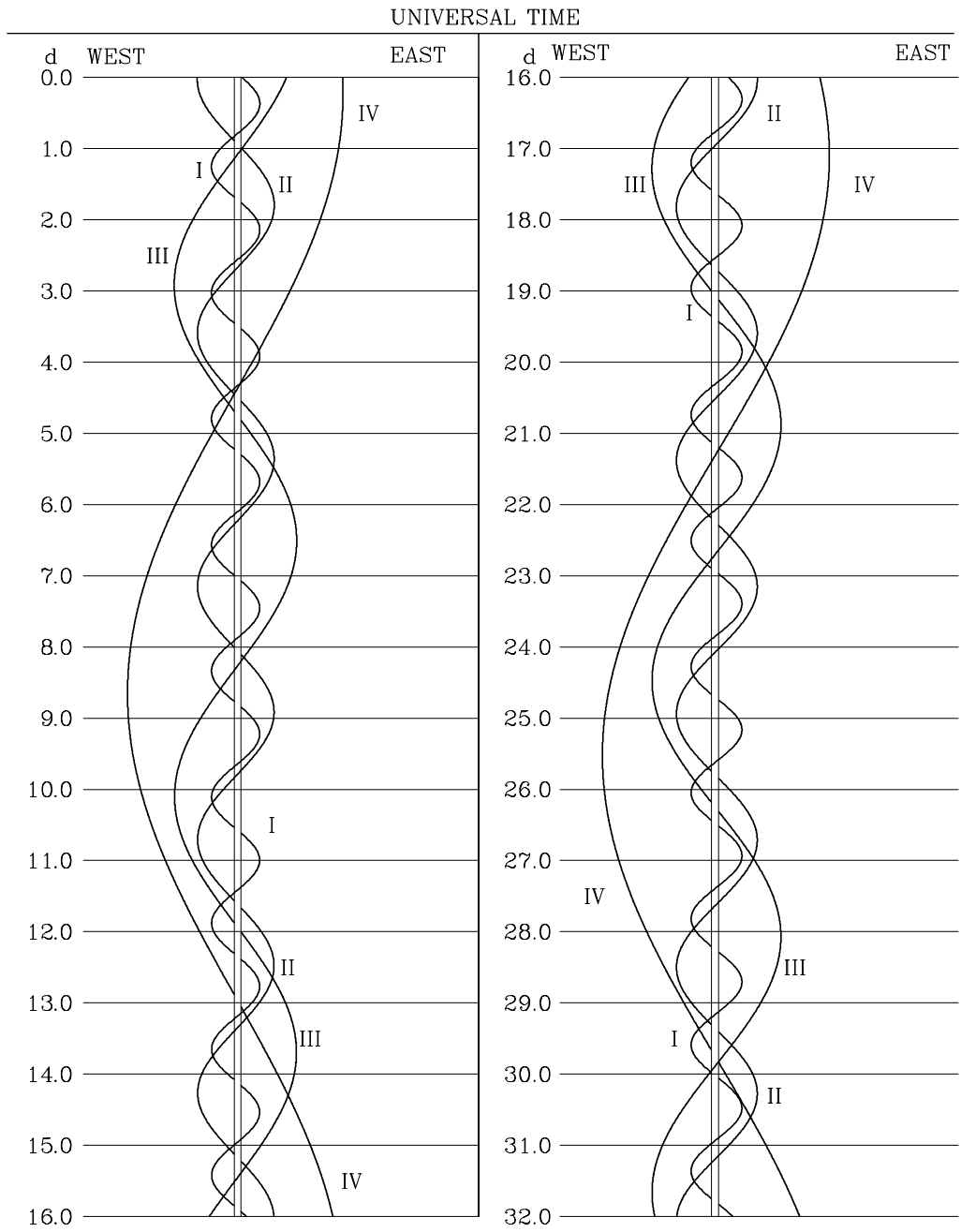


PHASES OF THE ECLIPSES

<p>I WEST EAST</p>	<p>III WEST EAST</p>
<p>II</p>	<p>IV</p>

SATELLITES OF JUPITER-2019

CONFIGURATIONS OF SATELLITES I-IV FOR DECEMBER



PHASES OF THE ECLIPSES

I WEST		EAST	
II		III WEST	
IV		IV	