PSALTer results panel

Wave operator and propagator

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	${}^1\mathcal{W}_{s}^{th} {}^1\mathcal{W}_{s}^{\parallel h}$	0 0	0 0	0 0	0 0	0 0	0 0			0 0	0 0	$^{1}\mathcal{A}_{\mathrm{s}}^{\parallel \mathrm{h}}{}_{\alpha}$	0	0	0	0	0 0	0	0	0	0	$^{3}\mathcal{W}_{\mathbb{S}}^{\parallel}_{lphaeta\chi}$	0	$\mathcal{A}_{s}^{\parallel}_{\alpha\beta\chi}$	0				²⁺ h †	αβ	2 <i>c</i> .	0	β ²⁺ F	$a_s _{\alpha\beta}^2$		β ² · ℋ _a αβ	0					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8	0	0	0	0	0	0	0	0	0	0	$^{1}\mathcal{A}_{\mathrm{s}}{}^{\mathrm{\perp h}}{}_{\alpha}$	0	0	0	0	0 (0	0	0	0	8	s + αβχ	ώ. <u>Γ</u>	- + αβχ				²⁺ ℋ _s ∥ †	αβ			0					_	92	.' + ~ °	2	0591 6 -
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Ø											$_{_{\chi}}^{1}\mathcal{A}_{_{\mathrm{S}}}^{\parallel\mathrm{t}}$	0	0	0	0	0 (0	0	0	0	s αβχ	غ 0		<u>m - </u>	0	0		² Aa∥†°	ιβχ	0		0						+	c ha h ^B	2 a	$c_1 \partial_\beta \mathcal{A}^{\alpha \ \beta}_{\ \alpha}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$													0	0	0	0	0 (0	0	0	0												0			0	0		χ	J		J
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 K	0	0	0	0	0	0	0	0	0	0	×											0	0	0	0	0		독			J	0		J)]]]]==			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$^{1}\mathcal{T}_{1}$	0	0	0	$\frac{1}{2c_{z}}$	0	0	0	0	0	0	h^{\perp}_{α}				2 c.							0	0	0	0	0		-×	>	0	0					$^{0^{+}}h^{\perp}$	0+ _b	σ	∥ ⁰⁺ •74 •	μt '	⁰⁺ Æ. ∣
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\mathcal{M}_{s}^{1+}				0	0					0	$\mathcal{A}_{s}^{\scriptscriptstyle \perp}$										$^{2^+}\mathcal{W}_{S}^{\parallel}{}_{\alpha\beta}$							₹ rt		0					0 ⁺ h ⁺ †	C. 2	- √3				0
$\begin{bmatrix} \frac{1}{2} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & $	$^{1^{+}}\mathcal{W}_{a}^{\perp}\alpha\beta$				0							$\mathcal{A}_{\mathrm{a}^{\perp}\alpha\beta}$											0					_	<u> </u>			$\frac{1}{6c. k^2}$	0 0	0 0			2	-c.	_	2	+	0
	βπ	0	0	0	0	0	0	0	0	0	0												2c.	0	0	0	0		10 th					0 0	0	⁰⁺ ℋ _s ^{⊥t} †	0	-	0	0		0
	Η.	$1^+\mathcal{W}_a$ $+^{\alpha\beta}$	$^{1+}\mathcal{W}_{a}^{\perp} + ^{\alpha\beta}$	$^{1^{+}}\mathcal{W}_{s}^{\perp}$	$^{1}\mathcal{T}^{\perp}$ †	$^{1}\mathcal{W}_{a}^{\parallel}$ †	$^{1}\mathcal{W}_{a}^{\perp}$ †	$^{1}\mathcal{W}_{s}^{\mathrm{tt}}$	$\chi_{\rm slt}^{\dagger}$, ±h +α	v _s ⊪† ^α	1+1	$^{1^{+}}\mathcal{A}_{\mathrm{a}}\mathbb{I}+^{\alpha\beta}$	$^{1+}_{-}\mathcal{A}_{\mathrm{a}}^{\perp}$	1 $^{+}$ $^{\alpha\beta}$	η ₊ † ^α	q _a " + ^α	ιa Ι Γ _ε μτ +α	$^{1}\mathcal{A}_{s}^{\parallel t}$ †	$^{1}\mathcal{A}_{s}^{^{\perp h}} \dagger^{\alpha}$	1 As∥h †α		2,7 ∥ †αβ	+	+	$W_{\rm s}^{\perp} + \alpha \beta$	a + αβχ	$^{2}\mathcal{W}_{s}^{\parallel}$ $^{+\alpha\beta\chi}$	° <u> </u>	-	1	0+ # # + 0				$^{0^{+}}\mathcal{A}_{s}^{{}^{\perph}}\dagger$	0	+	0			0

Massive and massless spectra

(No particles) (No particles)

Unitarity conditions

True