^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Janos Timar and Zoltan Elekes, Balraj Singh	NDS 121, 143 (2014)	31-May-2014

1988Zh10: ^{126}Te(α,nγ) E=16 MeV, Ge, $\gamma\gamma$-coin, excit.
1983Lo08: ^{126}Te(α,nγ) E=16.2 MeV, Ge, $\gamma(\theta)$.
1981He04: ^{126}Te(α,nγ) E=18 MeV, ^{130}Te(^{3}He,4nγ) E=24-27 MeV, Ge, ce, $\gamma(\theta)$, $\gamma\gamma$-coin.
1979Ir01: ^{126}Te(α,nγ) E=18 MeV, Ge, $\gamma(\theta)$, γ(linear pol).
1978Pa09: ^{126}Te(α,nγ) E=16 MeV, Ge.
1970Re01: ^{128}Te(α,3nγ) E=28-43 MeV, Ge, $\gamma(\theta)$.

Evaluators adopt the level scheme from 1988Zh10, although it is a short note. Authors reported that they found As many As 180 transitions connecting 110 levels, but showed only a part of level scheme without values for Iγ and ΔE In Eγ. They also showed several band structures giving No detailed discussions. Evaluators consider the level scheme As tentative.

^{129}Xe Levels

E(level)[†]	J$^\pi$[‡]	$T_{1/2}$[#]	Comments
0.0[@]	1/2$^+$		
39.6[a] 2	3/2$^+$	0.97 ns 2	
236.14[c] 3	11/2$^-$	8.88 d 2	%IT=100
274.28[d] 19	(9/2$^-$)		
318.179[e] 2	3/2$^+$	67.5 ps 20	
321.711[&] 5	5/2$^+$	44.0 ps 19	J$^\pi$: 5/2$^+$ from $\gamma(\theta)$ and linear polarization.
411.496 2	1/2$^+$	81 ps 26	
442.20 15	(5/2)$^+$		
518.7[a] 2	7/2$^+$		
525.3 3	(5/2)$^+$		
572.7[@] 2	5/2$^+$	2.0 ps 2	
588.8 2	3/2$^+$	≤65 ps	J$^\pi$: 3/2, 5/2 from $\gamma(\theta)$ (1979Ir01).
665.5[b] 2	7/2$^+$		
693.0 3	(5/2)		
771.1 4	13/2$^-$		
822.2[&] 2	9/2$^+$		
823.1 3	(3/2$^+$)		
823.3[c] 4	15/2$^-$		
868.2[e] 2	7/2$^+$		
909.9 3	7/2,9/2,11/2		
1022.3 4	7/2$^+$		
1032.0[d] 3	(13/2$^-$)		
1059.6 3	9/2$^+$		
1089.5[a] 2	11/2$^+$		J$^\pi$: 7/2$^+$, 11/2$^+$, 13/2 from $\gamma(\theta)$ and linear polarization.
1194.5 3	(9/2,11/2)		E(level): from Adopted Levels.
1194.6[@] 3	(9/2)		E(level): from Adopted Levels.
1197.7 3			
1229.9 4	(7/2)$^+$		E(level): from 1978Pa09. J$^\pi$: from $\gamma(\theta)$ and linear polarization (1979Ir01).
1241.2 3	(5/2)		
1336.5[b] 3	(11/2)		
1395.5 6	15/2$^-$		
1414.3[&] 3	13/2$^+$		
1430.5 3	(9/2,11/2)		
1497.2[e] 3	(11/2)		
1507.2 4	17/2$^-$		

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^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)

^{129}Xe Levels (continued)

E(level)[†]	J$^{\pi}$[‡]	Comments
1539.4 *3*	(13/2,15/2)	
1576.0[c] *4*	19/2$^-$	
1748.7 *3*		
1755.3 *3*		
1762.5[a] *3*	(15/2)$^+$	
1816.0[d] *5*	(17/2,15/2)	
1888.5? *3*		E(level): E(level)=1886.5 is given in 1988Zh10. Corrected by the evaluators assuming Eγ=694.0 from the level as correct.
1972.2 *5*	17/2$^-$	
2036.2 *3*	(15/2,13/2)	
2048.6[b] *3*	(15/2)	
2064.7[&] *4*	17/2$^+$	
2172.0 *3*		
2180.0 *5*	19/2$^-$	
2293.1 *5*	21/2$^-$	
2307.4 *3*		
2433.5[a] *3*		
2446.3[c] *5*	(23/2$^-$)	
2586.3 *5*	(23/2$^-$)	E(level): from 1981He04.

[†] From Adopted Levels.
[‡] For band structure, assignments are from side feeding excitation functions and their slopes (1988Zh10). Positive-parity bands are described by core plus quasiparticle model and negative-parity bands are reproduced by triaxial-rotor model (1981He04).
[#] From Adopted Levels.
[@] Band(A): $\nu s_{1/2}$,α=+1/2.
[&] Band(B): $\nu d_{3/2}$,α=+1/2.
[a] Band(C): $\nu d_{3/2}$,α=−1/2.
[b] Band(D): $\nu g_{7/2}$,α=−1/2.
[c] Band(E): $\nu h_{11/2}$,α=−1/2. Possible projection=j In triaxial-rotor model.
[d] Band(F): $\nu h_{11/2}$,α=+1/2. Possible projection=j−1 In triaxial-rotor model.
[e] Band(G): $\nu d_{5/2}$.

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)

$\gamma(^{129}Xe)$

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult. [#]	δ [@]	α [&]	Comments
(38.1)		274.28	(9/2$^-$)	236.14	11/2$^-$				E_γ: γ not observed. Expected from systematics of odd Xe nuclei.
(39.6 *2*)		39.6	3/2$^+$	0.0	1/2$^+$				E_γ: γ not observed. Deduced from Eγ differences deexciting 318.2 and 321.8 levels.
146.8 *3*		665.5	7/2$^+$	518.7	7/2$^+$				
156.7 *2*	1.2 *4*	822.2	9/2$^+$	665.5	7/2$^+$				
167.7 *3*		693.0	(5/2)	525.3	(5/2)$^+$				
177.3 *2*		588.8	3/2$^+$	411.496	1/2$^+$				A_2=−0.01 *3*, A_4=−0.02 *4* (1983Lo08).
196.5 *2*		236.14	11/2$^-$	39.6	3/2$^+$	M4		20.4	α(K)=13.67 *21*; α(L)=5.24 *8*; α(M)=1.183 *18* α(N)=0.242 *4*; α(O)=0.0269 *4* E_γ: from 1981He04.
196.9 *2*	10 *1*	518.7	7/2$^+$	321.711	5/2$^+$	(M1(+E2))	−0.03 *11*	0.1248 *20*	α(K)=0.1073 *16*; α(L)=0.0140 *4*; α(M)=0.00284 *7* α(N)=0.000587 *14*; α(O)=7.34×10^{-5} *15* A_2=−0.16 *3*, A_4=−0.05 *4* (1981He04).
234.3 *3*		823.1	(3/2$^+$)	588.8	3/2$^+$				E_γ: Eγ value missing in 1988Zh10. Deduced by the evaluators.
249.5 *2*		822.2	9/2$^+$	572.7	5/2$^+$				
250.8 *3*		693.0	(5/2)	442.20	(5/2)$^+$				
250.9 *2*		572.7	5/2$^+$	321.711	5/2$^+$				
254.5 *2*		572.7	5/2$^+$	318.179	3/2$^+$				
267.0 *2*		588.8	3/2$^+$	321.711	5/2$^+$	D+Q			Reported only by 1979Ir01 and 1978Pa09. A_2=−0.20 *3*, A_4=−0.06 *4* (1979Ir01).
267.3 *2*	3.0 *9*	1089.5	11/2$^+$	822.2	9/2$^+$	D			A_2 is negative (1981He04).
270.6 *2*		588.8	3/2$^+$	318.179	3/2$^+$	D+Q			A_2=−0.17 *11*, A_4=−0.30 *16* (1983Lo08). A_2=−0.22 *4*, A_4=+0.02 *5* (1979Ir01).
278.6 *2*	15.8 *16*	318.179	3/2$^+$	39.6	3/2$^+$	M1+E2	+0.8 *+10−5*	0.0509 *16*	α(K)=0.0429 *7*; α(L)=0.0063 *9*; α(M)=0.00130 *18* α(N)=0.00027 *4*; α(O)=3.2×10^{-5} *3* A_2=+0.18 *16*, A_4=−0.03 *2* (1983Lo08). A_2=+0.13 *2*, A_4=−0.01 *2* (1981He04). A_2=+0.20 *2*, A_4=0.00 *2*, POL=+0.36 *3* (1979Ir01).
282.2 *2*	80 *8*	321.711	5/2$^+$	39.6	3/2$^+$	M1+E2	−0.7 *+4−7*	0.0488 *13*	α(K)=0.0414 *7*; α(L)=0.0060 *7*; α(M)=0.00122 *15* α(N)=0.00025 *3*; α(O)=3.03×10^{-5} *25* A_2=−0.39 *1*, A_4=+0.02 *2* (1983Lo08). A_2=−0.34 *3*, A_4=−0.01 *4* (1981He04). A_2=−0.40 *1*, A_4=+0.02 *1*, POL=+0.09 *1* (1979Ir01).
[x]302.4 *2*	0.5								
303.5 *2*	12.2 *12*	822.2	9/2$^+$	518.7	7/2$^+$	M1+E2	−0.25 *+9−10*	0.0396	α(K)=0.0340 *5*; α(L)=0.00445 *9*; α(M)=0.000903 *19* α(N)=0.000187 *4*; α(O)=2.33×10^{-5} *4* A_2=−0.38 *3*, A_4=−0.03 *5* (1981He04). A_2=−0.52 *2*, A_4=+0.05 *3*, POL=−0.23 *8* (1979Ir01).
318.2 *2*	23.2 *23*	318.179	3/2$^+$	0.0	1/2$^+$	M1+E2	−1.1 *+13−22*	0.0348 *6*	α(K)=0.0293 *9*; α(L)=0.0044 *5*; α(M)=0.00090 *11* α(N)=0.000183 *20*; α(O)=2.19×10^{-5} *15*

$^{129}_{54}Xe_{75}$-3

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)

$\gamma(^{129}Xe)$ (continued)

E_γ[†]	I_γ[‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[#]	δ[@]	α[&]	Comments
									A_2=−0.12 *13*, A_4=0.00 *2* (1983Lo08). A_2=−0.10 *4*, A_4=+0.02 *6* (1981He04). A_2=−0.12 *2*, A_4=0.00 *2*, POL=+0.26 *3* (1979Ir01).
321.8 *2*	23.4 *23*	321.711	5/2$^+$	0.0	1/2$^+$	E2		0.0334	α(K)=0.0277 *4*; α(L)=0.00460 *7*; α(M)=0.000951 *14* α(N)=0.000193 *3*; α(O)=2.23×10^{-5} *4* A_2=+0.19 *1*, A_4=−0.02 *1* (1983Lo08). A_2=+0.17 *4*, A_4=−0.01 *5* (1981He04). A_2=+0.18 *1*, A_4=0.00 *1*, POL=+0.26 *5*, δ(M3/E2)=+0.03 *+5−4* (1979Ir01).
324.8 *3*		1414.3	13/2$^+$	1089.5	11/2$^+$				
343.7 *2*	9.2 *28*	665.5	7/2$^+$	321.711	5/2$^+$	M1+E2	+3.1 *+13−9*	0.0273	α(K)=0.0228 *4*; α(L)=0.00362 *7*; α(M)=0.000746 *14* α(N)=0.000152 *3*; α(O)=1.78×10^{-5} *3* A_2=+0.53 *2*, A_4=−0.01 *3* (1983Lo08). A_2=+0.25 *2*, A_4=+0.09 *3* (1981He04). A_2=+0.46 *2*, A_4=+0.03 *2*, POL=−0.22 *9* (1979Ir01).
347.3 *2*	12.4 *12*	665.5	7/2$^+$	318.179	3/2$^+$	E2		0.0263	α(K)=0.0219 *3*; α(L)=0.00354 *5*; α(M)=0.000730 *11* α(N)=0.0001485 *21*; α(O)=1.730×10^{-5} *25* A_2=+0.26 *3*, A_4=−0.08 *4* (1983Lo08). A_2=+0.17 *5*, A_4=0.06 *6* (1981He04). A_2=+0.21 *2*, A_4=−0.04 *2*, POL=+0.43 *6*, δ(M3/E2)=0.11 *+3−9* (1979Ir01).
348.0 *3*		1762.5	(15/2)$^+$	1414.3	13/2$^+$				
371.9 *2*		411.496	1/2$^+$	39.6	3/2$^+$				A_2=−0.02 *2*, A_4=−0.09 *2* (1983Lo08). A_2=−0.03 *4*, A_4=−0.06 *5* (1979Ir01).
391.1 *3*		665.5	7/2$^+$	274.28	(9/2$^-$)				
394.1 *2*	4.0 *12*	1059.6	9/2$^+$	665.5	7/2$^+$	D+Q			A_2=−0.13 *2*, A_4=+0.10 *4* (1983Lo08).
398.4 *3*		1430.5	(9/2,11/2)	1032.0	(13/2$^-$)				
402.6 *2*	16.1 *16*	442.20	(5/2)$^+$	39.6	3/2$^+$	D(+Q)	0.0 *+3−4*		A_2=−0.06 *2*, A_4=0.00 *3* (1983Lo08). A_2=−0.08 *8*, A_4=0.00 *11* (1981He04).
406.2 *2*	10.6 *11*	2586.3	(23/2$^-$)	2180.0	19/2$^-$				E_γ: from 1981He04.
411.5 *2*		411.496	1/2$^+$	0.0	1/2$^+$	M1			A_2=−0.41 *5*, A_4=−0.28 *8* (1983Lo08). For J^π(411 level)=1/2$^+$, isotropic $\gamma(\theta)$ is expected. A_2=−0.01 *4*, A_4=+0.01 *4*, POL=−0.05 *2* (1979Ir01).
411.6 *3*		823.1	(3/2$^+$)	411.496	1/2$^+$				
420.5 *2*	4.3 *13*	1816.0	(17/2,15/2)	1395.5	15/2$^-$				
442.2 *3*		442.20	(5/2)$^+$	0.0	1/2$^+$				
479.1 *2*	100 *10*	518.7	7/2$^+$	39.6	3/2$^+$	E2		0.01012	α(K)=0.00855 *12*; α(L)=0.001254 *18*; α(M)=0.000257 *4* α(N)=5.25×10^{-5} *8*; α(O)=6.28×10^{-6} *9* A_2=+0.21 *3*, A_4=−0.02 *4* (1981He04). A_2=+0.27 *1*, A_4=−0.08 *1*, POL=+0.42 *2*, δ(M3/E2)=+0.01 *+2−4* (1979Ir01).
485.7 *2*	19.2 *19*	525.3	(5/2)$^+$	39.6	3/2$^+$	(M1+E2)	−0.14 *7*	0.01192 *18*	A_2=−0.38 *3*, A_4=+0.2 *4* (1983Lo08). A_2=−0.18 *2*, A_4=−0.01 *2* (1981He04).
500.4 *2*	56 *6*	822.2	9/2$^+$	321.711	5/2$^+$	E2			A_2=+0.18 *3*, A_4=−0.03 *5* (1981He04).

$^{129}_{54}Xe_{75}$-4

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)

γ(^{129}Xe) (continued)

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[#]	δ[@]	Comments
								A_2=+0.26 *1*, A_4=−0.06 *1*, POL=+0.47 *3*, δ(M3/E2)=+0.09 *2* (1979Ir01).
504.2 *3*		1197.7		693.0	(5/2)			
504.9 *3*		823.1	(3/2$^+$)	318.179	3/2$^+$	(M1+E2)		A_2=−0.11 *6*, A_4=−0.09 *9*, POL=+0.32 *7* (1979Ir01).
521.3 *3*		1430.5	(9/2,11/2)	909.9	7/2,9/2,11/2			
533.1 *2*		572.7	5/2$^+$	39.6	3/2$^+$			
535.1 *2*	72 *7*	771.1	13/2$^-$	236.14	11/2$^-$	(M1+E2)	−0.5 *+2−16*	A_2=−0.65 *5*, A_4=−0.09 *8* (1981He04).
546.2 *2*	11 *3*	868.2	7/2$^+$	321.711	5/2$^+$	M1+E2		A_2=−0.05 *2*, A_4=−0.07 *2* (1983Lo08).
								A_2=−0.11 *2*, A_4=−0.01 *2*, POL=+0.42 *9* (1979Ir01).
549.2 *2*		588.8	3/2$^+$	39.6	3/2$^+$			
550.0 *2*	14 *5*	868.2	7/2$^+$	318.179	3/2$^+$	Q		A_2=+0.21 *2*, A_4=−0.04 *2* (1983Lo08).
570.8 *2*	55 *6*	1089.5	11/2$^+$	518.7	7/2$^+$	E2		A_2=+0.27 *3*, A_4=−0.06 *4* (1981He04).
								A_2=+0.27 *1*, A_4=−0.07 *1*, POL=0.42 *6* (1979Ir01).
572.7 *2*		572.7	5/2$^+$	0.0	1/2$^+$			
576.7 *2*	5.5 *17*	1972.2	17/2$^-$	1395.5	15/2$^-$	(M1+E2)	−2.6 *+17−45*	A_2=−0.57 *15*, A_4=+0.15 *24* (1981He04).
580.1 *2*	5.9 *18*	1022.3	7/2$^+$	442.20	(5/2)$^+$	(M1+E2)	−1.2 *+9−7*	A_2=−0.68 *3*, A_4=+0.11 *4* (1983Lo08).
								A_2=−0.43 *3*, A_4=+0.12 *5* (1981He04).
[x]585.0 *2*	6.0							
587.2 *2*	225 *23*	823.3	15/2$^-$	236.14	11/2$^-$	(Q)		A_2=+0.26 *4*, A_4=−0.02 *6* (1981He04).
588.8 *2*		588.8	3/2$^+$	0.0	1/2$^+$			
592.1 *2*	41 *4*	1414.3	13/2$^+$	822.2	9/2$^+$	Q		A_2=+0.29 *2*, A_4=−0.07 *3* (1981He04).
604.0 *2*	18.4 *18*	2180.0	19/2$^-$	1576.0	19/2$^-$	(M1+E2)	−0.14 *+9−7*	A_2=+0.32 *2*, A_4=−0.01 *2* (1981He04).
621.9 *3*		1194.6	(9/2)	572.7	5/2$^+$			
624.4 *2*	32 *3*	1395.5	15/2$^-$	771.1	13/2$^-$	(M1+E2)	−1.2 *+7−5*	A_2=−0.80 *5*, A_4=+0.12 *8* (1981He04).
629.0 *3*		1497.2	(11/2)	868.2	7/2$^+$			
634.2 *3*		909.9	7/2,9/2,11/2	274.28	(9/2$^-$)			
650.4 *2*	22.2 *22*	2064.7	17/2$^+$	1414.3	13/2$^+$	Q		A_2=+0.24 *4*, A_4=−0.07 *6* (1981He04).
653.4 *3*		693.0	(5/2)	39.6	3/2$^+$			
659.3 *3*		1430.5	(9/2,11/2)	771.1	13/2$^-$			
671.0 *3*		1336.5	(11/2)	665.5	7/2$^+$			
671.2 *3*		2433.5		1762.5	(15/2)$^+$			
671.9 *3*		1197.7		525.3	(5/2)$^+$			
672.3 *3*		909.9	7/2,9/2,11/2	236.14	11/2$^-$			
672.8 *2*	24.0 *24*	1762.5	(15/2)$^+$	1089.5	11/2$^+$	(Q)		A_2=+0.11 *6*, A_4=+0.05 *8* (1981He04).
675.8 *3*		1194.5	(9/2,11/2)	518.7	7/2$^+$			
683.9 *2*	29 *3*	1507.2	17/2$^-$	823.3	15/2$^-$	(M1+E2)	−1.5 *3*	A_2=−0.77 *3*, A_4=+0.08 *4* (1981He04).
689.1 *3*		1748.7		1059.6	9/2$^+$			
694.0[a] *3*		1888.5?		1194.5	(9/2,11/2)			
711.2 *3*		1229.9	(7/2)$^+$	518.7	7/2$^+$	M1		E_γ: from 1978Pa09.
								A_2=+0.36 *6*, A_4=−0.08 *6*, POL=−0.36 *8* (1979Ir01).
712.1 *3*		2048.6	(15/2)	1336.5	(11/2)			
716.1 *3*		1539.4	(13/2,15/2)	823.3	15/2$^-$			
717.1 *2*	9.1 *27*	2293.1	21/2$^-$	1576.0	19/2$^-$	(M1+E2)	−1.9 *5*	A_2=−0.76 *5*, A_4=+0.20 *7* (1981He04).

$^{129}_{54}Xe_{75}$-5

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)

$\gamma(^{129}Xe)$ (continued)

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult. [#]	Comments
733.0 *3*		1755.3		1022.3	$7/2^+$		
736.0 *3*		1507.2	$17/2^-$	771.1	$13/2^-$		
752.7 *2*	73 *7*	1576.0	$19/2^-$	823.3	$15/2^-$		
754.8 *3*		1197.7		442.20	$(5/2)^+$		
757.8 *3*		1032.0	$(13/2^-)$	274.28	$(9/2^-)$		
784.0 *3*		1816.0	(17/2,15/2)	1032.0	$(13/2^-)$		
785.4 *3*		1059.6	$9/2^+$	274.28	$(9/2^-)$		
795.9 *3*		1032.0	$(13/2^-)$	236.14	$11/2^-$		
817.1 *3*		1336.5	(11/2)	518.7	$7/2^+$		
829.7 *3*		1241.2	(5/2)	411.496	$1/2^+$		
[x]864.7 *2*	4.6						
870.4 *2*	26.2 *26*	2446.3	$(23/2^-)$	1576.0	$19/2^-$	(Q)	A_2=+0.11 *9*, A_4=+0.05 *13* (1981He04).
[x]906.4 *2*	4.7						
[x]946.0 *2*	7.1						
992.8 *3*		1816.0	(17/2,15/2)	823.3	$15/2^-$		
1110.2 *3*		2307.4		1197.7			
1213.1 *3*		2036.2	(15/2,13/2)	823.3	$15/2^-$		
1265.1 *3*		2036.2	(15/2,13/2)	771.1	$13/2^-$		E_γ: missing in 1988Zh10. Deduced by the evaluators.
1348.9 *3*		2172.0		823.3	$15/2^-$		

[†] From 1988Zh10, unless otherwise noted. Unplaced γ rays are from 1983Lo08.
[‡] From 1981He04 at angle 125° to the beam.
[#] Multipolarities were deduced from $\gamma(\theta)$(1983Lo08); and linear polarization data from 1979Ir01, unless otherwise noted. Mult=(M1+E2) is assigned based on RUL when there is significant mixture of dipole and quadrupole transitions, and (E2) is expected for most quadrupole transitions.
[@] From 1981He04, unless otherwise noted. Because 1979Ir01 adopted Rose-Brink convention, their sign was reversed by the evaluators.
[&] Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ-ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.
[a] Placement of transition in the level scheme is uncertain.
[x] γ ray not placed in level scheme.

$^{129}_{54}Xe_{75}$-6

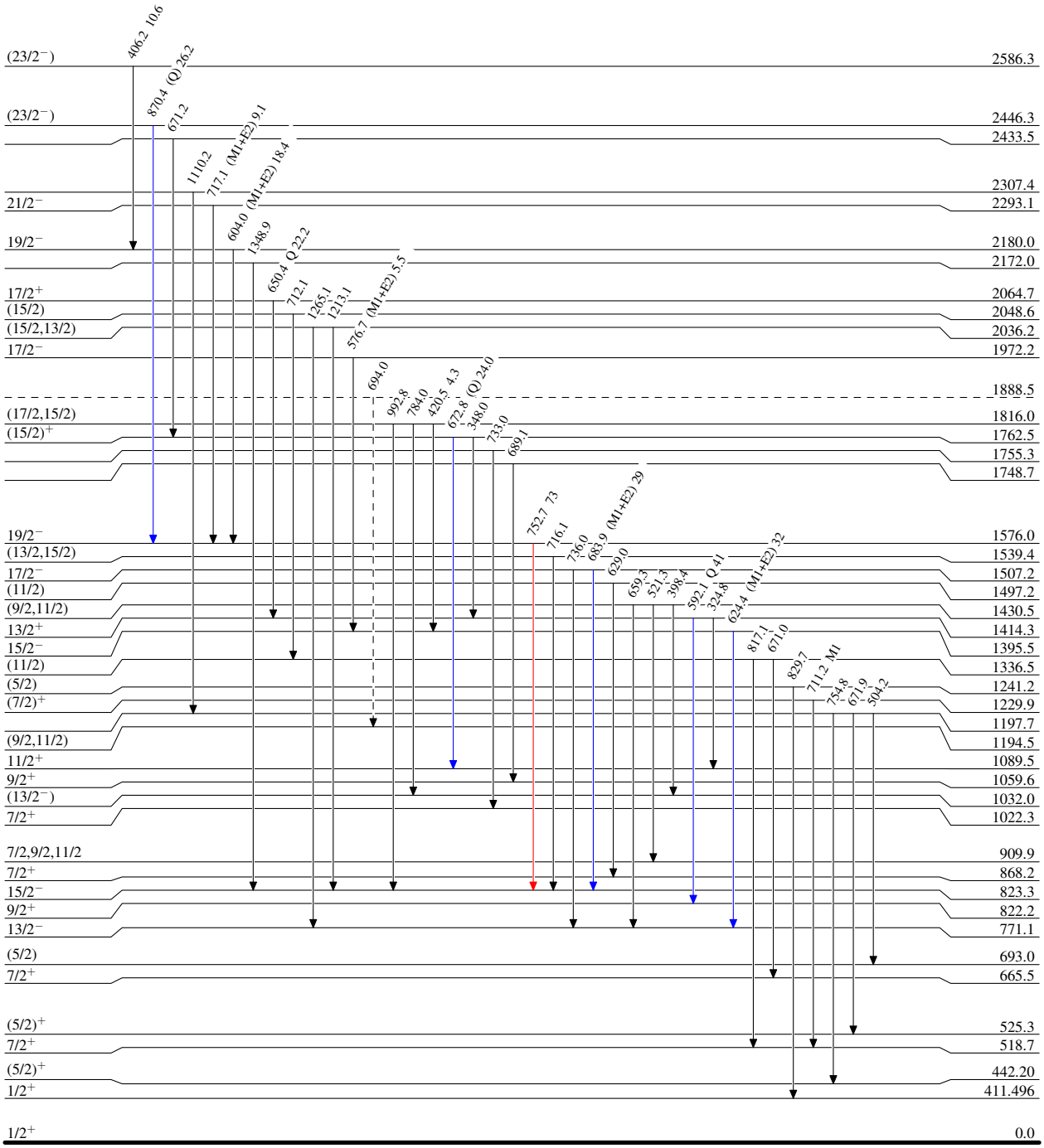
^{126}Te(α,nγ) **1988Zh10,1981He04,1979Ir01**

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$
γ Decay (Uncertain)

Level Scheme

Intensities: Relative I_γ

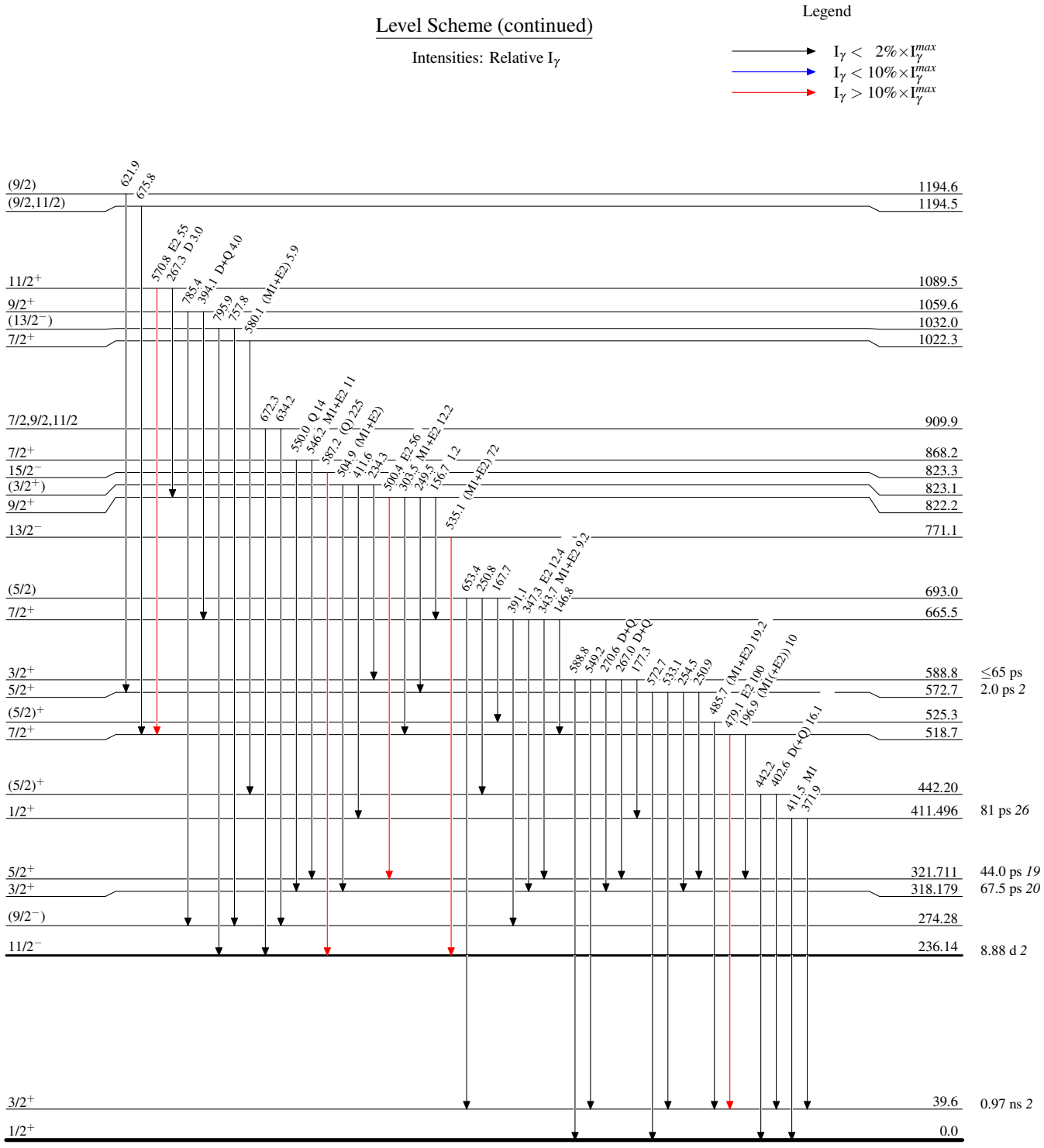


$^{129}_{54}Xe_{75}$

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01

Level Scheme (continued)

Intensities: Relative I_γ

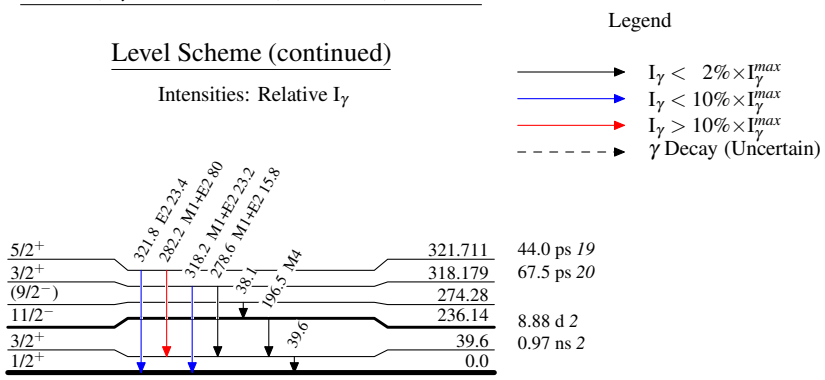


$^{129}_{54}Xe_{75}$

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01

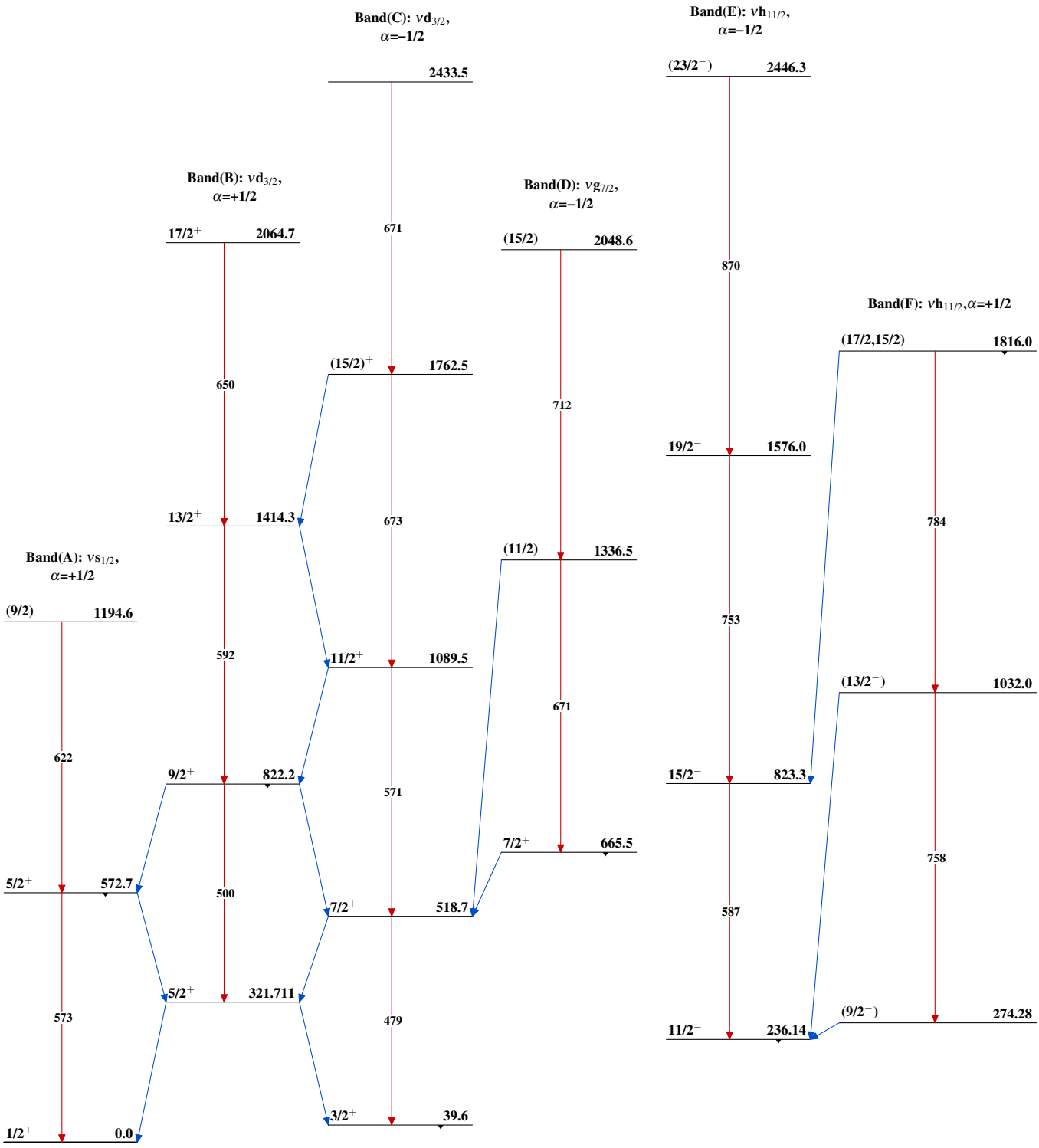
Level Scheme (continued)

Intensities: Relative I_γ



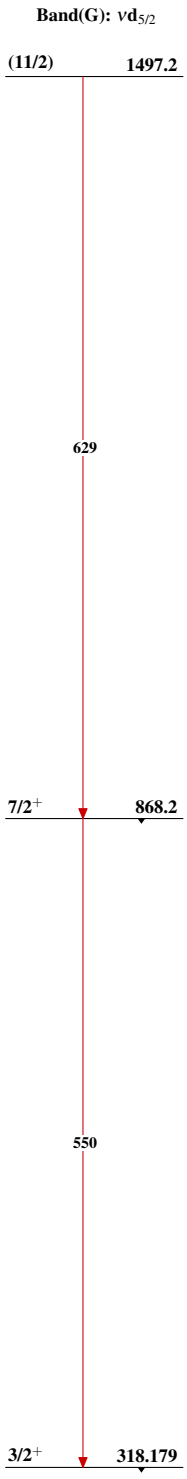
$^{129}_{54}Xe_{75}$

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01



$^{129}_{54}Xe_{75}$

^{126}Te(α,nγ) 1988Zh10,1981He04,1979Ir01 (continued)



$^{129}_{54}Xe_{75}$