

<sup>103</sup>Rh(p,n $\gamma$ ) 1987Ja01,1975Di09

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 2081 (2009)	1-Mar-2009

1987Ja01: E=6.3-12 MeV; measured:  $\gamma$ ,  $I_\gamma(\theta)$ , excit.

1975Di09: E=2.8-4.6 MeV; measured:  $E_\gamma$ ,  $I_\gamma(\theta)$  at E(p)=7.5 MeV, 9 angles  $\theta=30^\circ-145^\circ$ , Ice,  $\gamma\gamma$ -coin at E(p)=10 MeV,  $T_{1/2}$ , deduced: <sup>103</sup>Pd levels;  $\alpha(K)$ exp and mult of  $\gamma$  transitions.

Other: 1971Ma54.

<sup>103</sup>Pd Levels

E(level)	J $\pi^\dagger$	T <sub>1/2</sub>	Comments
0.0	5/2 <sup>+</sup>	16.991 d 19	
118.75 5	3/2 <sup>+</sup>		
243.93 4	7/2 <sup>+</sup>		
266.83 7	5/2 <sup>+</sup>		
499.0 2	(1/2,3/2) <sup>+</sup>		
504.3 1	(1/2,3/2) <sup>+</sup>		
531.96 5	7/2 <sup>+</sup>		
625.74 4	(1/2,3/2,5/2) <sup>+</sup>		
698.78 9	5/2 <sup>+</sup>		
718.02 7	9/2 <sup>+</sup>		
727.4 3	(1/2,3/2) <sup>+</sup>		
784.6 3	11/2 <sup>-</sup>	25 ns 2	g=0.185 25 (1978ScZH) E(level): observed only by 1975Di09. T <sub>1/2</sub> : 25 ns 2 (1975Di09) 67 $\gamma$ (t) pulsed beam. J $^\pi$ : from Adopted Levels. g: from $\gamma(\theta,H,t)$ via <sup>103</sup> Rh(d,2n $\gamma$ ).
884.9 4	5/2 <sup>+</sup>		
900.1 2	9/2 <sup>+</sup>		Branching: $I_\gamma(900\gamma)/I_\gamma(656\gamma)/I_\gamma(633\gamma)/I_\gamma(368\gamma)=100/43\ 10/46\ 11/26\ 6$ (p,n $\gamma$ ), 100/46 13/19 8/31 9 ( <sup>103</sup> Ag decay) (1975Di09). Experimental branching ratios via ( $\alpha,n\gamma$ ),( <sup>12</sup> C,3n $\gamma$ ) do not correspond; see 1974Gr07.
904.10 20	11/2 <sup>+</sup>		E(level): observed only by 1975Di09. J $^\pi$ : from Adopted Levels.
913.4 2	(5/2,7/2) <sup>-</sup>		
1043.52 8	5/2 <sup>+</sup>		
1069.2 4	5/2 <sup>+</sup>		
1155.32 8	5/2 <sup>+</sup>		
1182.76 8	(5/2) <sup>+</sup>		
1273.9 2	7/2 <sup>+</sup>	52 fs +10-7	
1277.0 7	5/2 <sup>+</sup>	45 fs +10-7	
1309.0 6	(9/2) <sup>+</sup>		E(level): observed only by 1975Di09. J $^\pi$ : from Adopted Levels.
1328.9 4	(11/2) <sup>+</sup>		E(level): observed only by 1975Di09. J $^\pi$ : from Adopted Levels.
1386.3 2	5/2 <sup>+</sup>	24 fs +7-4	
1547.1 2	7/2 <sup>+</sup>		
1581.3 7	7/2 <sup>+</sup>	42 fs +10-7	J $^\pi$ : J $^\pi=5/2^+$ in Adopted Levels based on L(d,t)=2.
1592.2 4	7/2 <sup>+</sup>	194 fs +62-42	
1604.8 2	5/2 <sup>+</sup>	55 fs +14-7	
1679.5 8	7/2	14 fs +4-3	
1775.6 3	5/2 <sup>+</sup>		
1775.6 3	(5/2)	97 fs +17-10	
1953.6 3	5/2	48 fs +10-7	
1964.4 2	7/2 <sup>+</sup>	73 fs +17-14	
2233.7 5	5/2 <sup>+</sup>	21 fs +5-4	
2275.6 10	5/2 <sup>+</sup>		

Continued on next page (footnotes at end of table)

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$^{103}\text{Rh}(p,n\gamma)$  **1987Ja01,1975Di09** (continued)

$^{103}\text{Pd}$  Levels (continued)

† As given by [1987Ja01](#), unless indicated otherwise. Apart from parentheses for some levels in the Adopted Levels they are the same as the Adopted values.

$\gamma(^{103}\text{Pd})$

$\alpha(\text{K})_{\text{exp}} = \text{ce}(\text{K})/I_\gamma$  normalized to  $\alpha(\text{K})(244\gamma) = 0.030$  (M1+0.7% E2) theory). No other subshells considered by **1975Di09**.  
 $\alpha(\text{K})$  calculated with  $\delta$  of adopted gammas.

$E_\gamma$ †	$I_\gamma$ #	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$	Mult. @	$\delta$ †	$\alpha^a$	Comments
66.8 2	100 15	784.6	11/2 <sup>-</sup>	718.02	9/2 <sup>+</sup>	(E1)		0.483 8	$\alpha(\text{K})=0.420$ 7; $\alpha(\text{L})=0.0523$ 9; $\alpha(\text{M})=0.00974$ 16; $\alpha(\text{N}+..)=0.00159$ 3
118.73 3	100	118.75	3/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2	0.07 3	0.237 5	
125.16 4	2.0 2	243.93	7/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>				
148.20 3	62.0 25	266.83	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	M1		0.1275 18	Mult.: small admixture of E2 cannot be excluded.
166.95 6	2.6 2	698.78	5/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>				
186	$\approx 7$	904.10	11/2 <sup>+</sup>	718.02	9/2 <sup>+</sup>				
186.15 ‡ 10	9.9 7	718.02	9/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>	M1		0.0688 10	$E_\gamma$ : from <b>1975Di09</b> . Mult.: small E2 admixture not excluded ( <b>1975Di09</b> ).
186.15 8	5.0 4	884.9	5/2 <sup>+</sup>	698.78	5/2 <sup>+</sup>	M1		0.0688 10	$\alpha(\text{K})=0.0600$ 9; $\alpha(\text{L})=0.00727$ 11; $\alpha(\text{M})=0.00137$ 2; $\alpha(\text{N}+..)=0.000230$ Mult.: small E2 admixture not excluded ( <b>1975Di09</b> ).
201.3 2	4.9 4	900.1	9/2 <sup>+</sup>	698.78	5/2 <sup>+</sup>				
237.3 2	9.0 5	504.3	(1/2,3/2) <sup>+</sup>	266.83	5/2 <sup>+</sup>	M1,E2		0.051 15	
243.98 2	98 4	243.93	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2	-0.12 4	0.0341 6	$\alpha(\text{K})=0.0297$ 5; $\alpha(\text{L})=0.00359$ 7; $\alpha(\text{M})=0.000675$ 2; $\alpha(\text{N}+..)=0.0001136$ 21
265.21 3	10.0 9	531.96	7/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>				
266.80 6	38.0 20	266.83	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2	-0.17 11	0.0274 8	$\alpha(\text{K})=0.0239$ 7; $\alpha(\text{L})=0.00288$ 12; $\alpha(\text{M})=0.00054$ 2; $\alpha(\text{N}+..)=0.00010$
288.05 5	5.2 5	531.96	7/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>	E2		0.0339 5	$\alpha(\text{K})_{\text{exp}}=0.018$ 6 Mult.: small M1 admixture not excluded ( <b>1975Di09</b> ).
358.75 4	5.0 6	625.74	(1/2,3/2,5/2) <sup>+</sup>	266.83	5/2 <sup>+</sup>				
368.1 3	11.4 9	900.1	9/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>	(M1)		0.0118 17	$\alpha(\text{K})_{\text{exp}}=0.016$ 4 $\alpha(\text{K})=0.010$
380.15 2	90 4	499.0	(1/2,3/2) <sup>+</sup>	118.75	3/2 <sup>+</sup>				$I_\gamma$ : computed from doublet $I_\gamma=21$ and $I_\gamma(380\gamma)/I_\gamma(885\gamma)\approx 0.35$ . $\alpha(\text{K})_{\text{exp}}=0.0096$ 9 (doublet) $\alpha(\text{K})=0.00957$ for M1.
380.5 3	15.0 9	884.9	5/2 <sup>+</sup>	504.3	(1/2,3/2) <sup>+</sup>				
385.6 1	67 5	504.3	(1/2,3/2) <sup>+</sup>	118.75	3/2 <sup>+</sup>	M1,E2		0.0118 14	
428.7 3	39 8	1328.9	(11/2) <sup>+</sup>	900.1	9/2 <sup>+</sup>	M1,E2			
431.86 3	10.0 5	698.78	5/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>	M1,E2		0.0086 7	$\alpha=0.0086$ 7; $\alpha(\text{K})=0.0075$ 5; $\alpha(\text{L})=0.00093$ 11; $\alpha(\text{M})=0.00017$ 2
451.1 ‡ 2	5.2 3	718.02	9/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>	E2		0.00816	$\alpha=0.00816$ ; $\alpha(\text{K})=0.00705$ 22; $\alpha(\text{L})=0.00091$ 3; $\alpha(\text{M})=0.00017$ 1 $E_\gamma$ : from <b>1975Di09</b> . Mult.: small M1 admixture not excluded ( <b>1975Di09</b> ).
474.2 ‡ 4	9.8 6	718.02	9/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>	M1			$E_\gamma$ : from <b>1975Di09</b> . Mult.: small E2 admixture not excluded ( <b>1975Di09</b> ).

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γ(<sup>103</sup>Pd) (continued)

E <sub>γ</sub> <sup>†</sup>	I <sub>γ</sub> <sup>#</sup>	E <sub>i</sub> (level)	J <sub>i</sub> <sup>π</sup>	E <sub>f</sub>	J <sub>f</sub> <sup>π</sup>	Mult. <sup>@</sup>	δ <sup>†</sup>	α <sup>a</sup>	Comments
499.08 3	10.0 8	499.0	(1/2,3/2) <sup>+</sup>	0.0	5/2 <sup>+</sup>	(M1)			Mult.: M1 not possible if J <sup>π</sup> (499 keV level)=1/2 <sup>+</sup> .
504.2 1	24.0 10	504.3	(1/2,3/2) <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1(+E2)	0.03 3		
531.86 <sup>‡</sup> 5	90 4	531.96	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2	-0.65 20		
540.3 3	16 4	784.6	11/2 <sup>-</sup>	243.93	7/2 <sup>+</sup>	M2		0.0145 2	
580.12 4	74 4	698.78	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	M1+E2			Mult.: δ=0.07 7 or 2.6 +5-3.
608.6 3	83 5	727.4	(1/2,3/2) <sup>+</sup>	118.75	3/2 <sup>+</sup>	M1,E2			
610.8 6	34 8	1309.0	(9/2) <sup>+</sup>	698.78	5/2 <sup>+</sup>	M1,E2			Mult.: M1 excluded if J <sup>π</sup> of initial and final states are correct.
625.65 3	95 4	625.74	(1/2,3/2,5/2) <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1,E2			
633.3 2	17.1 13	900.1	9/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>	E2			
646.7 3	27.0 14	913.4	(5/2,7/2) <sup>-</sup>	266.83	5/2 <sup>+</sup>	E1			
656.2 2	12.3 8	900.1	9/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>	M1+E2			α(K)exp≈0.002 Mult.: δ=-0.26 6 or -3.7 4.
660.2 2	100 14	904.10	11/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>	E2			
669.6 3	17.0 13	913.4	(5/2,7/2) <sup>-</sup>	243.93	7/2 <sup>+</sup>	(E1)			α(K)exp≈0.0017
694.3 <sup>&amp;</sup> 6	12.6 11	2275.6	5/2 <sup>+</sup>	1581.3	7/2 <sup>+</sup>				
698.66 4	13.7 6	698.78	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D(+Q)			Mult.: -0.5≤δ≤+4.8.
717.87 <sup>‡</sup> 10	75 4	718.02	9/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	E2			
727.4 2	17.0 13	727.4	(1/2,3/2) <sup>+</sup>	0.0	5/2 <sup>+</sup>				
741.9 2	17.0 16	1273.9	7/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>				
766.2 2	30.0 15	884.9	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	(D+Q)			α(K)exp=0.0024 6 δ: -0.22 8 or -3.6 3.
776	28 5	1309.0	(9/2) <sup>+</sup>	531.96	7/2 <sup>+</sup>				I <sub>γ</sub> : 3.4 6 doublet resolved via γγ-coin.
776.71 5	10.0 7	1043.52	5/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>				I <sub>γ</sub> : doublet resolved via γγ-coin.
797.4 6	61 12	1328.9	(11/2) <sup>+</sup>	531.96	7/2 <sup>+</sup>	(M1,E2)			Mult.: M1 excluded if J <sup>π</sup> of initial and final states are correct.
799.60 5	20.0 17	1043.52	5/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>				α(K)exp≈0.003
802.4 4	88 7	1069.2	5/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>	(M1,E2)			
874.2 <sup>&amp;</sup> 3	37 3	1592.2	7/2 <sup>+</sup>	718.02	9/2 <sup>+</sup>				
884.8 4	50.0 24	884.9	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	E2(+M1)		0.00141 8	α(K)=0.00123 7; α(L)=0.000144 6 δ: -0.56 17 or ∞.
888.52 8	38 3	1155.32	5/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>	M1,E2			
900.2 2	54 3	900.1	9/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	E2		0.00130	α=0.00130; α(K)=0.00112 4; α(L)=0.00013 α(K)exp=0.0014 3
911.7 <sup>b</sup> 3		1155.32	5/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>				E <sub>γ</sub> : not given by 1987Ja01.
913.5 3	56 4	913.4	(5/2,7/2) <sup>-</sup>	0.0	5/2 <sup>+</sup>	E1		0.00052	α=0.00052; α(K)=0.00045 1
938.85 6	31.0 20	1182.76	(5/2) <sup>+</sup>	243.93	7/2 <sup>+</sup>	D+Q	+1.6 9		
950.3 4	11.6 8	1069.2	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>				
961.5 <sup>&amp;</sup> 5	22 2	1679.5	7/2	718.02	9/2 <sup>+</sup>				
1007.1 2	14.2 12	1273.9	7/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>				
1029.9 2	5.4 5	1273.9	7/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>				
1042.8 <sup>&amp;</sup> 2	20.6 16	1547.1	7/2 <sup>+</sup>	504.3	(1/2,3/2) <sup>+</sup>				

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<sup>103</sup>Rh(p,n $\gamma$ ) **1987Ja01,1975Di09** (continued)

$\gamma(^{103}\text{Pd})$  (continued)

$E_\gamma$ †	$I_\gamma$ #	$E_i$ (level)	$J_i^\pi$	$E_f$	$J_f^\pi$	Mult. @	$\delta^\dagger$	Comments
1043.62 4	70 3	1043.52	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1,E2		$\alpha(\text{K})\text{exp}=0.00065$ 13
1064.6 6	34 8	1309.0	(9/2) <sup>+</sup>	243.93	7/2 <sup>+</sup>	M1,E2		$\alpha(\text{K})\text{exp}=0.00087$ 24
1072.8& 2	23.2 20	1604.8	5/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>			
1076.8& 2	5.0 5	1775.6	(5/2)	698.78	5/2 <sup>+</sup>			
1079.5& 2	32 3	1964.4	7/2 <sup>+</sup>	884.9	5/2 <sup>+</sup>			
1119.6& 2	11.4 12	1386.3	5/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>			
1142.3& 2	12.4 10	1386.3	5/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>			
1147.5 6	78 6	1679.5	7/2	531.96	7/2 <sup>+</sup>	D+Q	-1.5 3	
1155.2 3	16.2 12	1273.9	7/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>			
1155.40 4	62 4	1155.32	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2	-1.5 3	$\alpha(\text{K})\text{exp}\approx 0.00060$
1158.3 5	70 7	1277.0	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	M1+E2		$\alpha(\text{K})\text{exp}=0.00057$ 15
								$\delta$ : +0.29 2 or +1.5 4.
1182.71 6	69 4	1182.76	(5/2) <sup>+</sup>	0.0	5/2 <sup>+</sup>	M1+E2		$\alpha(\text{K})\text{exp}\approx 0.0005$
								Mult.: $\delta=-0.20$ 7 or 2.2 7.
1267.6& 2	38 4	1386.3	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>			
1271.4& 2	60 5	1775.6	(5/2)	504.3	(1/2,3/2) <sup>+</sup>			
1273.9 2	47 5	1273.9	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	(M1+E2)	-0.25 5	
1277.1	30 3	1277.0	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	(M1+E2)	+0.5 1	
1280.3& 2	33 4	1547.1	7/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>			
1303.2& 2	10.8 7	1547.1	7/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>			
1325.4& 3	54 4	1592.2	7/2 <sup>+</sup>	266.83	5/2 <sup>+</sup>			
1337.4& 4	66 5	1581.3	7/2 <sup>+</sup>	243.93	7/2 <sup>+</sup>	D+Q	+0.98 25	
1386.3 2	39 3	1386.3	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D+Q	+1.23 20	
1428.2& 2	8.3 6	1547.1	7/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>			
1486.2& 2	20.0 15	1604.8	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	D(+Q)		$\delta$ : +0.03 10 or +2.8 10.
1547.1& 2	27.6 16	1547.1	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D+Q	-0.10 3	
1557.6& 5	8.8 8	2275.6	5/2 <sup>+</sup>	718.02	9/2 <sup>+</sup>			
1581.2& 4	34 3	1581.3	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D+Q	+0.8 5	
1592.2& 3	9.0 8	1592.2	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>			
1604.7& 3	57 4	1604.8	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D(+Q)		$\delta$ : +0.00 4 or +1.7 2.
1701.7& 10	55 3	2233.7	5/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>	D+Q		$\delta$ : +0.65 13 or +3.2 8.
1743.6& 5	20.0 15	2275.6	5/2 <sup>+</sup>	531.96	7/2 <sup>+</sup>			
1775.6& 2	35.0 18	1775.6	(5/2)	0.0	5/2 <sup>+</sup>	D+Q	-1.6 2	
1845.7& 2	45 3	1964.4	7/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>	(E2)		Mult.: in disagreement with $\delta=0.06$ 2 ( <b>1987Ja01</b> ).
1953.6& 2	100	1953.6	5/2	0.0	5/2 <sup>+</sup>	D+Q		$\delta$ : +4.7 12 if J=5/2. -0.49 12 or -3.7 10 if J=3/2.
1964.3& 2	23.0 12	1964.4	7/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D+Q	+0.21 5	
2156.9& 5	26.6 18	2275.6	5/2 <sup>+</sup>	118.75	3/2 <sup>+</sup>			

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<sup>103</sup>Rh(p,n $\gamma$ ) [1987Ja01](#),[1975Di09](#) (continued)

$\gamma(^{103}\text{Pd})$  (continued)

<u>E<math>\gamma</math><sup>†</sup></u>	<u>I<math>\gamma</math><sup>#</sup></u>	<u>E<math>_i</math>(level)</u>	<u>J<math>_i^{\pi}</math></u>	<u>E<math>_f</math></u>	<u>J<math>_f^{\pi}</math></u>	<u>Mult.<sup>@</sup></u>	<u><math>\delta</math><sup>†</sup></u>
2233.7 & 5	45 3	2233.7	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>	D+Q	-0.73 18
2275.5 & 5	32.0 22	2275.6	5/2 <sup>+</sup>	0.0	5/2 <sup>+</sup>		

<sup>†</sup> From [1987Ja01](#).

<sup>‡</sup> Uncertainties of some  $\gamma$  rays too small to fit into the level energies given by [1987Ja01](#). Therefore uncertainties of those  $\gamma$  rays have been increased or taken from [1975Di09](#) by the evaluator to make them compatible with given level energies of [1987Ja01](#).

<sup>#</sup> From [1987Ja01](#) given in percentage from each level.

<sup>@</sup> Based on  $\alpha(K)\text{exp}$  and or  $A_2$  coef in  $\gamma(\theta)$ .

<sup>&</sup> Only seen by [1987Ja01](#).

<sup>a</sup> Total theoretical internal conversion coefficients, calculated using the BrIcc code ([2008Ki07](#)) with Frozen orbital approximation based on  $\gamma$ -ray energies, assigned multiplicities, and mixing ratios, unless otherwise specified.

<sup>b</sup> Placement of transition in the level scheme is uncertain.

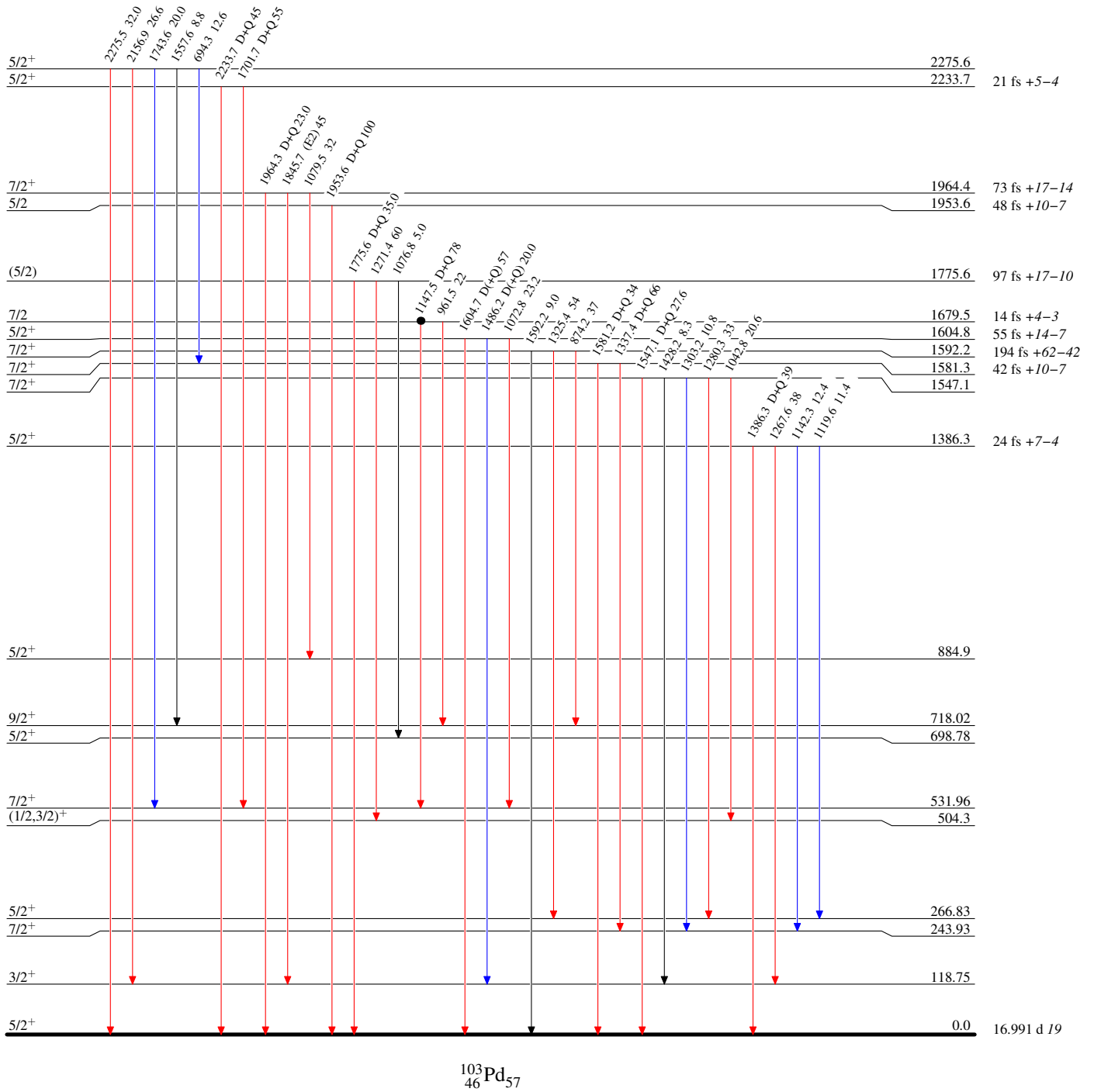
$^{103}\text{Rh}(p,n\gamma)$  1987Ja01,1975Di09

Legend

Level Scheme

Intensities: Type not specified

- $I_\gamma < 2\% \times I_\gamma^{max}$
- $I_\gamma < 10\% \times I_\gamma^{max}$
- $I_\gamma > 10\% \times I_\gamma^{max}$
- Coincidence



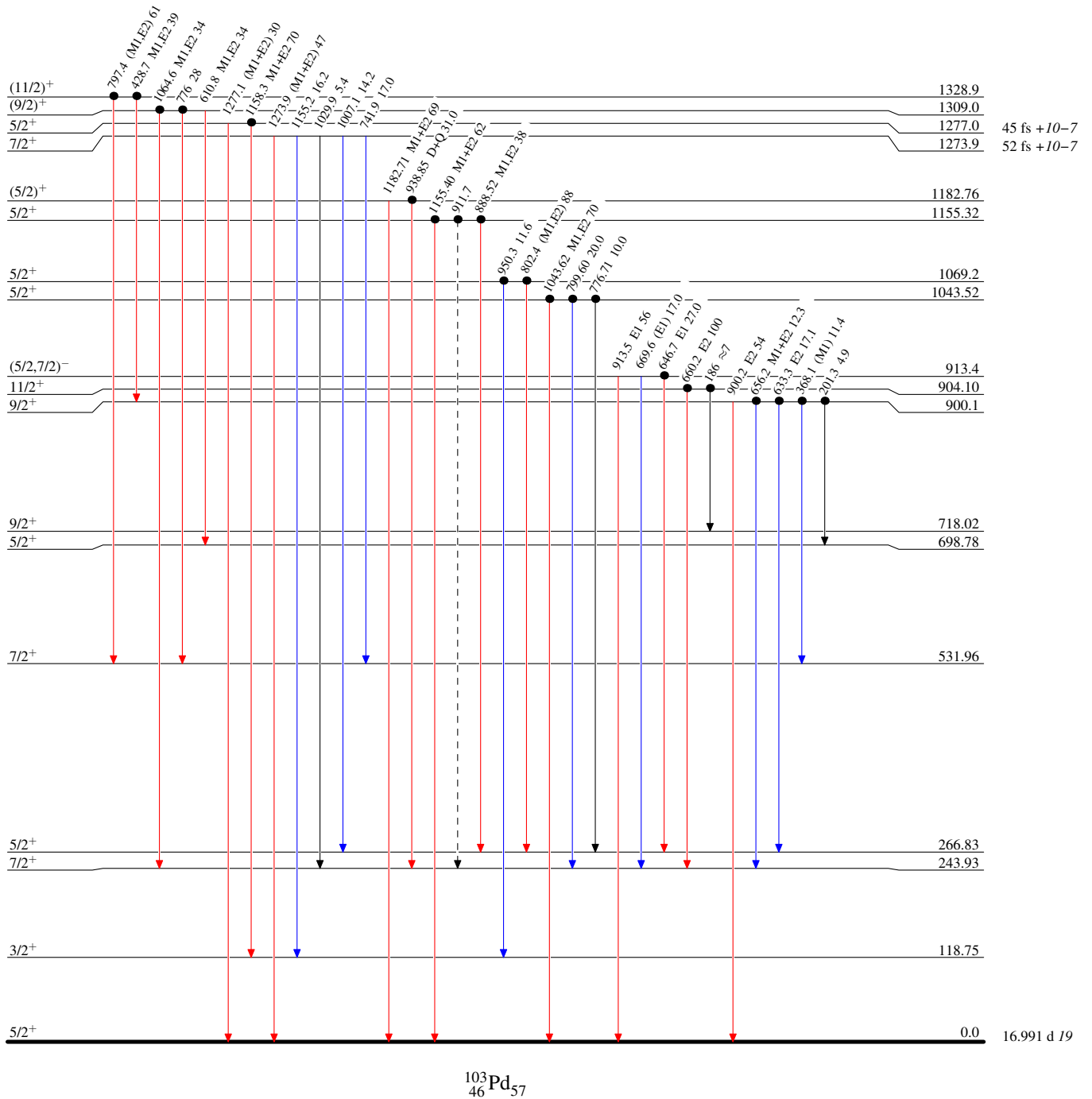
$^{103}\text{Rh}(p,n\gamma)$  1987Ja01,1975Di09

Level Scheme (continued)

Intensities: Type not specified

Legend

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





<sup>103</sup>Rh(p,n) $\gamma$  1987Ja01,1975Dh09

Legend

Level Scheme (continued)  
Intensities: Type not specified

$I_{\gamma} < 2\% \times I_{\gamma_{max}}$   
 $I_{\gamma} < 10\% \times I_{\gamma_{max}}$   
 $I_{\gamma} > 10\% \times I_{\gamma_{max}}$   
 Coincidence

