^{75}Br $Z = 35$ $N = 40$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 647.074 (0.004) MeV
Qbeta+ = 3.063 (0.004) MeV

	Energy	T	J+		J-		J-other		T1/2	
75BR 1			0.000	3/2-			1	96.7 M	13	
75BR 2			0.120	5/2-			2	1.7 NS	3	
75BR 3					0.132	(5/2)+	3	6.1 NS	4	
75BR 4					0.155	(3/2)+	4	1.2 NS	3	
75BR 5					0.179	(1/2-)	5			
75BR 6					0.221	(9/2)+	6	31.7 NS	3	
75BR 7					0.273	(1/2,3/2)-	7			
75BR 8					0.296	(3/2,5/2)-	8			
75BR 9					0.352	(5/2)-	9			
75BR 10					0.374	(7/2)+	10	57 PS	5	
75BR 11					0.518	(7/2-)	11	7.1 PS	5	
75BR 12					0.524		12			
75BR 13					0.702		13			
75BR 14					0.736		14			
75BR 15					0.773	(9/2-)	15	4.0 PS	4	
75BR 16					0.777		16			
75BR 17					0.784	(13/2+)	17	4.7 PS	4	
75BR 18					0.803		18			
75BR 19					0.820		19			
75BR 20					0.833		20			
75BR 21					0.848	(9/2+)	21			
75BR 22					0.902	(3/2,5/2)	22			
75BR 23					0.929		23			
75BR 24					0.940	(11/2+)	24	4.6 PS	9	
75BR 25					0.947		25			
75BR 26					1.023		26			
75BR 27					1.048		27			
75BR 28					1.072	(5/2+,7/2)	28			
75BR 29					1.145		29			
75BR 30					1.150	(11/2-)	30	2.29 PS	7	
75BR 31					1.179		31			
75BR 32					1.224		32			
75BR 33					1.226		33			
75BR 34					1.240		34			
75BR 35					1.258	(9/2-)	35			
75BR 36					1.447		36			
75BR 37					1.501	(3/2+,5/2,7/2+)	37			

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 75BR  38 |                |                |   1.512     (13/2+)          38
 75BR  39 |                |                |   1.516     (13/2-)          39  0.9 PS    3
 75BR  40 |                |                |   1.602     (3/2+,5/2+)      40
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 75BR  41 |                |                |   1.612     (5/2,7/2)+       41
 75BR  42 |                |                |   1.614     (17/2+)          42  0.80 PS   13
 75BR  43 |                |                |   1.636                      43
 75BR  44 |                |                |   1.745                      44
 75BR  45 |                |                |   1.789                      45
 75BR  46 |                |                |   1.791     (15/2+)          46  0.75 PS   15
 75BR  47 |                |                |   1.801                      47
 75BR  48 |                |                |   1.897     (15/2-)          48  0.76 PS   7
 75BR  49 |                |                |   2.070     (13/2-)          49
 75BR  50 |                |                |   2.124                      50
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 75BR  51 |                |                |   2.133     (13/2-)          51
 75BR  52 |                |                |   2.208     (3/2,5/2)        52
 75BR  53 |                |                |   2.301     (17/2+)          53
 75BR  54 |                |                |   2.356     (17/2-)          54  0.81 PS   17
 75BR  55 |                |                |   2.606     (15/2-)          55
 75BR  56 |                |                |   2.659     (21/2+)          56  0.31 PS   4
 75BR  57 |                |                |   2.756     (19/2-)          57  0.55 PS   14
 75BR  58 |                |                |   2.776     (17/2-)          58
 75BR  59 |                |                |   2.864     (19/2+)          59  0.326 PS  35
 75BR  60 |                |                |   2.946                      60
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 75BR  61 |                |                |   3.223     (21/2+)          61
 75BR  62 |                |                |   3.226     (19/2-)          62
 75BR  63 |                |                |   3.274     (21/2-)          63  0.50 PS   7
 75BR  64 |                |                |   3.326     (19/2-)          64
 75BR  65 |                |                |   3.439     (21/2+)          65
S-alpha=   3.639 ( 0.006)-------------------------------------------------------------------------
 75BR  66 |                |                |   3.665     (21/2-)          66
 75BR  67 |                |                |   3.778     (23/2-)          67  0.37 PS   8
 75BR  68 |                |                |   3.870     (25/2+)          68  0.13 PS   3
 75BR  69 |                |                |   4.016                      69
 75BR  70 |                |                |   4.137     (23/2+)          70
-----------                                                                 -----------------
 75BR  71 |                |                |   4.172     (23/2-)          71
S-p    =   4.183 ( 0.004)-------------------------------------------------------------------------
 75BR  72 |                |                |   4.199     (25/2+)          72  0.24 PS   +2-3
 75BR  73 |                |                |   4.350     (25/2-)          73  0.28 PS   4
 75BR  74 |                |                |   4.417     (25/2+)          74
 75BR  75 |                |                |   4.525     (25/2+)          75
 75BR  76 |                |                |   4.782     (25/2-)          76
 75BR  77 |                |                |   4.969     (27/2-)          77  0.18 PS   3
 75BR  78 |                |                |   5.192     (29/2+)          78  0.13 PS   3
 75BR  79 |                |                |   5.294     (27/2-)          79
 75BR  80 |                |                |   5.526     (29/2+)          80
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 75BR  81 |                |                |   5.604     (29/2-)          81  0.12 PS   3
 75BR  82 |                |                |   5.709     (29/2+)          82
 75BR  83 |                |                |   5.811     (29/2+)          83
 75BR  84 |                |                |   6.238     (31/2-)          84  0.21 PS   11
 75BR  85 |                |                |   6.587     (31/2-)          85
 75BR  86 |                |                |   6.631     (33/2+)          86  55 FS     14
 75BR  87 |                |                |   6.940     (33/2-)          87  62 FS     +21-14
 75BR  88 |                |                |   6.992     (33/2+)          88
 75BR  89 |                |                |   7.062     (1/2)-           89  15.1 KEV  23
 75BR  90 |                |                |   7.077     (33/2+)          90
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 75BR  91 |                |                |   7.225     (33/2+)          91
 75BR  92 |  7.400     1/2+|                |                              92   9.0 KEV  19
 75BR  93 |                |                |   7.642     (35/2-)          93
 75BR  94 |  7.903     1/2+|                |                              94   4.2 KEV  35
 75BR  95 |                |                |   7.921     (1/2-,3/2-)      95   9.5 KEV  38
 75BR  96 |  7.990     1/2+|                |                              96  13.5 KEV  24
 75BR  97 |                |                |   8.016     (3/2-)           97   7.3 KEV  27
 75BR  98 |                |                |   8.052     (35/2-)          98
 75BR  99 |  8.157     1/2+|                |                              99  29.3 KEV  19
 75BR 100 |                |                |   8.279     (37/2+)         100  21 FS     +7-6
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 75BR 101 |                |                |   8.307     (3/2+,5/2+)     101  19.9 KEV  14
 75BR 102 |                |                |   8.334     (37/2-)         102  21 FS     7
 75BR 103 |                |                |   8.384     (3/2+,5/2+)     103  22.9 KEV  28
 75BR 104 |                |                |   8.503     (3/2+,5/2+)     104   6.8 KEV  34
 75BR 105 |  8.547     1/2+|                |                              105   9.5 KEV  24
 75BR 106 |                |                |   8.645     (37/2+)         106
 75BR 107 |                |                |   8.693     (37/2+)         107
 75BR 108 |                |                |   9.212     (39/2-)         108
 75BR 109 |                |                |   9.705     (39/2-)         109
 75BR 110 |                |                |   9.884     (41/2-)         110  14 FS     4
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S-p    =   4.183 ( 0.004)-------------------------------------------------------------------------
S-n    =  11.890 ( 0.007)-------------------------------------------------------------------------
S-2p   =  12.732 ( 0.006)-------------------------------------------------------------------------
S-2n   =  21.604 ( 0.008)-------------------------------------------------------------------------
S-alpha=   3.639 ( 0.006)-------------------------------------------------------------------------

S+p       =  -7.196 ( 0.006)
S+n       =  -9.253 ( 0.010)
S+2p      = -10.302 ( 0.004)
S+2n      = -20.271 ( 0.005)
S+alpha   =  -4.121 ( 0.005)

gap p     =  -3.013 ( 0.007)
gap n     =   2.637 ( 0.013)
gap 2p    =   2.431 ( 0.007)
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```
gap 2n    =   1.333 ( 0.009)
gap alpha =  -0.482 ( 0.008)
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