

^{26}Al $Z = 13$ $N = 13$ adopted link ENSDF link

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

BE = 211.894 (0.000) MeV

Qbeta+ = 4.004 (0.000) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|---------|----------|----|------------|------------------|----------------|
| 26AL 1 | 0.000 0 | 5+ | | | 1 7.17E+5 Y 24 |
| 26AL 2 | 0.228 1 | 0+ | | | 2 6.3460 S 8 |
| 26AL 3 | 0.417 0 | 3+ | | | 3 1.20 NS 1 |
| 26AL 4 | 1.058 0 | 1+ | | | 4 25 FS 5 |
| 26AL 5 | 1.759 0 | 2+ | | | 5 3.8 PS 6 |
| 26AL 6 | 1.851 0 | 1+ | | | 6 32 FS 3 |
| 26AL 7 | | | | 2.069 0 (4+) | 7 310 FS 50 |
| 26AL 8 | | | | 2.069 1 (2+) | 8 14 FS 2 |
| 26AL 9 | 2.072 0 | 1+ | | | 9 367 FS 69 |
| 26AL 10 | 2.365 0 | 3+ | | | 10 0.8 PS 2 |
| 26AL 11 | 2.545 0 | 3+ | | | 11 0.69 PS 17 |
| 26AL 12 | 2.661 0 | 2+ | | | 12 3 PS 3 |
| 26AL 13 | 2.740 0 | 1+ | | | 13 31 FS 3 |
| 26AL 14 | 2.913 0 | 2+ | | | 14 68 FS 4 |
| 26AL 15 | 3.074 0 | 3+ | | | 15 194 FS 31 |
| 26AL 16 | 3.160 1 | 2+ | | | 16 3.5 FS 7 |
| 26AL 17 | 3.403 0 | 5+ | | | 17 67 FS 12 |
| 26AL 18 | 3.508 0 | 6+ | | | 18 17 FS 3 |
| 26AL 19 | 3.596 0 | 3+ | | | 19 18 FS 3 |
| 26AL 20 | 3.675 0 | 4+ | | | 20 155 FS 20 |
| 26AL 21 | 3.681 0 | 3+ | | | 21 8.3 FS 14 |
| 26AL 22 | 3.724 0 | 1+ | | | 22 4.2 FS 14 |
| 26AL 23 | 3.751 0 | 2+ | | | 23 22 FS 6 |
| 26AL 24 | 3.754 1 | 0+ | | | 24 5 FS 2 |
| 26AL 25 | | | | 3.922 0 7+, (5+) | 25 19 FS 4 |
| 26AL 26 | | | | 3.963 0 (3+) | 26 37 FS 5 |
| 26AL 27 | | | 3.978 0 0- | | 27 1.0 PS GT |
| 26AL 28 | | | | 4.192 1 (3+) | 28 5 FS 2 |
| 26AL 29 | | | | 4.206 0 (4+) | 29 62 FS 10 |
| 26AL 30 | 4.349 0 | 3+ | | | 30 9 FS 3 |
| 26AL 31 | | | 4.431 0 2- | | 31 59 FS 13 |
| 26AL 32 | | | 4.480 0 0- | | 32 62 FS 12 |
| 26AL 33 | 4.548 1 | 2+ | | | 33 11 FS LT |
| 26AL 34 | | | | 4.599 1 (3+) | 34 5 FS 2 |
| 26AL 35 | | | | 4.622 0 (2-) | 35 53 FS 18 |
| 26AL 36 | | | | 4.705 1 (4+) | 36 3 FS LT |
| 26AL 37 | 4.773 0 | 4+ | | | 37 82 FS 12 |

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|---------|---|----------------|----|---------|-----------|-----------|----|--|
| 26AL 38 | | | | 4.940 0 | (1-) | 38 69 FS | 14 | |
| 26AL 39 | | | | 4.941 0 | (5+) | 39 24 FS | 6 | |
| 26AL 40 | | | | 4.952 0 | (3+) | 40 10 FS | 3 | |
| ----- | | | | | | | | |
| 26AL 41 | | | | 5.007 0 | (2-) | 41 120 FS | 30 | |
| 26AL 42 | | | | 5.010 0 | (1+) | 42 6 FS | LT | |
| 26AL 43 | | | | 5.132 1 | (4+) | 43 3 FS | LT | |
| 26AL 44 | | | | 5.142 1 | (2+) | 44 4 FS | LT | |
| 26AL 45 | | | | 5.195 1 | (0+) | 45 24 FS | LT | |
| 26AL 46 | | | | 5.245 0 | (4+) | 46 12 FS | 3 | |
| 26AL 47 | | | | 5.396 0 | (4-) | 47 65 FS | 50 | |
| 26AL 48 | | | | 5.431 0 | (1-) | 48 12 FS | 6 | |
| 26AL 49 | | | | 5.457 0 | (3-) | 49 17 FS | 4 | |
| 26AL 50 | | | | 5.462 0 | 0+, (1,2) | 50 20 FS | LT | |
| ----- | | | | | | | | |
| 26AL 51 | | | | 5.488 0 | 5+, (4-) | 51 17 FS | 6 | |
| 26AL 52 | | | | 5.495 0 | (2+) | 52 5 FS | LT | |
| 26AL 53 | | | | 5.513 0 | (4+) | 53 35 FS | 4 | |
| 26AL 54 | | | | 5.545 1 | (2+) | 54 15 FS | 13 | |
| 26AL 55 | | | | 5.569 0 | (4,5) | 55 | | |
| 26AL 56 | | | | 5.585 0 | (1) | 56 6 FS | LT | |
| 26AL 57 | | | | 5.598 0 | (2,3)- | 57 19 FS | 7 | |
| 26AL 58 | | 5.671 0 | 1+ | | | 58 30 FS | LT | |
| 26AL 59 | | | | 5.676 0 | (4-) | 59 22 FS | 10 | |
| 26AL 60 | | | | 5.692 0 | (3-) | 60 2.8 FS | 11 | |
| ----- | | | | | | | | |
| 26AL 61 | | | | 5.726 1 | (4+) | 61 5 FS | LT | |
| 26AL 62 | | | | 5.849 0 | (2+) | 62 10 FS | 6 | |
| 26AL 63 | | | | 5.883 0 | (3+) | 63 12 FS | LT | |
| 26AL 64 | | | | 5.916 0 | (2-) | 64 2 FS | LT | |
| 26AL 65 | | | | 5.924 1 | (4+) | 65 12 FS | LT | |
| 26AL 66 | | | | 5.950 0 | 1(+) | 66 30 FS | LT | |
| 26AL 67 | | | | 6.028 1 | (1+) | 67 4 FS | LT | |
| 26AL 68 | | | | 6.084 0 | (5-) | 68 90 FS | 20 | |
| 26AL 69 | | | | 6.086 0 | (1-,2+) | 69 14 FS | 11 | |
| 26AL 70 | | | | 6.120 0 | (4 TO 6)+ | 70 10 FS | 3 | |
| ----- | | | | | | | | |
| 26AL 71 | | | | 6.198 0 | (1,2+) | 71 | | |
| 26AL 72 | | | | 6.238 0 | (1) | 72 7 FS | LT | |
| 26AL 73 | | | | 6.254 0 | (3-) | 73 | | |
| 26AL 74 | | 6.270 0 | 1+ | | | 74 9 FS | LT | |
| 26AL 75 | | | | 6.280 0 | (3+) | 75 14 FS | LT | |
| ----- | | | | | | | | |
| S-p | = | 6.306 (0.000) | | ----- | | | | |
| 26AL 76 | | | | 6.343 0 | (3-) | 76 6 FS | LT | |
| 26AL 77 | | | | 6.364 1 | (3+) | 77 22 FS | 11 | |
| 26AL 78 | | | | 6.399 0 | (1+,2) | 78 | | |
| 26AL 79 | | | | 6.414 1 | (0 TO 2+) | 79 | | |
| 26AL 80 | | | | 6.436 0 | (3 TO 5+) | 80 17 FS | LT | |
| ----- | | | | | | | | |
| 26AL 81 | | | | 6.496 0 | (3 TO 5+) | 81 8 FS | LT | |

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|----------|---------|---------|----|------------|-------------|-----|---------|----|
| 26AL 82 | | | | 6.551 0 | (4+,5-) | 82 | | |
| 26AL 83 | | | | 6.598 0 | (5+) | 83 | | |
| 26AL 84 | | | | 6.610 0 | (3-) | 84 | | |
| 26AL 85 | | | | 6.680 0 | (2+) | 85 | 1.2 EV | 3 |
| 26AL 86 | | | | 6.695 0 | (7) | 86 | | |
| 26AL 87 | | | | 6.724 0 | (4-) | 87 | | |
| 26AL 88 | | | | 6.784 0 | (2-) | 88 | | |
| 26AL 89 | | | | 6.789 0 | (3-) | 89 | | |
| 26AL 90 | | | | 6.801 0 | (3+) | 90 | 0.34 EV | 6 |
| ----- | | | | | | | | |
| 26AL 91 | | | | 6.802 0+1 | 1+, (1-,2-) | 91 | 0.34 EV | 6 |
| 26AL 92 | | | | 6.816 0 | 6+, (4,5) | 92 | 15 FS | LT |
| 26AL 93 | | | | 6.818 1 | (4+) | 93 | 0.7 EV | 3 |
| 26AL 94 | | | | 6.852 1+0 | (2+) | 94 | | |
| 26AL 95 | 6.874 0 | 1+ | | | | 95 | 0.43 EV | 23 |
| 26AL 96 | | | | 6.876 1 | (2+) | 96 | | |
| 26AL 97 | | | | 6.892 0 | (6-) | 97 | | |
| 26AL 98 | | | | 6.936 0 | (1+) | 98 | | |
| 26AL 99 | | | | 6.964 1 | (3-) | 99 | | |
| 26AL 100 | | | | 7.001 0 | (2+) | 100 | | |
| ----- | | | | | | | | |
| 26AL 101 | | | | 7.015 0 | (5+) | 101 | 0.18 EV | 5 |
| 26AL 102 | | | | 7.051 0 | (3+) | 102 | 0.95 EV | 11 |
| 26AL 103 | | 7.086 1 | 1- | | | 103 | | |
| 26AL 104 | | | | 7.093 0 | (2+) | 104 | 0.68 EV | 12 |
| 26AL 105 | | | | 7.109 0 | (4)- | 105 | 75 EV | 20 |
| 26AL 106 | | | | 7.142 0(+) | (2)- | 106 | 200 EV | 50 |
| 26AL 107 | | | | 7.153 0 | (3)+ | 107 | 90 EV | 25 |
| 26AL 108 | | | | 7.161 0 | (3)- | 108 | 90 EV | 25 |
| 26AL 109 | | | | 7.168 0 | (4)- | 109 | 80 EV | 20 |
| 26AL 110 | 7.198 0 | 1+ | | | | 110 | | |
| ----- | | | | | | | | |
| 26AL 111 | | | | 7.222 1 | (5+) | 111 | | |
| 26AL 112 | | | | 7.238 0 | (3)- | 112 | 100 EV | 25 |
| 26AL 113 | | | | 7.254 1(+) | (2)- | 113 | 3.4 KEV | 5 |
| 26AL 114 | | | | 7.286 0 | 0-, (1,2) | 114 | | |
| 26AL 115 | | | | 7.291 0 | (4,3)+ | 115 | 55 EV | 15 |
| 26AL 116 | | | | 7.308 1 | (2+) | 116 | | |
| 26AL 117 | | | | 7.348 1(+) | (4)- | 117 | 1.3 KEV | 2 |
| 26AL 118 | | | | 7.366 0 | (5+) | 118 | | |
| 26AL 119 | | | | 7.397 0 | (2)+ | 119 | 45 EV | 11 |
| 26AL 120 | | | | 7.399 1 | (3)- | 120 | 1.9 KEV | 3 |
| ----- | | | | | | | | |
| 26AL 121 | | | | 7.410 1(+) | (4)- | 121 | 230 EV | 60 |
| 26AL 122 | | | | 7.425 0 | (4)+ | 122 | 65 EV | 15 |
| 26AL 123 | | | | 7.439 1 | 0, (1,2) | 123 | | |
| 26AL 124 | | | | 7.444 0 | (1)- | 124 | 45 EV | 10 |
| 26AL 125 | 7.455 0 | 1+ | | | | 125 | | |
| 26AL 126 | | | | 7.464 0+1 | (3+) | 126 | | |
| 26AL 127 | | | | 7.495 0+1 | (3)+ | 127 | 80 EV | 20 |

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|----------|--|-------|--------|-------|------|---------|-----|----------|-----|
| 26AL 128 | | | | 7.497 | 0(+) | (2)- | 128 | 750 EV | 200 |
| 26AL 129 | | | | 7.529 | 0 | (6-) | 129 | | |
| 26AL 130 | | | | 7.540 | 1 | (2)- | 130 | 2.1 KEV | 3 |
| ----- | | | | | | | | | |
| 26AL 131 | | | | 7.548 | 0 | (5-) | 131 | | |
| 26AL 132 | | | | 7.558 | 0 | (2)+ | 132 | 170 EV | 40 |
| 26AL 133 | | | | 7.561 | 1 | (2)+ | 133 | 3.1 KEV | 5 |
| 26AL 134 | | | | 7.592 | 0 | (4,3)+ | 134 | 17 EV | 4 |
| 26AL 135 | | | | 7.596 | 0 | (5+) | 135 | | |
| 26AL 136 | | | | 7.605 | 0(+) | (2)- | 136 | 500 EV | 80 |
| 26AL 137 | | | | 7.623 | 0 | (1+) | 137 | | |
| 26AL 138 | | | | 7.628 | 1 | (5)+ | 138 | 10 EV | 3 |
| 26AL 139 | | | | 7.648 | 0 | (1+,2+) | 139 | 23 EV | 14 |
| 26AL 140 | | | | 7.762 | 0 | (3)- | 140 | | |
| ----- | | | | | | | | | |
| 26AL 141 | | | | 7.772 | 0 | (3+) | 141 | | |
| 26AL 142 | | | | 7.773 | 0 | (1)- | 142 | 5.3 KEV | 8 |
| 26AL 143 | | 7.814 | 0+1 1+ | | | | 143 | 2.7 KEV | 3 |
| 26AL 144 | | | | 7.825 | 0 | (4)- | 144 | 930 EV | 140 |
| 26AL 145 | | | | 7.832 | 0 | (4)+ | 145 | 110 EV | 30 |
| 26AL 146 | | | | 7.865 | 0(+) | (2)+ | 146 | 6.6 KEV | 10 |
| 26AL 147 | | | | 7.874 | 0 | (3)+ | 147 | 1.2 KEV | 2 |
| 26AL 148 | | | | 7.880 | 0+1 | (1+) | 148 | 3.7 KEV | 4 |
| 26AL 149 | | | | 7.891 | 1 | (4+) | 149 | 900 EV | 140 |
| 26AL 150 | | | | 7.921 | 0 | (5+,6+) | 150 | | |
| ----- | | | | | | | | | |
| 26AL 151 | | | | 7.939 | 1 | (3)+ | 151 | 1.7 KEV | 3 |
| 26AL 152 | | | | 7.953 | 1 | (4)+ | 152 | 320 EV | 50 |
| 26AL 153 | | | | 7.982 | 1 | (2)+ | 153 | 12 KEV | 2 |
| 26AL 154 | | | | 8.001 | 1 | (1)- | 154 | 850 EV | 130 |
| 26AL 155 | | | | 8.008 | (0) | (2)+ | 155 | 850 EV | 130 |
| 26AL 156 | | | | 8.011 | 1 | (5)- | 156 | 140 EV | 40 |
| 26AL 157 | | | | 8.036 | | | 157 | | |
| 26AL 158 | | | | 8.047 | | (3)- | 158 | 1.9 KEV | 3 |
| 26AL 159 | | | | 8.064 | | (2)+ | 159 | 7.3 KEV | 11 |
| 26AL 160 | | | | 8.067 | 1 | (5)- | 160 | 200 EV | 50 |
| ----- | | | | | | | | | |
| 26AL 161 | | | | 8.116 | | (3+) | 161 | 5.9 KEV | 9 |
| 26AL 162 | | | | 8.130 | | (1-,2-) | 162 | 1.2 KEV | 2 |
| 26AL 163 | | | | 8.131 | | (3-) | 163 | 2.7 KEV | 4 |
| 26AL 164 | | | | 8.164 | | (1-) | 164 | 10.5 KEV | 16 |
| 26AL 165 | | | | 8.174 | | (3+) | 165 | 23 KEV | 3 |
| 26AL 166 | | | | 8.186 | | (4+,5+) | 166 | | |
| 26AL 167 | | | | 8.227 | | (4+) | 167 | 0.61 KEV | 9 |
| 26AL 168 | | | | 8.249 | | (2-) | 168 | 11 KEV | 2 |
| 26AL 169 | | | | 8.256 | | (4-) | 169 | 0.25 KEV | 6 |
| 26AL 170 | | | | 8.261 | | (3-) | 170 | 9.6 KEV | 14 |
| ----- | | | | | | | | | |
| 26AL 171 | | | | 8.272 | | (2-) | 171 | 8.2 KEV | 12 |
| 26AL 172 | | | | 8.294 | | (3+) | 172 | 25 KEV | 4 |

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|----------|-------|----------|-------|------------|-----|---------|---|--|
| 26AL 173 | | | 8.310 | (2-) | 173 | 1.5 KEV | 2 | |
| 26AL 174 | | | 8.347 | (3-) | 174 | 40 KEV | 6 | |
| 26AL 175 | | | 8.369 | 1 | 175 | | | |
| 26AL 176 | | | 8.531 | 1 (4) | 176 | | | |
| 26AL 177 | | | 8.602 | (1) (5,6)+ | 177 | | | |
| 26AL 178 | | | 8.747 | (1) (6+) | 178 | | | |
| 26AL 179 | | | 8.774 | | 179 | | | |
| 26AL 180 | | | 8.815 | | 180 | | | |
| ----- | | | | | | | | |
| 26AL 181 | | | 8.924 | 1 (4) | 181 | | | |
| 26AL 182 | | | 9.007 | 1 | 182 | | | |
| 26AL 183 | | | 9.060 | 1 (4) | 183 | | | |
| 26AL 184 | | | 9.271 | 1 | 184 | | | |
| 26AL 185 | | | 9.286 | 1 (5) | 185 | | | |
| 26AL 186 | | | 9.311 | 1 (3+,4) | 186 | | | |
| 26AL 187 | | | 9.397 | | 187 | | | |
| S-alpha= | 9.454 | (0.000) | ----- | | | | | |
| 26AL 188 | | | 9.547 | | 188 | | | |
| 26AL 189 | | | 9.620 | | 189 | | | |
| 26AL 190 | | | 9.720 | | 190 | | | |
| ----- | | | | | | | | |
| 26AL 191 | | | 9.860 | 0 | 191 | | | |
| 26AL 192 | | | 9.960 | 0 (5-) | 192 | | | |
| 26AL 193 | | | 9.986 | 1 (7+) | 193 | | | |

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|----------|-------|----------|----------|-------|
| S-p | = | 6.306 | (0.000) | ----- |
| S-n | = | 11.365 | (0.000) | ----- |
| S-2p | = | 18.370 | (0.000) | ----- |
| S-2n | = | 28.304 | (0.000) | ----- |
| S-alpha= | 9.454 | (0.000) | ----- | |

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|---------|---|---------|----------|
| S+p | = | -7.463 | (0.000) |
| S+n | = | -13.058 | (0.000) |
| S+2p | = | -9.516 | (0.001) |
| S+2n | = | -20.783 | (0.000) |
| S+alpha | = | -10.416 | (0.000) |

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|-----------|---|--------|----------|
| gap p | = | -1.157 | (0.000) |
| gap n | = | -1.693 | (0.000) |
| gap 2p | = | 8.855 | (0.001) |
| gap 2n | = | 7.521 | (0.000) |
| gap alpha | = | -0.962 | (0.000) |