$^{244}_{95}$Am

Δ: 59875.9 *21* **S_n:** 5363.7 *9* **S_p:** 5163 *3*
$Q_{\beta-}$: 1428.1 *9* **Q_{EC}:** 76 *5* **Q_α:** 5130 *15*
σ_f(for 0): 2300 *300* b , **σ_f**(for 70): 1600 *300* b

Nuclear Bands

- *A* π5/2[523]+ν7/2[624]
- *B* π5/2[642]-ν7/2[624]
- *C* π5/2[523]-ν7/2[624]
- *D* π3/2[521]-ν7/2[624]
- *E* π5/2[523]-ν5/2[622]
- *F* π1/2[400]-ν7/2[624]
- *G* π7/2[633]-ν7/2[624]
- *H* π5/2[642]-ν1/2[631]?
- *I* π5/2[523]-ν9/2[734]
- *J* π5/2[523]+ν1/2[631]
- *K* π5/2[523]-ν1/2[631]
- *L* π5/2[642]-ν9/2[734]
- *M* π3/2[651]-ν7/2[624]
- *N* π3/2[521]-ν5/2[622]
- *O* Fission isomer

Levels and γ-ray branchings:

- *A* **0**, (6$^-$), 10.1 *1* h, %β^-=100
- *B* **88.0** *30*, 1$^+$, ≈ 26 m, %β^-=99.9639 *13*, %EC=0.0361 *13*
- *B* **100.3092** *11*, (2)$^+$
- *B* **123.2811** *11*, (3)$^+$ γ_{100}***22.975*** *10* (†$_\gamma$100 *20*) M1 γ_{88}***35.31*** *3* (†$_\gamma$0.10 *2*) E2
- *B* **148.2831** *16*, (4)$^+$ γ_{123}***25.034*** *20* (†$_\gamma$100) M1
- *C* **175.6573** *10*, (1)$^-$ γ_{100}***75.3475*** *13* (†$_\gamma$67 *10*) E1+M2: δ=0.025 *6* γ_{88}***87.6553*** *15* (†$_\gamma$100 *17*) E1+M2: δ=0.020 *6*
- *B* **183.511** *5*, (5)$^+$ γ_{148}***35.23*** *3* (†$_\gamma$100) M1
- *C* **197.2947** *11*, (2)$^-$ γ_{176}***21.636*** *10* (†$_\gamma$49 *10*) M1 γ_{123}***74.0144*** *7* (†$_\gamma$100 *14*) E1(+M2): δ=0.052 *20* γ_{100}***96.9851*** *10* (†$_\gamma$63 *10*) E1
- *C* **228.2990** *12*, (3)$^-$ γ_{197}***31.00*** *1* (†$_\gamma$30 *6*) M1 γ_{176}***52.64*** *1* (†$_\gamma$2.9 *6*) E2 γ_{148}***80.0156*** *11* (†$_\gamma$41 *7*) E1(+M2): δ=0.123 *25* γ_{123}***105.011*** *6* (†$_\gamma$3.3 *14*) γ_{100}***127.9891*** *24* (†$_\gamma$100 *8*) E1(+M2): δ=0.12 *5*
- *D* **261.6962** *11*, (2)$^-$ γ_{228}***33.396*** *10* (†$_\gamma$8.5 *16*) M1 γ_{197}***64.4013*** *20* (†$_\gamma$60 *9*) M1+E2: δ=0.015 *10* γ_{176}***86.0376*** *10* (†$_\gamma$100 *14*) M1+E2: δ=0.3 *2* γ_{123}***138.4157*** *17* (†$_\gamma$22 *4*) γ_{100}***161.391*** *4* (†$_\gamma$6.4 *16*) γ_{88}***173.698*** *4* (†$_\gamma$68 *11*)
- *C* **272.2018** *17*, (4)$^-$ γ_{228}***43.904*** *10* (†$_\gamma$77 *15*) M1 γ_{197}***74.918*** *10* (†$_\gamma$29 *5*) E2 γ_{123}***148.9208*** *19* (†$_\gamma$100 *20*) E1
- *E* **289.2119** *12*, (1)$^-$ γ_{197}***91.9252*** *13* (†$_\gamma$55 *10*) M1 γ_{176}***113.5625*** *12* (†$_\gamma$100 *17*) M1+E2: δ=0.3 *2* γ_{100}***188.910*** *5* (†$_\gamma$35 *5*) E1 γ_{88}***201.219*** *4* (†$_\gamma$20 *4*) E1
- *D* **296.6583** *26*, (3)$^-$ γ_{262}***34.975*** *15* (†$_\gamma$100) E2
- *C* **322.7506** *24*, (5)$^-$ γ_{272}***50.550*** *10* (†$_\gamma$54 *12*) M1 γ_{228}***94.454*** *4* (†$_\gamma$31 *7*) γ_{148}***174.466*** *5* (†$_\gamma$100 *17*)
- *E* **335.575** *4*, (0)$^-$ γ_{289}***46.375*** *20* (†$_\gamma$100) M1
- *E* **342.6498** *13*, (3)$^-$ γ_{289}***53.43*** *1* (†$_\gamma$14 *3*) E2 γ_{272}***70.4522*** *24* (†$_\gamma$8.9 *36*) M1 γ_{262}***81.3663*** *10* (†$_\gamma$29 *5*) M1 γ_{228}***114.3510*** *17* (†$_\gamma$100 *15*) M1 γ_{197}***145.356*** *4* (†$_\gamma$26 *4*) M1 γ_{148}***194.363*** *8* (†$_\gamma$28 *7*) γ_{123}***219.365*** *13* (†$_\gamma$25 *10*)
- *D* **343.658** *3*, (4)$^-$ γ_{228}***115.362*** *4* (†$_\gamma$70 *14*) M1 γ_{123}***220.380*** *5* (†$_\gamma$100 *20*) E1
- *F* **348.4047** *16*, (3)$^+$ γ_{148}***200.117*** *3* (†$_\gamma$17 *4*) M1+E2: δ=1.1 *3* γ_{123}***225.120*** *5* (†$_\gamma$60 *11*) M1+E2: δ=0.76 *20* γ_{100}***248.097*** *5* (†$_\gamma$100 *17*) M1+E2: δ=0.66 *22* γ_{88}***260.39*** *4* (†$_\gamma$2.0 *7*)
- *E* **361.8376** *20*, (2)$^-$ γ_{289}***72.6184*** *12* (†$_\gamma$100) M1
- **367.6** *10* (?)
- *G* **377.0566** *22*, (0)$^+$ γ_{176}***201.393*** *9* (†$_\gamma$11 *4*) γ_{88}***289.0570*** *22* (†$_\gamma$100 *25*) M1
- *F* **390.028** *7*, (4)$^+$ γ_{348}***41.63*** *2* (†$_\gamma$24 *12*) M1 γ_{184}***206.559*** *20* (†$_\gamma$100 *25*) γ_{148}***241.721*** *13* (†$_\gamma$30 *10*) (M1) γ_{123}***266.732*** *4* (†$_\gamma$91 *14*) (M1)
- *D* **398.743** *4*, (5$^-$) γ_{272}***126.541*** *5* (†$_\gamma$43 *13*) γ_{148}***250.43*** *5* (†$_\gamma$100 *25*)
- *G* **414.6889** *14*, (2)$^+$ γ_{148}***266.37*** *3* (†$_\gamma$1.5 *5*) γ_{123}***291.4059*** *19* (†$_\gamma$73 *18*) M1 γ_{100}***314.382*** *3* (†$_\gamma$100 *17*) M1 γ_{88}***326.6902*** *22* (†$_\gamma$37 *7*) M1
- *H* **418.957** *2*, (2)$^+$ γ_{297}***122.299*** *3* (†$_\gamma$22 *4*) E1 γ_{100}***318.6478*** *24* (†$_\gamma$100 *20*) M1 γ_{88}***330.9556*** *23* (†$_\gamma$84 *14*) M1
- *I* **420.1309** *14*, (2)$^+$ γ_{262}***158.4352*** *10* (†$_\gamma$7.1 *10*) E1 γ_{228}***191.829*** *4* (†$_\gamma$1.0 *2*) γ_{197}***222.834*** *3* (†$_\gamma$28 *5*) E1 γ_{176}***244.471*** *3* (†$_\gamma$100 *20*) E1(+M2): δ=0.10 *3* γ_{123}***296.848*** *3* (†$_\gamma$29 *5*) M1 γ_{100}***319.821*** *3* (†$_\gamma$5.8 *19*) M1+E2: δ=1.5 *5* γ_{88}***332.134*** *3* (†$_\gamma$5.1 *9*) M1
- *J* **421.2035** *16*, (3)$^-$ γ_{348}***72.7992*** *7* (†$_\gamma$100 *17*) E1(+M2): δ=0.04 *2*

γ_{262}***159.506*** *10* (†$_\gamma$6.5 *13*) γ_{228}***192.907*** *4* (†$_\gamma$5.4 *11*) γ_{123}***297.920*** *6* (†$_\gamma$5.3 *16*) γ_{100}***320.887*** *4* (†$_\gamma$6.5 *22*)

431.0 *3*

E **435.036** *3*, (4)$^-$ γ_{323}***112.285*** *3* (†$_\gamma$80 *19*) M1 γ_{272}***162.819*** *6* (†$_\gamma$<130) γ_{228}***206.718*** *18* (†$_\gamma$100 *19*) γ_{184}***251.509*** *13* (†$_\gamma$54 *12*) γ_{148}***286.74*** *3* (†$_\gamma$<54)

E **437.310** *3*, (5$^-$) γ_{343}***94.666*** *5* (†$_\gamma$54 *13*) γ_{323}***114.557*** *3* (†$_\gamma$100 *17*) γ_{272}***165.110*** *6* (†$_\gamma$61 *15*)

I **444.381** *3*, (3)$^+$ γ_{228}***216.087*** *5* (†$_\gamma$80 *16*) γ_{148}***296.103*** *5* (†$_\gamma$100 *18*) M1 γ_{123}***321.098*** *9* (†$_\gamma$23 *6*) γ_{100}***344.054*** *9* (†$_\gamma$86 *40*) M1

G **454.002** *3*, (1)$^+$ γ_{420}***33.888*** *10* (†$_\gamma$6.8 *12*) M1 γ_{100}***353.693*** *4* (†$_\gamma$54 *10*) M1 γ_{88}***365.9998*** *24* (†$_\gamma$100 *17*) M1

H **456.8632** *23*, (4)$^+$ γ_{148}***308.5818*** *21* (†$_\gamma$100 *15*) M1 γ_{123}***333.585*** *3* (†$_\gamma$33 *6*) M1

J **466.263** *5*, (4)$^-$ γ_{421}***45.074*** *10* (†$_\gamma$100 *30*) M1 γ_{297}***169.597*** *7* (†$_\gamma$<80) M1 γ_{272}***194.079*** *13* (†$_\gamma$24 *6*)

478.0960 *18*, (2)$^+$ γ_{419}***59.139*** *10* (†$_\gamma$8 *2*) M1 γ_{123}***354.8132*** *24* (†$_\gamma$80 *20*) M1 γ_{100}***377.790*** *3* (†$_\gamma$100 *20*) M1 γ_{88}***390.100*** *3* (†$_\gamma$24 *5*)

I **478.3491** *26*, (4)$^+$ γ_{272}***206.147*** *10* (†$_\gamma$37 *8*) γ_{228}***250.044*** *4* (†$_\gamma$100 *20*) γ_{148}***330.067*** *7* (†$_\gamma$17 *4*) γ_{123}***355.068*** *4* (†$_\gamma$90 *20*) M1 γ_{100}***378.051*** *7* (†$_\gamma$<33)

K **484.7911** *20*, (2)$^-$ γ_{348}***136.3836*** *15* (†$_\gamma$100 *16*) E1 γ_{197}***287.5004*** *19* (†$_\gamma$85 *15*) M1 γ_{176}***309.138*** *7* (†$_\gamma$4.0 *8*)

G **495.394** *3*, (4)$^+$ γ_{184}***311.899*** *11* (†$_\gamma$11 *3*) γ_{148}***347.110*** *3* (†$_\gamma$92 *23*) M1 γ_{123}***372.113*** *3* (†$_\gamma$100 *20*) M1

G **514.1423** *22*, (3)$^+$ γ_{148}***365.859*** *3* (†$_\gamma$100 *24*) M1 γ_{123}***390.858*** *4* (†$_\gamma$64 *13*) M1 γ_{100}***413.836*** *4* (†$_\gamma$24 *8*) (M1)

I **516.267** *8*, (5$^+$) γ_{323}***193.522*** *6* (†$_\gamma$100 *20*) γ_{272}***244.11*** *5* (†$_\gamma$<51) γ_{184}***332.738*** *13* (†$_\gamma$49 *12*) γ_{148}***367.93*** *4* (†$_\gamma$40 *20*)

L **516.8230** *13*, (2)$^-$ γ_{420}***96.6925*** *19* (†$_\gamma$2.4 *5*) γ_{262}***255.127*** *6* (†$_\gamma$57 *11*) M1 γ_{228}***288.5229*** *19* (†$_\gamma$26 *7*) M1 γ_{197}***319.5279*** *21* (†$_\gamma$70 *13*) M1 γ_{176}***341.1649*** *22* (†$_\gamma$100 *20*) M1 γ_{123}***393.549*** *14* (†$_\gamma$0.8 *4*) γ_{100}***416.520*** *4* (†$_\gamma$5.0 *12*) γ_{88}***428.825*** *5* (†$_\gamma$14 *3*)

K **524.2516** *24*, (3)$^-$ γ_{348}***175.840*** *8* (†$_\gamma$4.2 *14*) γ_{272}***252.052*** *3* (†$_\gamma$100 *16*) M1(+E2): δ=0.4 *3* γ_{228}***295.953*** *3* (†$_\gamma$19 *4*)

L **535.7558** *17*, (3)$^-$ γ_{444}***91.369*** *5* (†$_\gamma$1.5 *4*) (E1) γ_{420}***115.6262*** *20* (†$_\gamma$3.2 *6*) γ_{419}***116.801*** *7* (†$_\gamma$0.7 *2*) γ_{297}***239.09*** *2* (†$_\gamma$3.6 *8*) γ_{272}***263.554*** *4* (†$_\gamma$50 *10*) M1 γ_{262}***274.054*** *3* (†$_\gamma$3.5 *9*) γ_{228}***307.455*** *2* (†$_\gamma$100 *15*) M1 γ_{197}***338.460*** *3* (†$_\gamma$59 *10*) M1 γ_{100}***435.450*** *7* (†$_\gamma$13 *4*)

L **561.5594** *26*, (4)$^-$ γ_{444}***117.185*** *3* (†$_\gamma$8.0 *16*) γ_{399}***162.819*** *6* (†$_\gamma$<11) γ_{323}***238.784*** *12* (†$_\gamma$80 *16*) M1 γ_{272}***289.3540*** *22* (†$_\gamma$58 *15*) M1 γ_{228}***333.256*** *6* (†$_\gamma$25 *6*) M1 γ_{184}***378.051*** *7* (†$_\gamma$<17) γ_{148}***413.282*** *4* (?) (†$_\gamma$100 *20*) γ_{123}***438.282*** *13* (†$_\gamma$15 *4*)

K **578.842** *6*, (4$^-$) γ_{348}***230.49*** *7* (†$_\gamma$<20) γ_{343}***236.203*** *6* (†$_\gamma$100 *20*) γ_{323}***256.06*** *4* (†$_\gamma$<36) γ_{272}***306.646*** *11* (†$_\gamma$30 *14*) γ_{123}***455.524*** *22* (†$_\gamma$86 *22*)

584.041 *3*, (2)$^-$ γ_{485}***99.246*** *5* (†$_\gamma$3.2 *11*) γ_{362}***222.205*** *9* (†$_\gamma$9.3 *21*) M1 γ_{289}***294.8242*** *22* (†$_\gamma$100 *25*) γ_{197}***386.746*** *3* (†$_\gamma$39 *9*) γ_{176}***408.386*** *6* (†$_\gamma$30 *6*) γ_{123}***460.733*** *22* (†$_\gamma$9.3 *21*) γ_{100}***483.708*** *12* (†$_\gamma$60 *20*) γ_{88}***496.029*** *6* (†$_\gamma$93 *24*)

608.4 *3*

G **610.887** *4*, (5)$^+$ γ_{344}***267.230*** *6* (†$_\gamma$28 *10*) γ_{184}***427.371*** *9* (†$_\gamma$50 *15*) (M1) γ_{148}***462.604*** *6* (†$_\gamma$100 *25*) M1

M **615.243** *4*, (2)$^+$ γ_{524}***90.992*** *3* (?) (†$_\gamma$3.2 *8*) γ_{100}***514.925*** *4* (†$_\gamma$39 *13*) M1 γ_{88}***527.252*** *4* (†$_\gamma$100 *25*) M1

643.114 *5*, (3)$^+$ γ_{419}***224.21*** *3* (†$_\gamma$4.0 *15*) γ_{184}***459.603*** *15* (†$_\gamma$12 *3*) γ_{148}***494.870*** *15* (†$_\gamma$21 *8*) γ_{123}***519.831*** *7* (†$_\gamma$100 *25*) M1 γ_{100}***542.809*** *7* (†$_\gamma$40 *16*) (M1)

M **650.187** *4*, (3)$^+$ γ_{485}***165.422*** *16* (†$_\gamma$1.6 *9*) γ_{262}***388.481*** *6* (†$_\gamma$12 *3*) γ_{148}***501.893*** *10* (†$_\gamma$14 *6*) γ_{123}***526.910*** *5* (†$_\gamma$100 *25*) M1 γ_{100}***549.880*** *5* (†$_\gamma$61 *20*) M1

670.758 *5*, (2)$^+$ γ_{457}***213.952*** *24* (†$_\gamma$6.7 *18*) γ_{420}***250.615*** *5* (†$_\gamma$51 *8*) M1 γ_{415}***256.06*** *4* (†$_\gamma$<12) γ_{176}***495.121*** *10*

(†$_\gamma$29 *9*) γ_{100}***570.468*** *9* (†$_\gamma$100 *30*) (M1) γ_{88}***582.743*** *14* (†$_\gamma$41 *14*)

N **680.5726** *23*, $(1)^-$ γ_{517}***163.743*** *5* (†$_\gamma$26 *6*) M1 γ_{420}***260.39*** *4* (†$_\gamma$<9.6) γ_{336}***345.000*** *6* (†$_\gamma$<13) γ_{289}***391.360*** *4* (†$_\gamma$33 *8*) M1 γ_{197}***483.276*** *5* (†$_\gamma$100 *24*) M1 γ_{176}***504.915*** *4* (†$_\gamma$100 *25*) M1

M **696.825** *6*, (4^+) γ_{184}***513.34*** *8* (†$_\gamma$<42) γ_{148}***548.560*** *9* (†$_\gamma$100 *30*) (M1) γ_{123}***573.522*** *17* (†$_\gamma$80 *28*) (M1)

N **699.7788** *21*, $(2)^-$ γ_{536}***164.020*** *3* (†$_\gamma$14 *3*) M1(+E2): δ=1.15 *50* γ_{517}***182.960*** *4* (†$_\gamma$7.2 *12*) γ_{289}***410.561*** *8* (†$_\gamma$28 *7*) γ_{228}***471.482*** *6* (†$_\gamma$46 *15*) M1 γ_{176}***524.120*** *4* (†$_\gamma$100 *30*) M1

N **731.141** *4*, $(3)^-$ γ_{562}***169.597*** *7* (†$_\gamma$<17) γ_{444}***286.74*** *3* (†$_\gamma$<5.3) γ_{435}***296.103*** *5* (†$_\gamma$61 *12*) M1 γ_{343}***388.481*** *6* (†$_\gamma$26 *5*) γ_{272}***458.933*** *5* (†$_\gamma$51 *11*) M1 γ_{197}***533.855*** *6* (†$_\gamma$100 *25*) M1

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M **756.705** *6*, (5^+) γ_{611}***145.816*** *6* (†$_\gamma$20 *5*) γ_{184}***573.187*** *18* (†$_\gamma$79 *26*) (M1) γ_{148}***608.437*** *15* (†$_\gamma$100 *30*)

774.914 *6*, $(1)^+$ γ_{336}***439.347*** *7* (†$_\gamma$5.4 *16*) γ_{262}***513.34*** *8* (†$_\gamma$<17) γ_{100}***674.596*** *7* (†$_\gamma$78 *23*) (M1) γ_{88}***686.922*** *7* (†$_\gamma$100 *25*) M1

N **779.914** *5*, (4^-) γ_{562}***218.332*** *16* (†$_\gamma$32 *8*) γ_{536}***244.11*** *5* (†$_\gamma$<22) γ_{421}***358.70*** *3* (†$_\gamma$11 *6*) γ_{390}***389.873*** *5* (†$_\gamma$74 *13*) γ_{344}***436.269*** *7* (†$_\gamma$70 *18*) γ_{272}***507.731*** *7* (†$_\gamma$100 *32*) (M1)

780.152 *4*, $(2)^-$ γ_{514}***266.025*** *16* (†$_\gamma$<22) $\gamma_{478.1}$***302.069*** *6* (†$_\gamma$12 *4*) γ_{454}***326.165*** *16* (†$_\gamma$7.5 *20*) γ_{420}***360.053*** *12* (†$_\gamma$6.5 *20*) γ_{419}***361.187*** *3* (†$_\gamma$26 *6*) γ_{297}***483.492*** *5* (†$_\gamma$100 *30*) M1 γ_{100}***679.86*** *6* (†$_\gamma$41 *14*) γ_{88}***692.18*** *7* (†$_\gamma$38 *17*)

782.875 *5*, $(2)^-$ γ_{579}***204.052*** *8* (†$_\gamma$8.5 *12*) γ_{536}***247.107*** *5* (†$_\gamma$100 *25*) (M1+E2): δ=1.75 *35* γ_{524}***258.70*** *3* (†$_\gamma$36 *12*) M1 γ_{517}***266.025*** *16* (†$_\gamma$<13) (M1) γ_{435}***347.836*** *6* (†$_\gamma$9 *3*) γ_{343}***440.233*** *10* (†$_\gamma$7.9 *21*) γ_{336}***447.285*** *8* (†$_\gamma$6.7 *21*) γ_{228}***554.52*** *3* (†$_\gamma$12 *4*) γ_{123}***659.620*** *13* (?) (†$_\gamma$40 *12*)

795.006 *7*, (4^-) γ_{536}***259.16*** *4* (†$_\gamma$18 *13*) γ_{517}***278.205*** *16* (†$_\gamma$30 *10*) γ_{399}***396.262*** *4* (†$_\gamma$100 *25*) M1 γ_{344}***451.360*** *11* (†$_\gamma$19 *7*) γ_{323}***472.272*** *13* (†$_\gamma$75 *50*) γ_{197}***597.66*** *3* (†$_\gamma$30 *10*) γ_{184}***611.489*** *10* (†$_\gamma$<92)

799.006 *5*, $(2)^-$ γ_{454}***345.000*** *6* (†$_\gamma$<12.5) γ_{297}***502.358*** *7* (†$_\gamma$79 *24*) M1 γ_{289}***509.775*** *12* (†$_\gamma$25 *13*) (M1) γ_{197}***601.73*** *3* (†$_\gamma$18 *8*) γ_{123}***675.716*** *19* (†$_\gamma$100 *33*)

808.800 *4*, $(3)^-$ γ_{650}***158.616*** *7* (†$_\gamma$16 *8*) γ_{457}***351.942*** *5* (†$_\gamma$57 *9*) γ_{435}***373.760*** *6* (†$_\gamma$100 *20*) M1 γ_{362}***446.944*** *17* (†$_\gamma$23 *7*) γ_{348}***460.379*** *9* (†$_\gamma$23 *7*) γ_{289}***519.593*** *13* (†$_\gamma$67 *22*) γ_{262}***547.16*** *3* (†$_\gamma$17 *8*) γ_{197}***611.489*** *10* (†$_\gamma$<89)

825.526 *4*, $(2)^-$ γ_{466}***359.265*** *3* (†$_\gamma$43 *13*) γ_{421}***404.318*** *5* (†$_\gamma$34 *8*) (M1) γ_{336}***489.952*** *5* (†$_\gamma$77 *18*) γ_{297}***528.90*** *3* (†$_\gamma$46 *18*) γ_{262}***563.88*** *4* (†$_\gamma$100 *33*) M1 γ_{123}***702.18*** *5* (†$_\gamma$46 *18*)

832.2 *3*

840.648 *6*, $(2)^+$ γ_{457}***383.786*** *4* (†$_\gamma$37 *9*) γ_{444}***396.262*** *4* (†$_\gamma$100 *25*) M1 γ_{197}***643.43*** *5* (†$_\gamma$67 *28*) γ_{176}***665.10*** *5* (†$_\gamma$28 *12*) γ_{100}***740.41*** *3* (†$_\gamma$100 *33*) γ_{88}***752.66*** *6* (†$_\gamma$51 *20*)

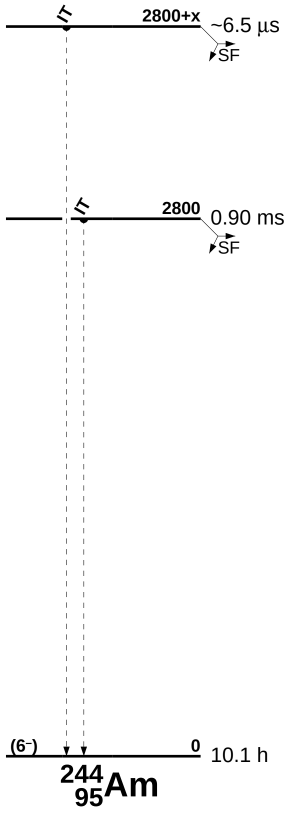
842.754 *4*, $(3)^+$ γ_{584}***258.70*** *3* (?) (†$_\gamma$70 *23*) γ_{457}***385.896*** *4* (†$_\gamma$48 *11*) M1 γ_{454}***388.735*** *12* (†$_\gamma$11 *6*) γ_{444}***398.371*** *11* (†$_\gamma$13 *6*) γ_{420}***422.618*** *3* (†$_\gamma$100 *17*) M1 γ_{419}***423.811*** *6* (†$_\gamma$65 *14*) M1 γ_{289}***553.61*** *3* (?) (†$_\gamma$15 *5*)

859.195 *4*, (3^+) γ_{697}***162.374*** *5* (†$_\gamma$6.8 *15*) γ_{643}***216.087*** *5* (†$_\gamma$30 *6*) γ_{495}***363.801*** *3* (†$_\gamma$100 *33*) (M1) $\gamma_{478.3}$***380.836*** *15* (†$_\gamma$11 *4*) γ_{390}***469.145*** *8* (†$_\gamma$22 *5*) (M1) γ_{362}***497.35*** *3* (†$_\gamma$7.5 *25*) γ_{123}***735.93*** *3* (†$_\gamma$27 *9*) γ_{100}***758.89*** *5* (†$_\gamma$36 *12*)

875.059 *5*, (2^+) γ_{783}***92.181*** *3* (†$_\gamma$7.3 *20*) γ_{615}***259.88*** *3* (†$_\gamma$16 *6*) γ_{536}***339.319*** *8* (†$_\gamma$5.3 *20*) γ_{420}***454.879*** *24* (†$_\gamma$14 *3*) γ_{415}***460.379*** *9* (†$_\gamma$19 *5*) γ_{176}***699.44*** *4* (†$_\gamma$33 *12*) γ_{148}***726.793*** *23* (†$_\gamma$87 *27*) γ_{123}***751.804*** *20* (†$_\gamma$100 *33*) (M1) γ_{100}***774.75*** *5* (†$_\gamma$87 *29*)

880.786 *4*, (3^-) $\gamma_{779.9}$***100.872*** *3* (†$_\gamma$10 *4*) M1 γ_{650}***230.49*** *7* (†$_\gamma$<9.0) γ_{524}***356.536*** *6* (†$_\gamma$75 *13*) γ_{421}***459.603*** *15* (†$_\gamma$31 *7*) γ_{419}***461.819*** *15* (†$_\gamma$44 *14*) γ_{262}***619.09*** *4* (†$_\gamma$100 *30*) γ_{197}***683.495*** *17* (†$_\gamma$82 *28*)

γ_{88} ***792.75*** *13* († $_{\gamma}$ 27 *11*)
893.7 *3*
901.4 *3*
914.2 *3*
933.2 *4*
951.3 *3*
982
999.6 *3*
1015.8 *9*
1030.5 *3*
1046.1 *5*
1052.4 *3*
1063.2 *5*
1071.3 *14* (?)
1097
1125
1142
1151.3 *3*
1179
1203
1252
1281
1335
1357
O **2800** *400*, 0.90 *15* ms, %SF≤100
O **2800+x**, ≈ 6.5 µs, %SF≤100


IT
2800+x
~6.5 µs
SF
IT
2800
0.90 ms
SF
(6⁻)
0
10.1 h
244
95Am