

↘ ${}_{76}^{170}\text{Os} \dots$

↘ ${}_{77}^{170}\text{Ir} \dots$

${}_{79}^{171m}\text{Au} \rightarrow {}_{77}^{167m}\text{Ir} \rightarrow {}_{75}^{163m}\text{Re} \rightarrow {}_{73}^{159m}\text{Ta} \rightarrow {}_{71}^{155m}\text{Lu} \rightarrow {}_{69}^{151m}\text{Tm} \rightarrow {}_{68}^{151}\text{Er} \rightarrow {}_{67}^{151}\text{Ho} \rightarrow {}_{66}^{151}\text{Dy} \rightarrow {}_{65}^{151}\text{Tb} \rightarrow {}_{63}^{147}\text{Eu} \rightarrow {}_{61}^{143}\text{Pm} \rightarrow {}_{60}^{143}\text{Nd}$

↘ ${}_{62}^{147}\text{Sm} \rightarrow {}_{60}^{143}\text{Nd}$

↘ ${}_{64}^{151}\text{Gd} \rightarrow {}_{63}^{151}\text{Eu}$

↘ ${}_{62}^{147}\text{Sm} \dots$

↘ ${}_{65}^{151m}\text{Tb} \rightarrow {}_{65}^{151}\text{Tb} \dots$

↘ ${}_{64}^{151}\text{Gd} \dots$

↘ ${}_{64}^{147}\text{Gd} \rightarrow {}_{63}^{147}\text{Eu} \dots$

↘ ${}_{65}^{147m}\text{Tb} \rightarrow {}_{64}^{147}\text{Gd} \dots$

↘ ${}_{70}^{155}\text{Yb} \rightarrow {}_{68}^{151}\text{Er} \dots$

↘ ${}_{69}^{155}\text{Tm} \rightarrow {}_{68}^{155}\text{Er} \rightarrow {}_{67}^{155}\text{Ho} \rightarrow {}_{66}^{155}\text{Dy} \rightarrow {}_{65}^{155}\text{Tb} \rightarrow {}_{64}^{155}\text{Gd}$

↘ ${}_{66}^{151}\text{Dy} \dots$

↘ ${}_{67}^{151}\text{Ho} \dots$

↘ ${}_{69}^{155m}\text{Tm} \rightarrow {}_{68}^{155}\text{Er} \dots$

↘ ${}_{67}^{151m}\text{Ho} \rightarrow {}_{65}^{147}\text{Tb} \rightarrow {}_{64}^{147}\text{Gd} \dots$

↘ ${}_{66}^{151}\text{Dy} \dots$

↘ ${}_{72}^{159}\text{Hf} \rightarrow {}_{71}^{159}\text{Lu} \rightarrow {}_{70}^{159}\text{Yb} \rightarrow {}_{69}^{159}\text{Tm} \rightarrow {}_{68}^{159}\text{Er} \rightarrow {}_{67}^{159}\text{Ho} \rightarrow {}_{66}^{159}\text{Dy} \rightarrow {}_{65}^{159}\text{Tb}$

↘ ${}_{67}^{159m}\text{Ho} \rightarrow {}_{67}^{159}\text{Ho} \dots$

↘ ${}_{69}^{155m}\text{Tm} \dots$

↘ ${}_{70}^{155}\text{Yb} \dots$

↘ ${}_{74}^{163}\text{W} \rightarrow {}_{73}^{163}\text{Ta} \rightarrow {}_{72}^{163}\text{Hf} \rightarrow {}_{71}^{163}\text{Lu} \rightarrow {}_{70}^{163}\text{Yb} \rightarrow {}_{69}^{163}\text{Tm} \rightarrow {}_{68}^{163}\text{Er} \rightarrow {}_{67}^{163}\text{Ho} \rightarrow {}_{66}^{163}\text{Dy}$

↘ ${}_{67}^{163m}\text{Ho} \rightarrow {}_{67}^{163}\text{Ho} \dots$

↘ ${}_{70}^{159}\text{Yb} \dots$

↘ ${}_{71}^{159}\text{Lu} \dots$

↘ ${}_{71}^{159m}\text{Lu} \rightarrow {}_{70}^{159}\text{Yb} \dots$

↘ ${}_{71}^{159}\text{Lu} \dots$

↘ ${}_{69}^{155}\text{Tm} \dots$

↘ ${}_{72}^{159}\text{Hf} \dots$

↘ ${}_{76}^{167}\text{Os} \rightarrow {}_{74}^{163}\text{W} \dots$

↘ ${}_{75}^{167m}\text{Re} \rightarrow {}_{74}^{167}\text{W} \rightarrow {}_{73}^{167}\text{Ta} \rightarrow {}_{72}^{167}\text{Hf} \rightarrow {}_{71}^{167}\text{Lu} \rightarrow {}_{70}^{167}\text{Yb} \rightarrow {}_{69}^{167}\text{Tm} \rightarrow {}_{68}^{167}\text{Er}$

↘ ${}_{68}^{167m}\text{Er} \rightarrow {}_{68}^{167}\text{Er}$

↘ ${}_{71}^{167m}\text{Lu} \rightarrow {}_{71}^{167}\text{Lu} \dots$

↘ ${}_{70}^{167}\text{Yb} \dots$

↘ ${}_{72}^{163}\text{Hf} \dots$

↘ ${}_{73}^{163}\text{Ta} \dots$

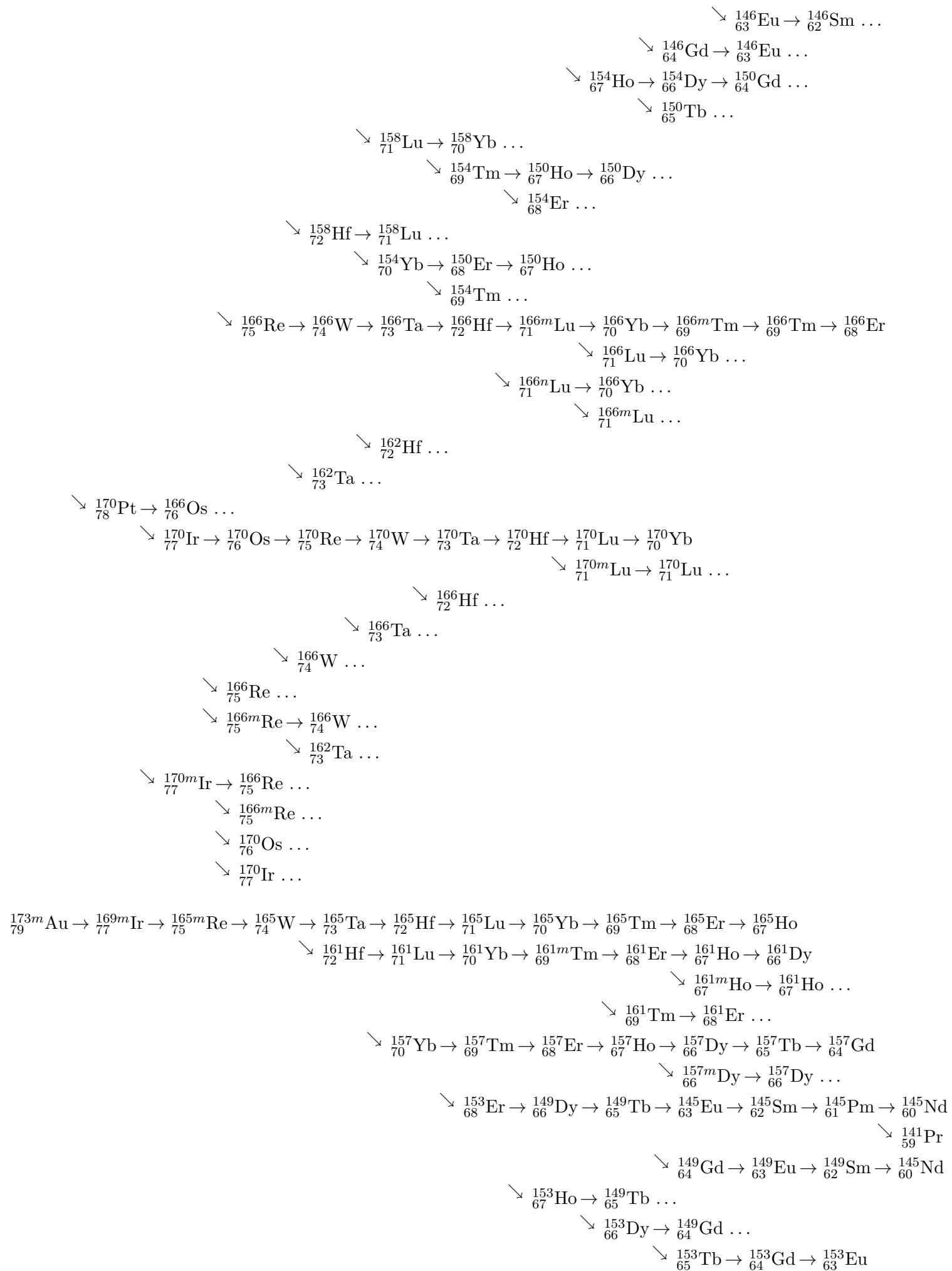
↘ ${}_{76}^{166}\text{Os} \rightarrow {}_{74}^{162}\text{W} \rightarrow {}_{73}^{162}\text{Ta} \rightarrow {}_{72}^{162}\text{Hf} \rightarrow {}_{71}^{162}\text{Lu} \rightarrow {}_{70}^{162}\text{Yb} \rightarrow {}_{69}^{162}\text{Tm} \rightarrow {}_{68}^{162}\text{Er} \rightarrow {}_{66}^{158}\text{Dy}$

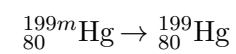
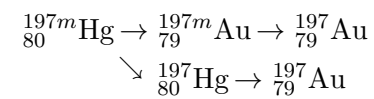
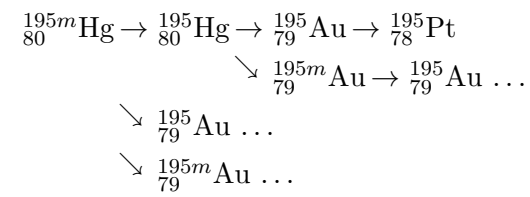
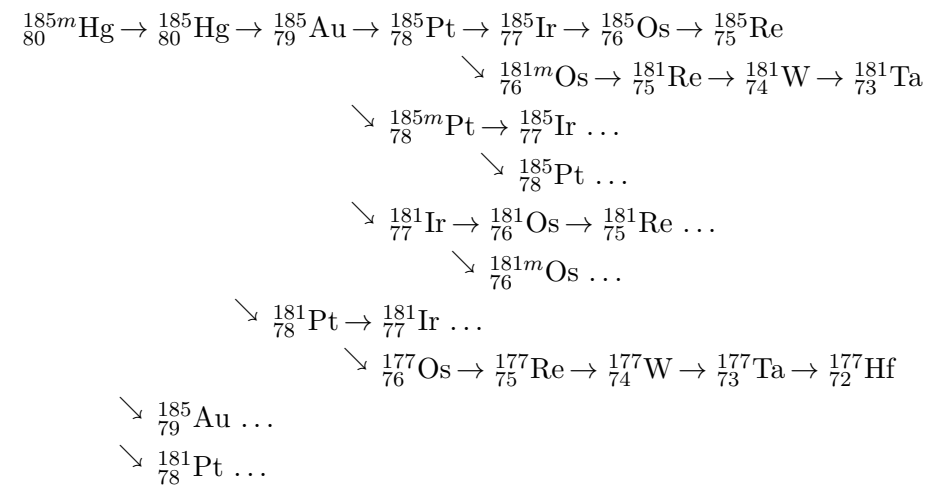
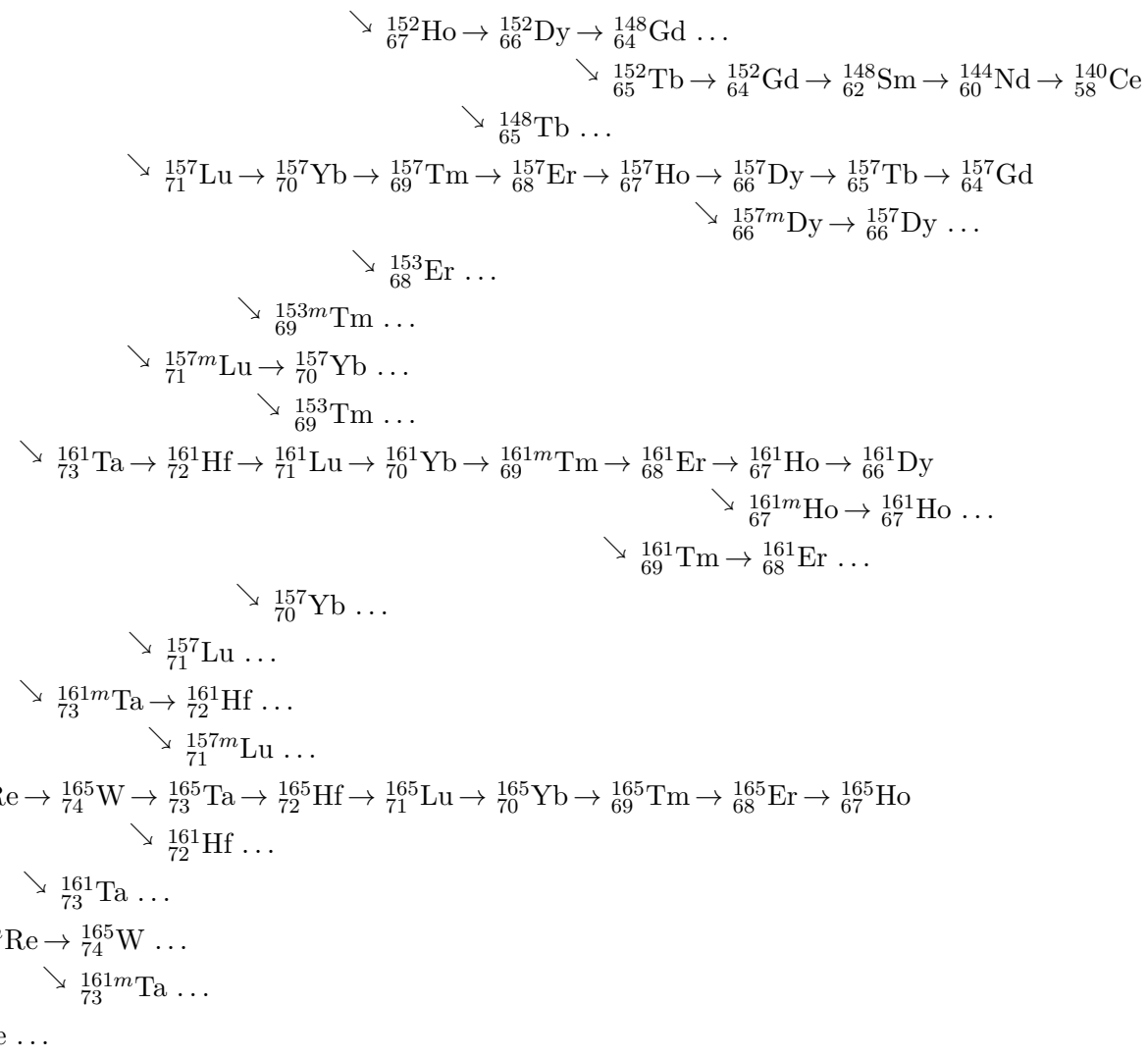
↘ ${}_{66}^{162}\text{Dy}$

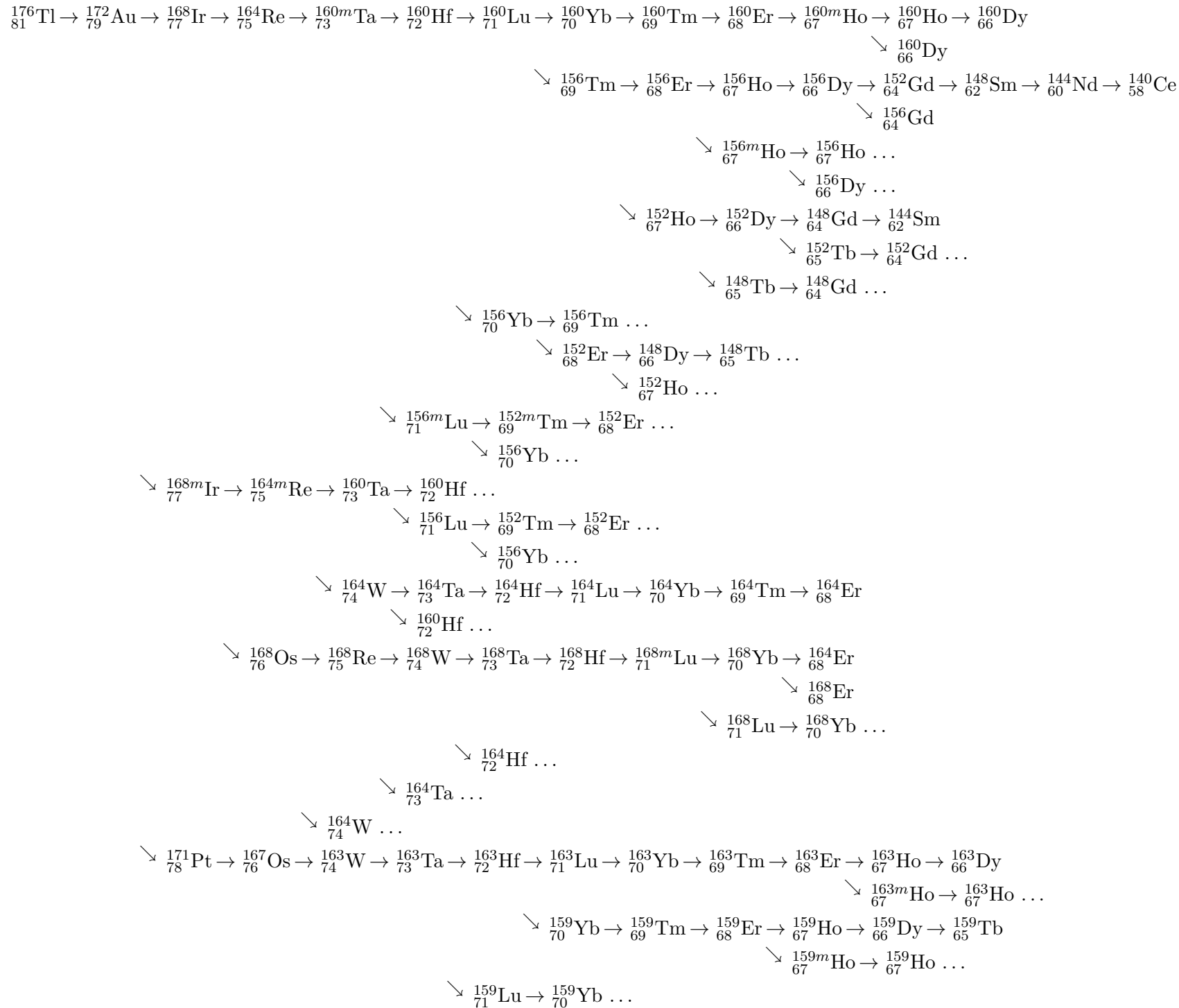
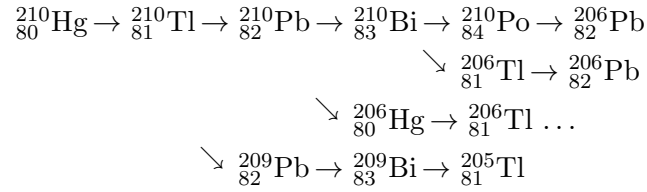
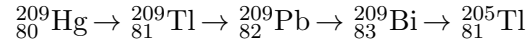
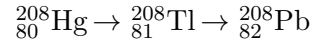
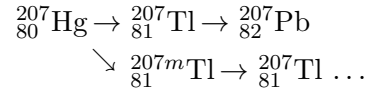
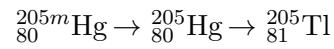
↘ ${}_{70}^{158}\text{Yb} \rightarrow {}_{69}^{158}\text{Tm} \rightarrow {}_{68}^{158}\text{Er} \rightarrow {}_{67}^{158m}\text{Ho} \rightarrow {}_{67}^{158}\text{Ho} \rightarrow {}_{66}^{158}\text{Dy}$

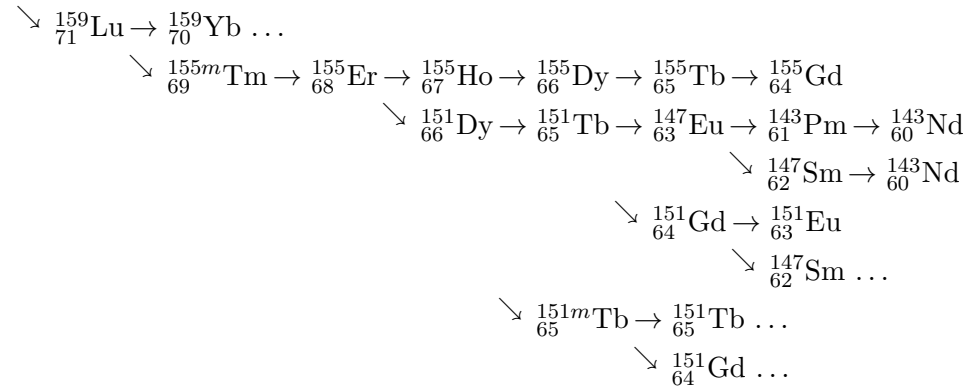
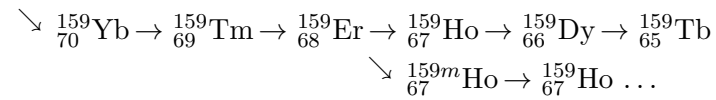
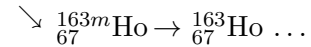
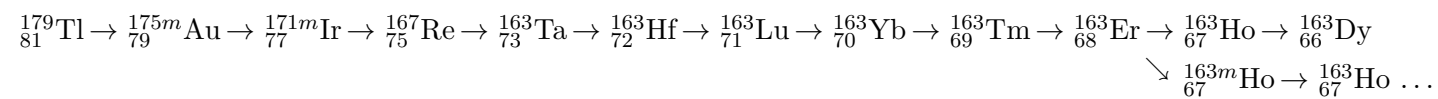
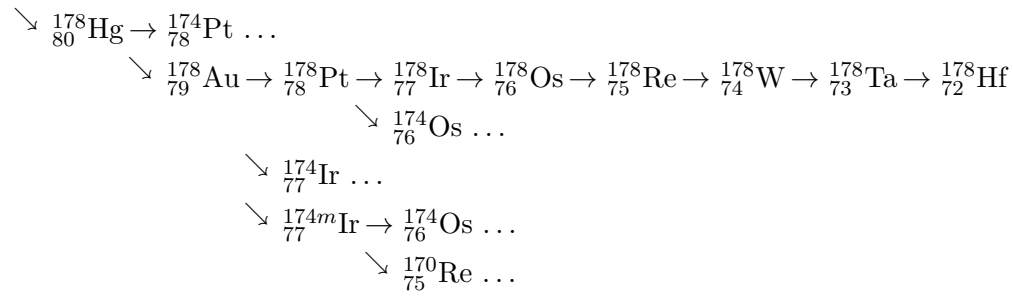
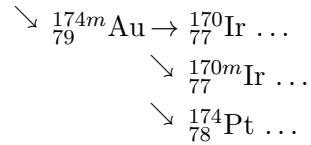
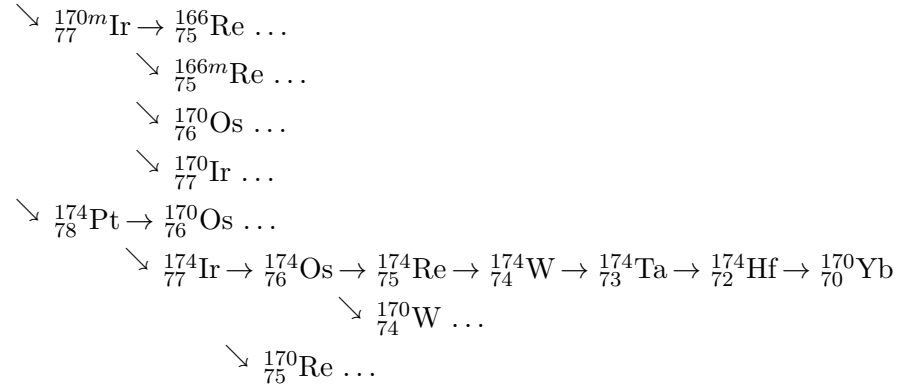
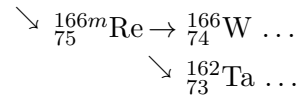
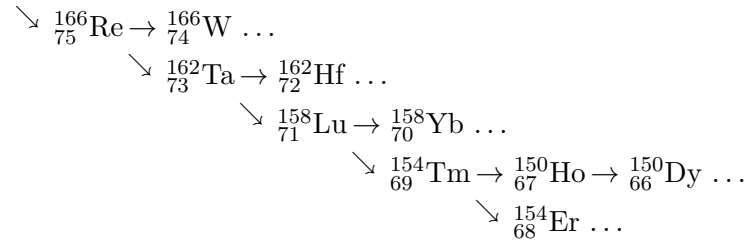
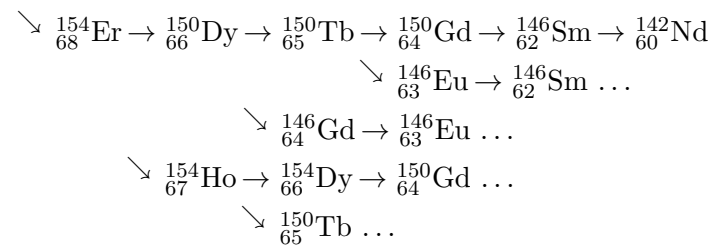
↘ ${}_{66}^{158}\text{Dy}$

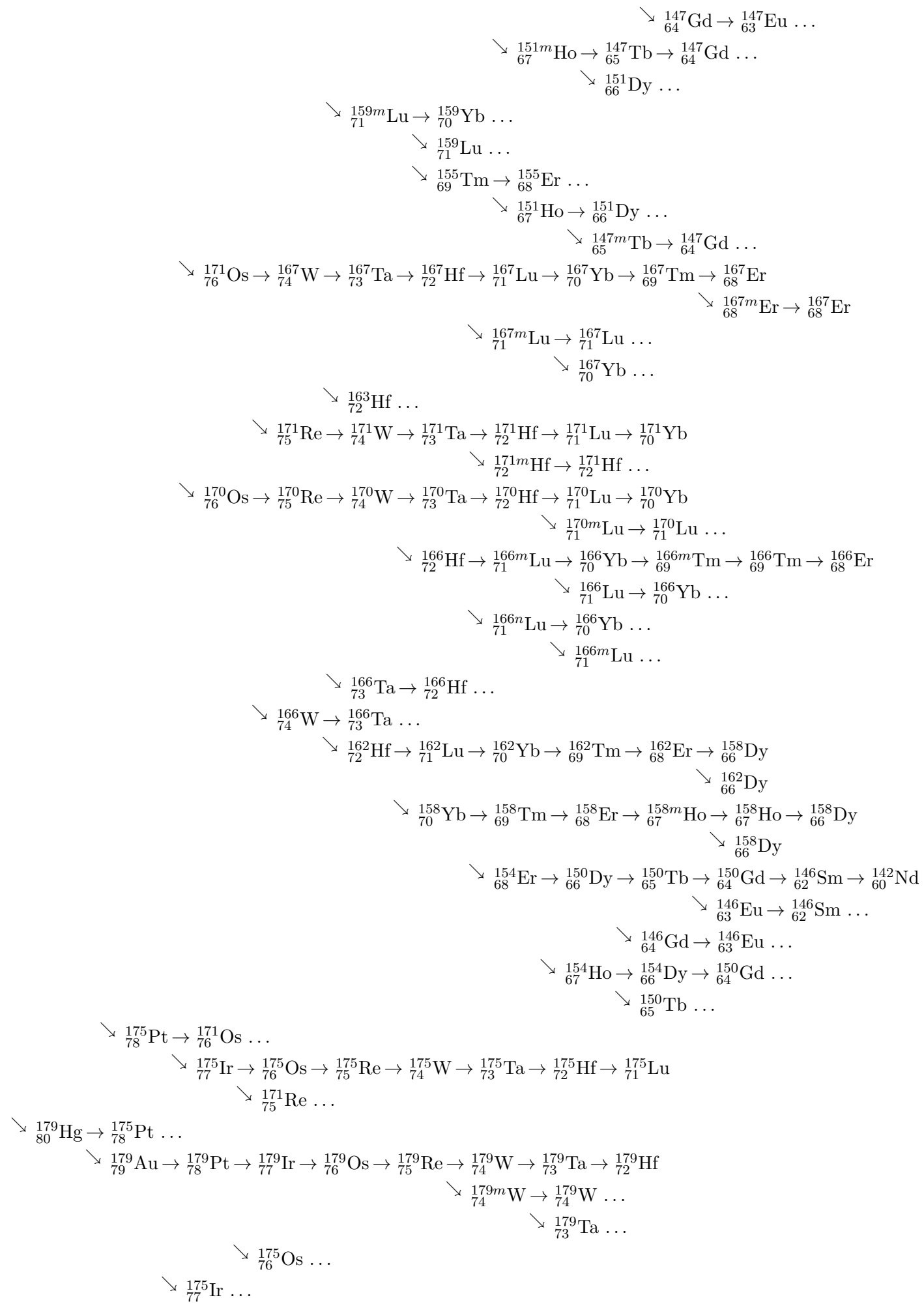
↘ ${}_{68}^{154}\text{Er} \rightarrow {}_{66}^{150}\text{Dy} \rightarrow {}_{65}^{150}\text{Tb} \rightarrow {}_{64}^{150}\text{Gd} \rightarrow {}_{62}^{146}\text{Sm} \rightarrow {}_{60}^{142}\text{Nd}$

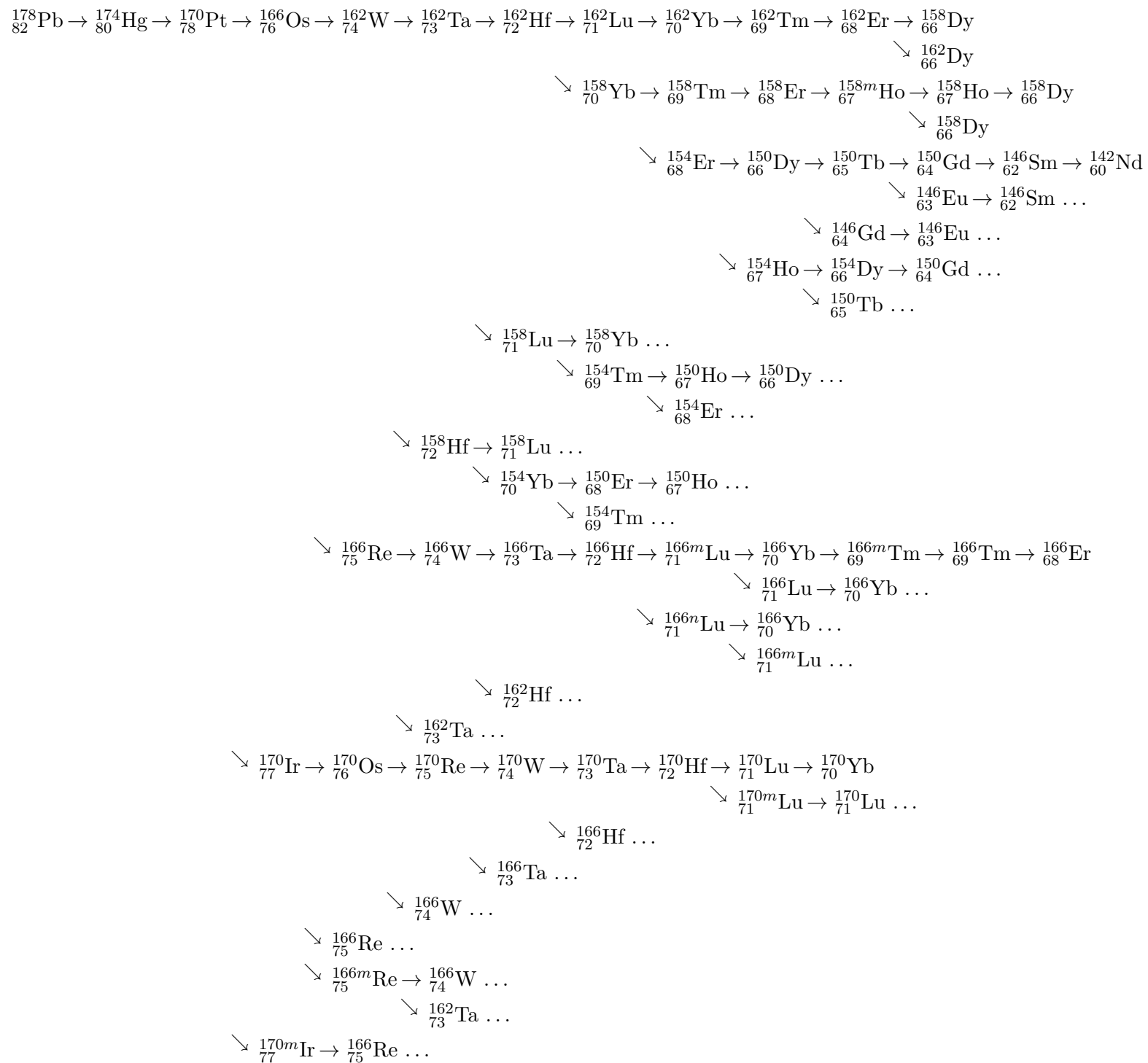
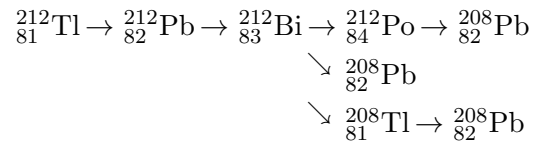
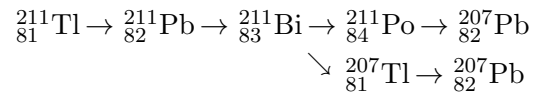
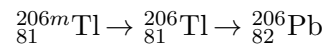
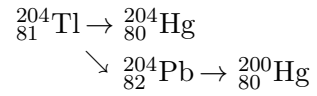
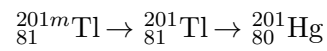












↘ ${}_{75}^{166m}\text{Re} \dots$

↘ ${}_{76}^{170}\text{Os} \dots$

↘ ${}_{77}^{170}\text{Ir} \dots$

${}_{82}^{179}\text{Pb} \rightarrow {}_{80}^{175}\text{Hg} \rightarrow {}_{78}^{171}\text{Pt} \rightarrow {}_{76}^{167}\text{Os} \rightarrow {}_{74}^{163}\text{W} \rightarrow {}_{73}^{163}\text{Ta} \rightarrow {}_{72}^{163}\text{Hf} \rightarrow {}_{71}^{163}\text{Lu} \rightarrow {}_{70}^{163}\text{Yb} \rightarrow {}_{69}^{163}\text{Tm} \rightarrow {}_{68}^{163}\text{Er} \rightarrow {}_{67}^{163}\text{Ho} \rightarrow {}_{66}^{163}\text{Dy}$
↘ ${}_{67}^{163m}\text{Ho} \rightarrow {}_{67}^{163}\text{Ho} \dots$

↘ ${}_{70}^{159}\text{Yb} \rightarrow {}_{69}^{159}\text{Tm} \rightarrow {}_{68}^{159}\text{Er} \rightarrow {}_{67}^{159}\text{Ho} \rightarrow {}_{66}^{159}\text{Dy} \rightarrow {}_{65}^{159}\text{Tb}$

↘ ${}_{67}^{159m}\text{Ho} \rightarrow {}_{67}^{159}\text{Ho} \dots$

↘ ${}_{71}^{159}\text{Lu} \rightarrow {}_{70}^{159}\text{Yb} \dots$

↘ ${}_{69}^{155m}\text{Tm} \rightarrow {}_{68}^{155}\text{Er} \rightarrow {}_{67}^{155}\text{Ho} \rightarrow {}_{66}^{155}\text{Dy} \rightarrow {}_{65}^{155}\text{Tb} \rightarrow {}_{64}^{155}\text{Gd}$

↘ ${}_{66}^{151}\text{Dy} \rightarrow {}_{65}^{151}\text{Tb} \rightarrow {}_{63}^{147}\text{Eu} \rightarrow {}_{61}^{143}\text{Pm} \rightarrow {}_{60}^{143}\text{Nd}$

↘ ${}_{62}^{147}\text{Sm} \rightarrow {}_{60}^{143}\text{Nd}$

↘ ${}_{64}^{151}\text{Gd} \rightarrow {}_{63}^{151}\text{Eu}$

↘ ${}_{62}^{147}\text{Sm} \dots$

↘ ${}_{65}^{151m}\text{Tb} \rightarrow {}_{65}^{151}\text{Tb} \dots$

↘ ${}_{64}^{151}\text{Gd} \dots$

↘ ${}_{64}^{147}\text{Gd} \rightarrow {}_{63}^{147}\text{Eu} \dots$

↘ ${}_{67}^{151m}\text{Ho} \rightarrow {}_{65}^{147}\text{Tb} \rightarrow {}_{64}^{147}\text{Gd} \dots$

↘ ${}_{66}^{151}\text{Dy} \dots$

↘ ${}_{71}^{159m}\text{Lu} \rightarrow {}_{70}^{159}\text{Yb} \dots$

↘ ${}_{71}^{159}\text{Lu} \dots$

↘ ${}_{69}^{155}\text{Tm} \rightarrow {}_{68}^{155}\text{Er} \dots$

↘ ${}_{67}^{151}\text{Ho} \rightarrow {}_{66}^{151}\text{Dy} \dots$

↘ ${}_{65}^{147m}\text{Tb} \rightarrow {}_{64}^{147}\text{Gd} \dots$

↘ ${}_{72}^{159}\text{Hf} \rightarrow {}_{71}^{159}\text{Lu} \dots$

↘ ${}_{70}^{155}\text{Yb} \rightarrow {}_{68}^{151}\text{Er} \rightarrow {}_{67}^{151}\text{Ho} \dots$

↘ ${}_{69}^{155}\text{Tm} \dots$

↘ ${}_{69}^{155m}\text{Tm} \dots$

↘ ${}_{75}^{167m}\text{Re} \rightarrow {}_{74}^{167}\text{W} \rightarrow {}_{73}^{167}\text{Ta} \rightarrow {}_{72}^{167}\text{Hf} \rightarrow {}_{71}^{167}\text{Lu} \rightarrow {}_{70}^{167}\text{Yb} \rightarrow {}_{69}^{167}\text{Tm} \rightarrow {}_{68}^{167}\text{Er}$

↘ ${}_{68}^{167m}\text{Er} \rightarrow {}_{68}^{167}\text{Er}$

↘ ${}_{71}^{167m}\text{Lu} \rightarrow {}_{71}^{167}\text{Lu} \dots$

↘ ${}_{70}^{167}\text{Yb} \dots$

↘ ${}_{72}^{163}\text{Hf} \dots$

↘ ${}_{73}^{163}\text{Ta} \dots$

↘ ${}_{77}^{171}\text{Ir} \rightarrow {}_{75}^{167m}\text{Re} \dots$

${}_{82}^{180}\text{Pb} \rightarrow {}_{80}^{176}\text{Hg} \rightarrow {}_{78}^{172}\text{Pt} \rightarrow {}_{76}^{168}\text{Os} \rightarrow {}_{75}^{168}\text{Re} \rightarrow {}_{74}^{168}\text{W} \rightarrow {}_{73}^{168}\text{Ta} \rightarrow {}_{72}^{168}\text{Hf} \rightarrow {}_{71}^{168m}\text{Lu} \rightarrow {}_{70}^{168}\text{Yb} \rightarrow {}_{68}^{164}\text{Er}$

↘ ${}_{68}^{168}\text{Er}$

↘ ${}_{71}^{168}\text{Lu} \rightarrow {}_{70}^{168}\text{Yb} \dots$

↘ ${}_{72}^{164}\text{Hf} \rightarrow {}_{71}^{164}\text{Lu} \rightarrow {}_{70}^{164}\text{Yb} \rightarrow {}_{69}^{164}\text{Tm} \rightarrow {}_{68}^{164}\text{Er}$

↘ ${}_{73}^{164}\text{Ta} \rightarrow {}_{72}^{164}\text{Hf} \dots$

↘ ${}_{74}^{164}\text{W} \rightarrow {}_{73}^{164}\text{Ta} \dots$

↘ ${}_{72}^{160}\text{Hf} \rightarrow {}_{71}^{160}\text{Lu} \rightarrow {}_{70}^{160}\text{Yb} \rightarrow {}_{69}^{160}\text{Tm} \rightarrow {}_{68}^{160}\text{Er} \rightarrow {}_{67}^{160m}\text{Ho} \rightarrow {}_{67}^{160}\text{Ho} \rightarrow {}_{66}^{160}\text{Dy}$

