${}^{122}_{72}\mathrm{Hf}_{50}$	${}^{124}_{72}\mathrm{Hf}_{52}$	${}^{126}_{72}\mathrm{Hf}_{54}$	${}^{128}_{72}\mathrm{Hf}_{56}$	${}^{130}_{72}\mathrm{Hf}_{58}$	${}^{132}_{72}\mathrm{Hf}_{60}$	${}^{134}_{72}\mathrm{Hf}_{62}$	${}^{136}_{72}\mathrm{Hf}_{64}$	${}^{138}_{72}\mathrm{Hf}_{66}$	${}^{140}_{72}\mathrm{Hf}_{68}$	${}^{142}_{72}\mathrm{Hf}_{70}$	${}^{144}_{72}\mathrm{Hf}_{72}$	${}^{146}_{72}\mathrm{Hf}_{74}$	${}^{148}_{72}\mathrm{Hf}_{76}$	${}^{150}_{72}\mathrm{Hf}_{78}$	${}^{152}_{72}\mathrm{Hf}_{80}$	${}^{154}_{72}\mathrm{Hf}_{82}$
${}^{120}_{70}\mathrm{Yb}_{50}$	${}^{122}_{70}\mathrm{Yb}_{52}$	${}^{124}_{70}\mathrm{Yb}_{54}$	${}^{126}_{70}\mathrm{Yb}_{56}$	${}^{128}_{70}\mathrm{Yb}_{58}$	${}^{130}_{70}\mathrm{Yb}_{60}$	${}^{132}_{70}\mathrm{Yb}_{62}$	${}^{134}_{70}\mathrm{Yb}_{64}$	${}^{136}_{70}\mathrm{Yb}_{66}$	${}^{138}_{70}\mathrm{Yb}_{68}$	${}^{140}_{70}\mathrm{Yb}_{70}$	${}^{142}_{70}\mathrm{Yb}_{72}$	${}^{144}_{70}\mathrm{Yb}_{74}$	${}^{146}_{70}\mathrm{Yb}_{76}$	${}^{148}_{70}\mathrm{Yb}_{78}$	${}^{150}_{70}\mathrm{Yb}_{80}$	${}^{152}_{70}\mathrm{Yb}_{82}$
${}^{118}_{68}\mathrm{Er}_{50}$	${}^{120}_{68}\mathrm{Er}_{52}$	${}^{122}_{68}\mathrm{Er}_{54}$	${}^{124}_{68}\mathrm{Er}_{56}$	${}^{126}_{68}\mathrm{Er}_{58}$	${}^{128}_{68}\mathrm{Er}_{60}$	${}^{130}_{68}\mathrm{Er}_{62}$	${}^{132}_{68}\mathrm{Er}_{64}$	${}^{134}_{68}\mathrm{Er}_{66}$	${}^{136}_{68}\mathrm{Er}_{68}$	${}^{138}_{68}\mathrm{Er}_{70}$	${}^{140}_{68}\mathrm{Er}_{72}$	${}^{142}_{68}\mathrm{Er}_{74}$	${}^{144}_{68}\mathrm{Er}_{76}$	${}^{146}_{68}\mathrm{Er}_{78}$	${}^{148}_{68}\mathrm{Er}_{80}$	${}^{150}_{68}\mathrm{Er}_{82}$
${}^{116}_{66}\mathrm{Dy}_{50}$	${}^{118}_{66}\mathrm{Dy}_{52}$	${}^{120}_{66}\mathrm{Dy}_{54}$	${}^{122}_{66}\mathrm{Dy}_{56}$	${}^{124}_{66}\mathrm{Dy}_{58}$	${}^{126}_{66}\mathrm{Dy}_{60}$	${}^{128}_{66}\mathrm{Dy}_{62}$	${}^{130}_{66}\mathrm{Dy}_{64}$	${}^{132}_{66}\mathrm{Dy}_{66}$	${}^{134}_{66}\mathrm{Dy}_{68}$	${}^{136}_{66}\mathrm{Dy}_{70}$	${}^{138}_{66}\mathrm{Dy}_{72}$	${}^{140}_{66}\mathrm{Dy}_{74}$	${}^{142}_{66}\mathrm{Dy}_{76}$	${}^{144}_{66}\mathrm{Dy}_{78}$	${}^{146}_{66}\mathrm{Dy}_{80}$	${}^{148}_{66}\mathrm{Dy}_{82}$
${}^{114}_{64}\mathrm{Gd}_{50}$	${}^{116}_{64}\mathrm{Gd}_{52}$	${}^{118}_{64}\mathrm{Gd}_{54}$	${}^{120}_{64}\mathrm{Gd}_{56}$	${}^{122}_{64}\mathrm{Gd}_{58}$	${}^{124}_{64}\mathrm{Gd}_{60}$	${}^{126}_{64}\mathrm{Gd}_{62}$	${}^{128}_{64}\mathrm{Gd}_{64}$	${}^{130}_{64}\mathrm{Gd}_{66}$	${}^{132}_{64}\mathrm{Gd}_{68}$	${}^{134}_{64}\mathrm{Gd}_{70}$	${}^{136}_{64}\mathrm{Gd}_{72}$	${}^{138}_{64}\mathrm{Gd}_{74}$	${}^{140}_{64}\mathrm{Gd}_{76}$	${}^{142}_{64}\mathrm{Gd}_{78}$	${}^{144}_{64}\mathrm{Gd}_{80}$	${}^{146}_{64}\mathrm{Gd}_{82}$
${}^{112}_{62}\mathrm{Sm}_{50}$	${}^{114}_{62}\mathrm{Sm}_{52}$	${}^{116}_{62}\mathrm{Sm}_{54}$	${}^{118}_{62}\mathrm{Sm}_{56}$	${}^{120}_{62}\mathrm{Sm}_{58}$	${}^{122}_{62}\mathrm{Sm}_{60}$	${}^{124}_{62}\mathrm{Sm}_{62}$	${}^{126}_{62}\mathrm{Sm}_{64}$	${}^{128}_{62}\mathrm{Sm}_{66}$	${}^{130}_{62}\mathrm{Sm}_{68}$	${}^{132}_{62}\mathrm{Sm}_{70}$	${}^{134}_{62}\mathrm{Sm}_{72}$	${}^{136}_{62}\mathrm{Sm}_{74}$	${}^{138}_{62}\mathrm{Sm}_{76}$	${}^{140}_{62}\mathrm{Sm}_{78}$	${}^{142}_{62}\mathrm{Sm}_{80}$	${}^{144}_{62}\mathrm{Sm}_{82}$
${}^{110}_{60}\mathrm{Nd}_{50}$	${}^{112}_{60}\mathrm{Nd}_{52}$	${}^{114}_{60}\mathrm{Nd}_{54}$	${}^{116}_{60}\mathrm{Nd}_{56}$	${}^{118}_{60}\mathrm{Nd}_{58}$	${}^{120}_{60}\mathrm{Nd}_{60}$	${}^{122}_{60}\mathrm{Nd}_{62}$	${}^{124}_{60}\mathrm{Nd}_{64}$	${}^{126}_{60}\mathrm{Nd}_{66}$	${}^{128}_{60}\mathrm{Nd}_{68}$	${}^{130}_{60}\mathrm{Nd}_{70}$	${}^{132}_{60}\mathrm{Nd}_{72}$	${}^{134}_{60}\mathrm{Nd}_{74}$	${}^{136}_{60}\mathrm{Nd}_{76}$	${}^{138}_{60}\mathrm{Nd}_{78}$	${}^{140}_{60}\mathrm{Nd}_{80}$	${}^{142}_{60}\mathrm{Nd}_{82}$
${}^{108}_{58}\mathrm{Ce}_{50}$	${}^{110}_{58}\mathrm{Ce}_{52}$	${}^{112}_{58}\mathrm{Ce}_{54}$	${}^{114}_{58}\mathrm{Ce}_{56}$	${}^{116}_{58}\mathrm{Ce}_{58}$	${}^{118}_{58}\mathrm{Ce}_{60}$	${}^{120}_{58}\mathrm{Ce}_{62}$	${}^{122}_{58}\mathrm{Ce}_{64}$	${}^{124}_{58}\mathrm{Ce}_{66}$	${}^{126}_{58}\mathrm{Ce}_{68}$	${}^{128}_{58}\mathrm{Ce}_{70}$	${}^{130}_{58}\mathrm{Ce}_{72}$	${}^{132}_{58}\mathrm{Ce}_{74}$	${}^{134}_{58}\mathrm{Ce}_{76}$	${}^{136}_{58}\mathrm{Ce}_{78}$	${}^{138}_{58}\mathrm{Ce}_{80}$	${}^{140}_{58}\mathrm{Ce}_{82}$
${}^{106}_{56}\mathrm{Ba}_{50}$	${}^{108}_{56}\mathrm{Ba}_{52}$	${}^{110}_{56}\mathrm{Ba}_{54}$	${}^{112}_{56}\mathrm{Ba}_{56}$	${}^{114}_{56}\mathrm{Ba}_{58}$	${}^{116}_{56}\mathrm{Ba}_{60}$	${}^{118}_{56}\mathrm{Ba}_{62}$	${}^{120}_{56}\mathrm{Ba}_{64}$	${}^{122}_{56}\mathrm{Ba}_{66}$	${}^{124}_{56}\mathrm{Ba}_{68}$	${}^{126}_{56}\mathrm{Ba}_{70}$	${}^{128}_{56}\mathrm{Ba}_{72}$	${}^{130}_{56}\mathrm{Ba}_{74}$	${}^{132}_{56}\mathrm{Ba}_{76}$	${}^{134}_{56}\mathrm{Ba}_{78}$	${}^{136}_{56}\mathrm{Ba}_{80}$	${}^{138}_{56}\mathrm{Ba}_{82}$
${}^{104}_{54}\mathrm{Xe}_{50}$	${}^{106}_{54}\mathrm{Xe}_{52}$	${}^{108}_{54}\mathrm{Xe}_{54}$	${}^{110}_{54}\mathrm{Xe}_{56}$	${}^{112}_{54}\mathrm{Xe}_{58}$	${}^{114}_{54}\mathrm{Xe}_{60}$	${}^{116}_{54}\mathrm{Xe}_{62}$	${}^{118}_{54}\mathrm{Xe}_{64}$	${}^{120}_{54}\mathrm{Xe}_{66}$	${}^{122}_{54}\mathrm{Xe}_{68}$	${}^{124}_{54}\mathrm{Xe}_{70}$	${}^{126}_{54}\mathrm{Xe}_{72}$	${}^{128}_{54}\mathrm{Xe}_{74}$	${}^{130}_{54}\mathrm{Xe}_{76}$	${}^{132}_{54}\mathrm{Xe}_{78}$	${}^{134}_{54}\mathrm{Xe}_{80}$	${}^{136}_{54}\mathrm{Xe}_{82}$
${}^{102}_{52}\mathrm{Te}_{50}$	${}^{104}_{52}\mathrm{Te}_{52}$	${}^{106}_{52}\mathrm{Te}_{54}$	${}^{108}_{52}\mathrm{Te}_{56}$	${}^{110}_{52}\mathrm{Te}_{58}$	${}^{112}_{52}\mathrm{Te}_{60}$	${}^{114}_{52}\mathrm{Te}_{62}$	${}^{116}_{52}\mathrm{Te}_{64}$	${}^{118}_{52}\mathrm{Te}_{66}$	${}^{120}_{52}\mathrm{Te}_{68}$	${}^{122}_{52}\mathrm{Te}_{70}$	${}^{124}_{52}\mathrm{Te}_{72}$	${}^{126}_{52}\mathrm{Te}_{74}$	${}^{128}_{52}\mathrm{Te}_{76}$	${}^{130}_{52}\mathrm{Te}_{78}$	${}^{132}_{52}\mathrm{Te}_{80}$	${}^{134}_{52}\mathrm{Te}_{82}$
${}^{100}_{50}\mathrm{Sn}_{50}$	${}^{102}_{50}\mathrm{Sn}_{52}$	${}^{104}_{50}\mathrm{Sn}_{54}$	${}^{106}_{50}\mathrm{Sn}_{56}$	${}^{108}_{50}\mathrm{Sn}_{58}$	${}^{110}_{50}\mathrm{Sn}_{60}$	${}^{112}_{50}\mathrm{Sn}_{62}$	${}^{114}_{50}\mathrm{Sn}_{64}$	${}^{116}_{50}\mathrm{Sn}_{66}$	${}^{118}_{50}\mathrm{Sn}_{68}$	${}^{120}_{50}\mathrm{Sn}_{70}$	${}^{122}_{50}\mathrm{Sn}_{72}$	${}^{124}_{50}\mathrm{Sn}_{74}$	${}^{126}_{50}\mathrm{Sn}_{76}$	${}^{128}_{50}\mathrm{Sn}_{78}$	${}^{130}_{50}\mathrm{Sn}_{80}$	${}^{132}_{50}\mathrm{Sn}_{82}$