

Atomic Mass Evaluation 1995
(G.Audi and A.H.Wapstra)

1850 masses well known

1100 masses unknown

Proton drip line
($S_{1p}=0$)

Superheavies
(shell stabilization)

Deformation

Neutron drip line ($S_{1n}=0$)

$N=Z$ nuclei

Doubly magic nuclei far off
stability, shell quenching

Halo nuclei
(separation energies)

— N —→

