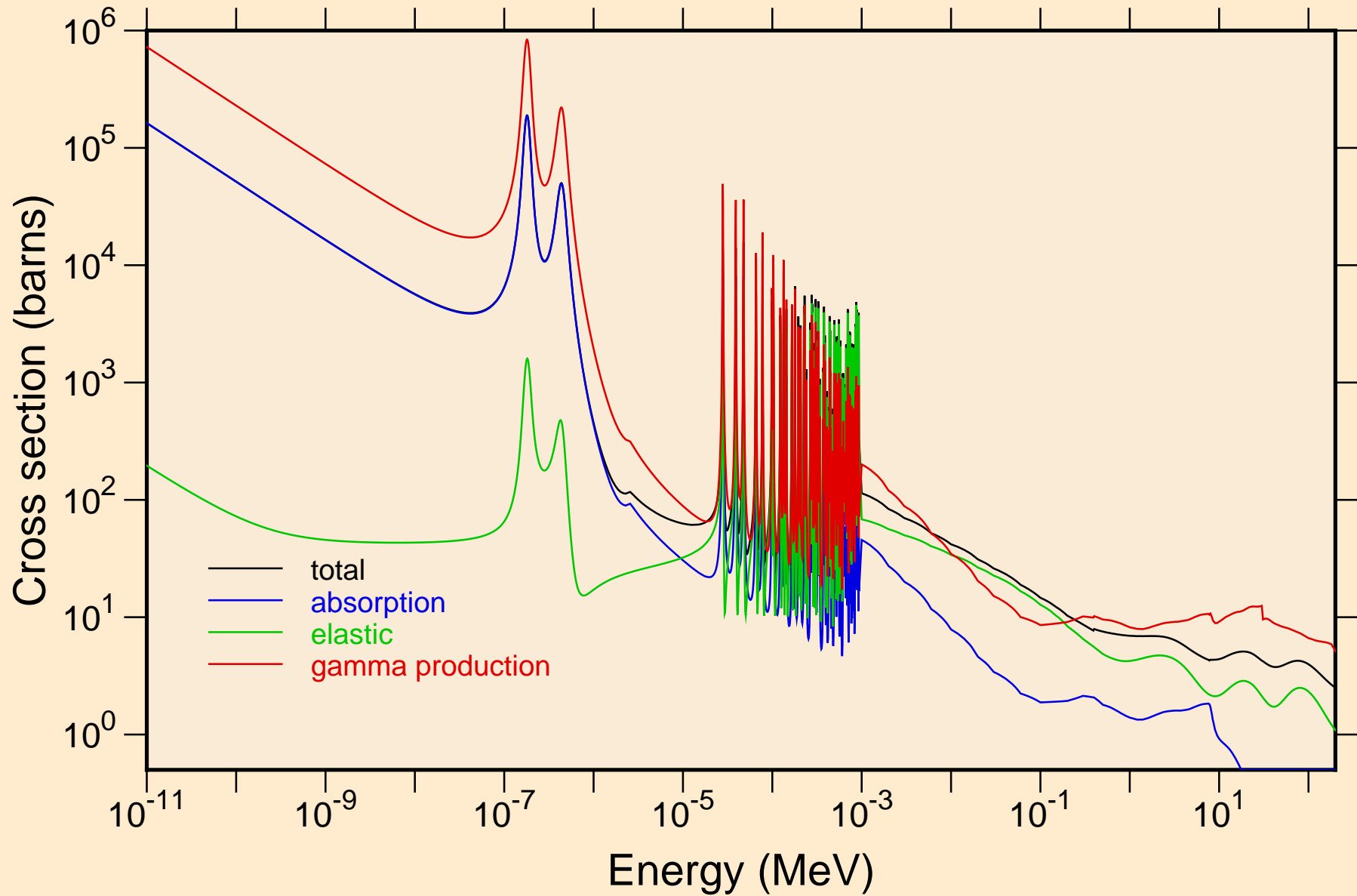
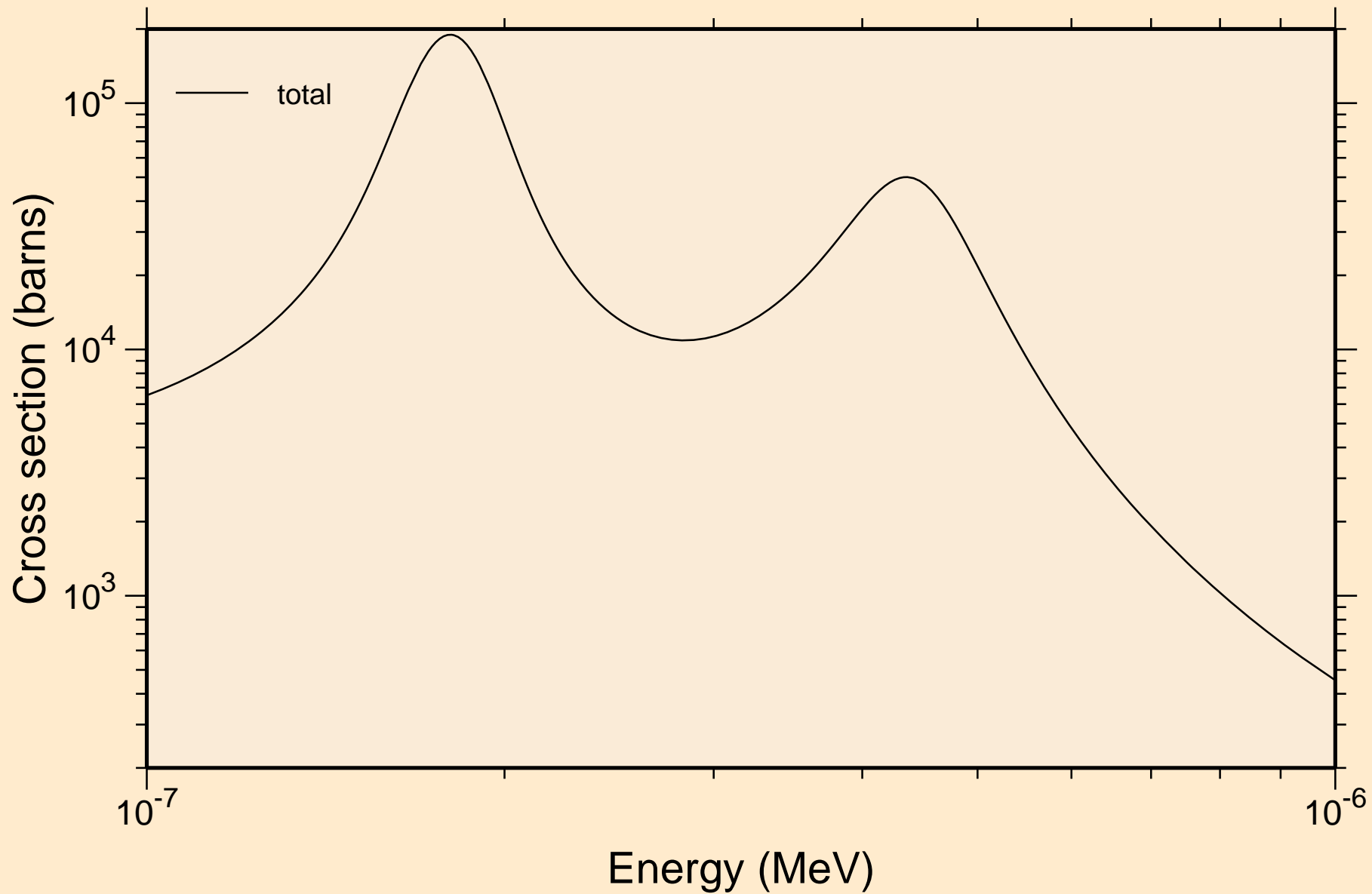


# HF160 NRG TENDL-2015, AKONING

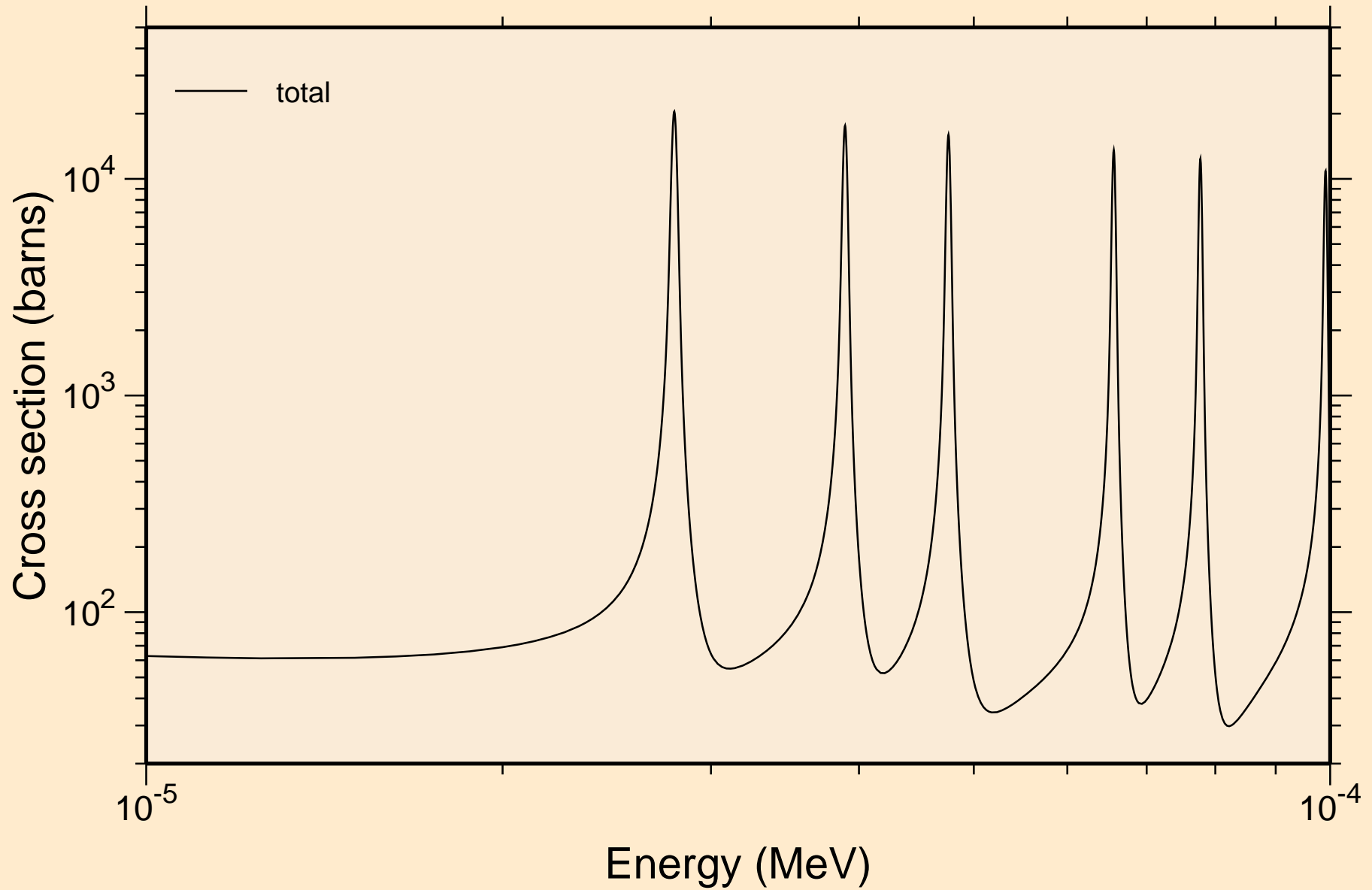
## Principal cross sections



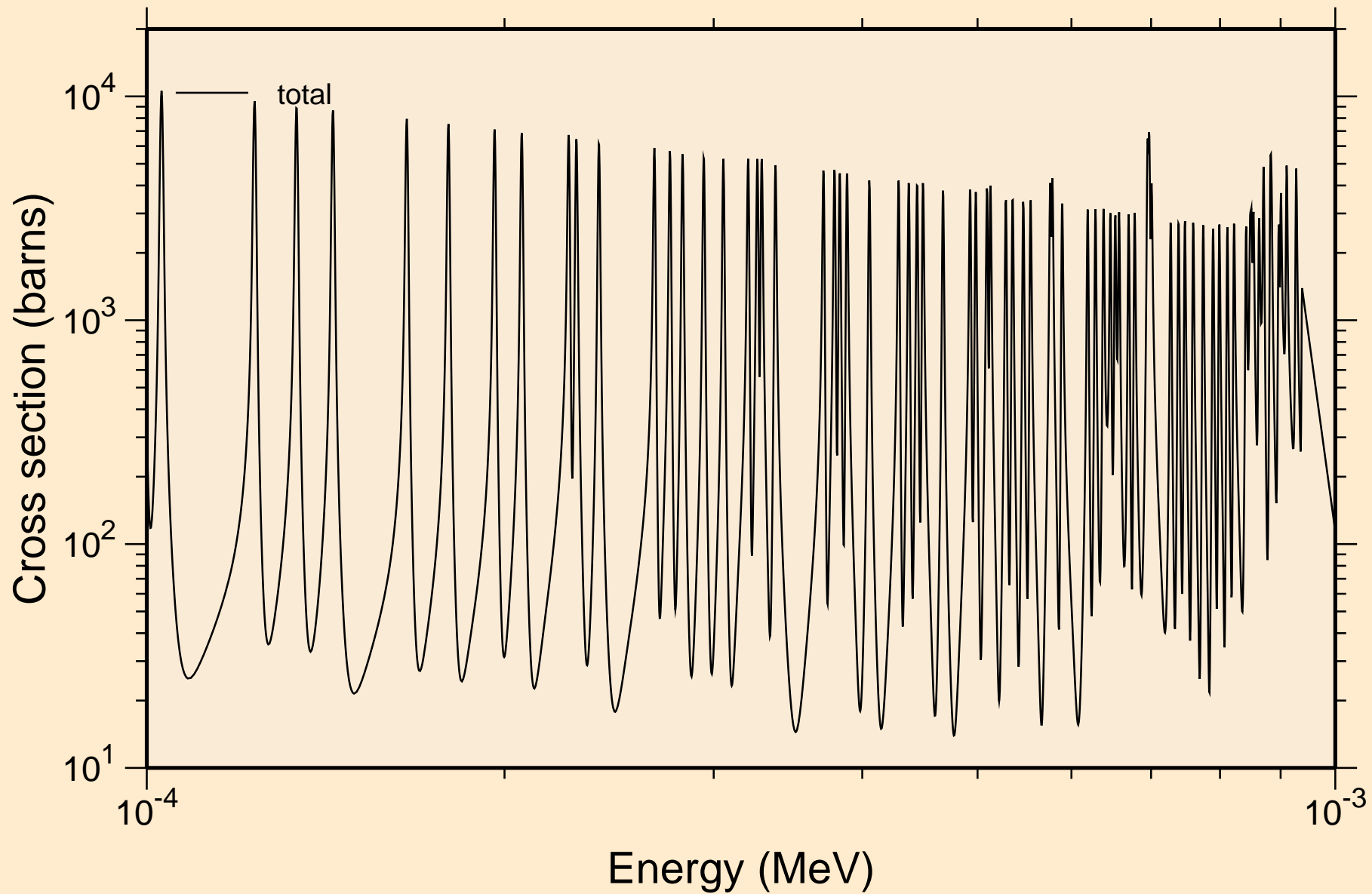
HF160 NRG TENDL-2015, AKONING  
resonance total cross section



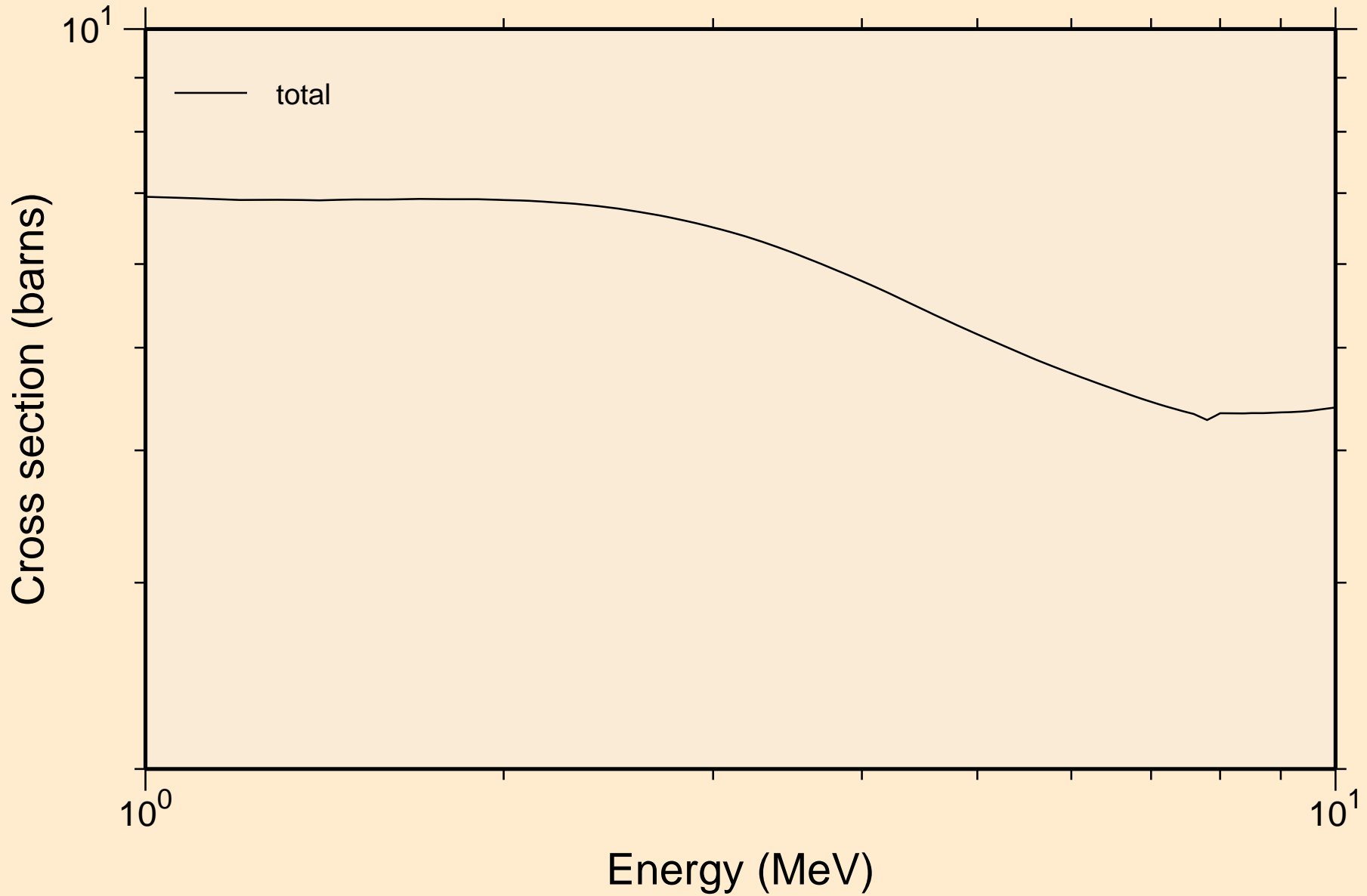
HF160 NRG TENDL-2015, AKONING  
resonance total cross section



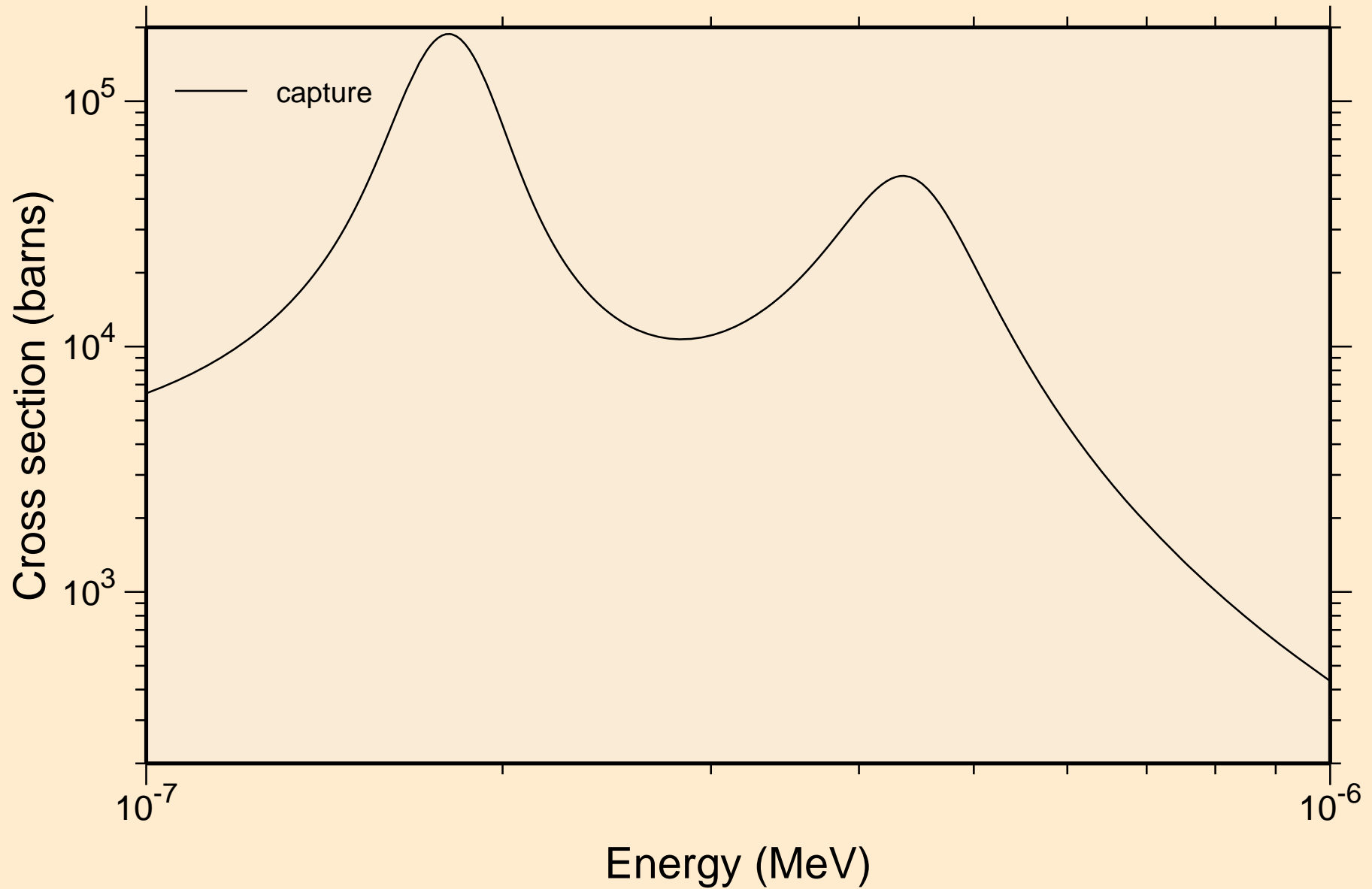
HF160 NRG TENDL-2015, AKONING  
resonance total cross section



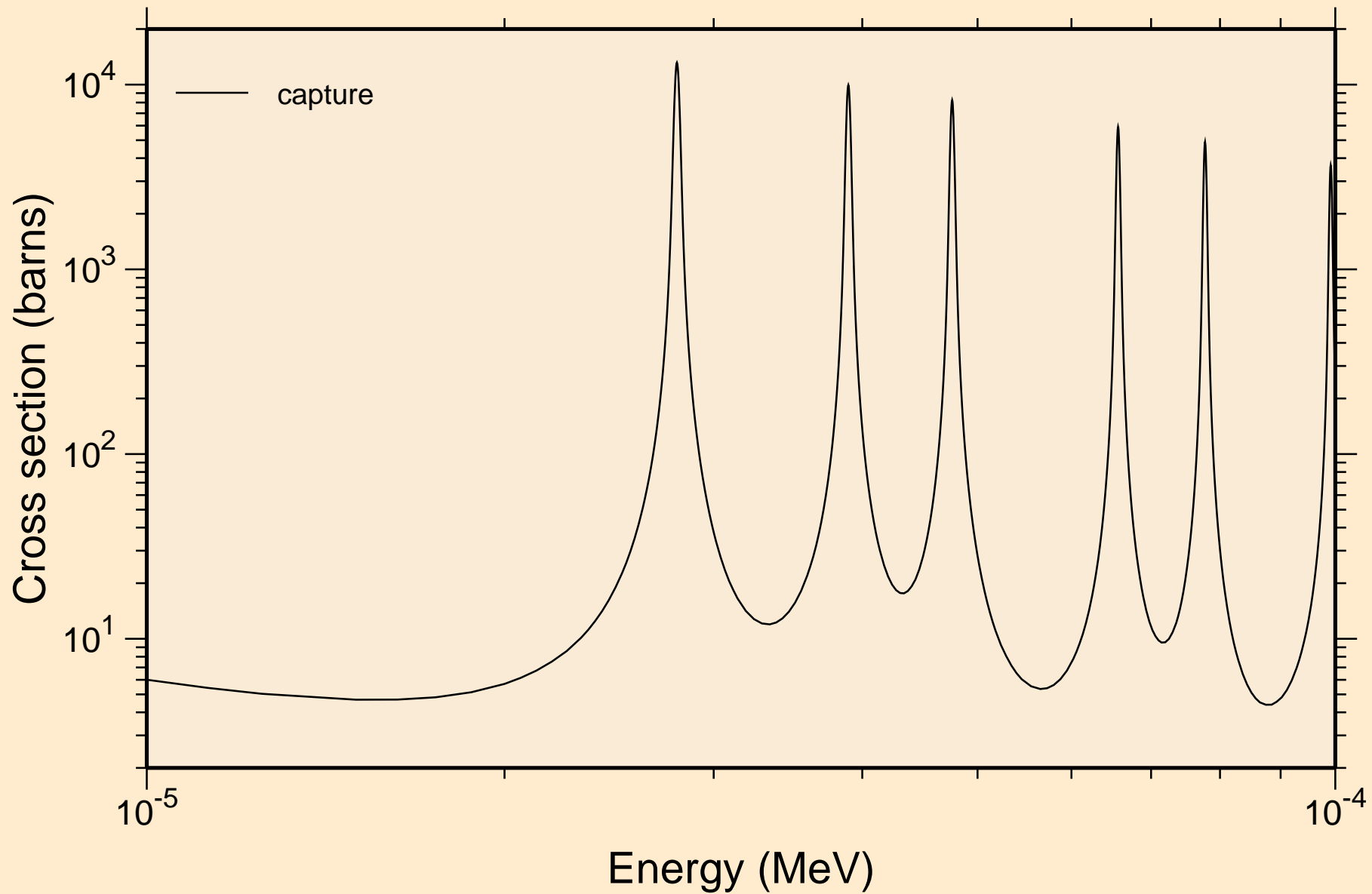
HF160 NRG TENDL-2015, AKONING  
resonance total cross section



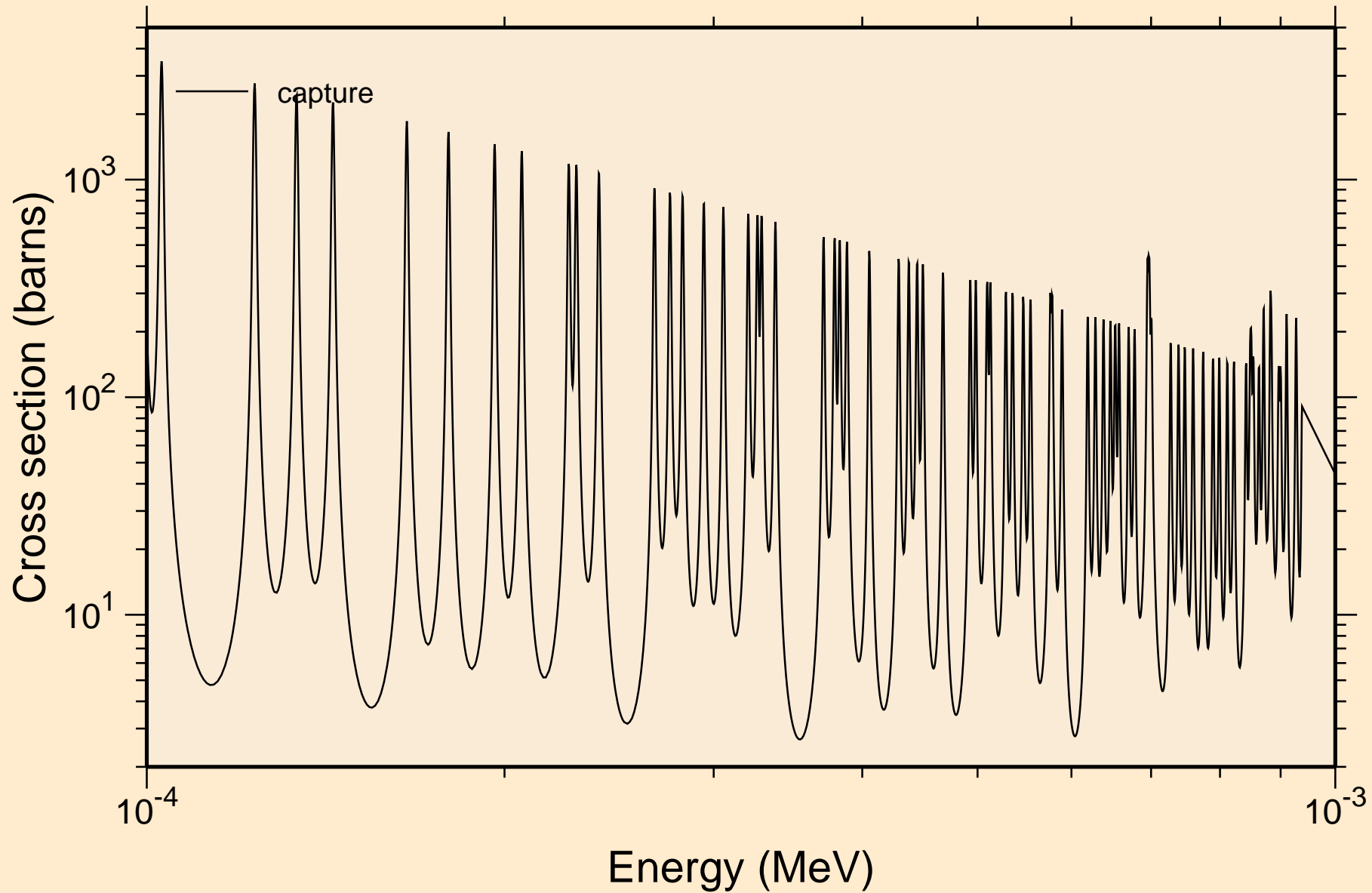
HF160 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# HF160 NRG TENDL-2015, AKONING resonance absorption cross sections

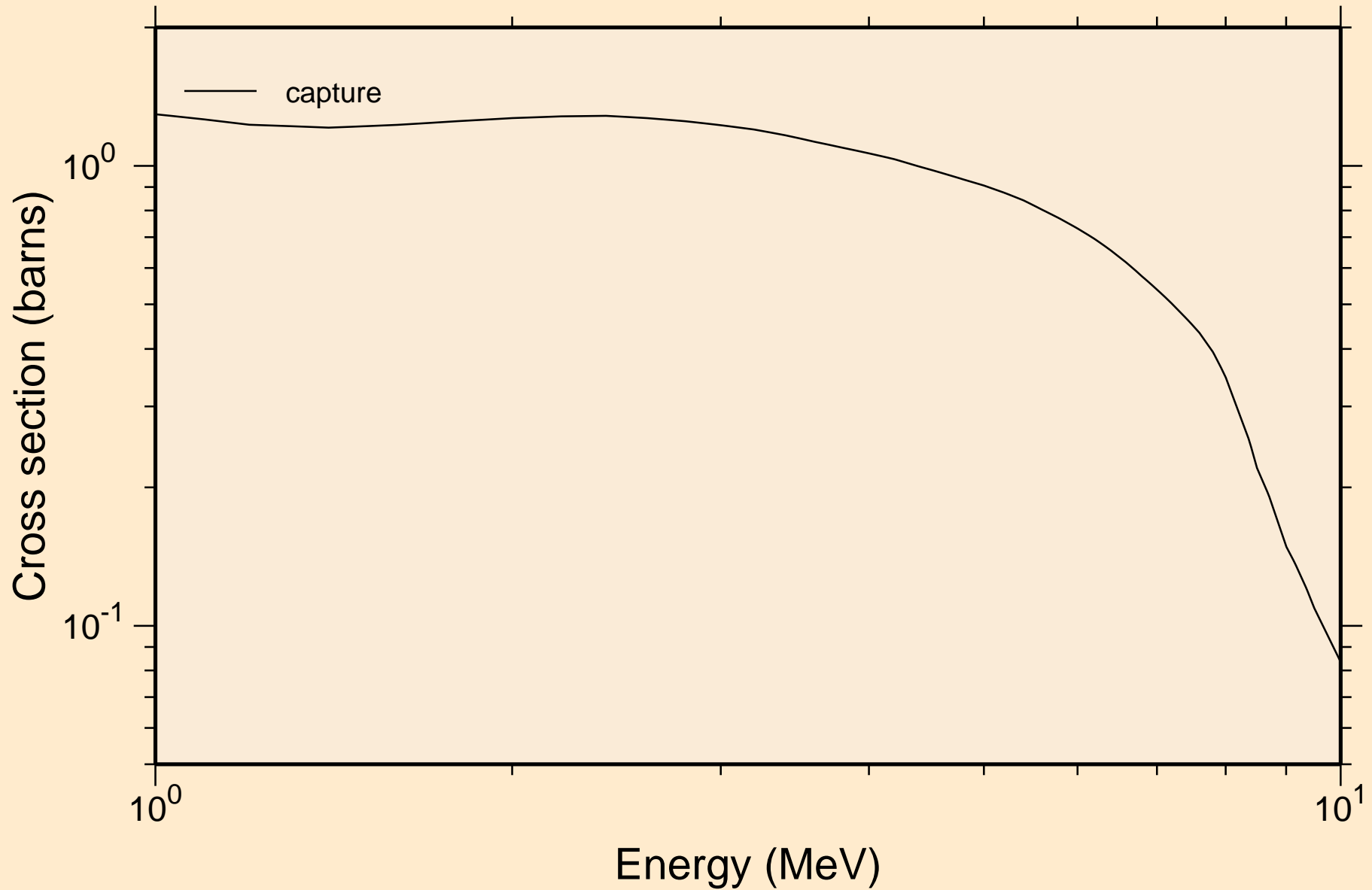


# HF160 NRG TENDL-2015, AKONING resonance absorption cross sections



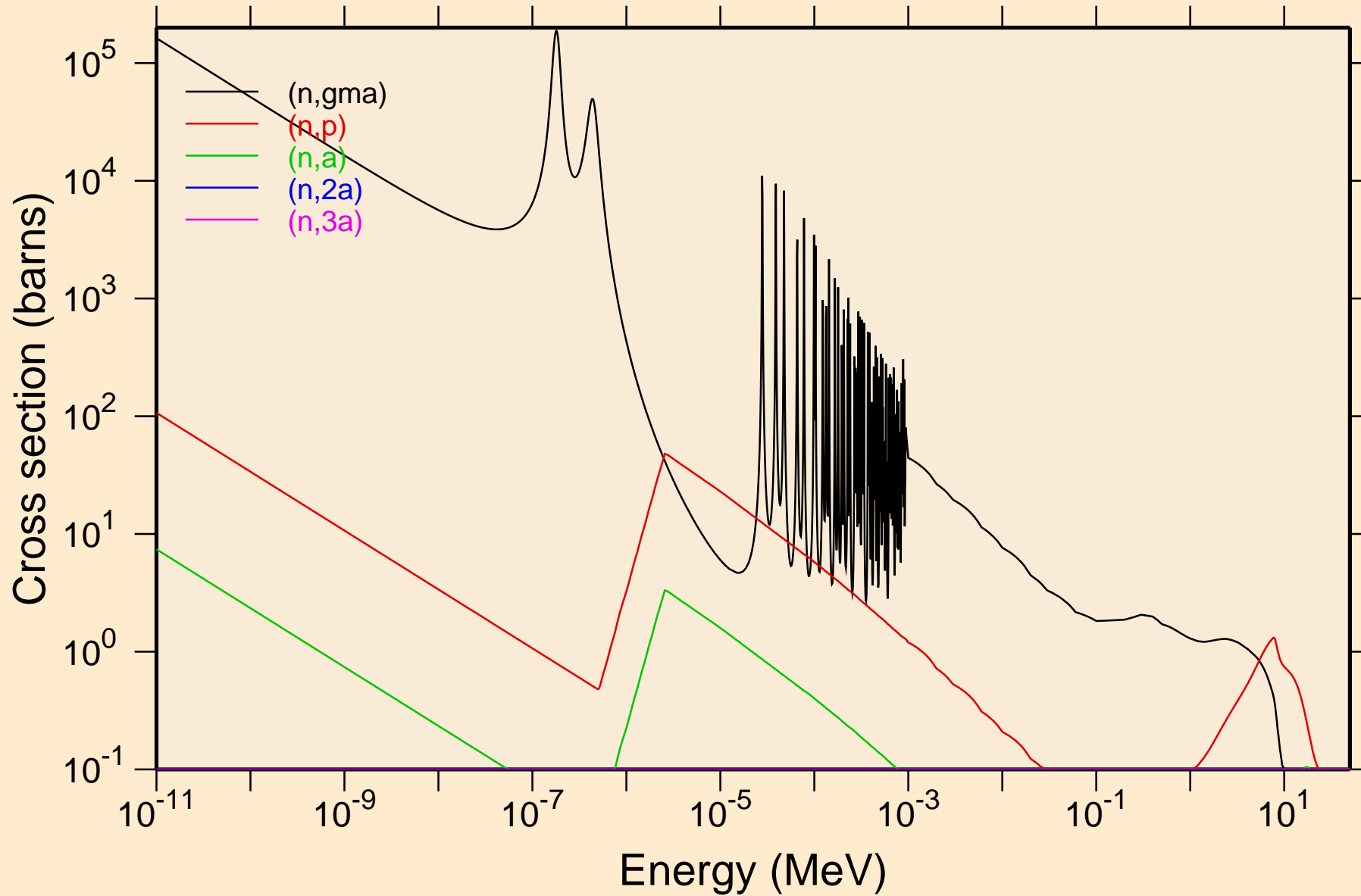


HF160 NRG TENDL-2015, AKONING  
resonance absorption cross sections

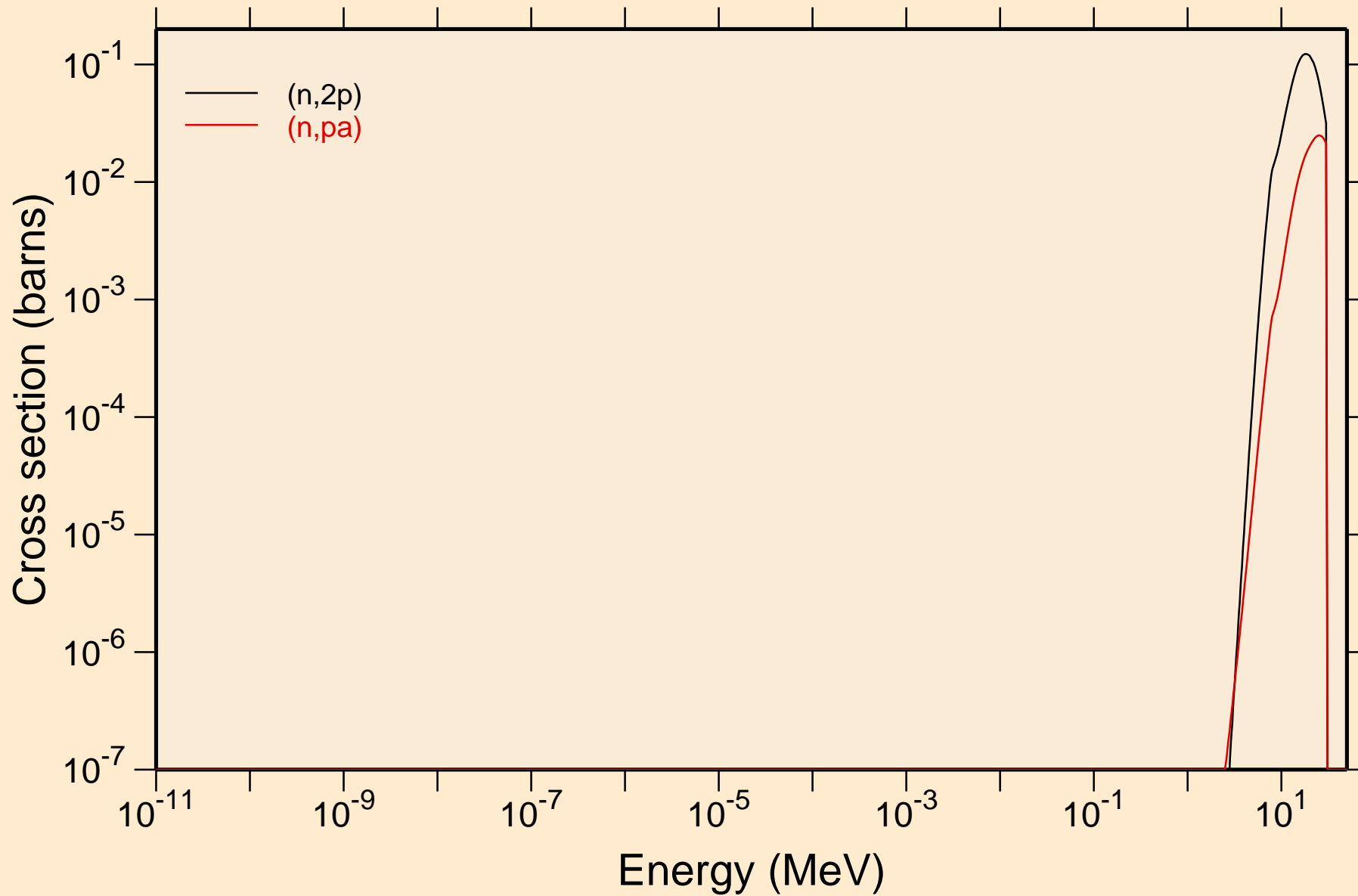


# HF160 NRG TENDL-2015, AKONING

## Non-threshold reactions

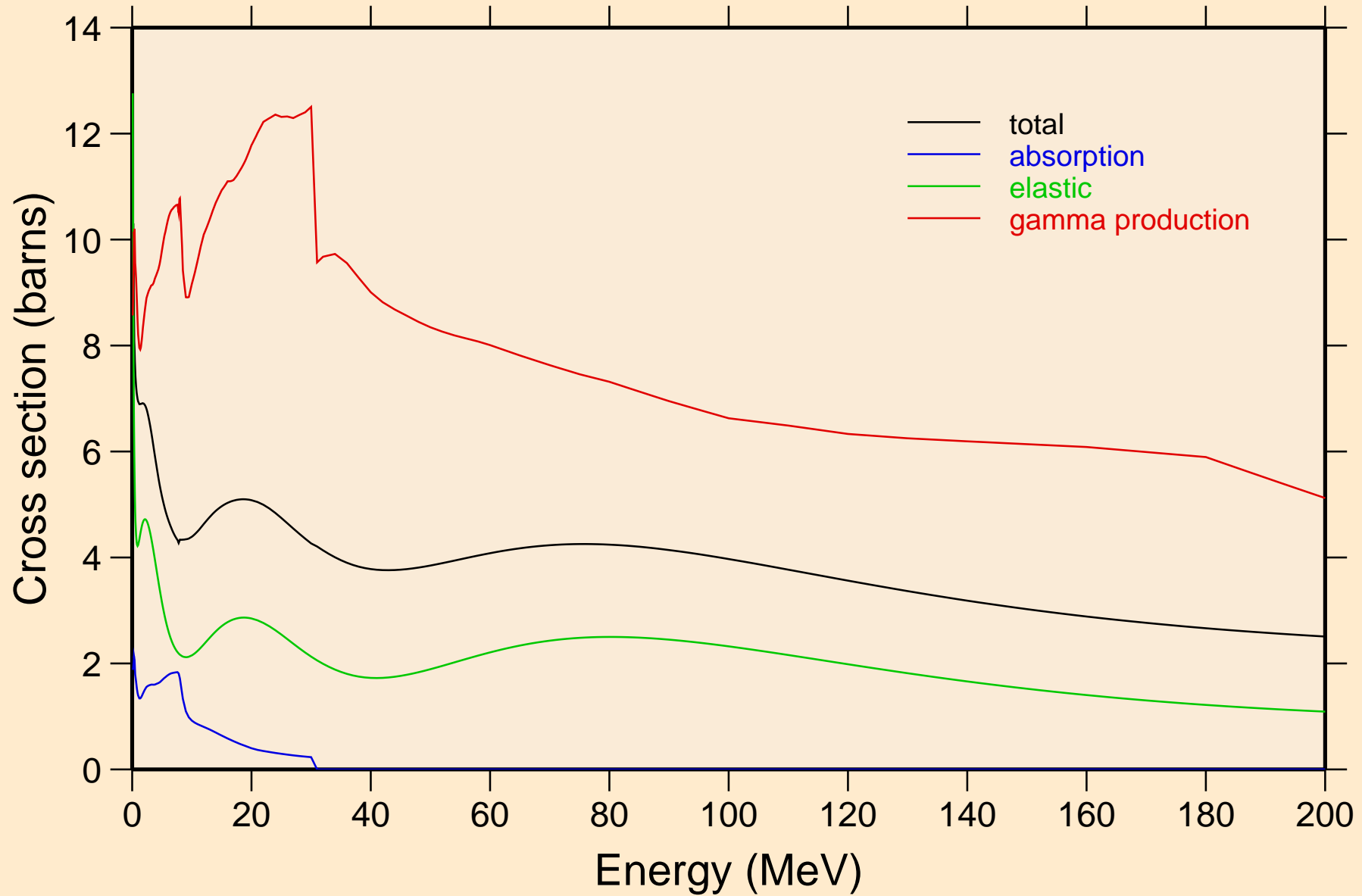


HF160 NRG TENDL-2015, AKONING  
Non-threshold reactions



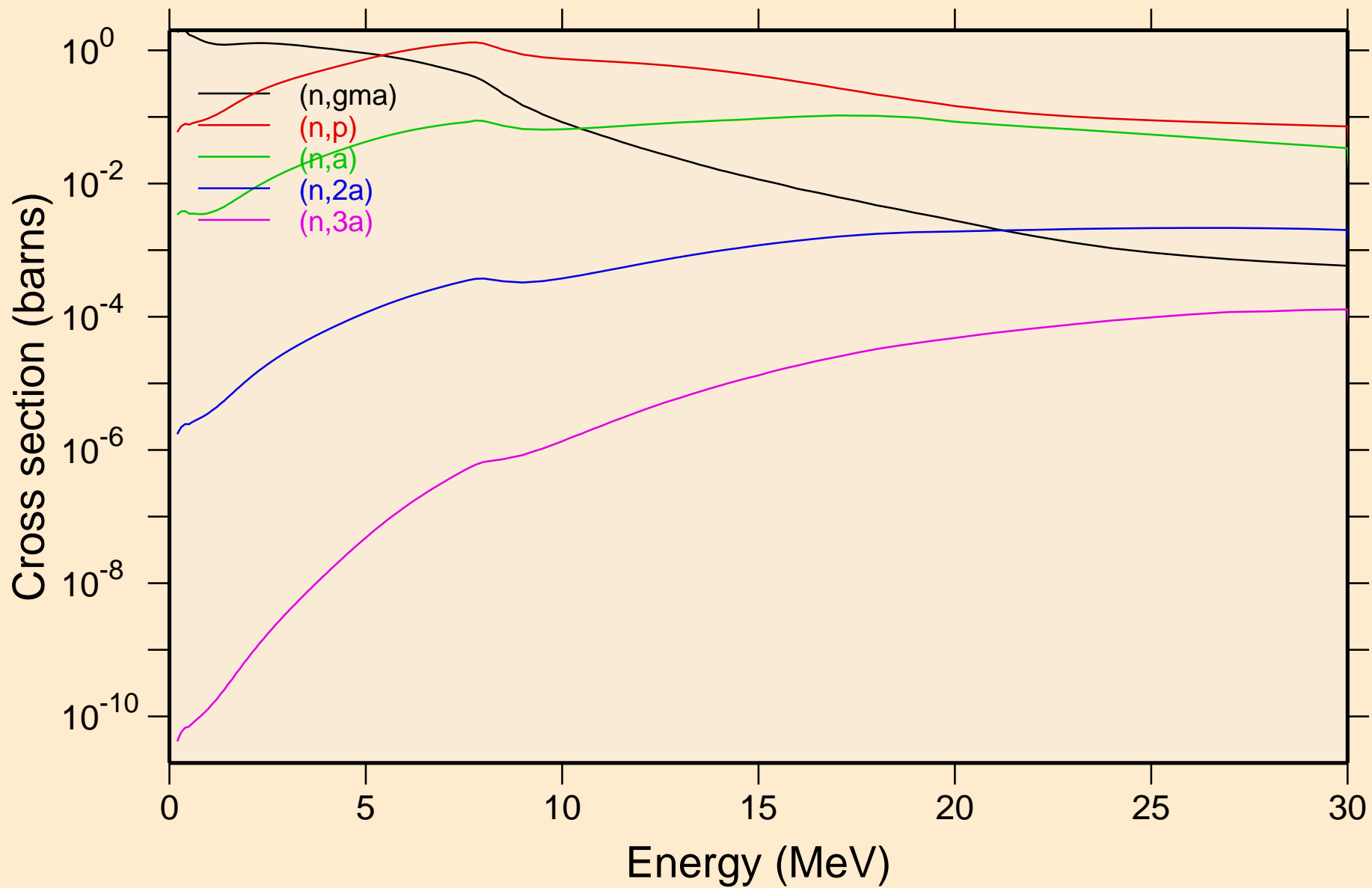
# HF160 NRG TENDL-2015, AKONING

## Principal cross sections



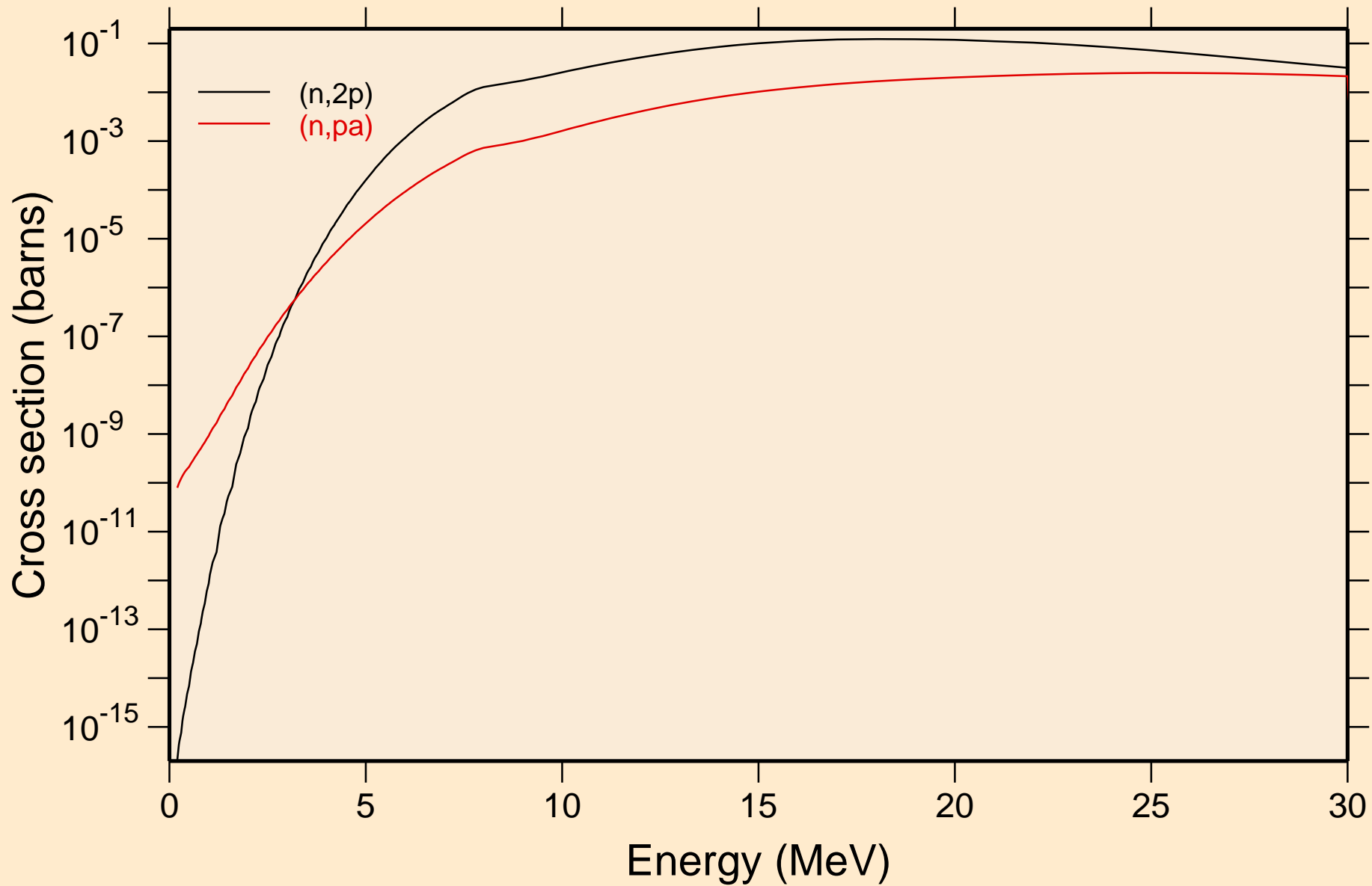
# HF160 NRG TENDL-2015, AKONING

## Non-threshold reactions



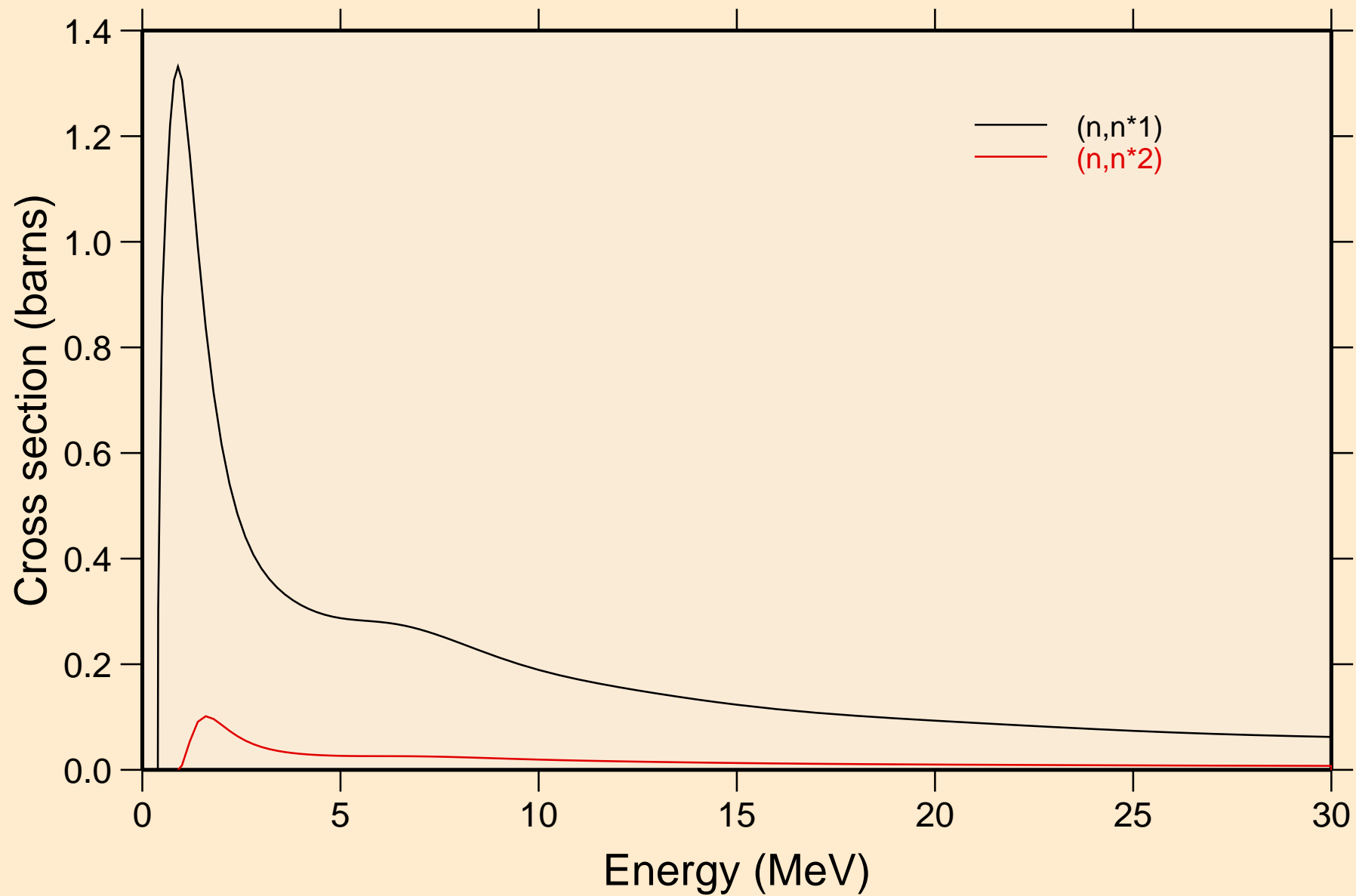
# HF160 NRG TENDL-2015, AKONING

## Non-threshold reactions



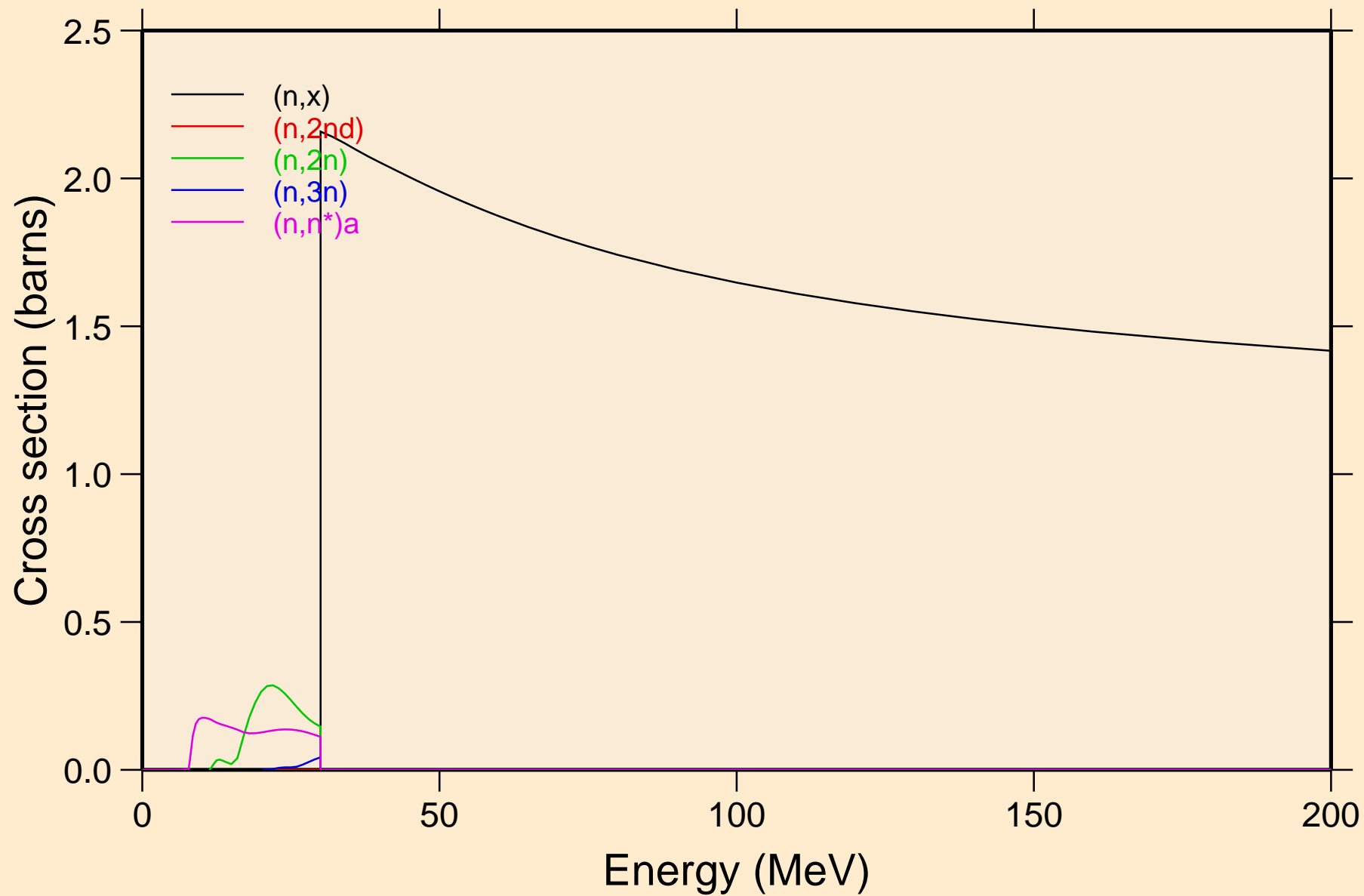
# HF160 NRG TENDL-2015, AKONING

## Inelastic levels



# HF160 NRG TENDL-2015, AKONING

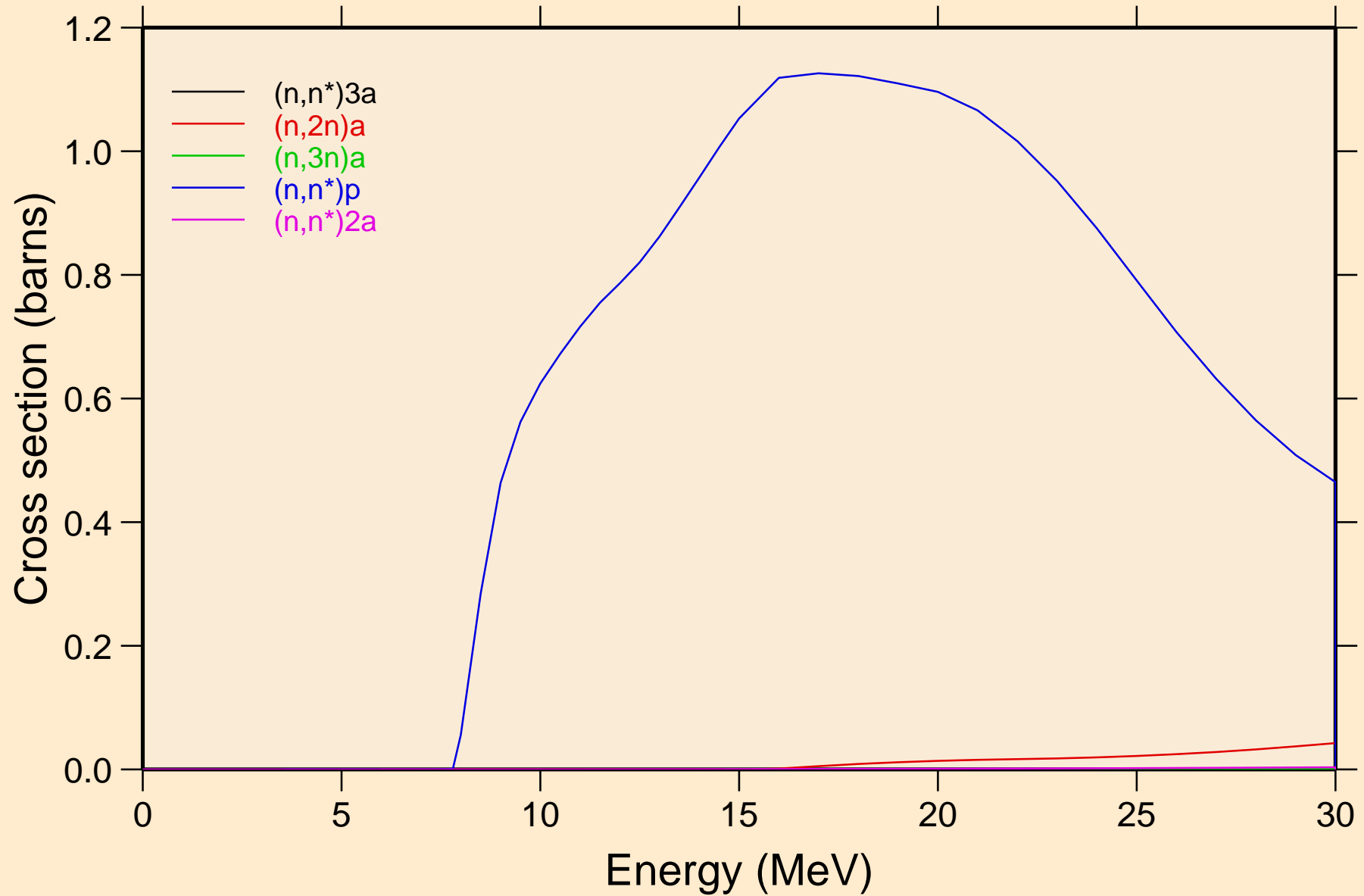
## Threshold reactions





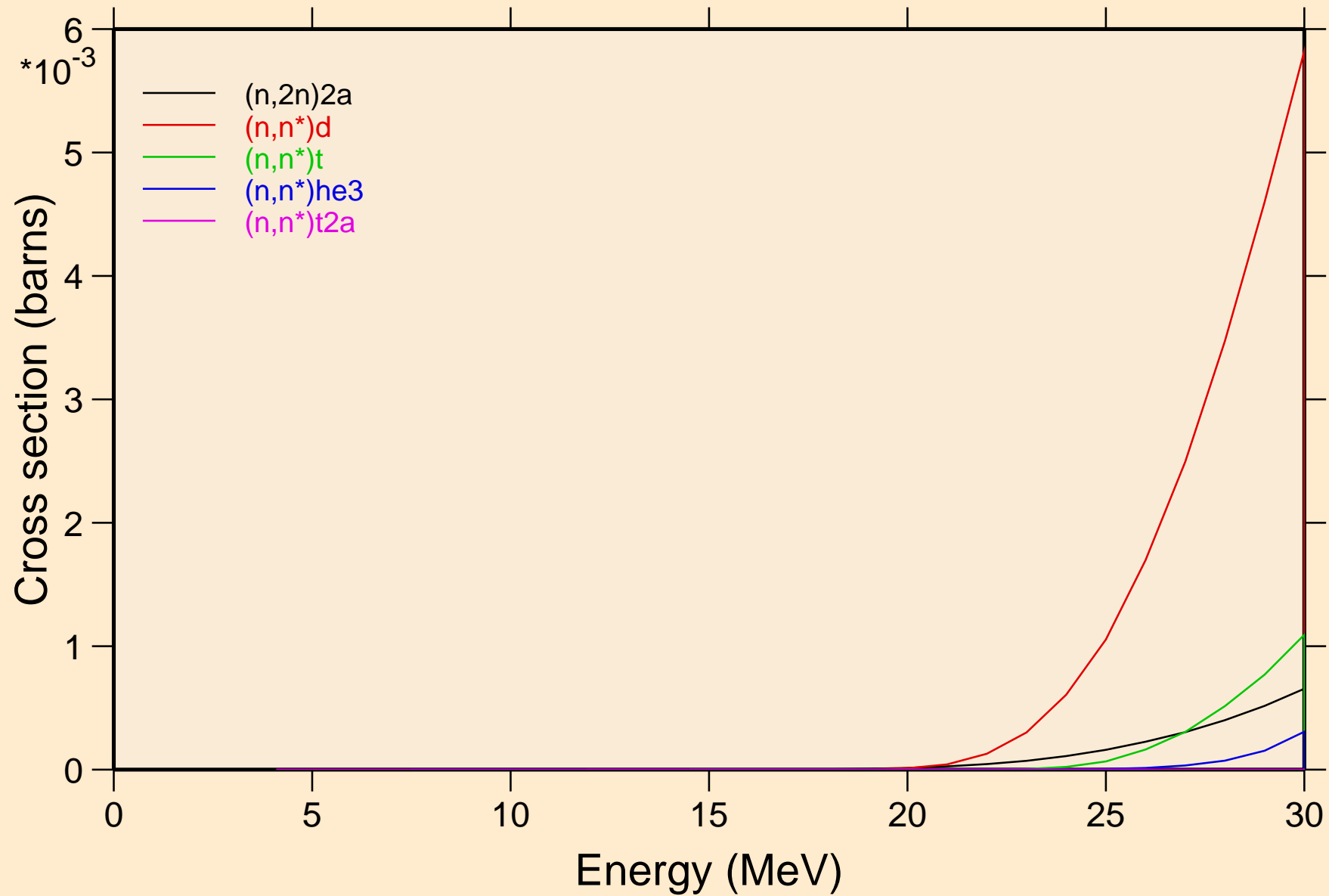
# HF160 NRG TENDL-2015, AKONING

## Threshold reactions



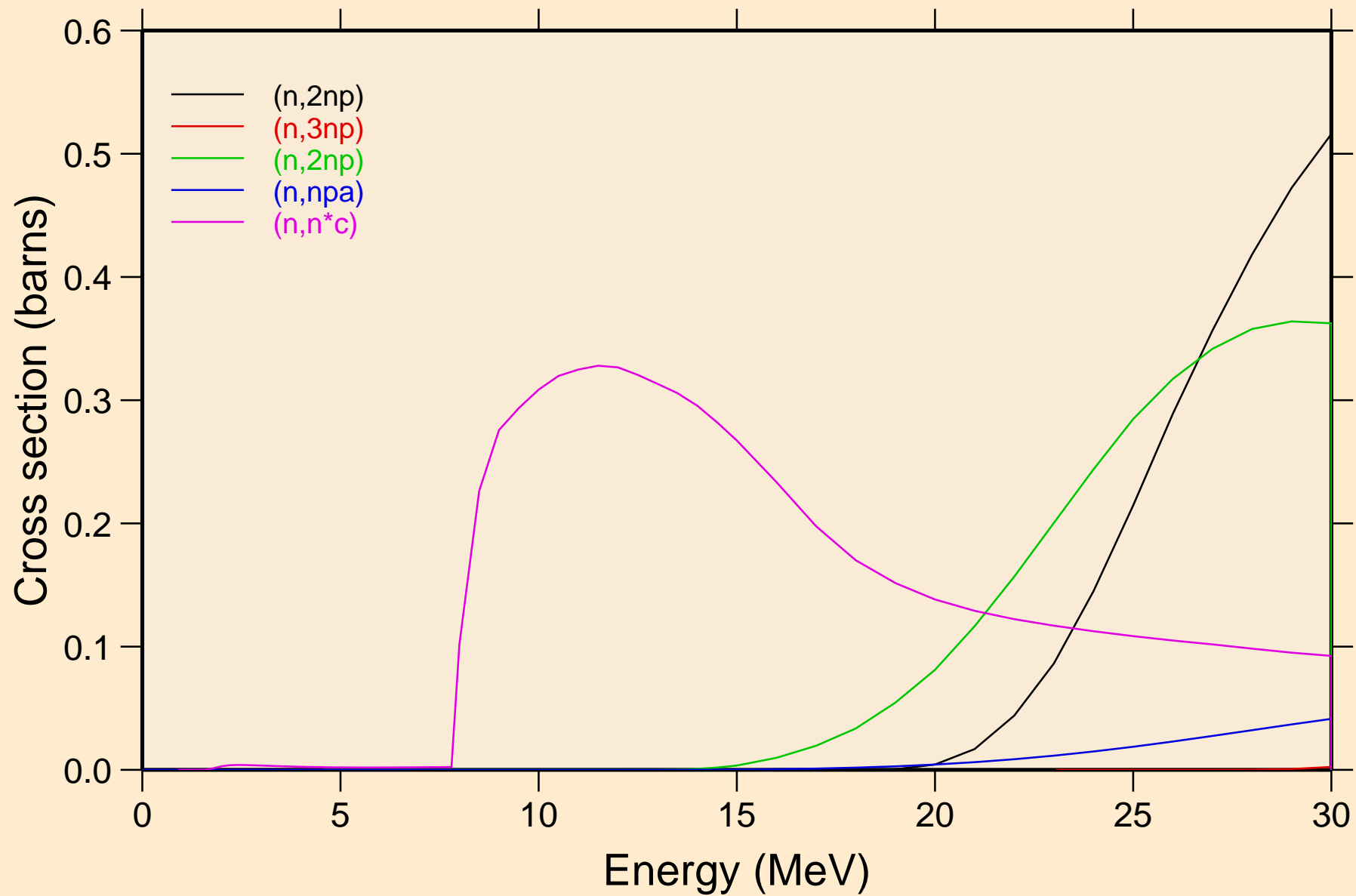
# HF160 NRG TENDL-2015, AKONING

## Threshold reactions



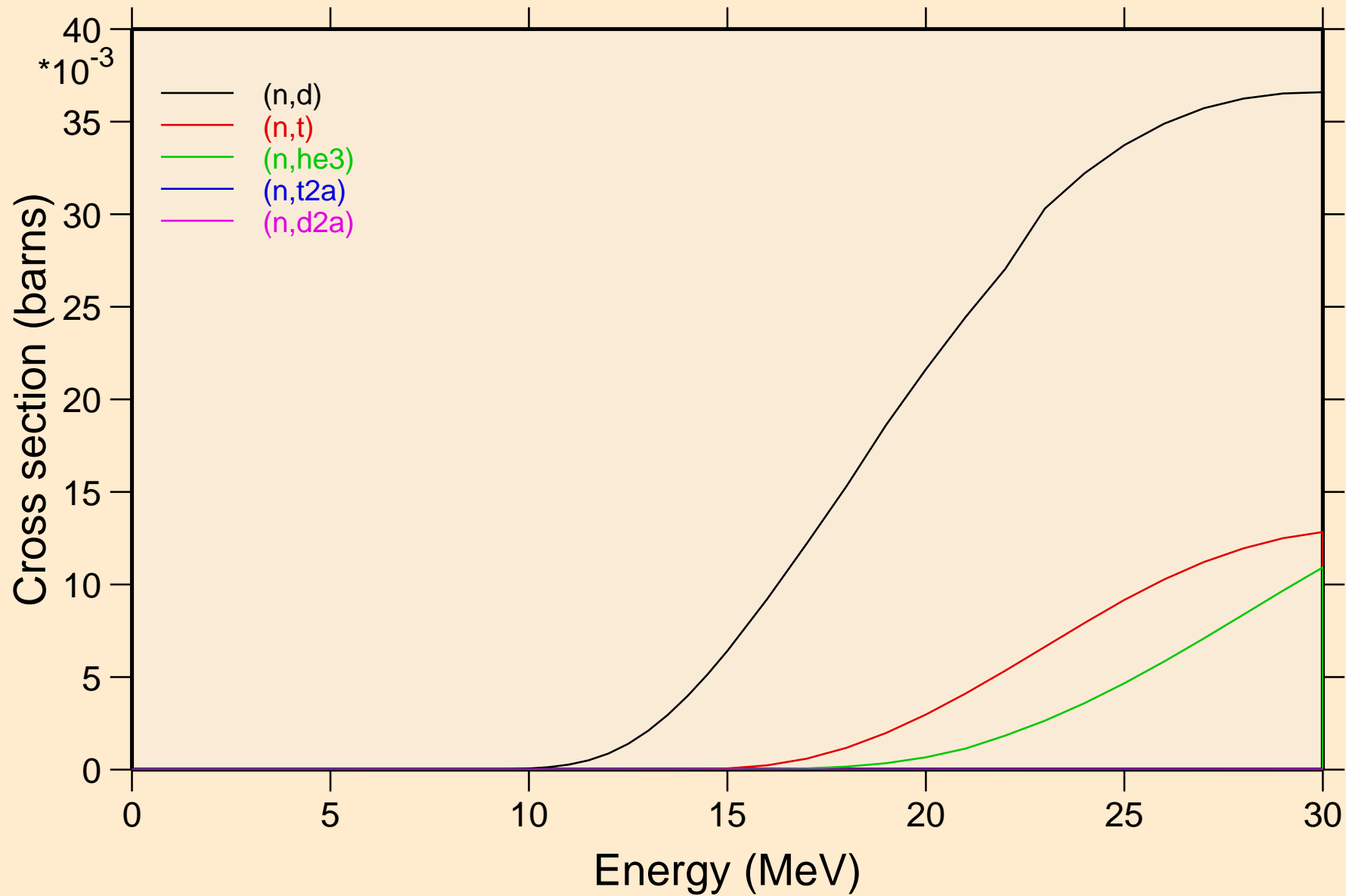
# HF160 NRG TENDL-2015, AKONING

## Threshold reactions



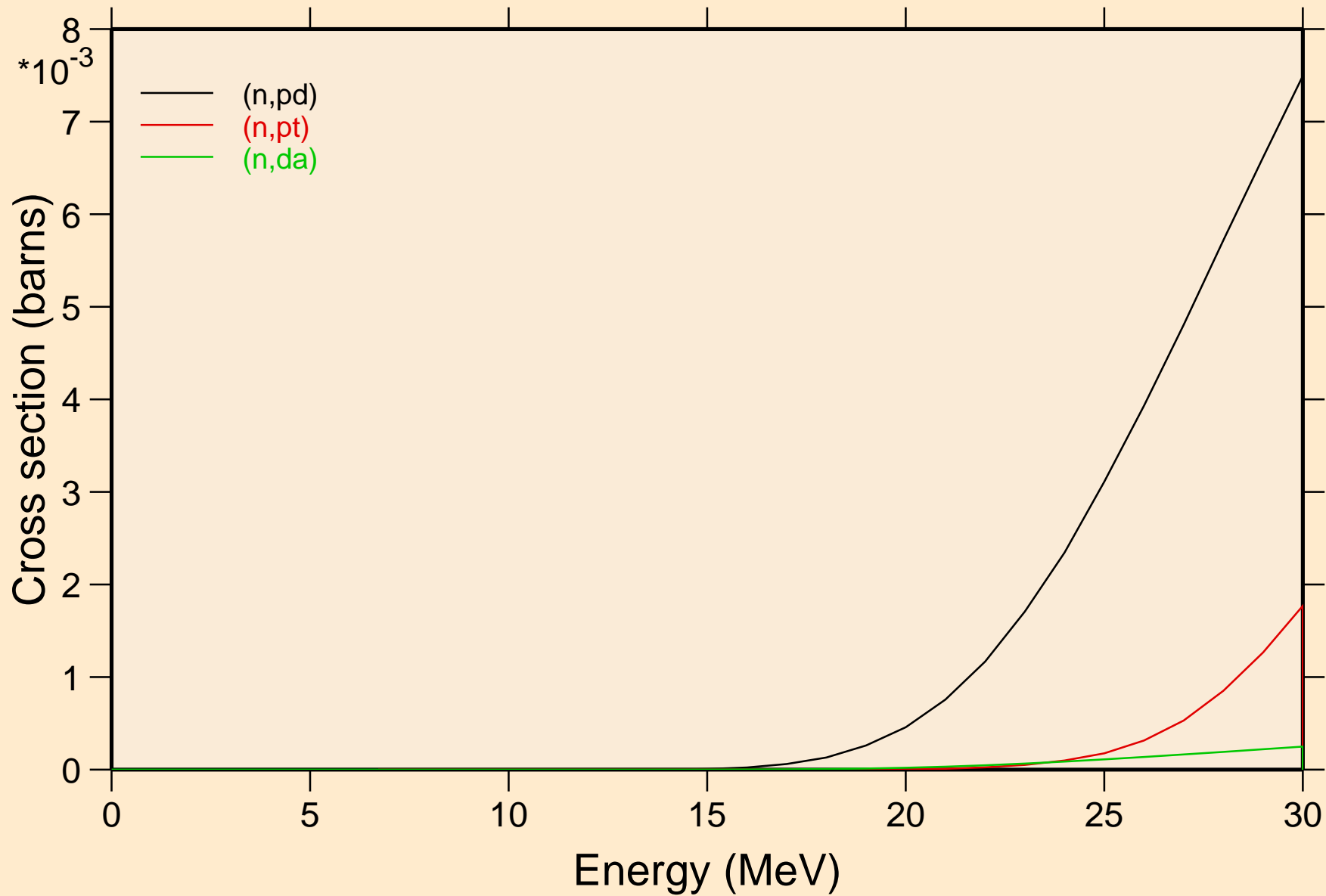
# HF160 NRG TENDL-2015, AKONING

## Threshold reactions

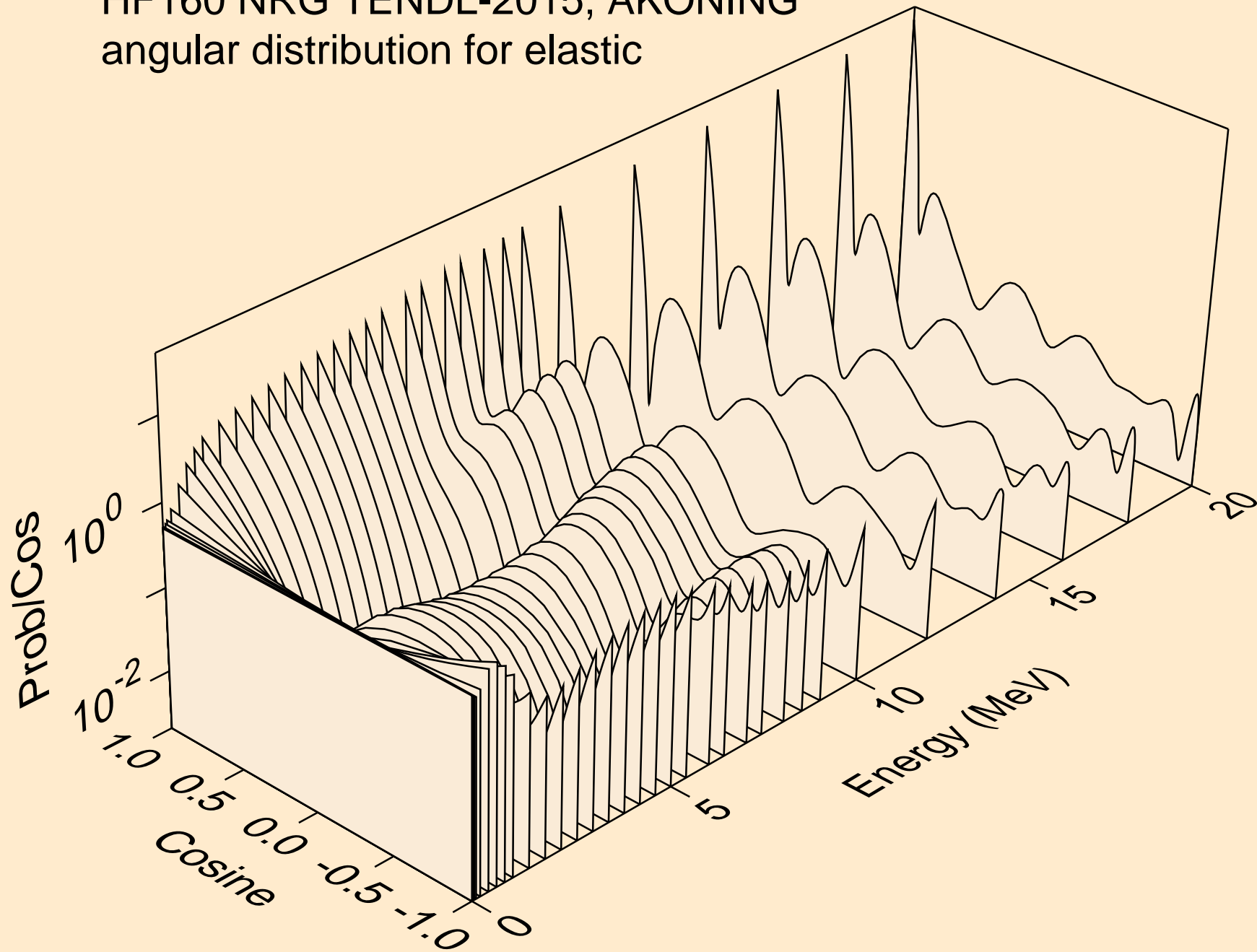


# HF160 NRG TENDL-2015, AKONING

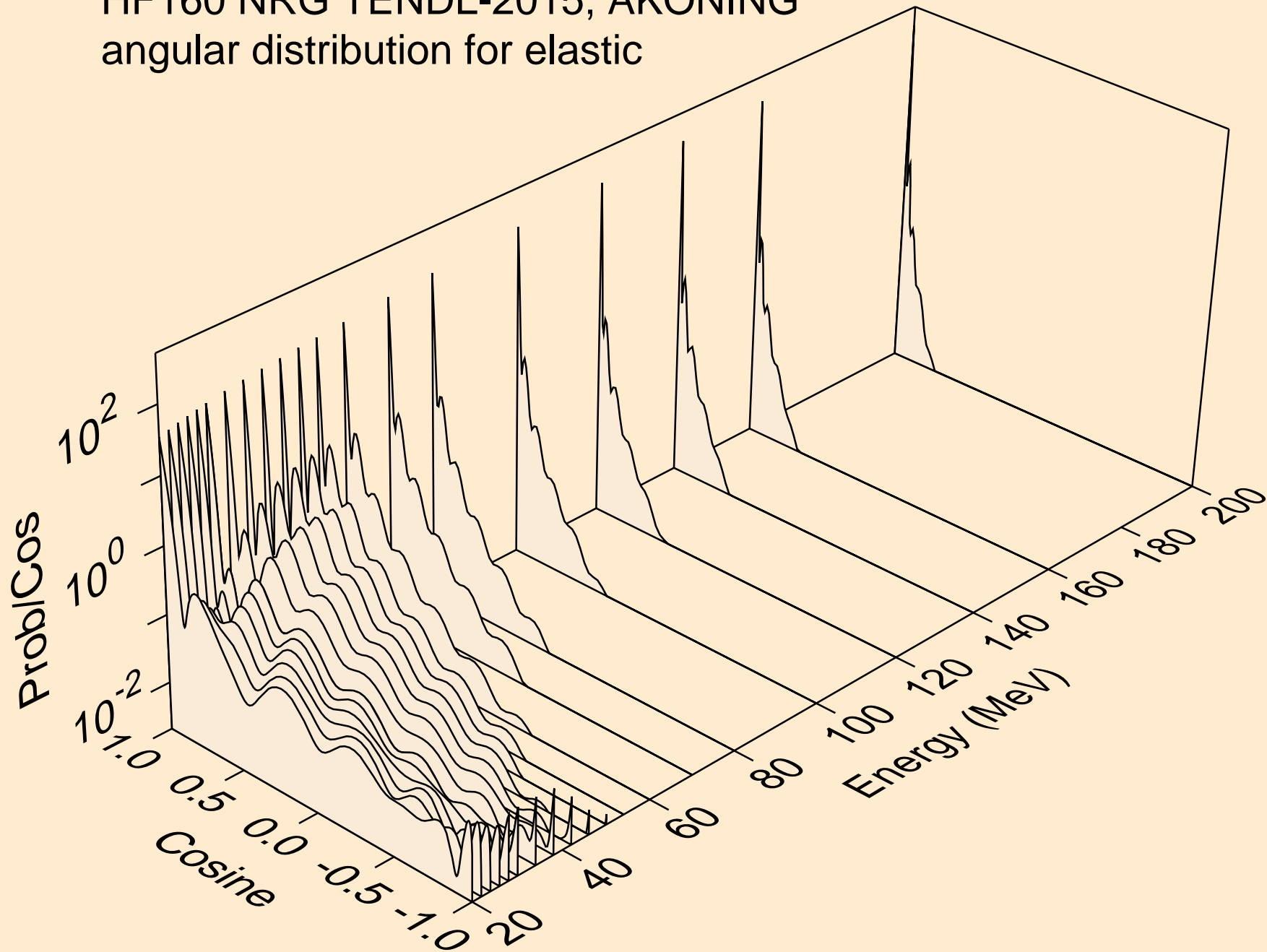
## Threshold reactions



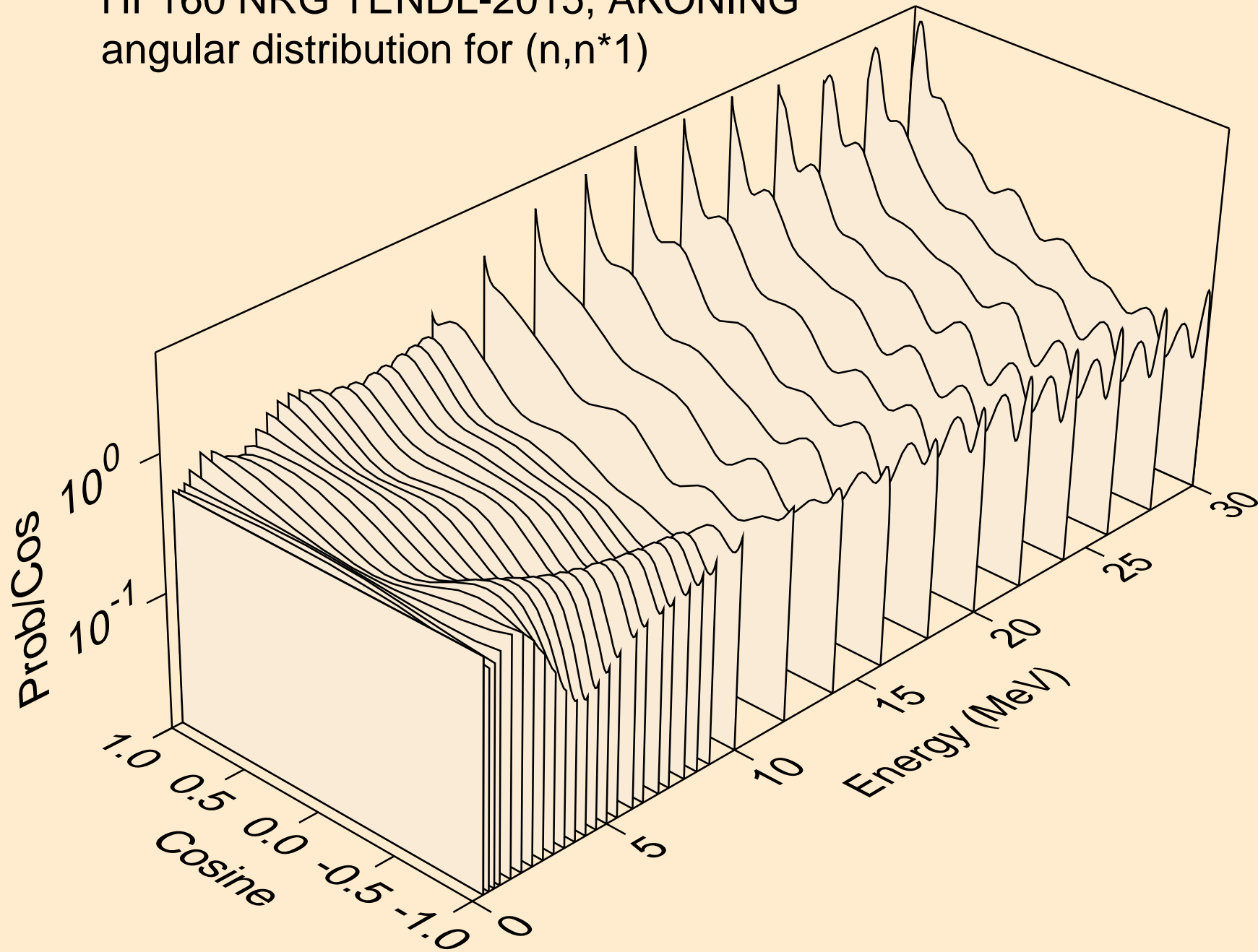
HF160 NRG TENDL-2015, AKONING  
angular distribution for elastic



HF160 NRG TENDL-2015, AKONING  
angular distribution for elastic

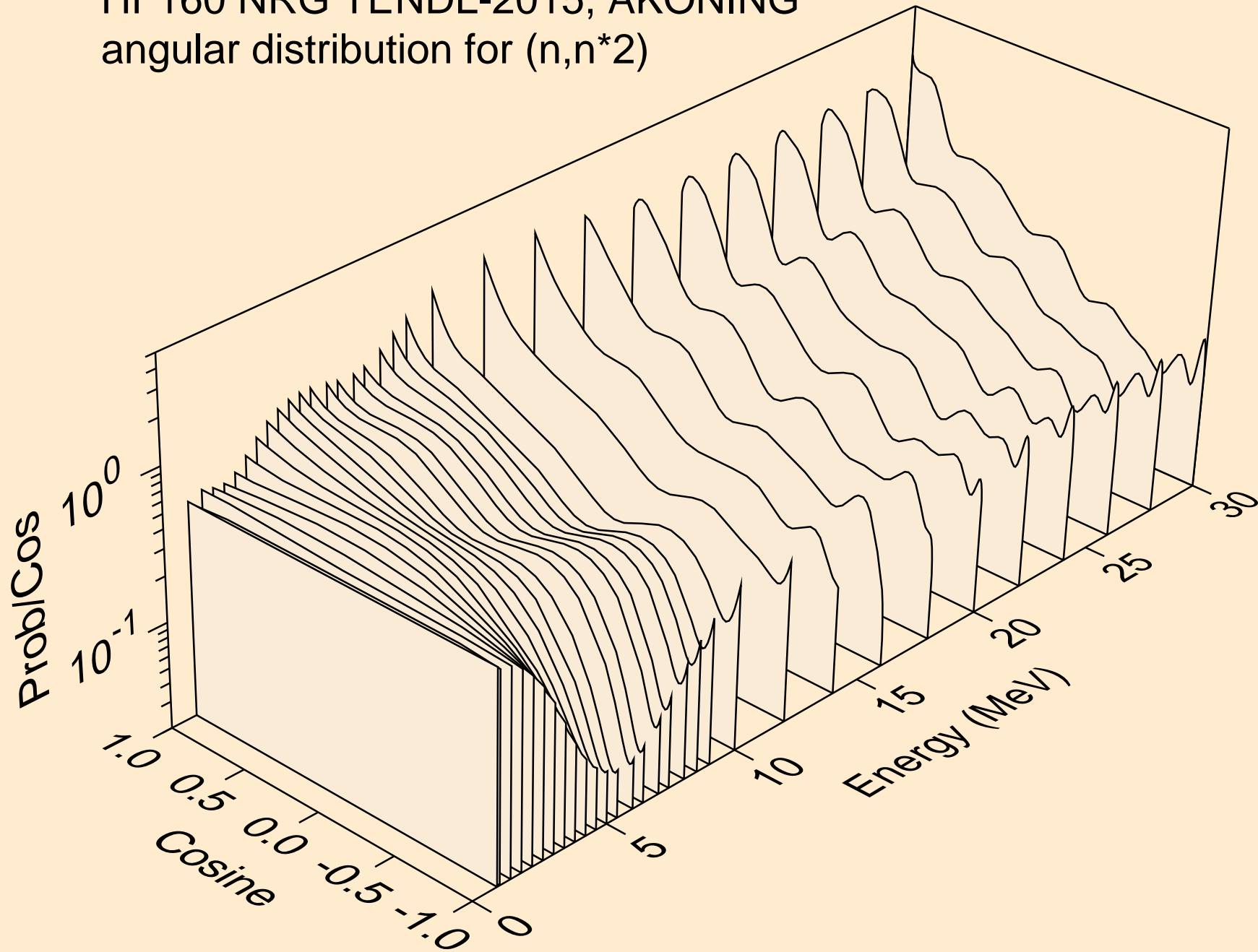


HF160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

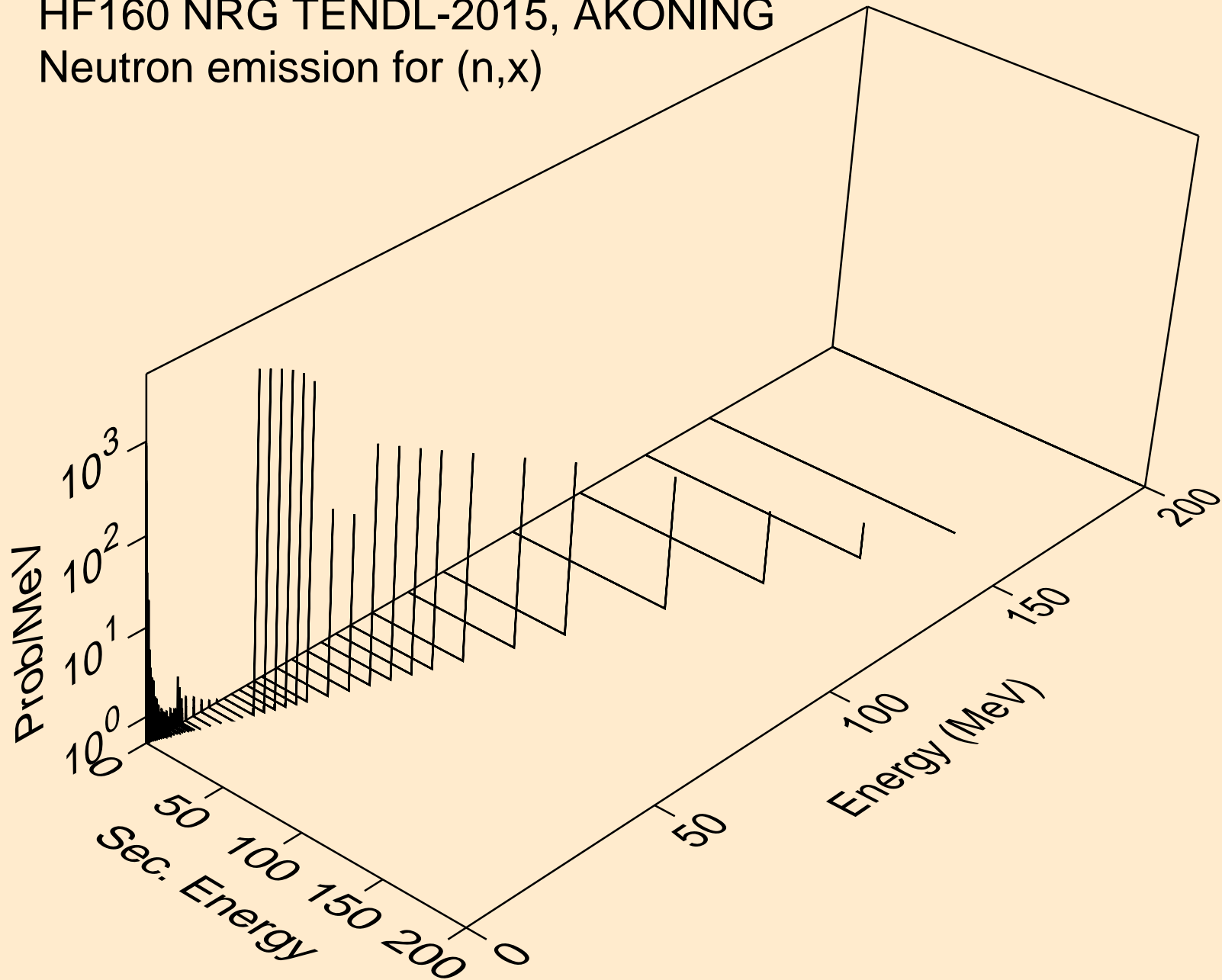




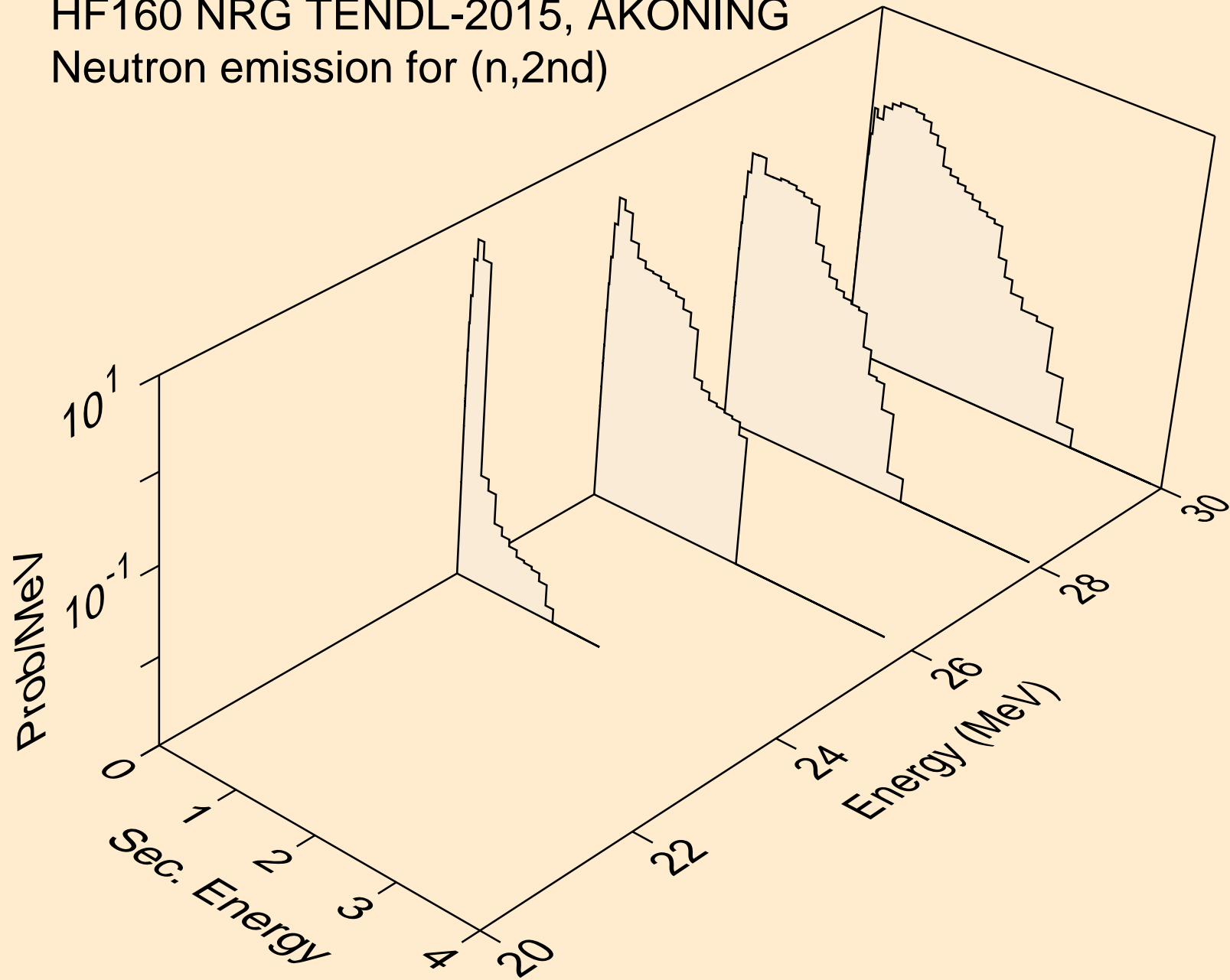
HF160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



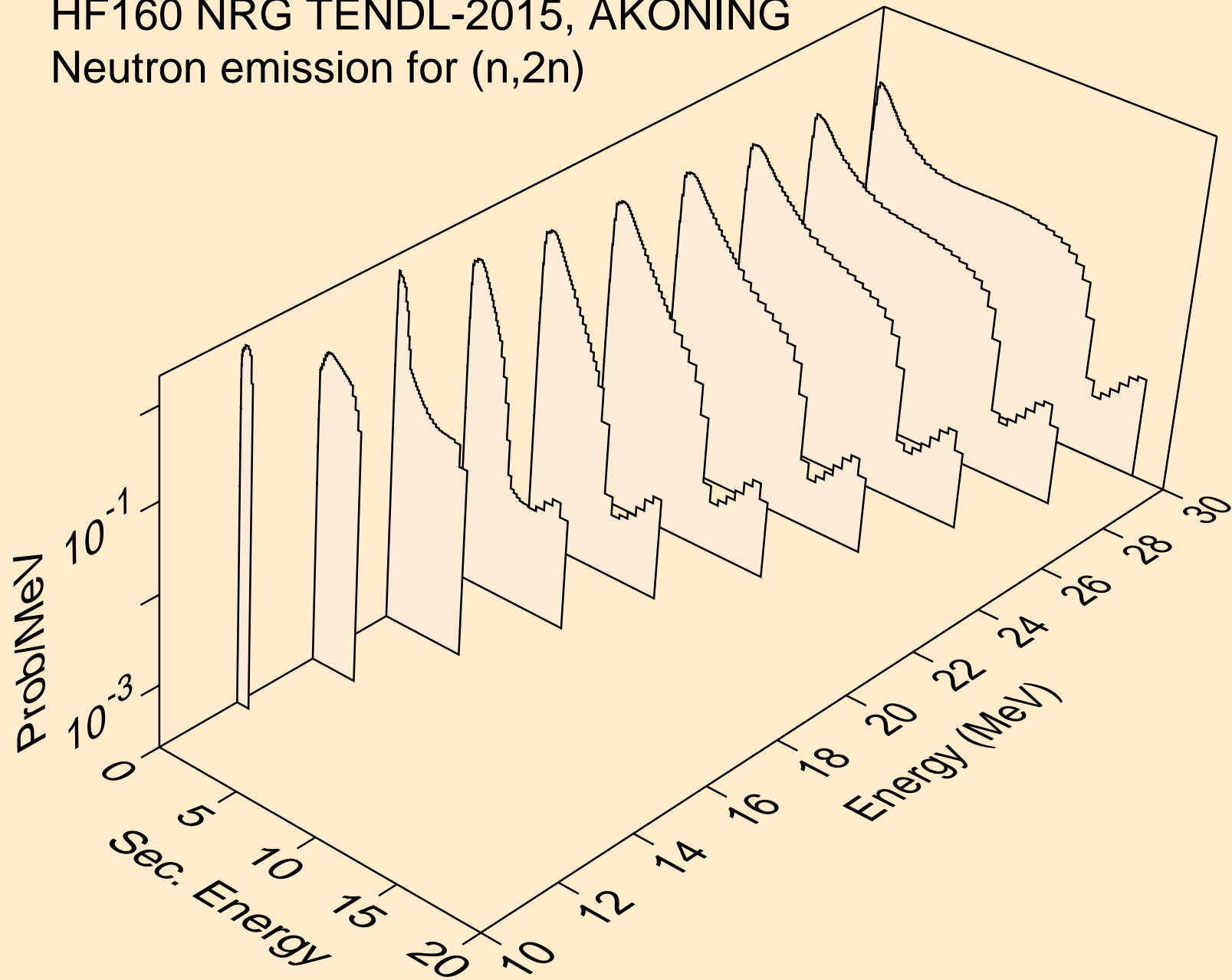
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



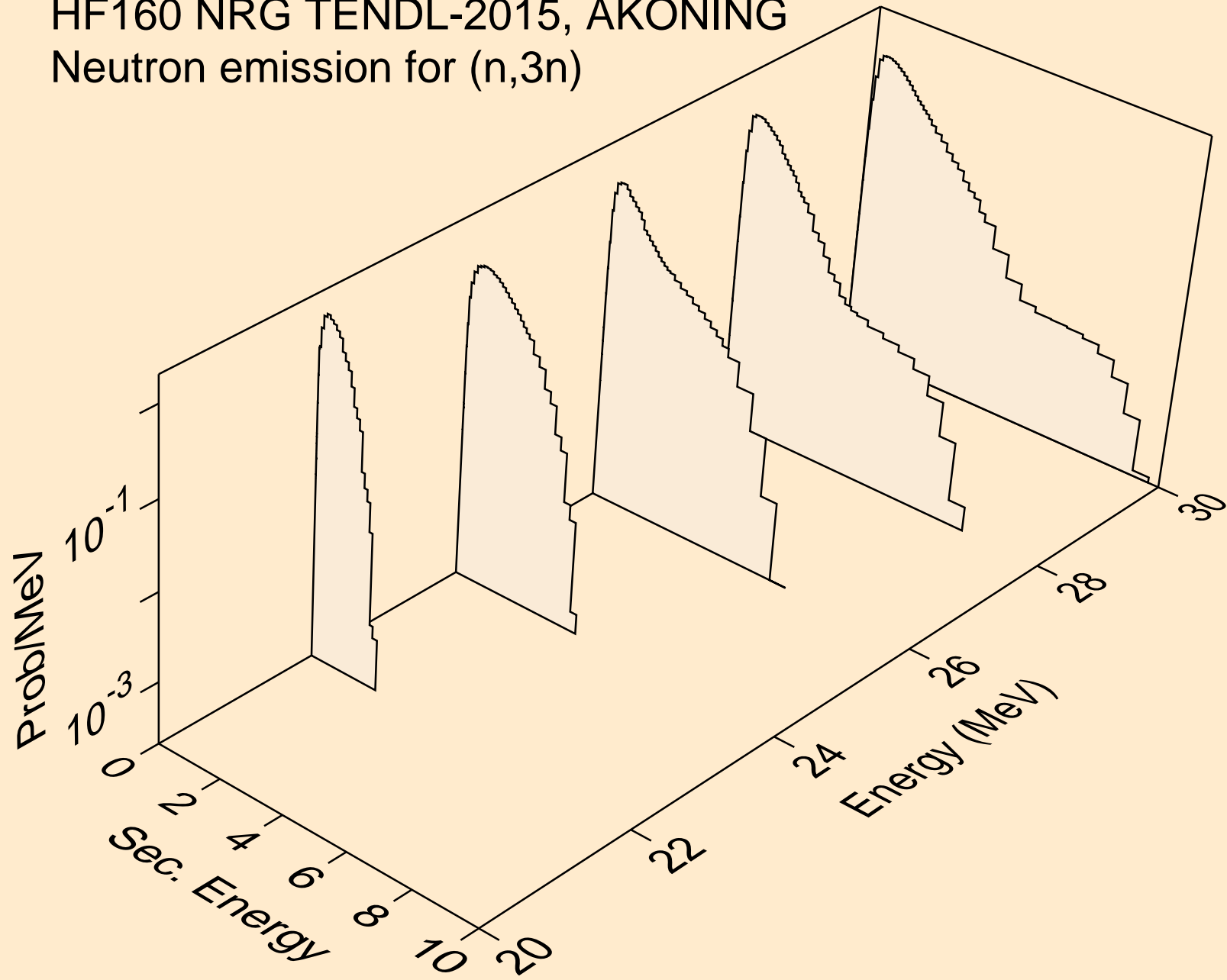
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



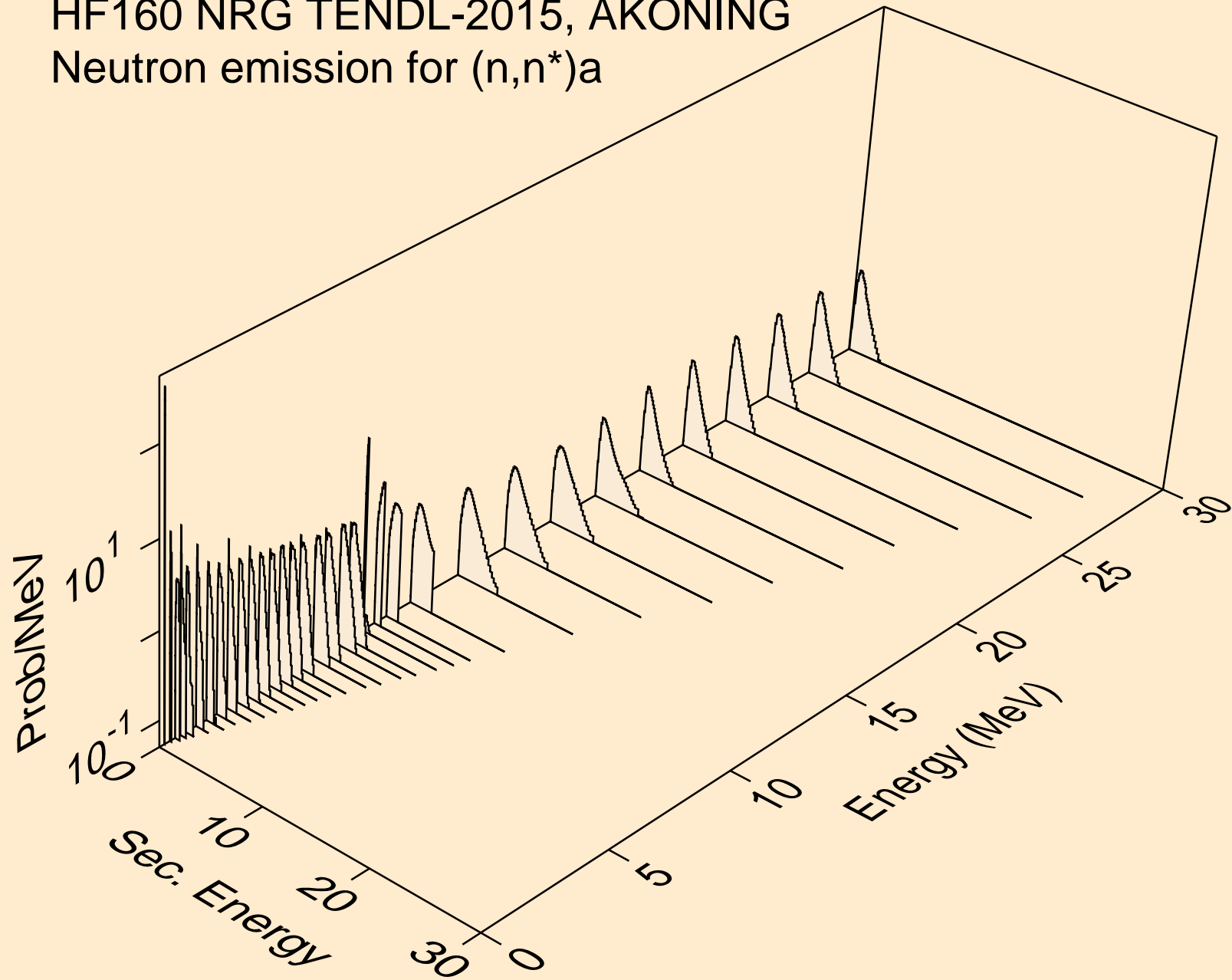
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



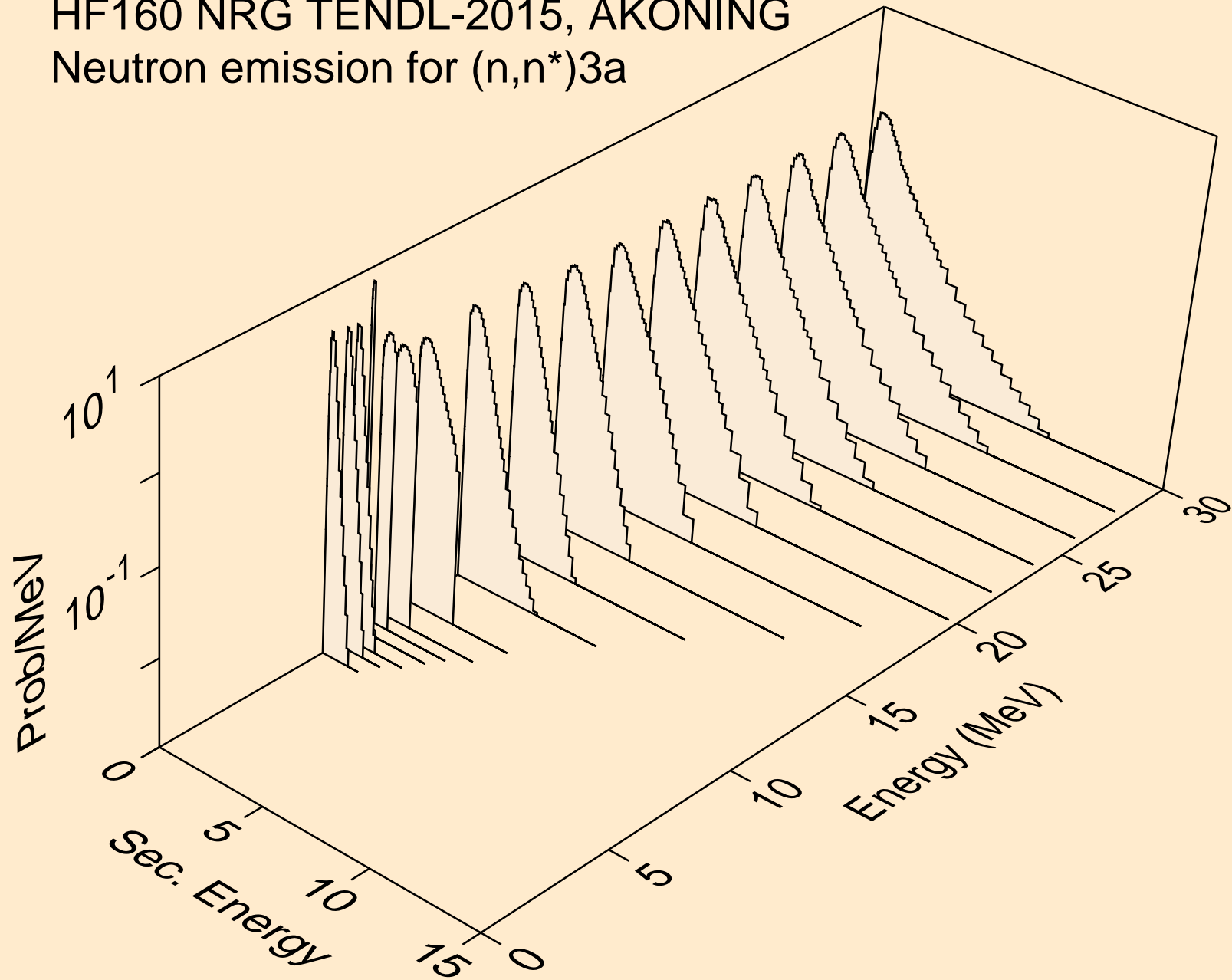
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



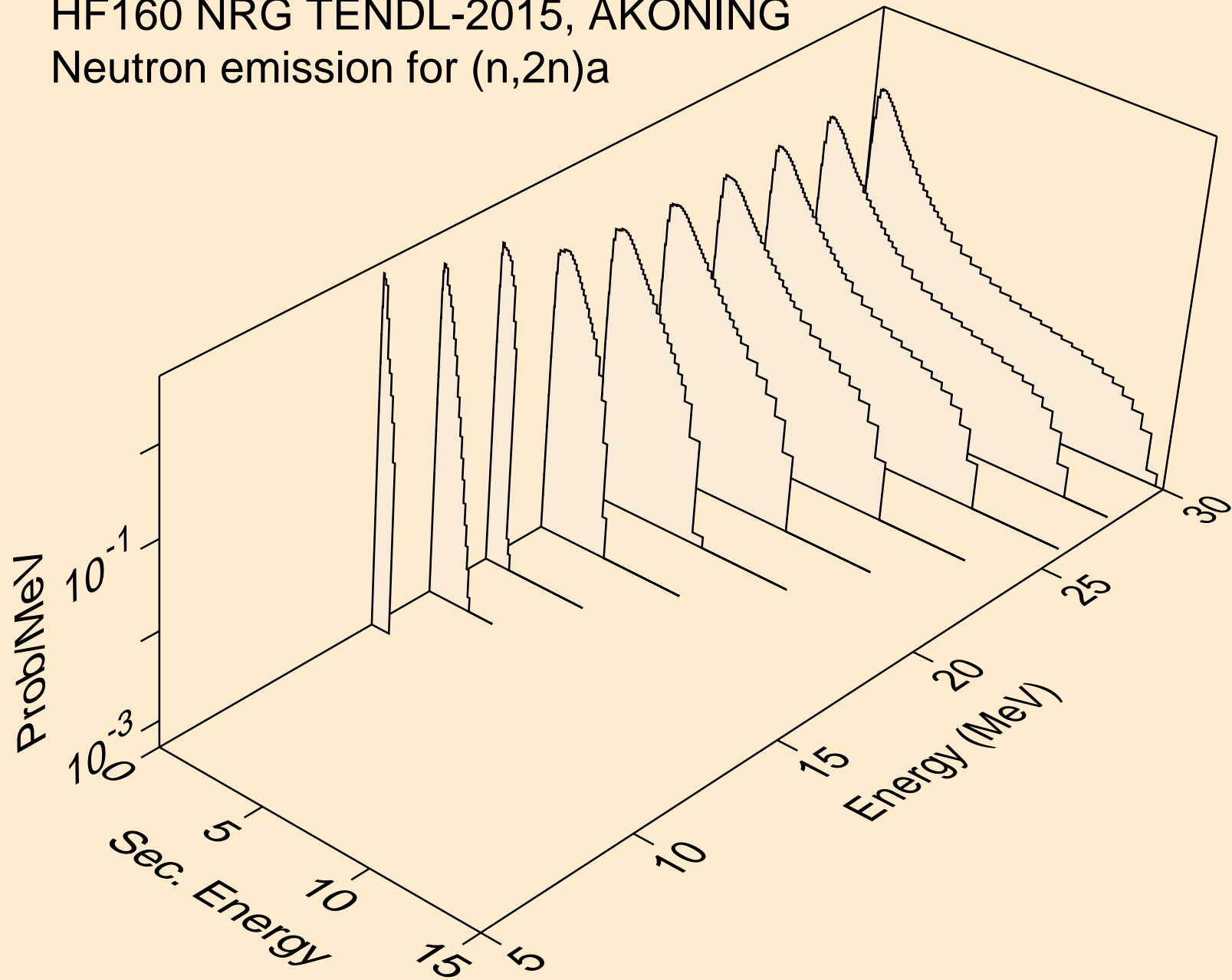
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

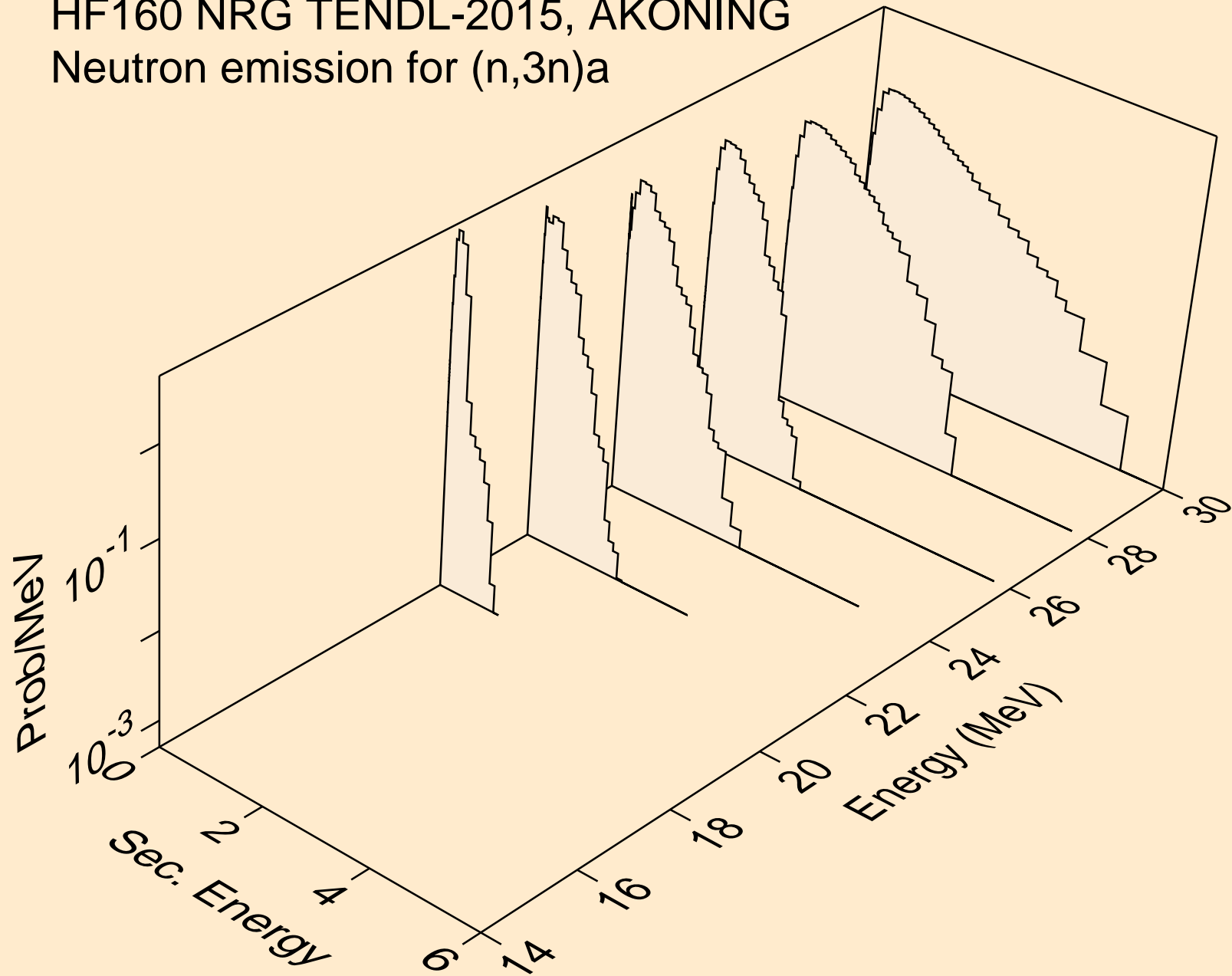


HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

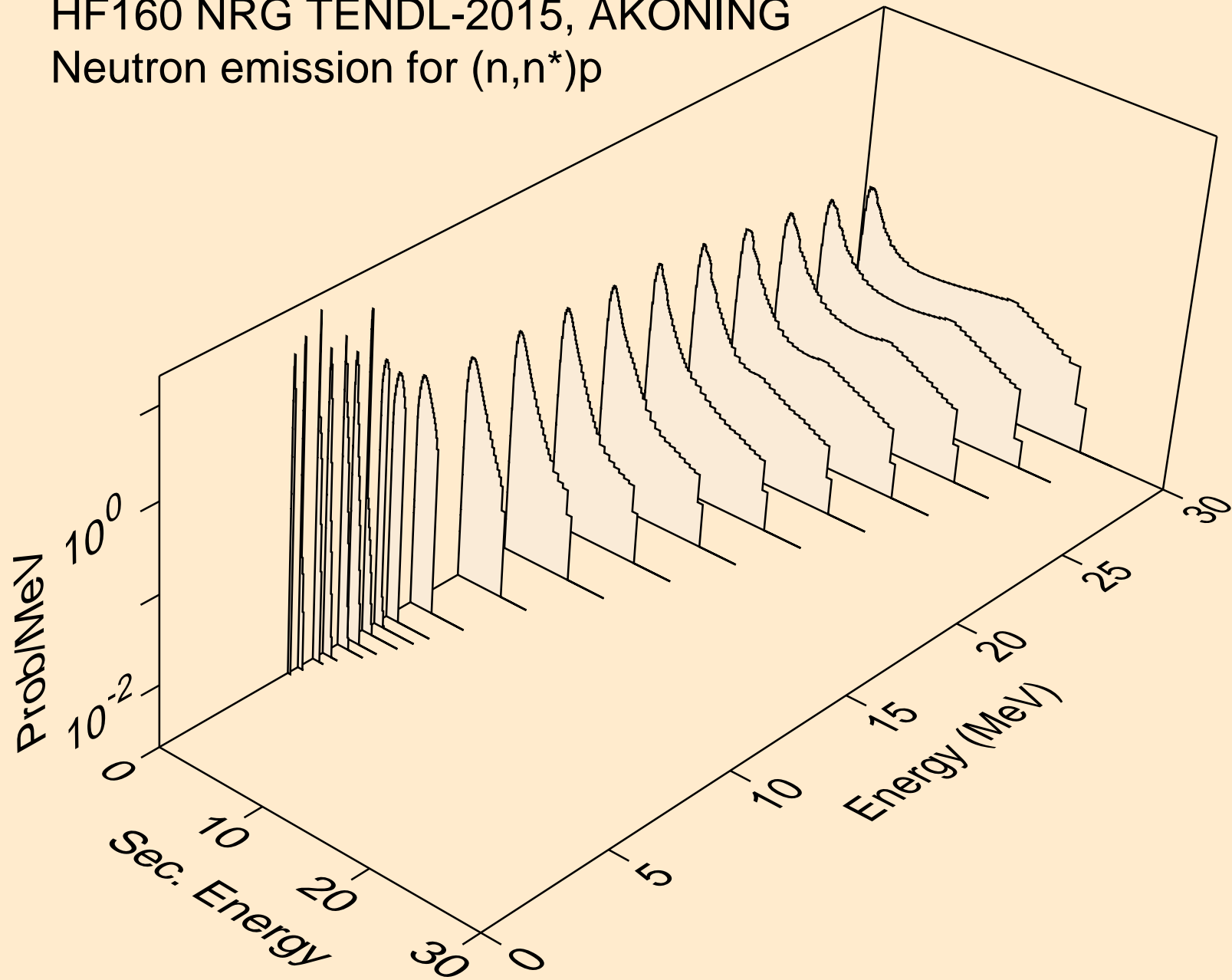




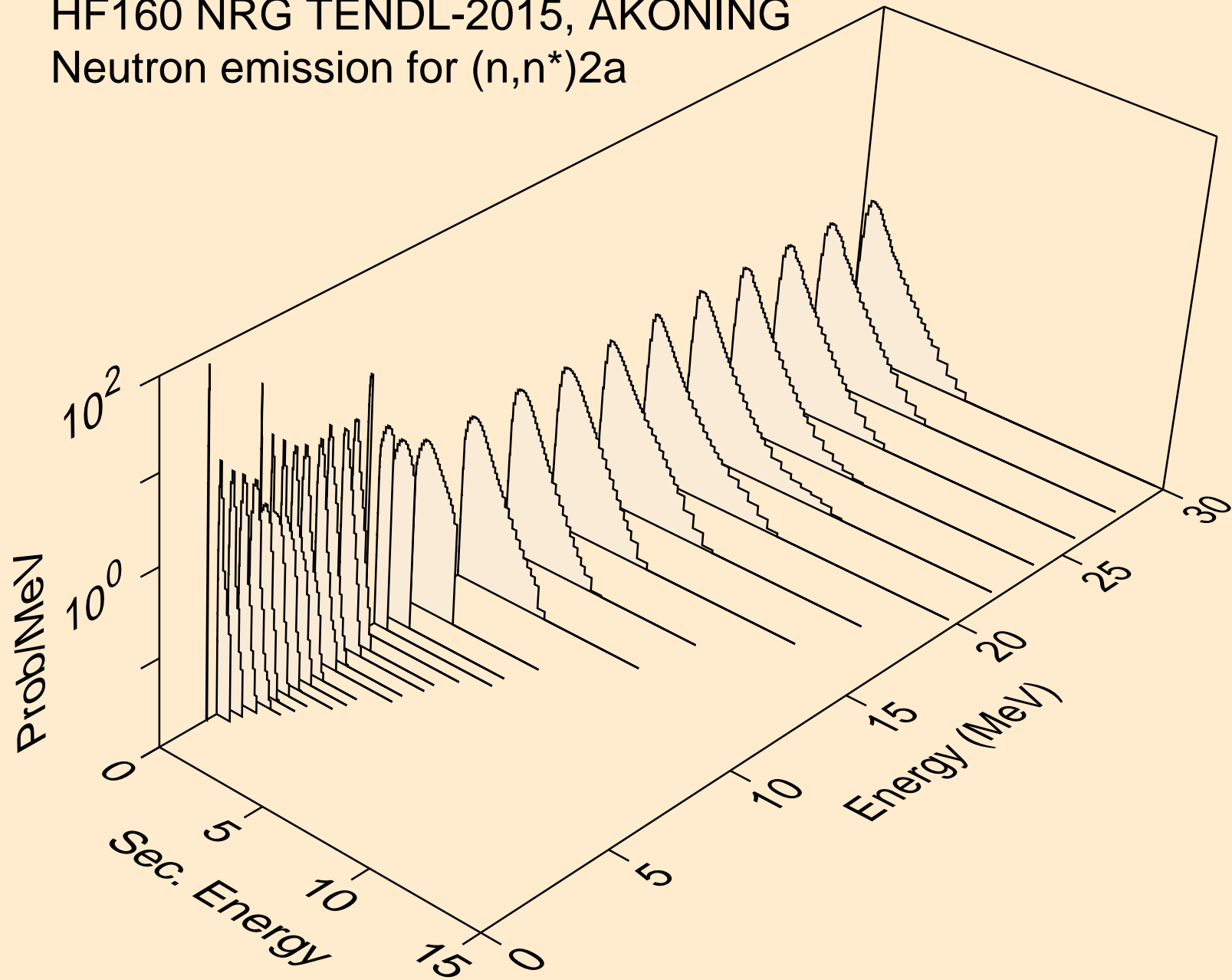
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



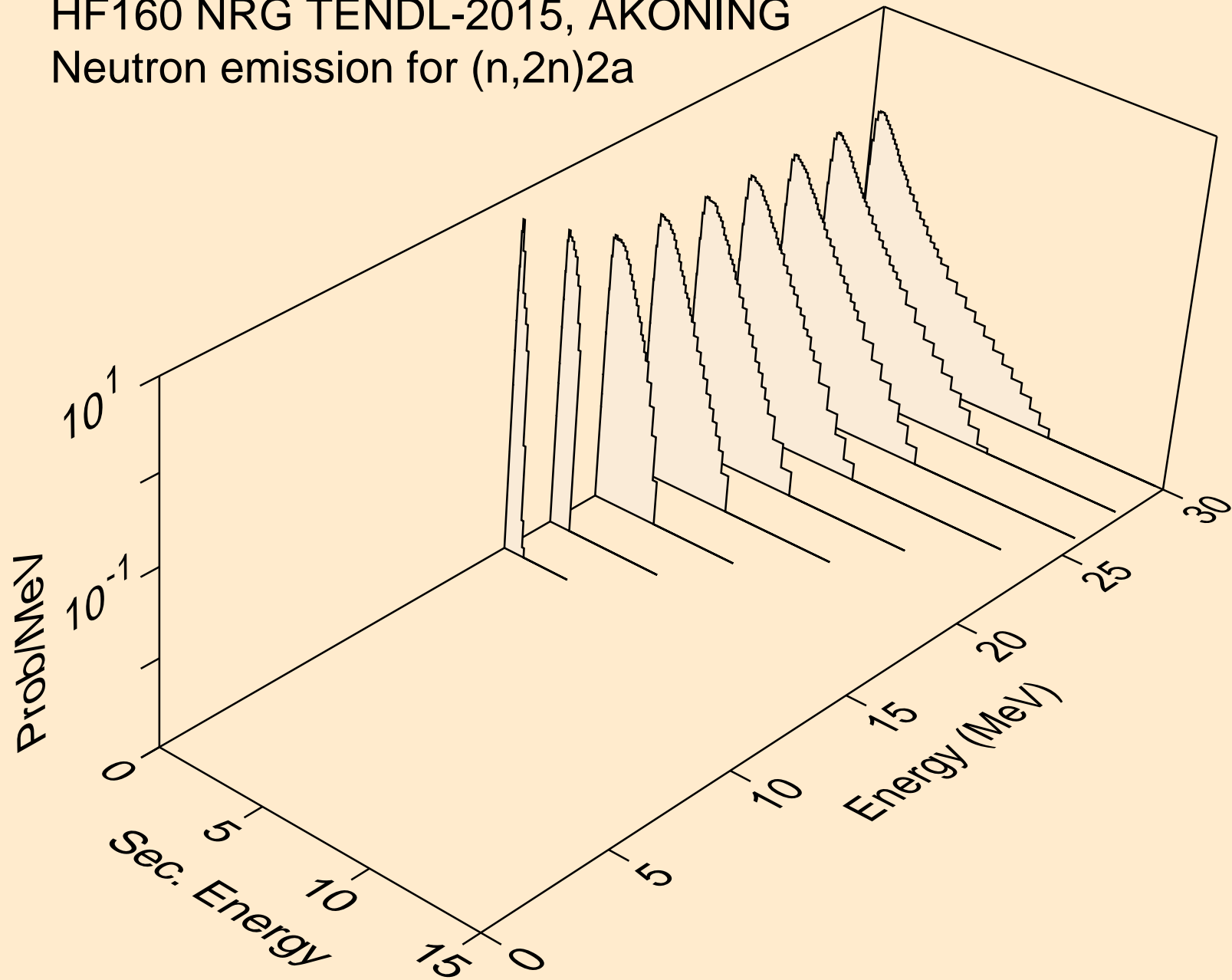
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



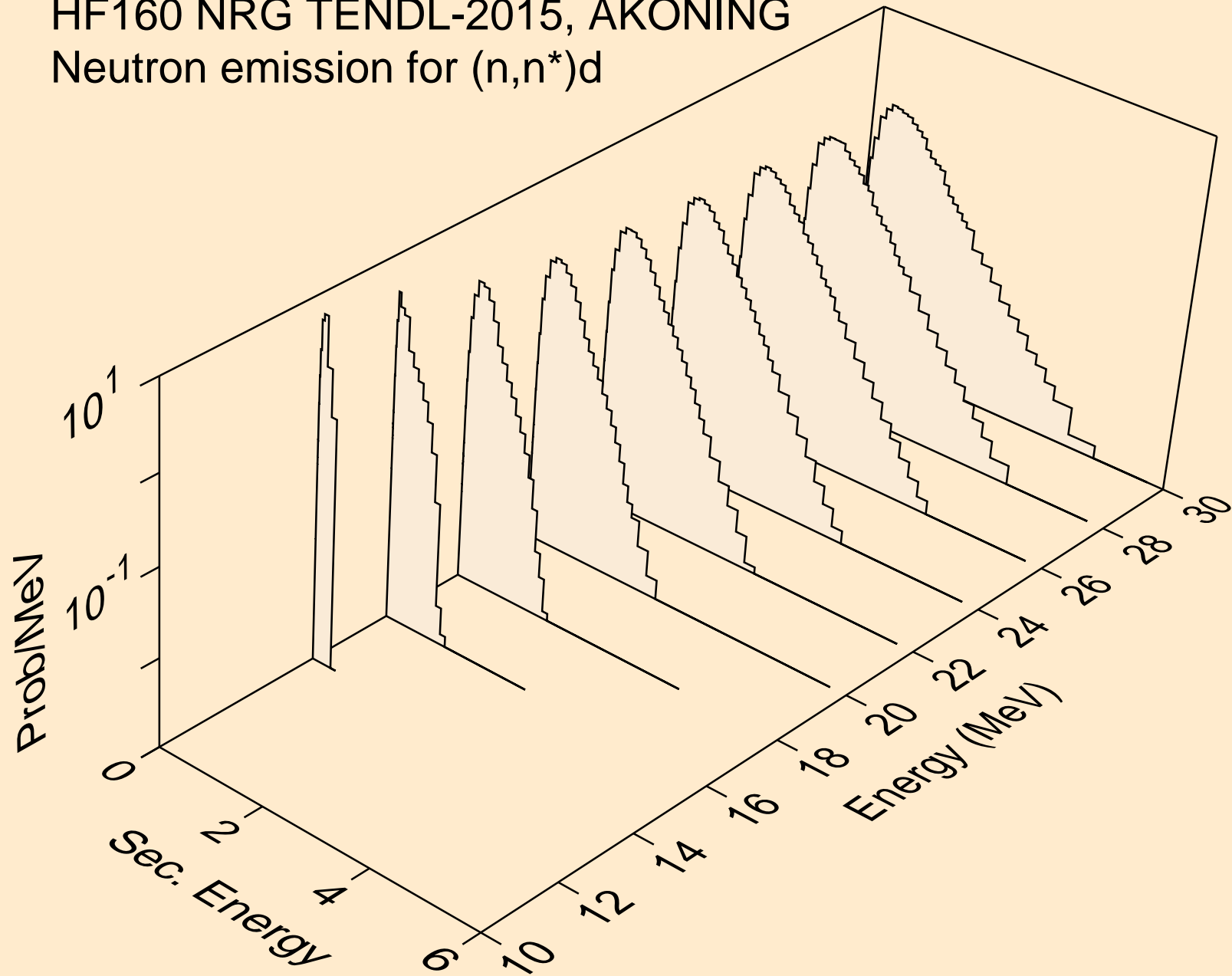
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



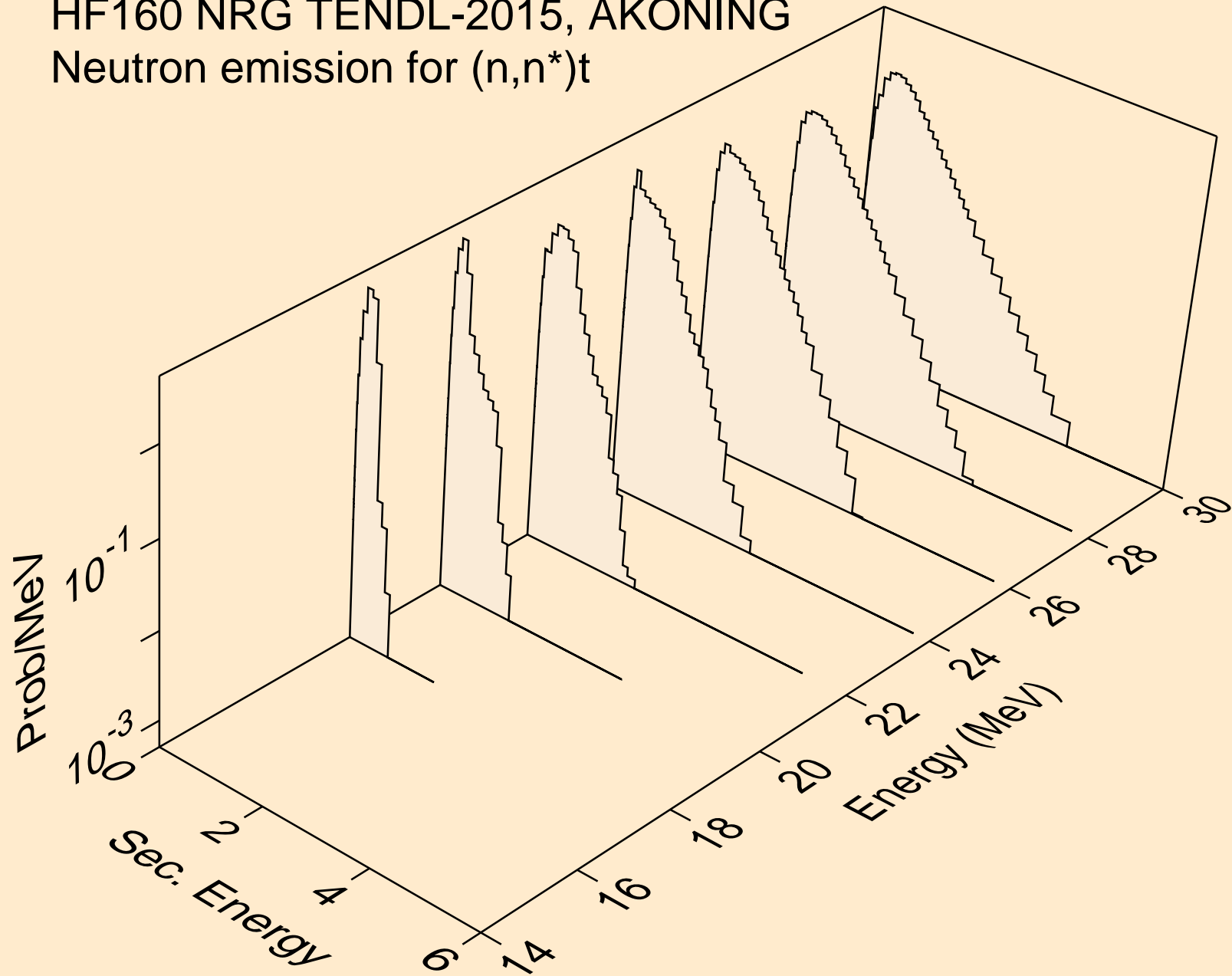
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



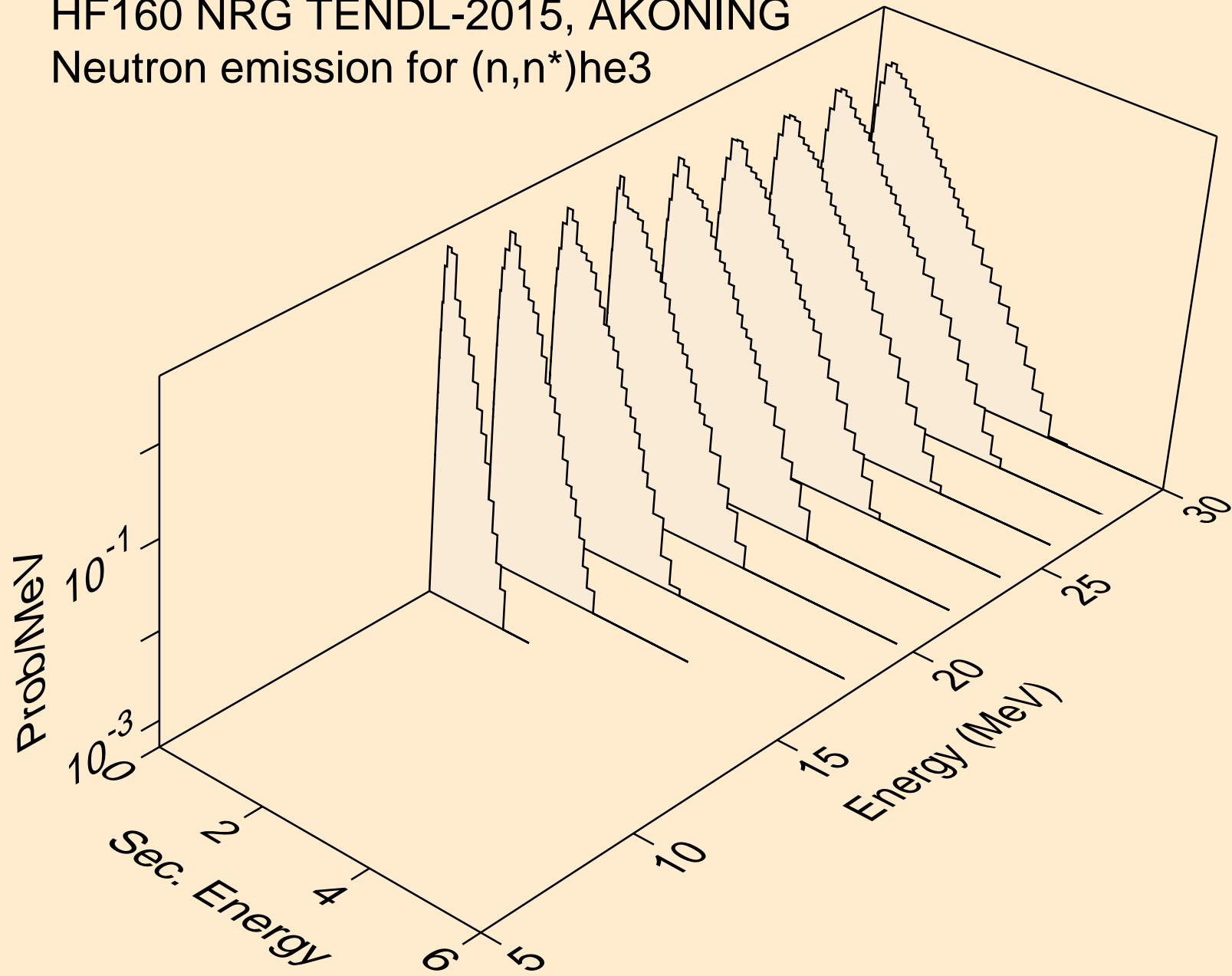
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



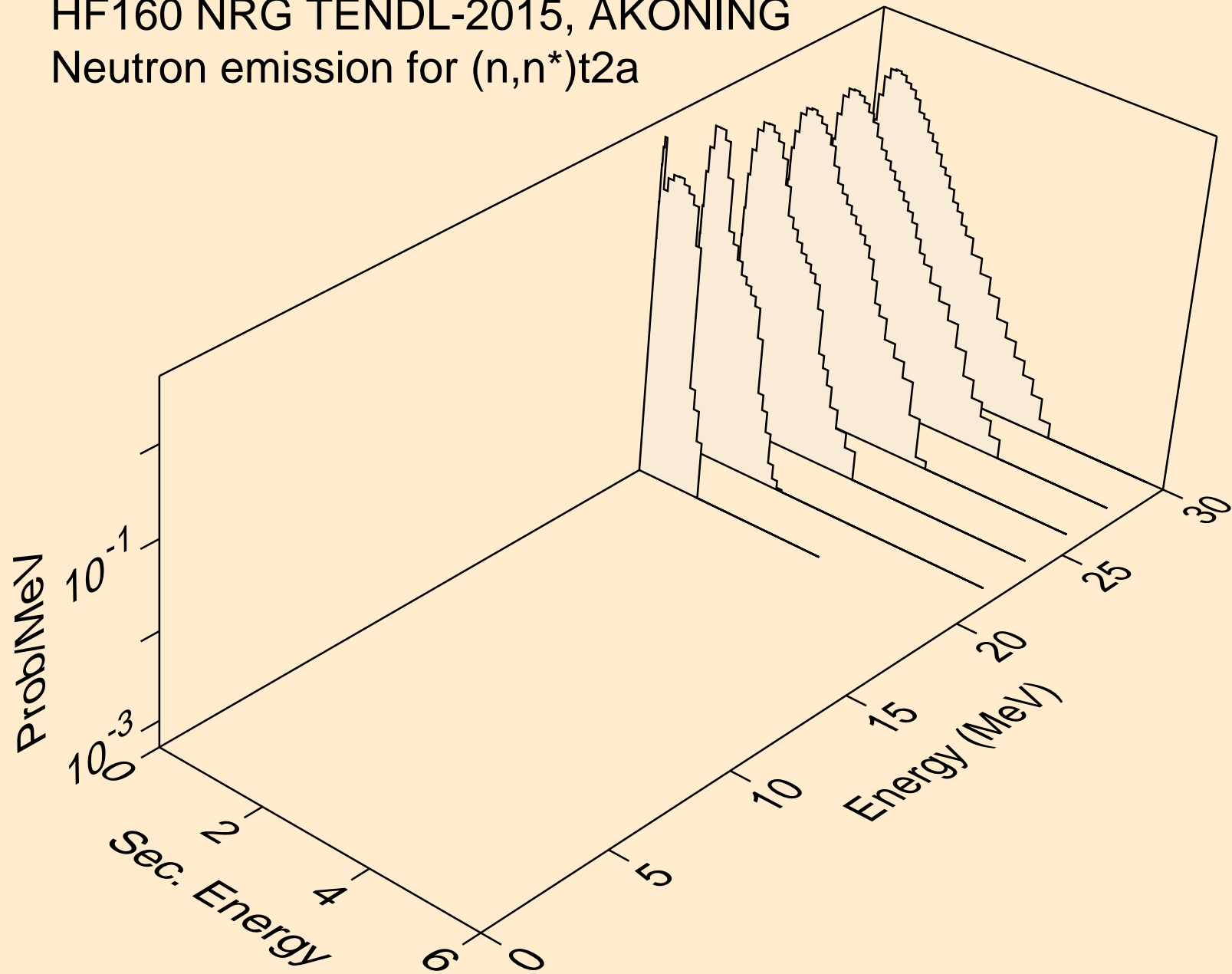
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

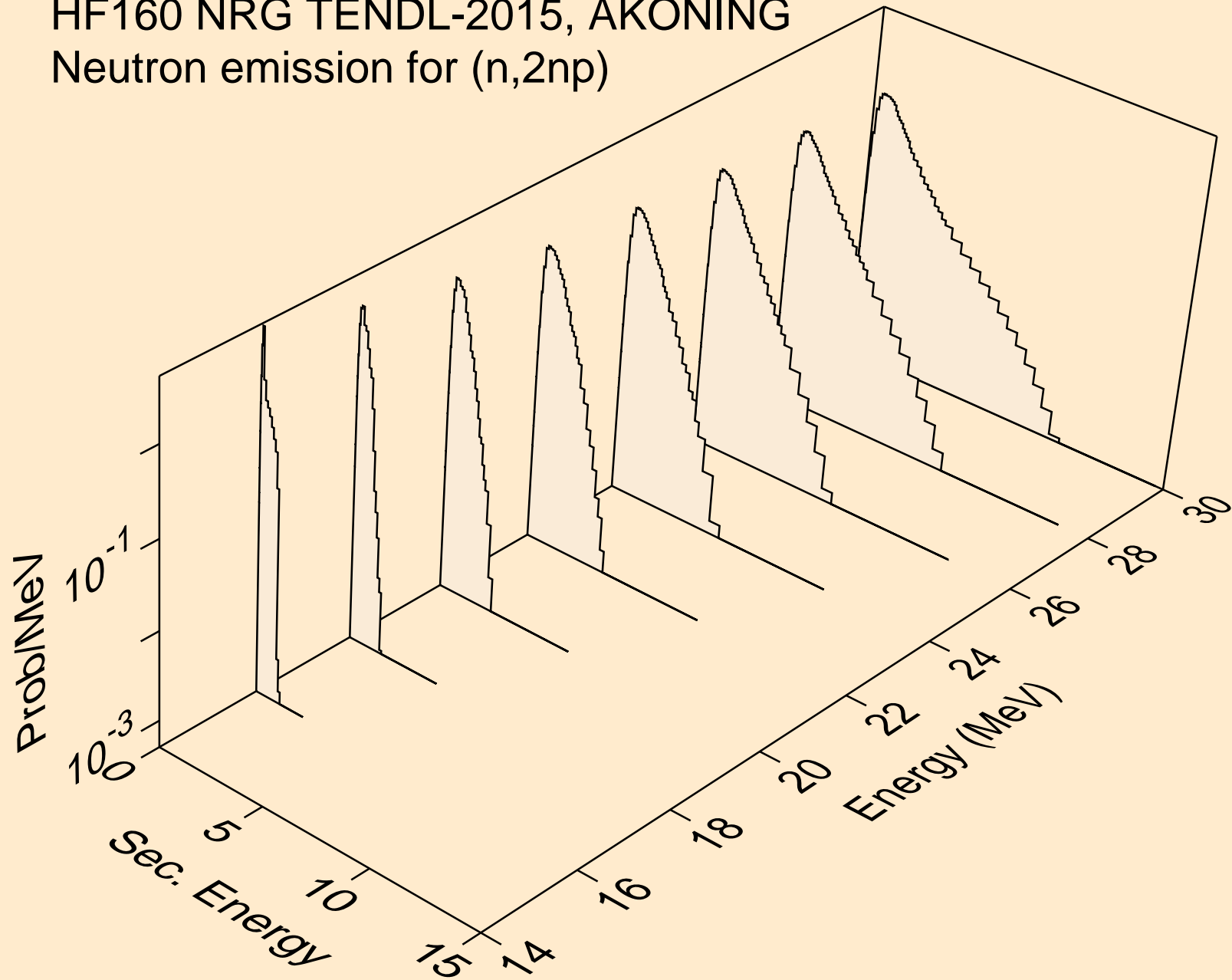


HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a

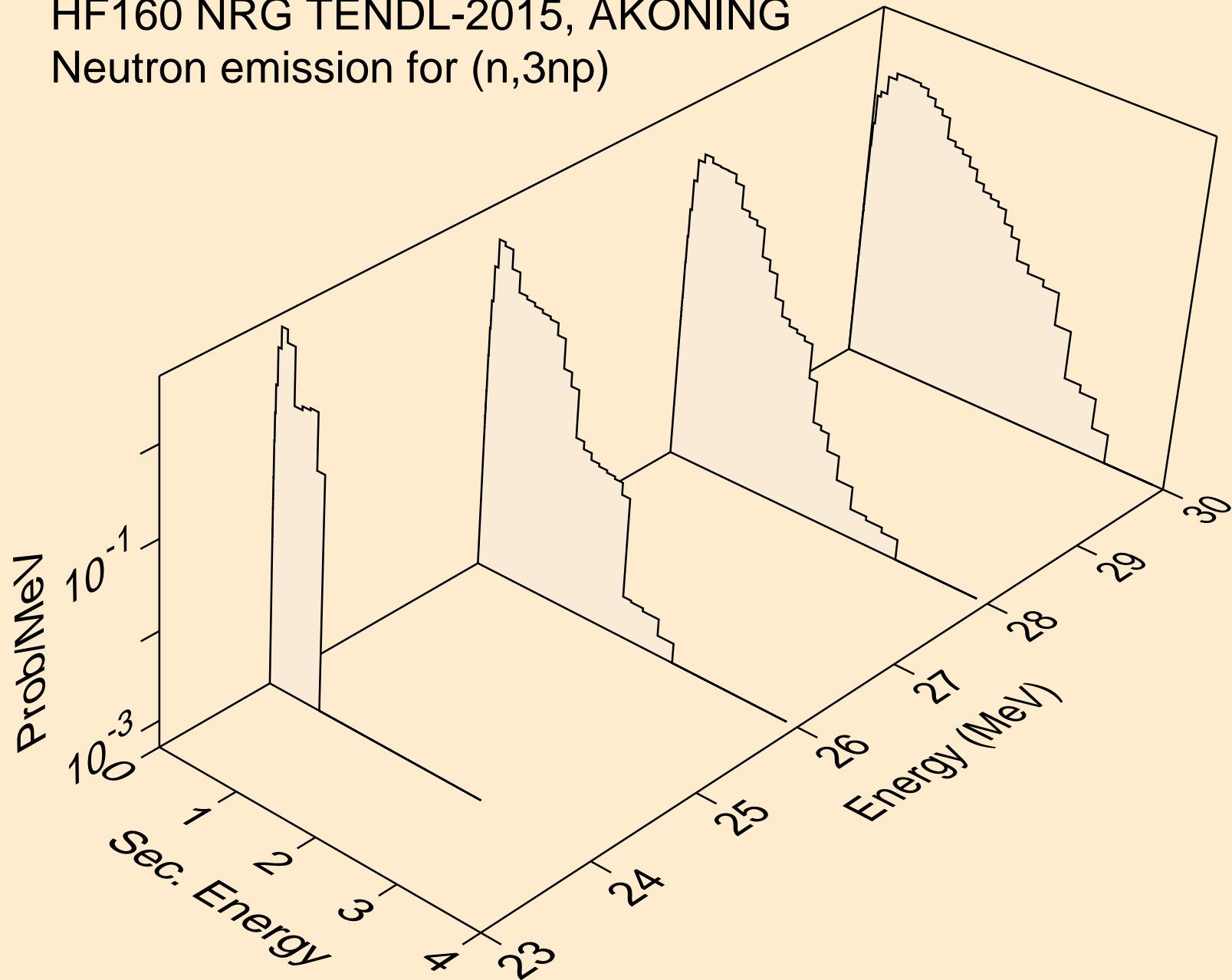




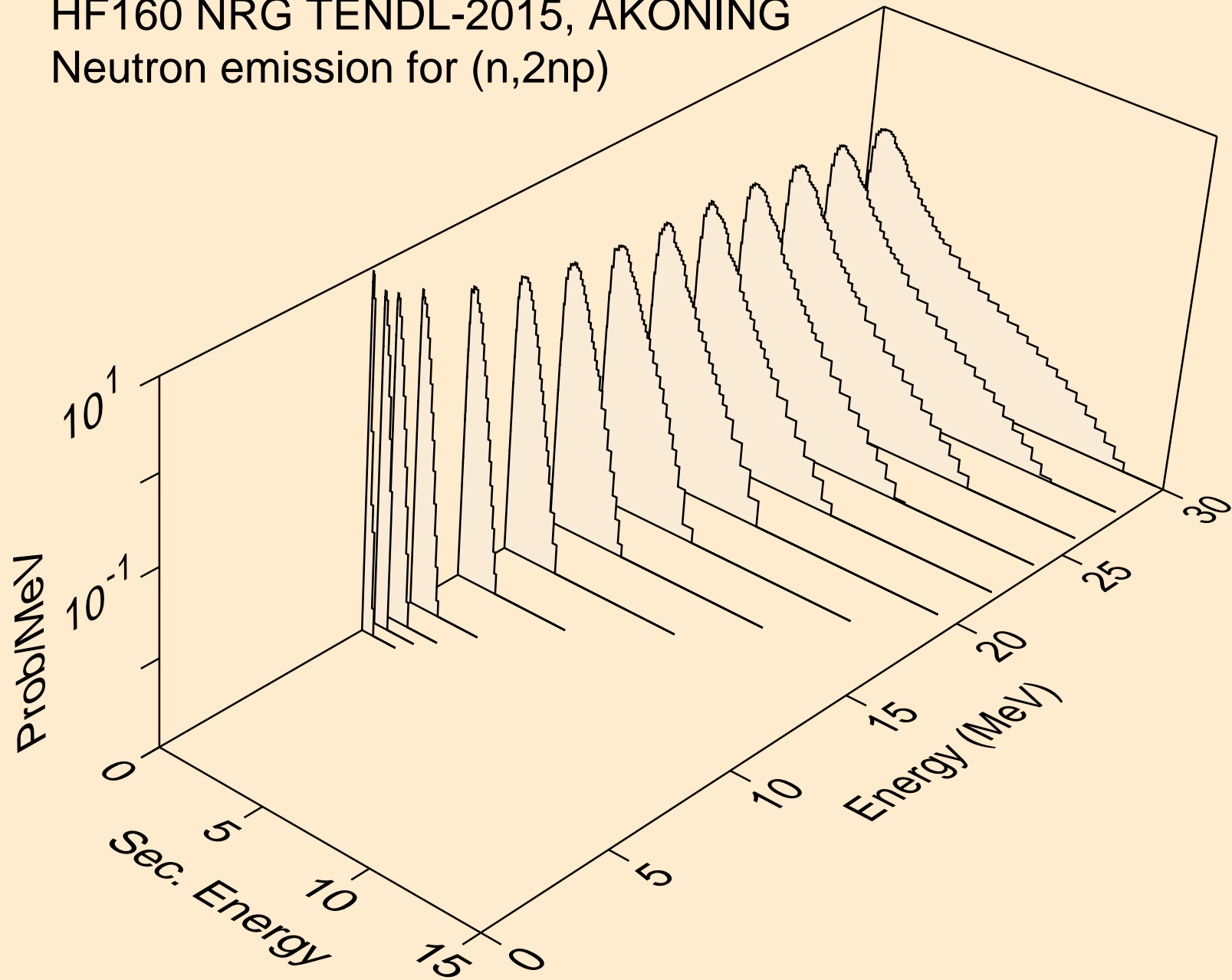
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



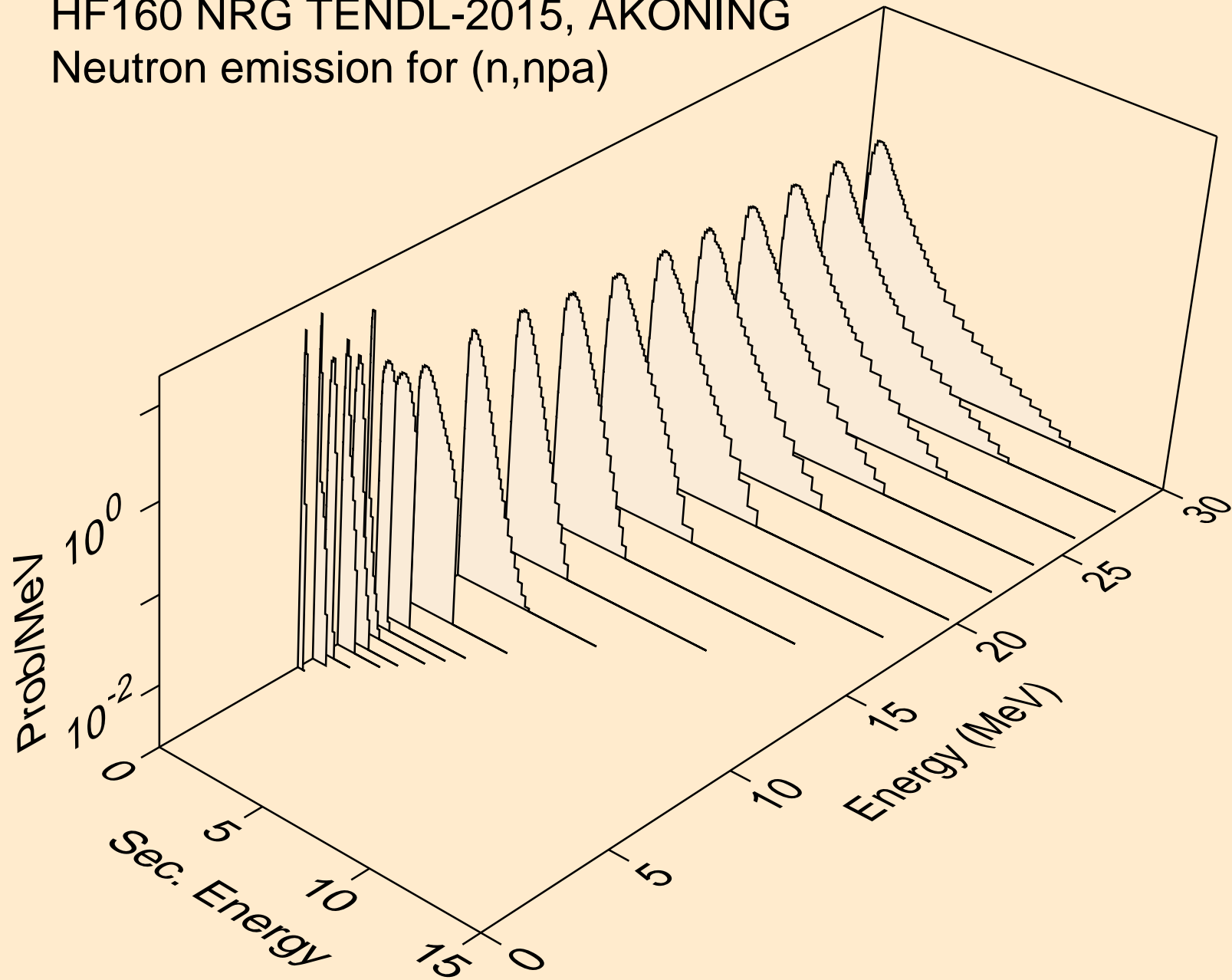
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



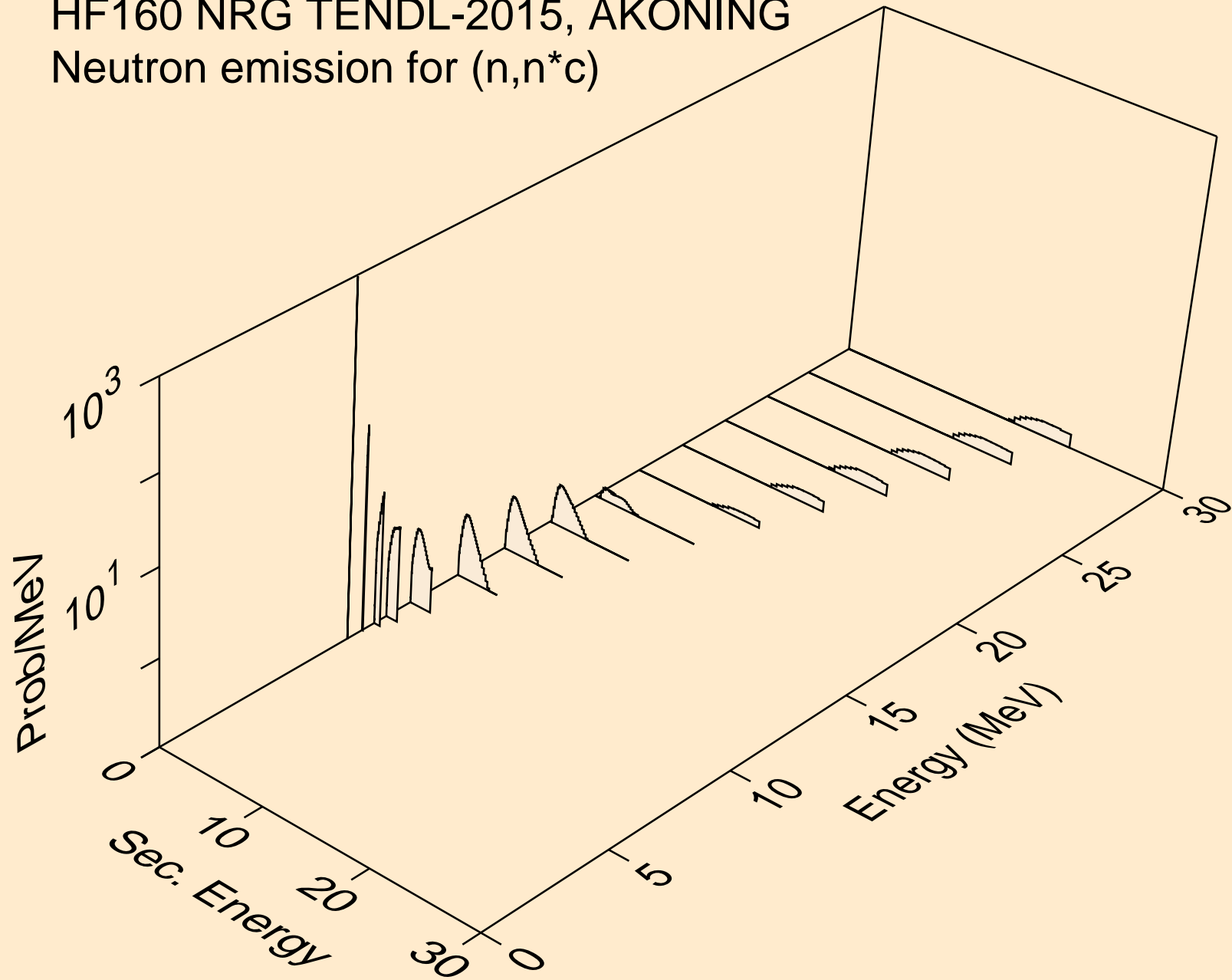
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



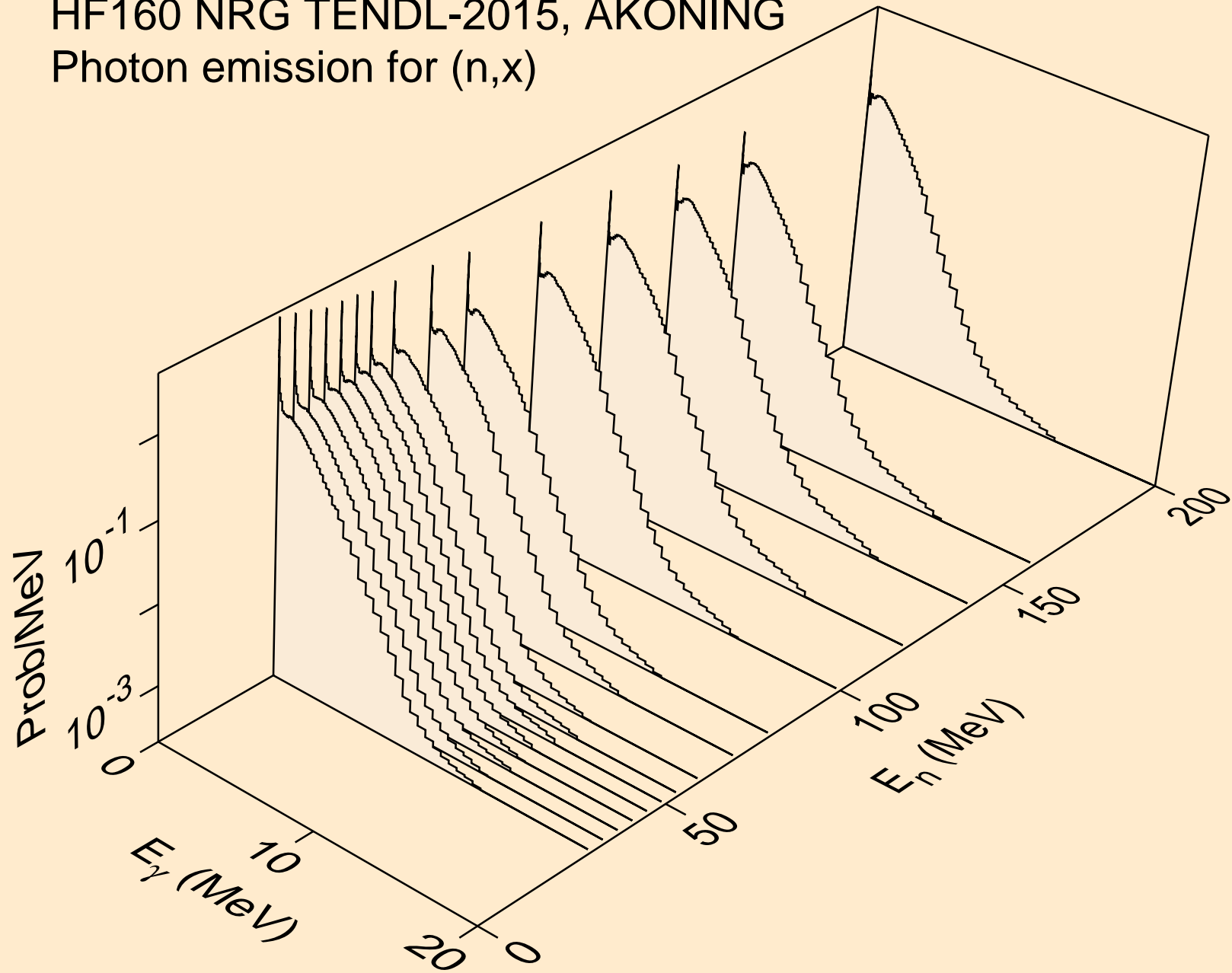
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



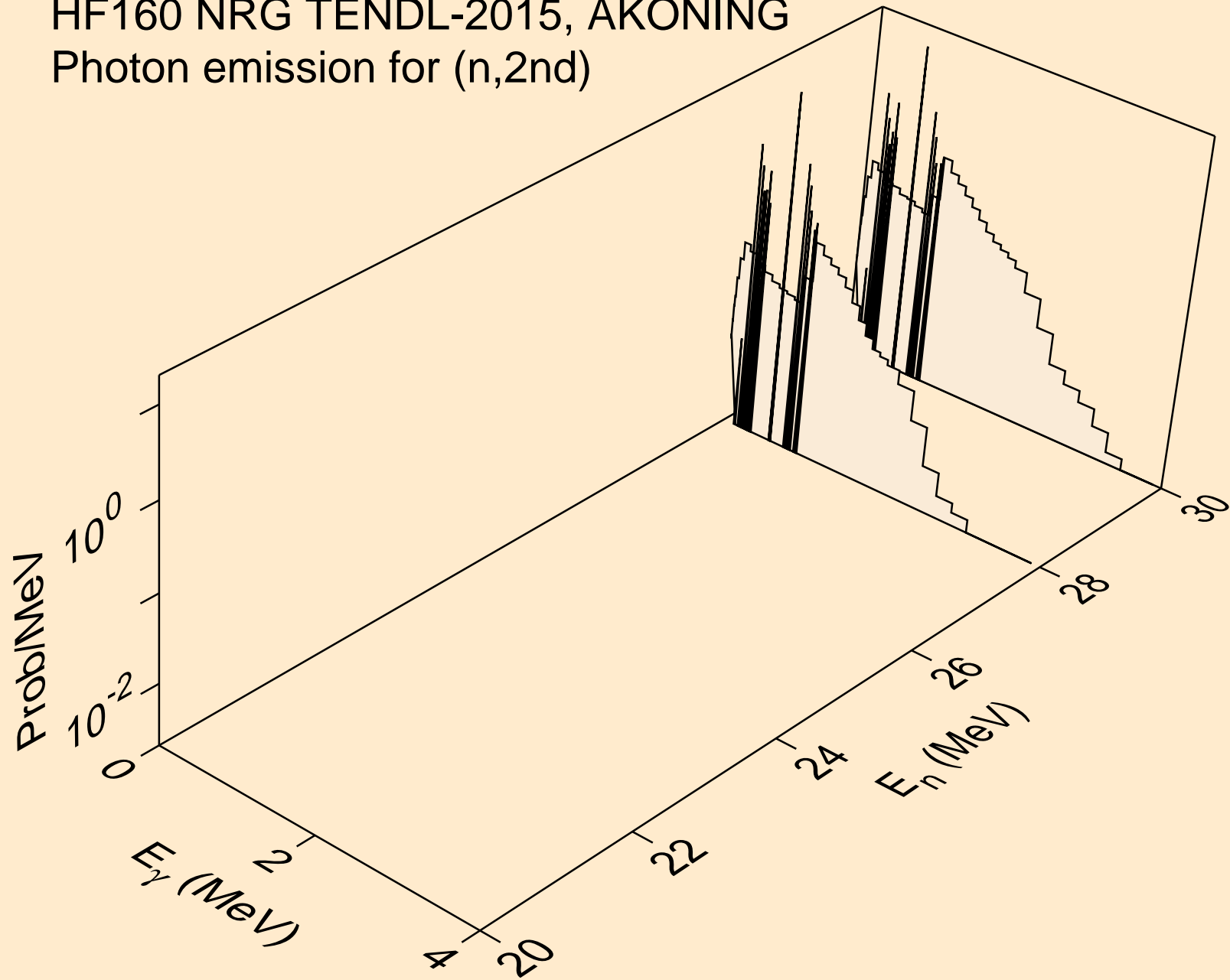
HF160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



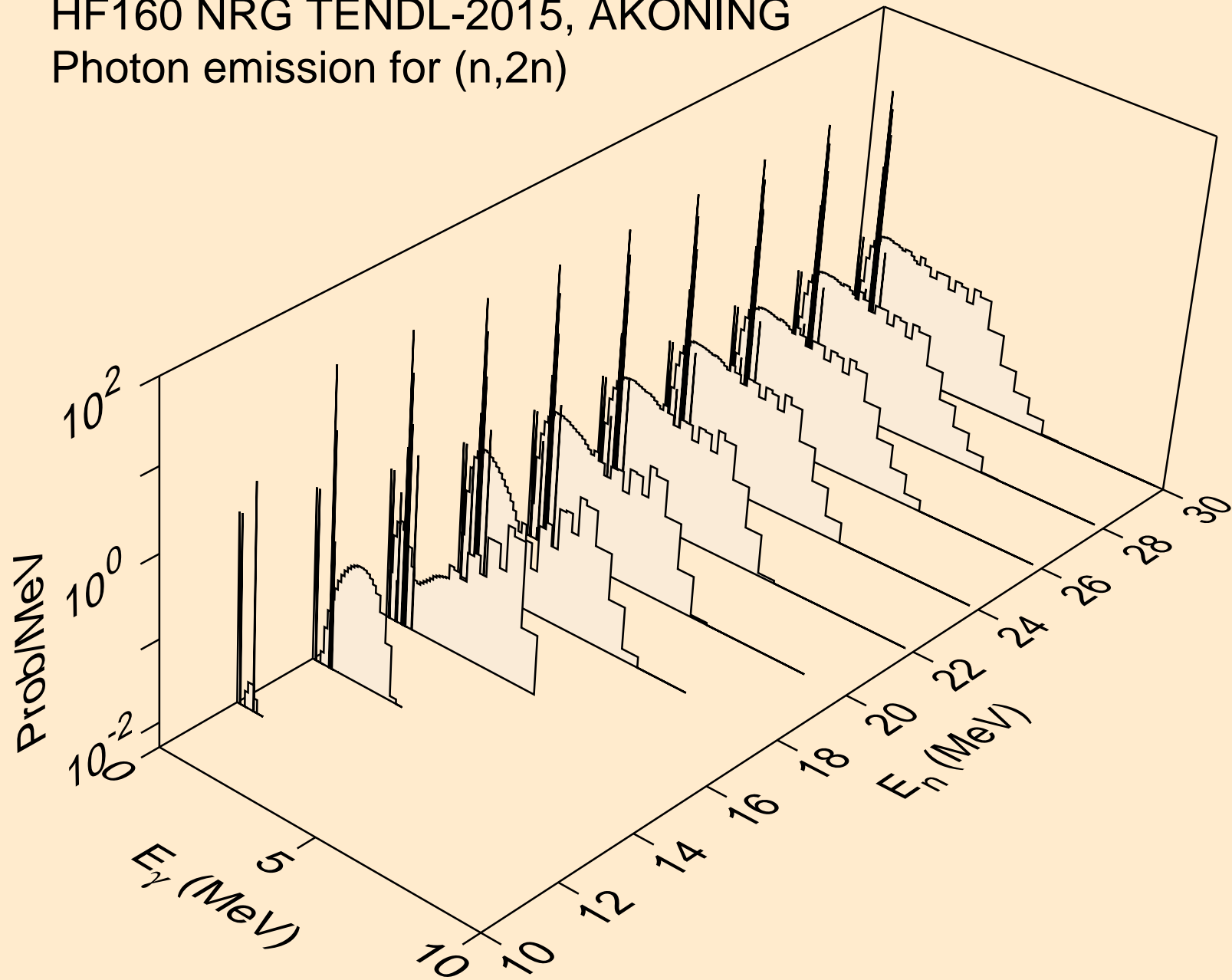
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

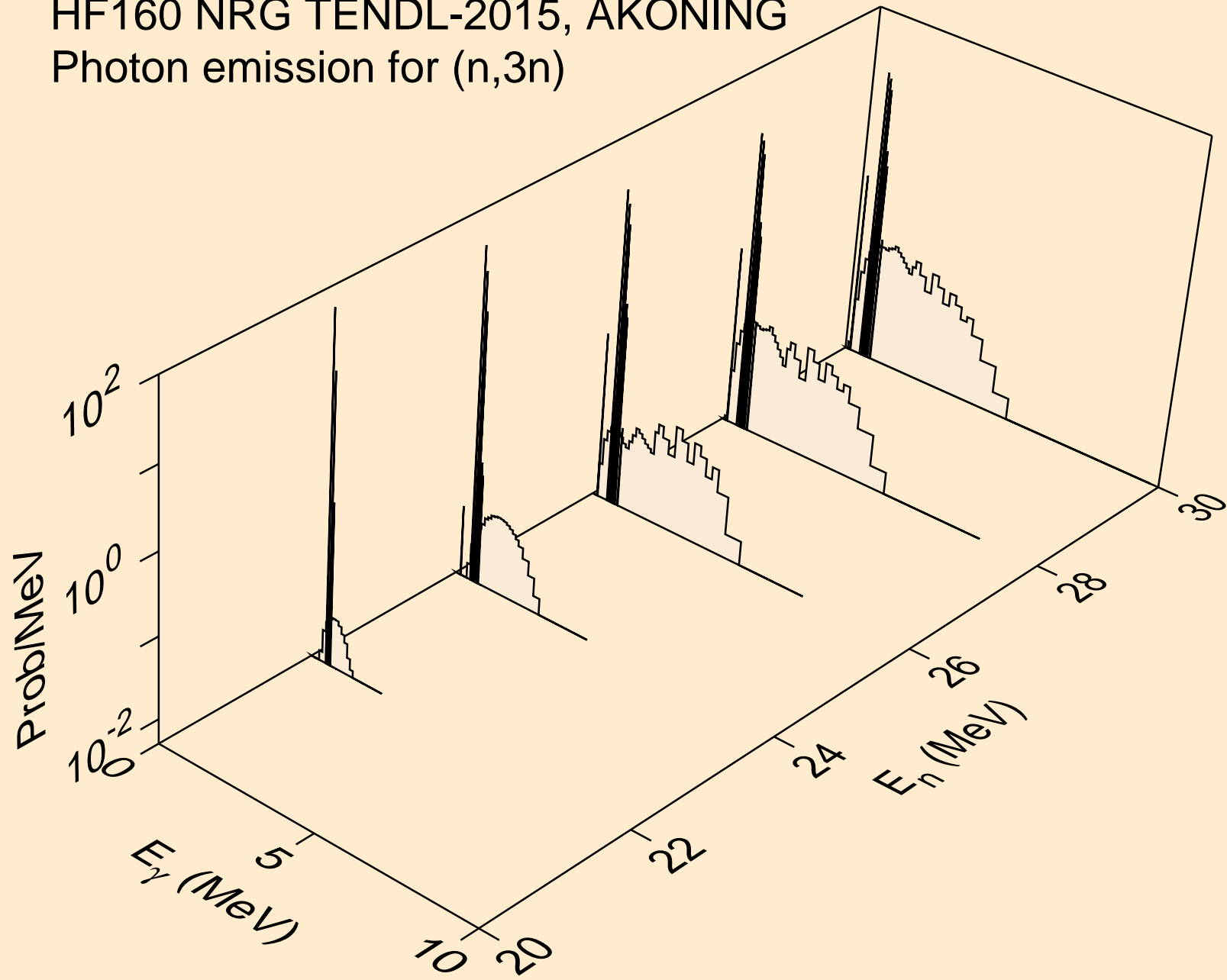


HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

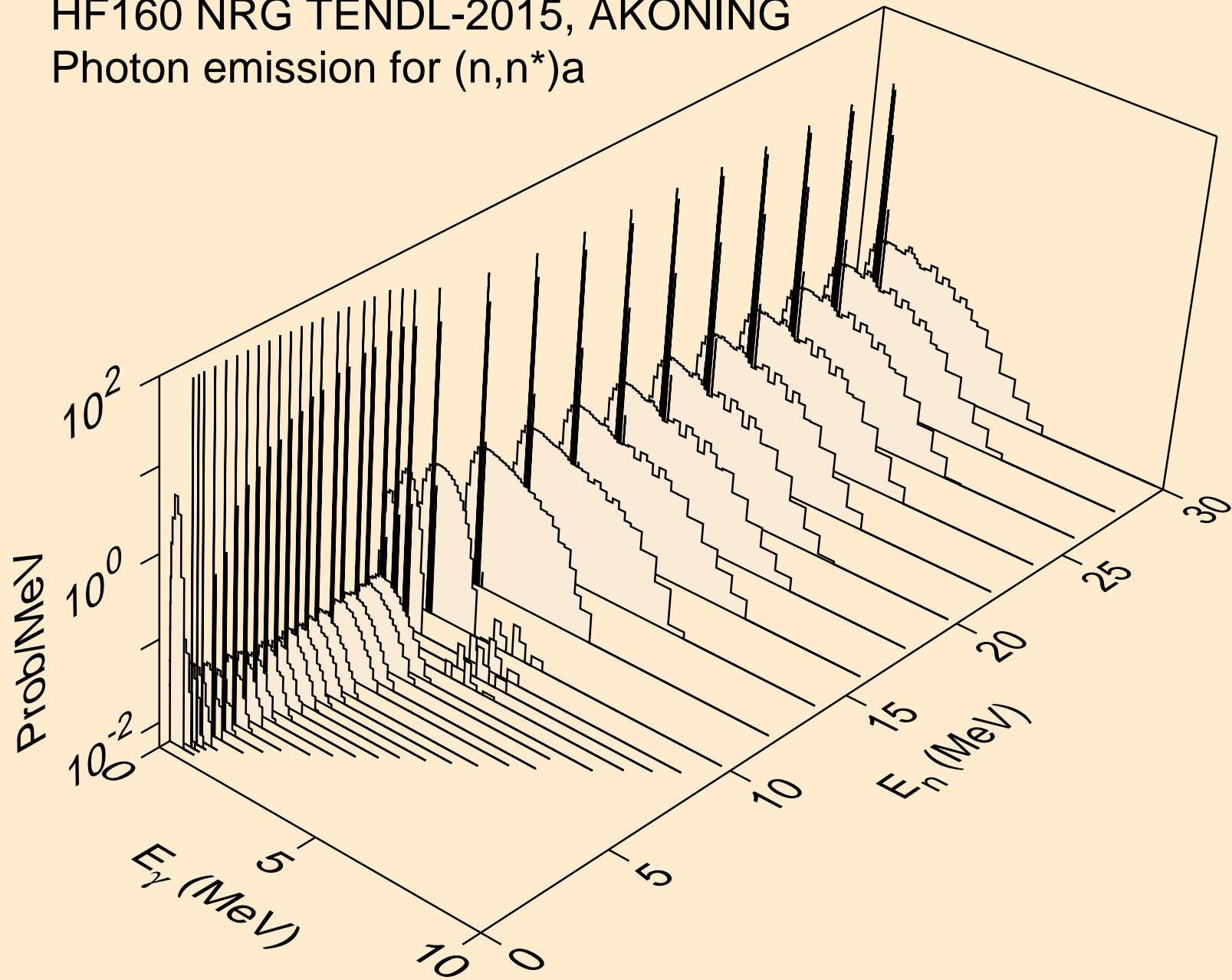




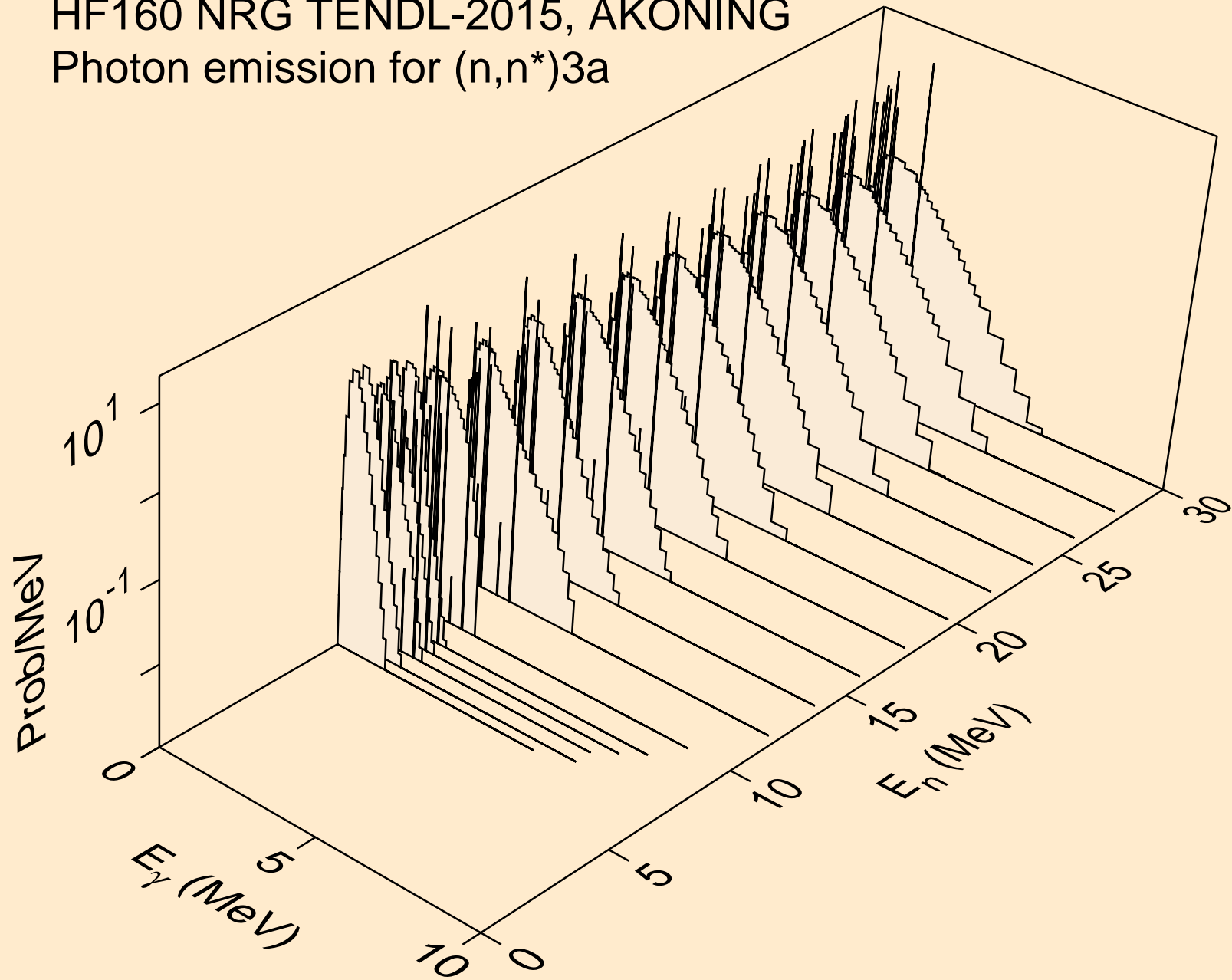
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



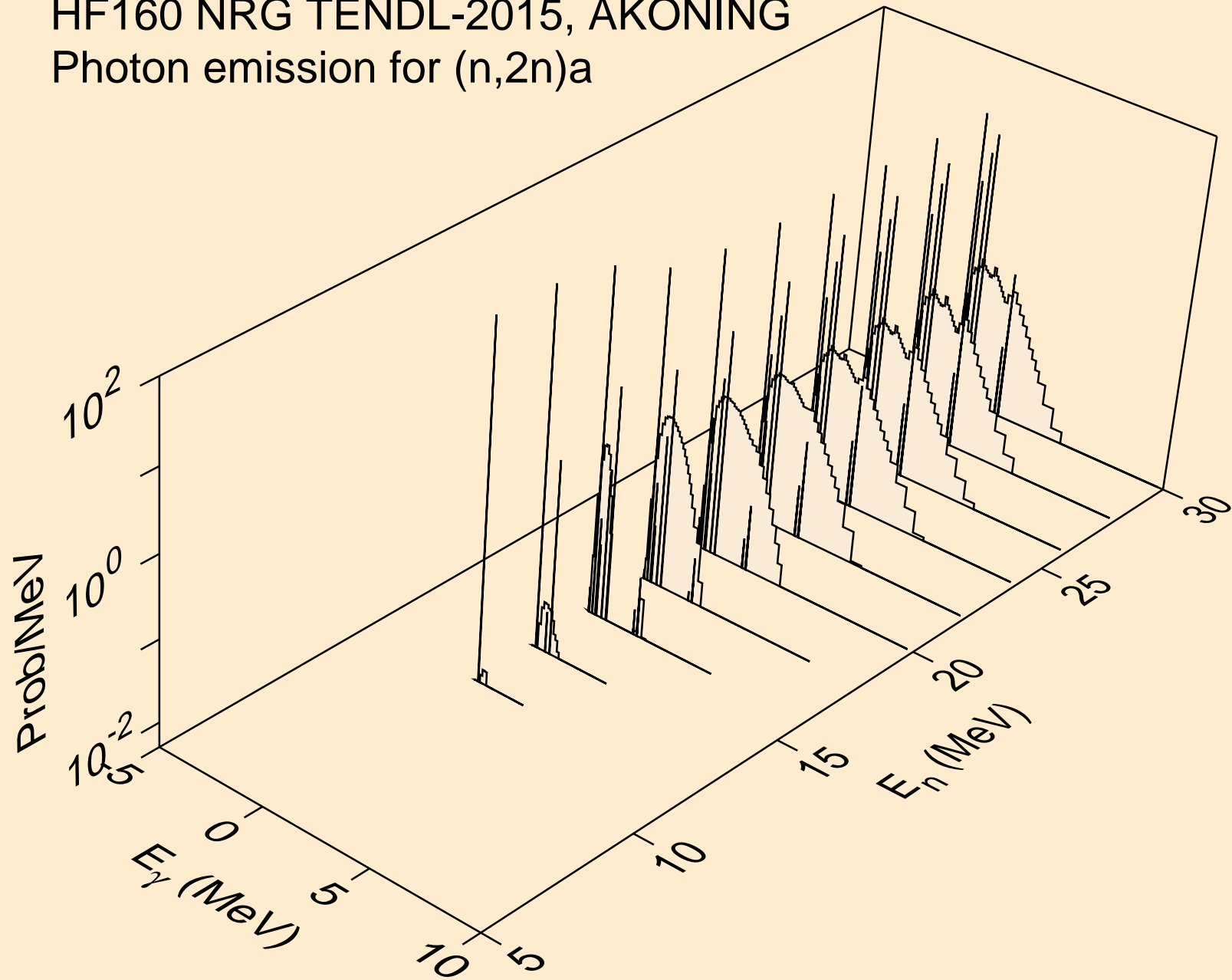
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



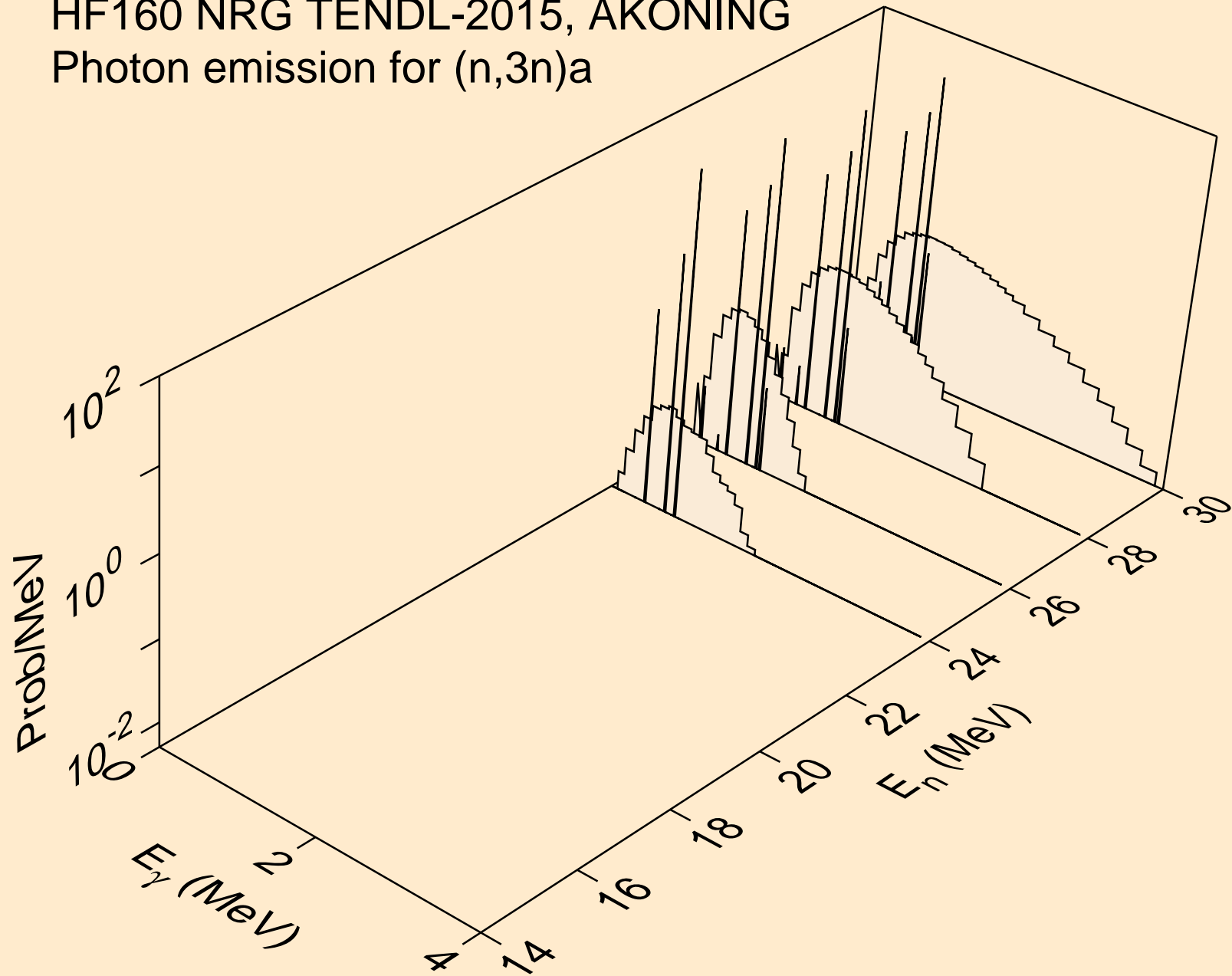
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



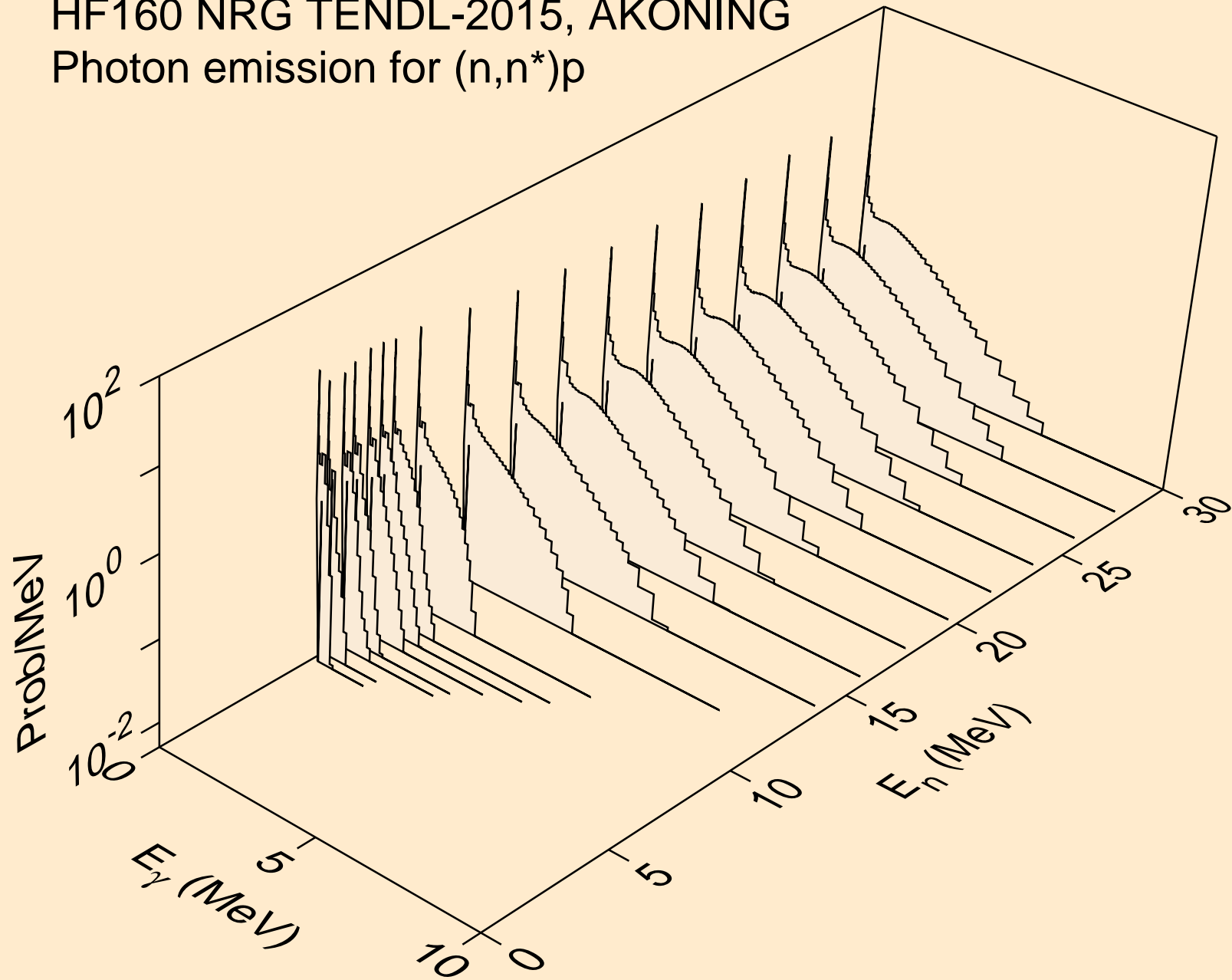
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



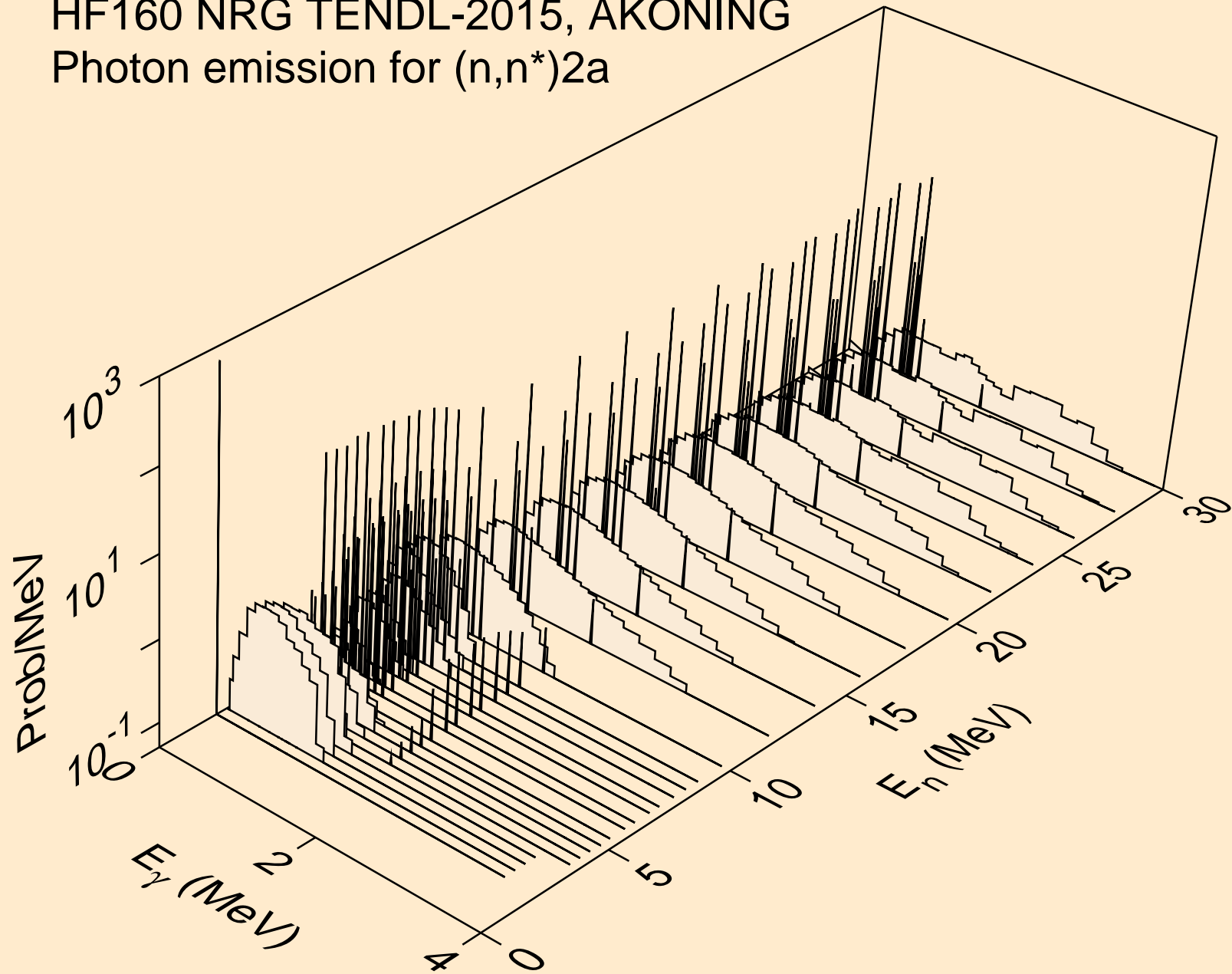
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



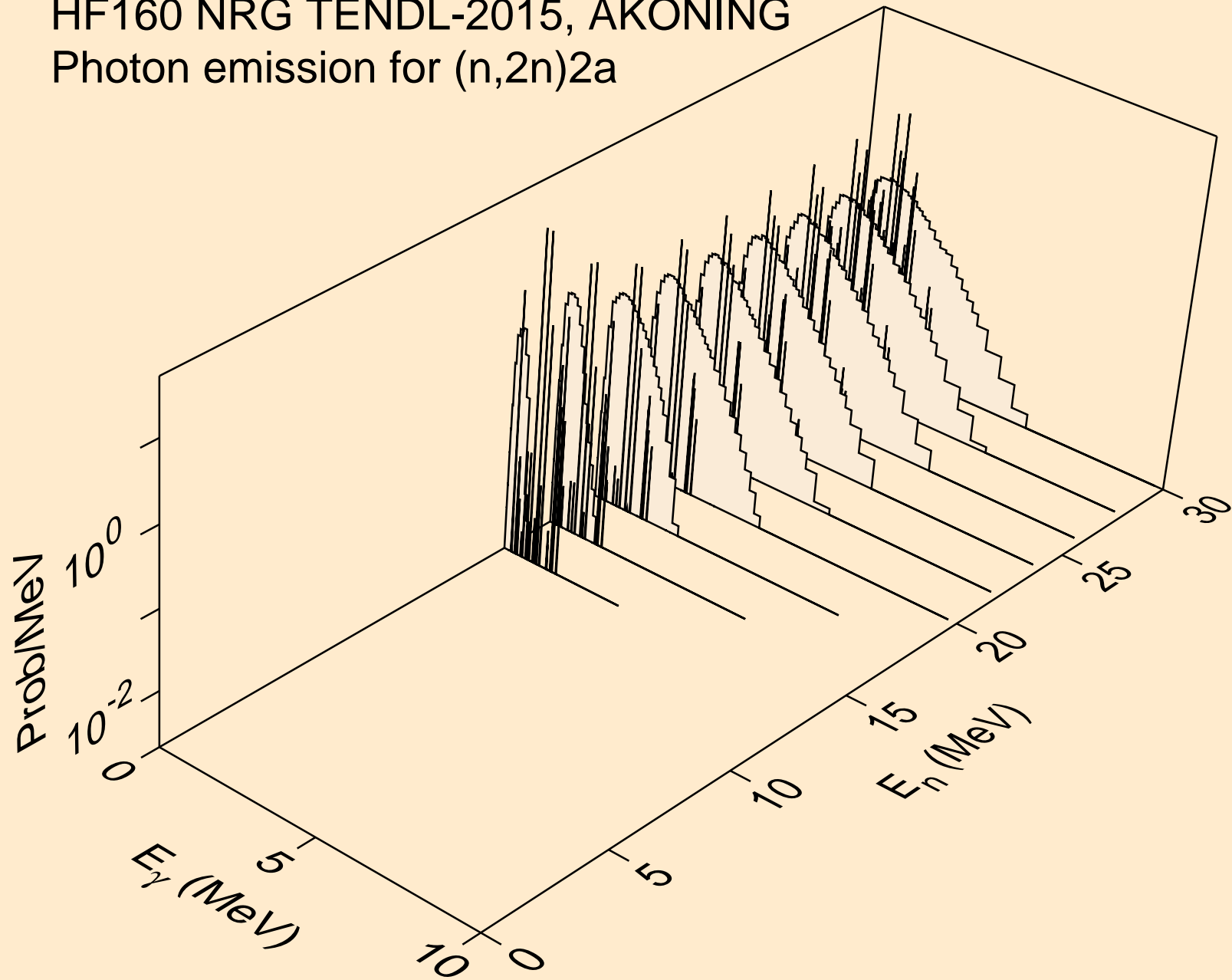
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

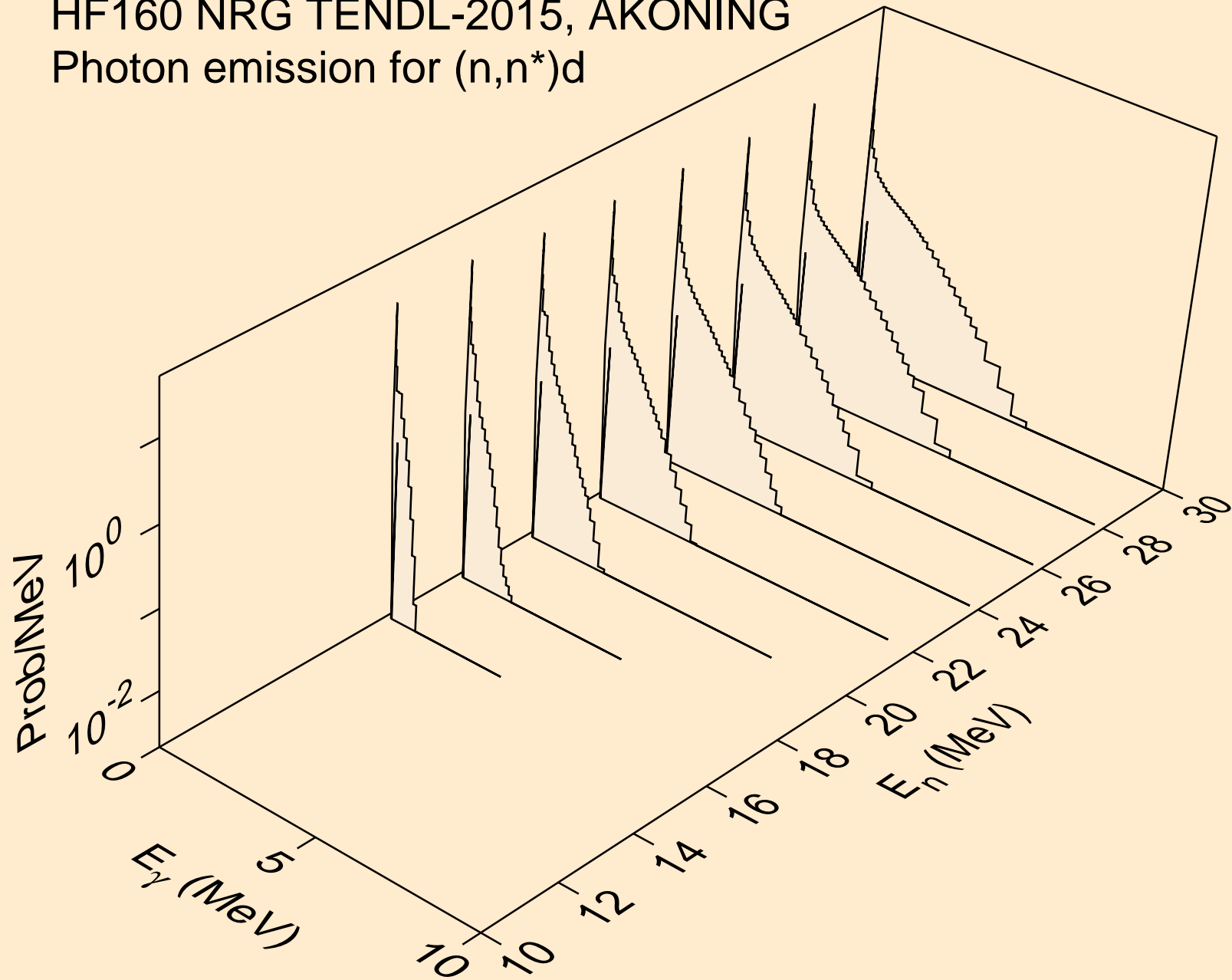


HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

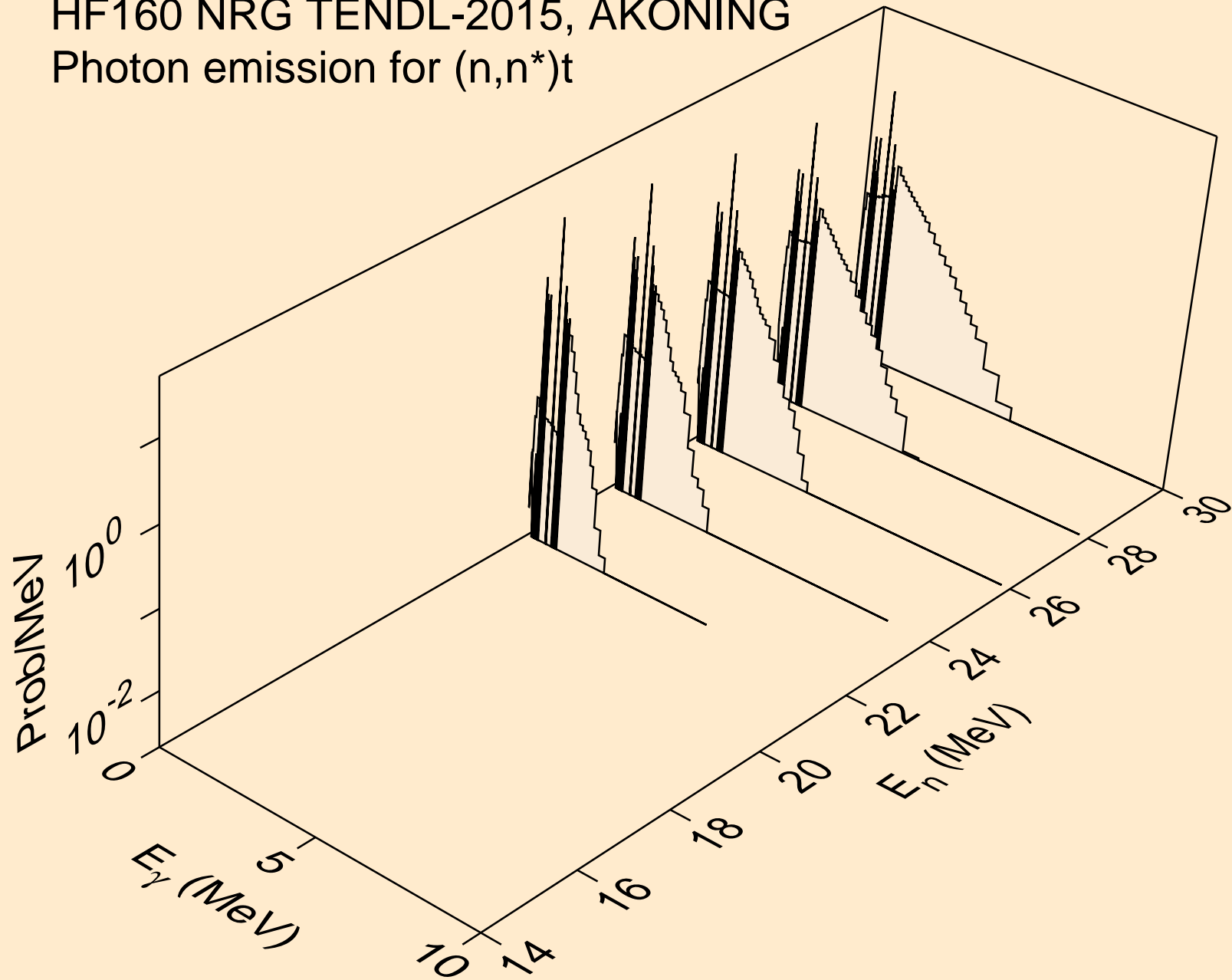




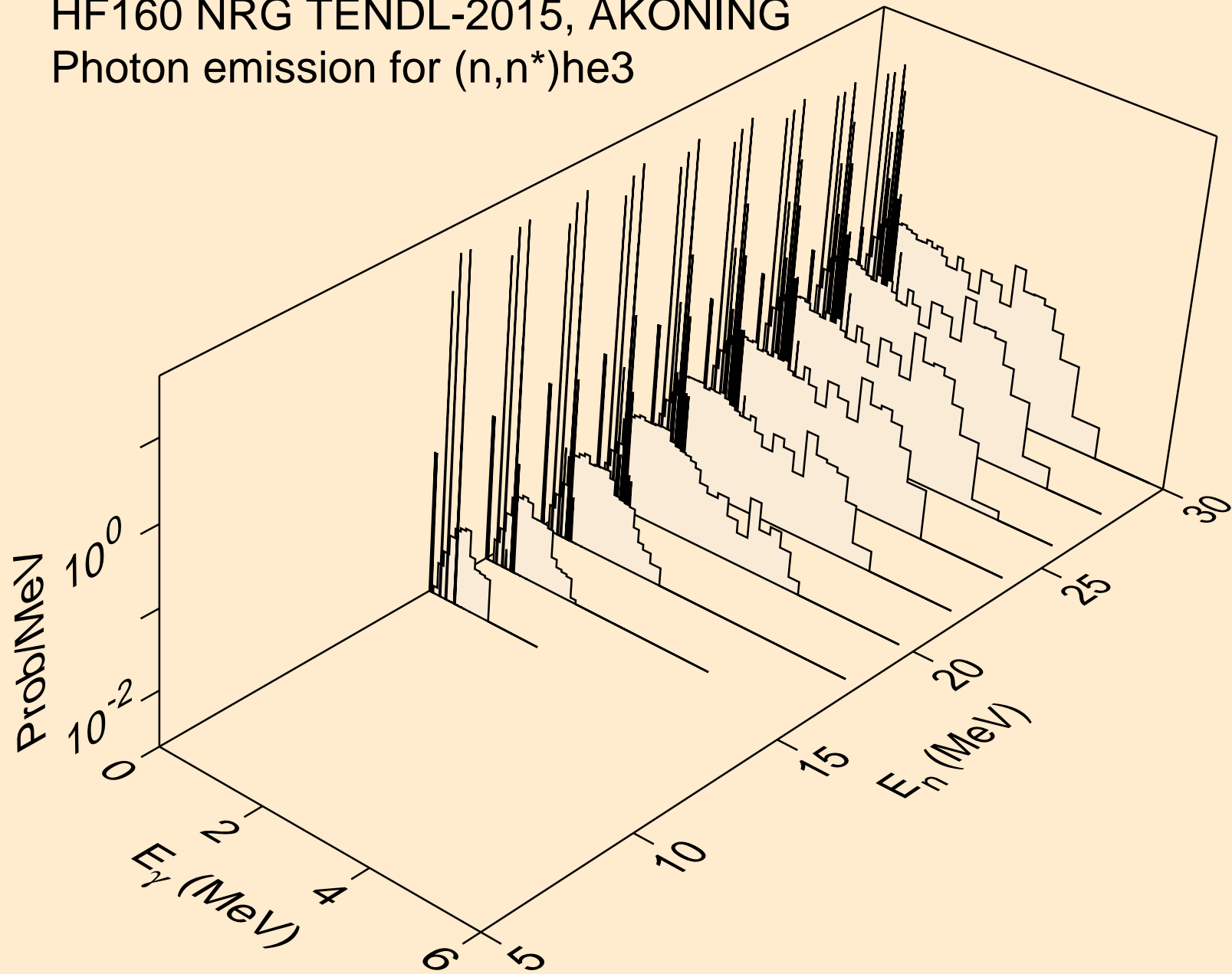
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



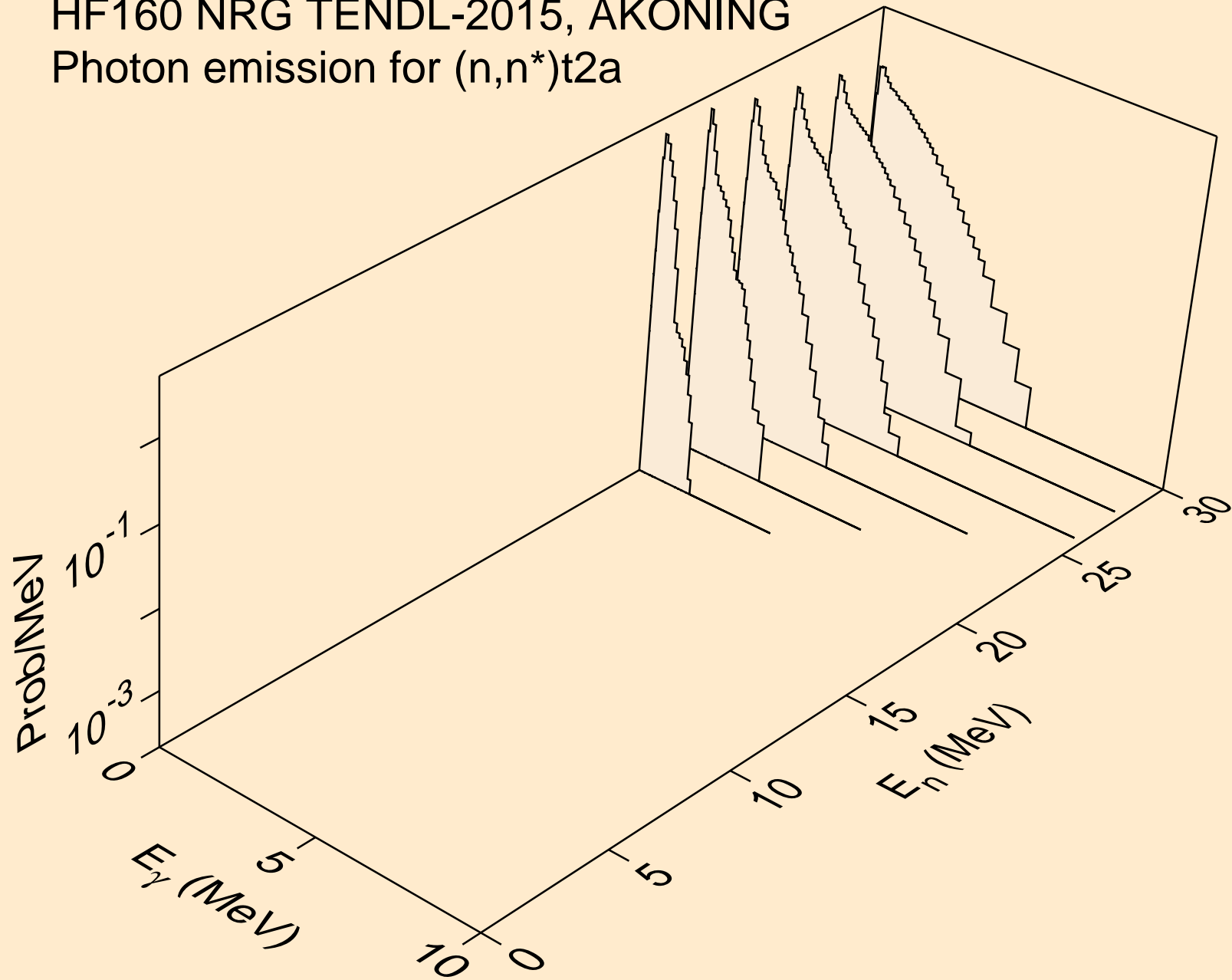
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



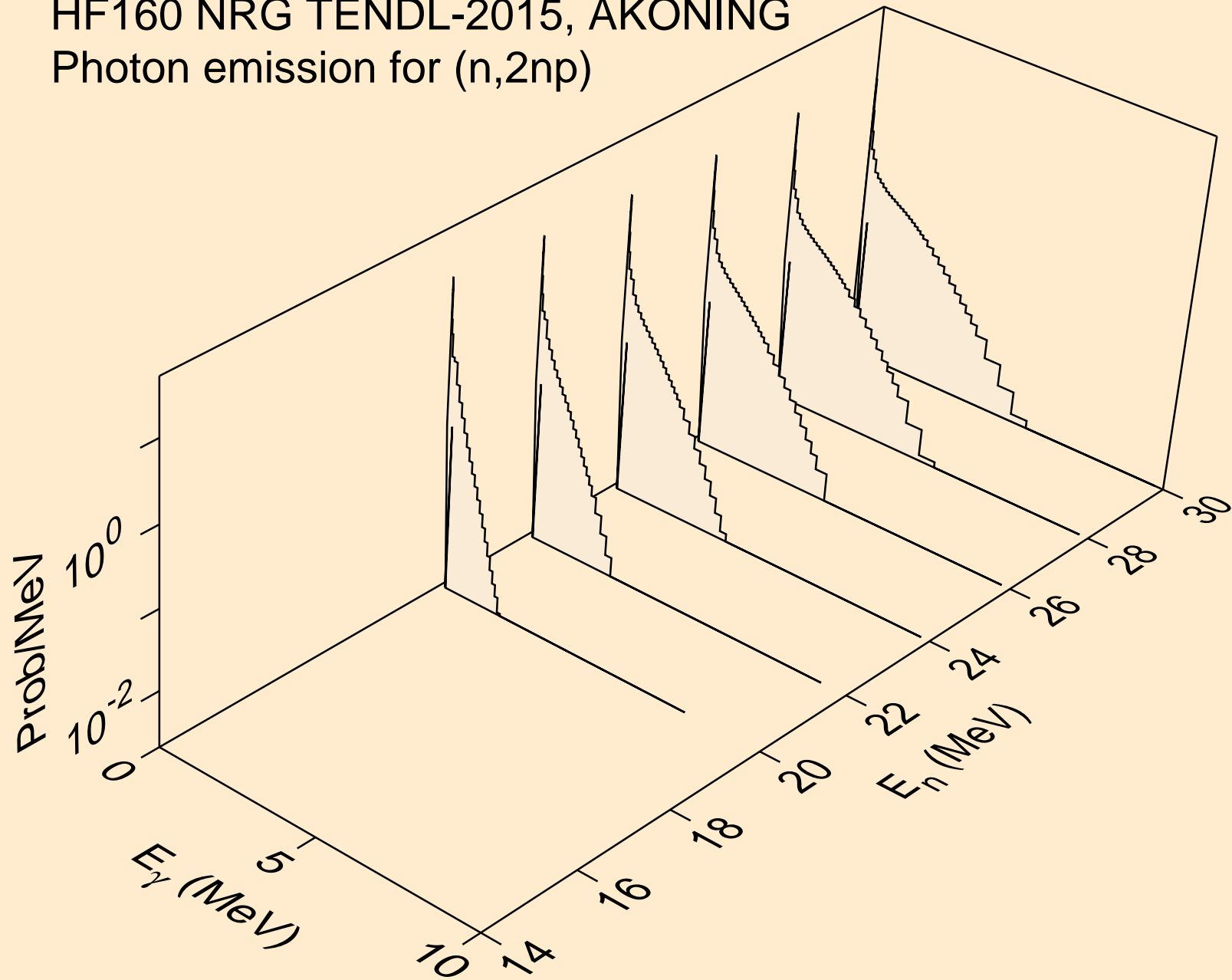
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



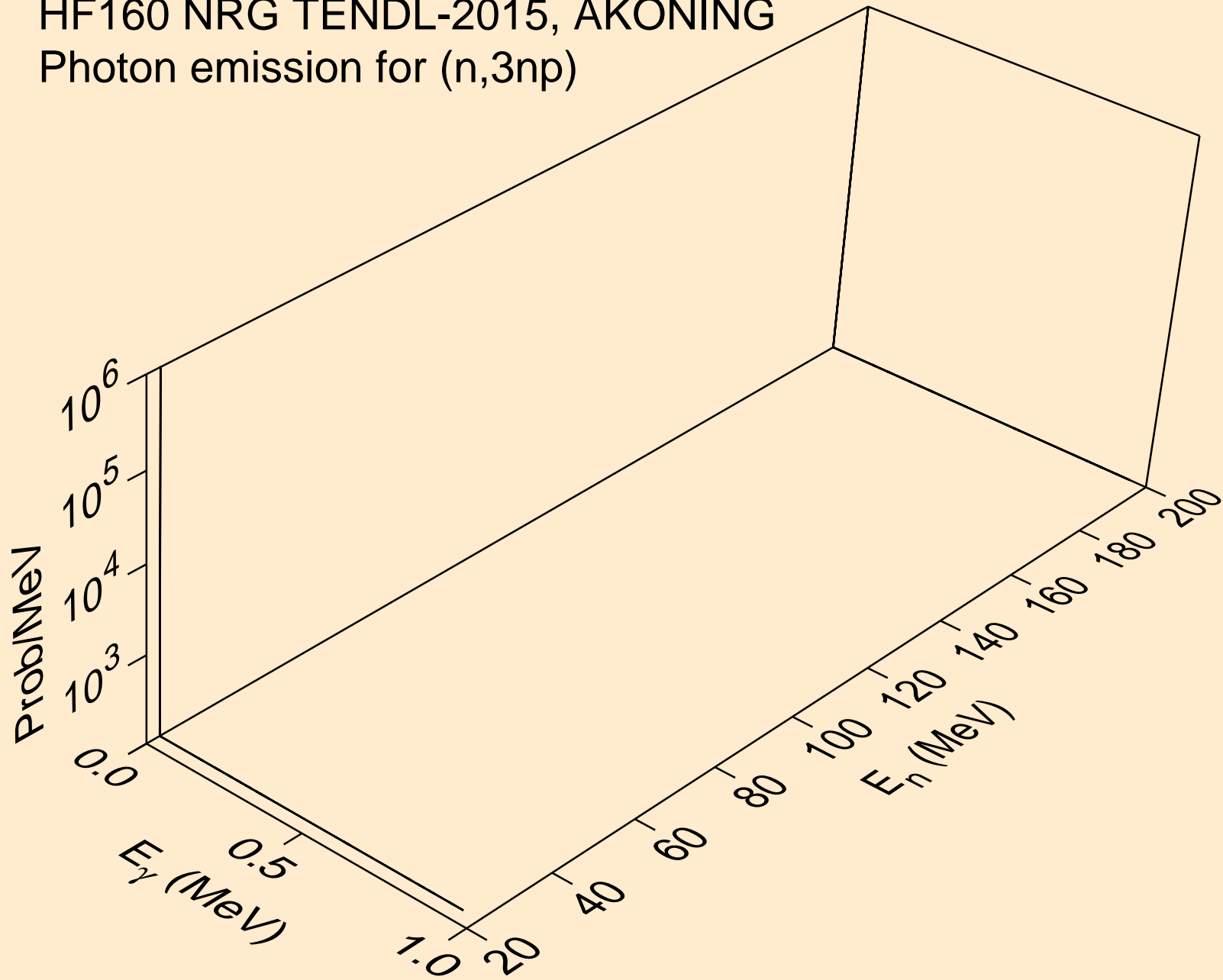
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



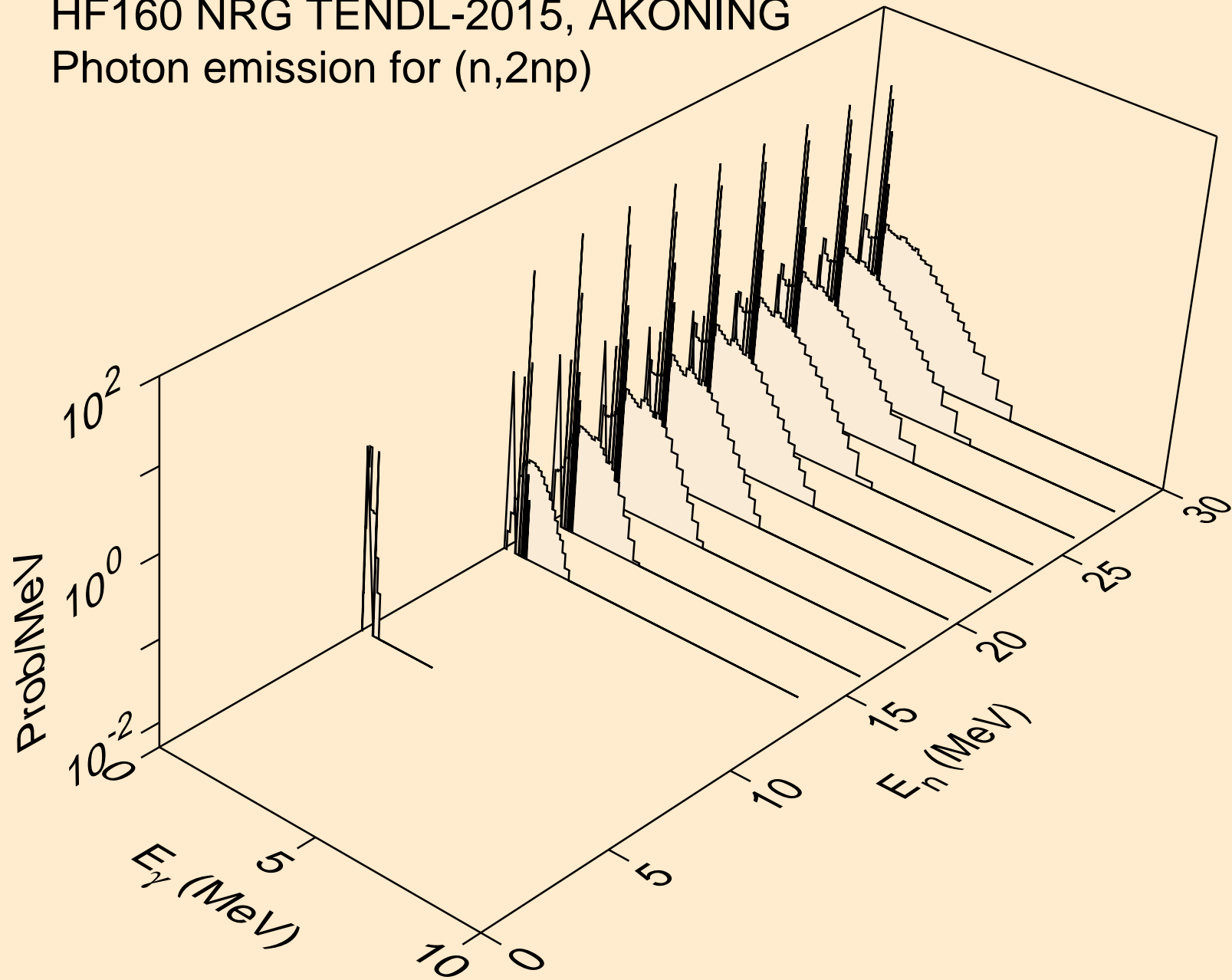
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



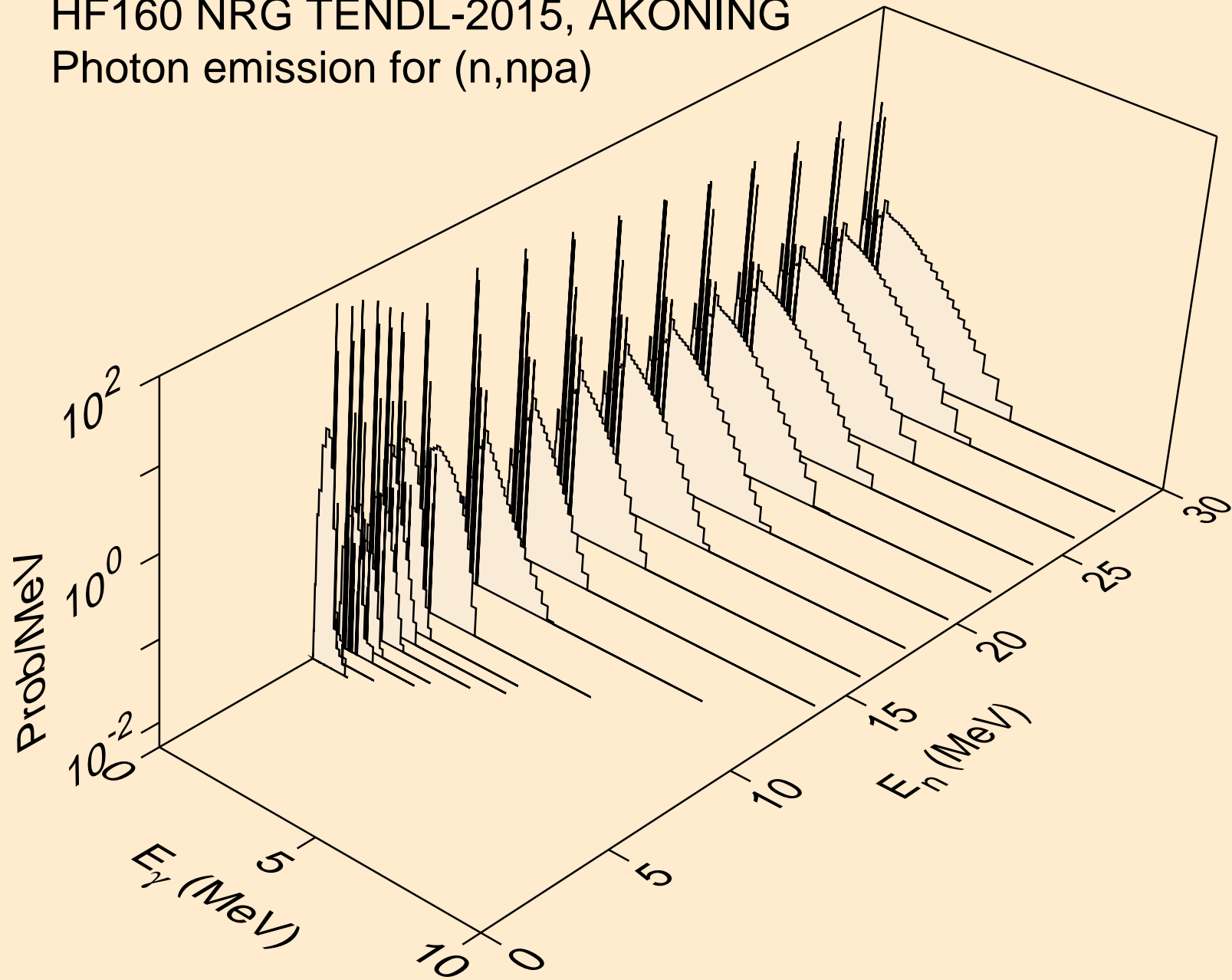
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

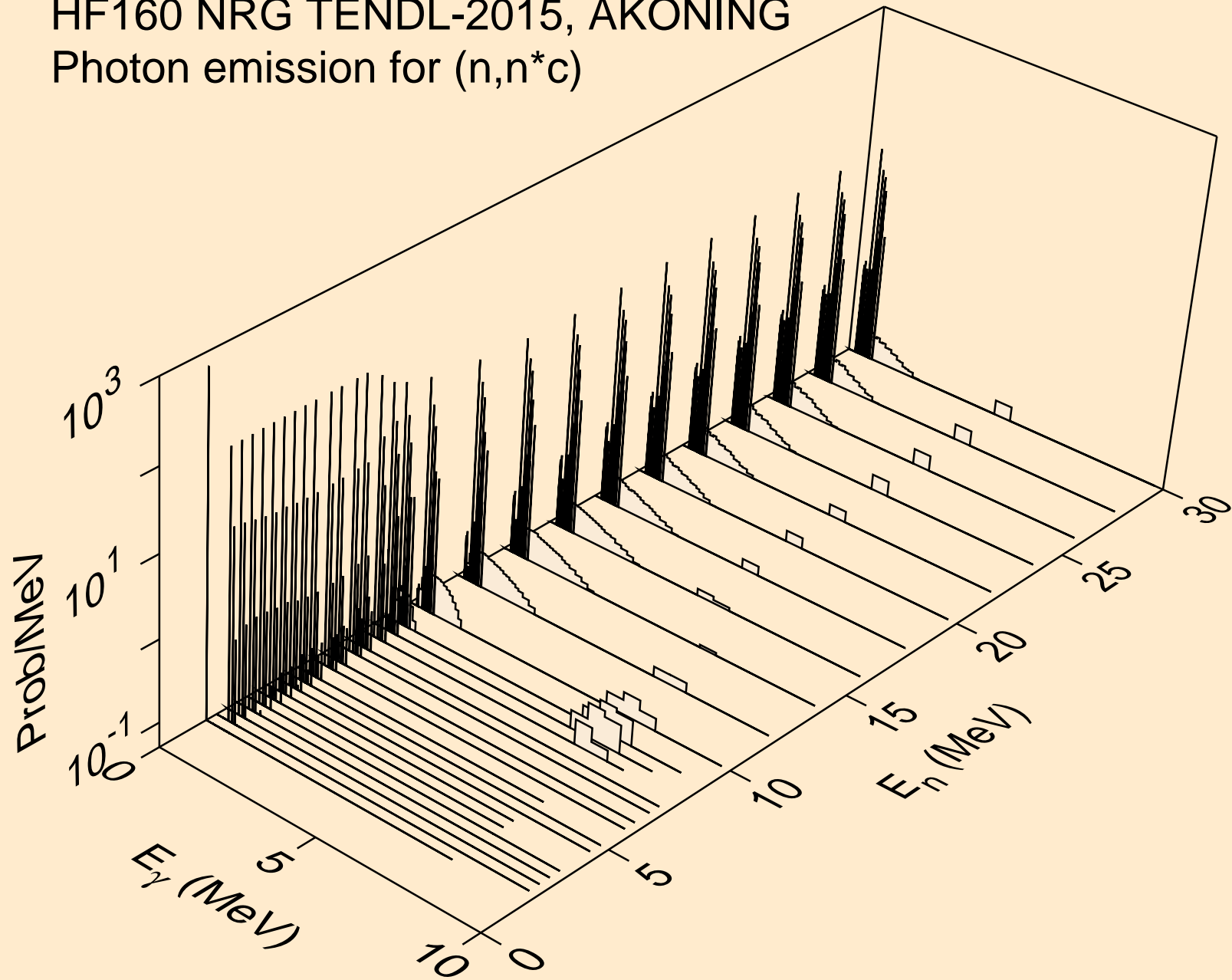


HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

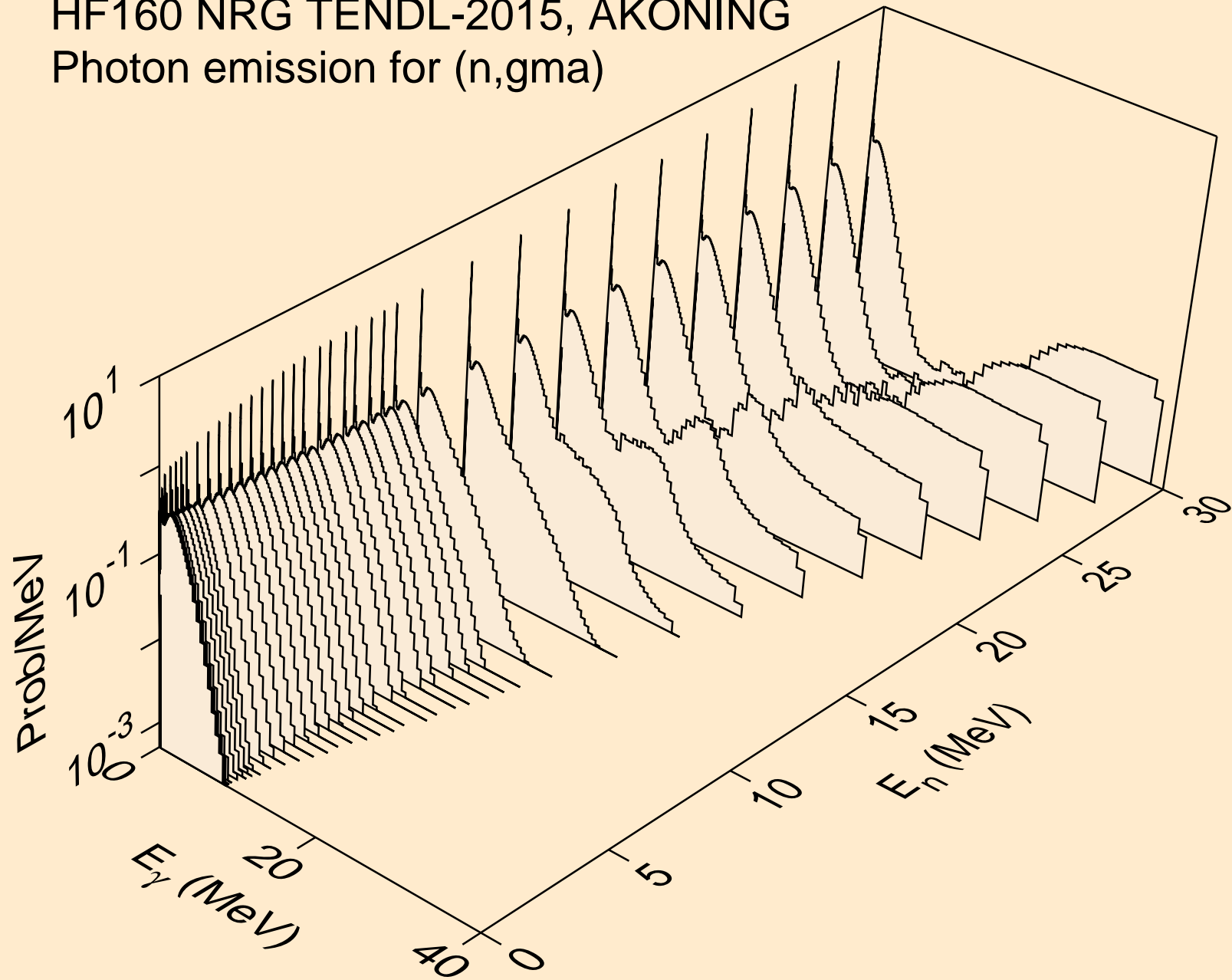




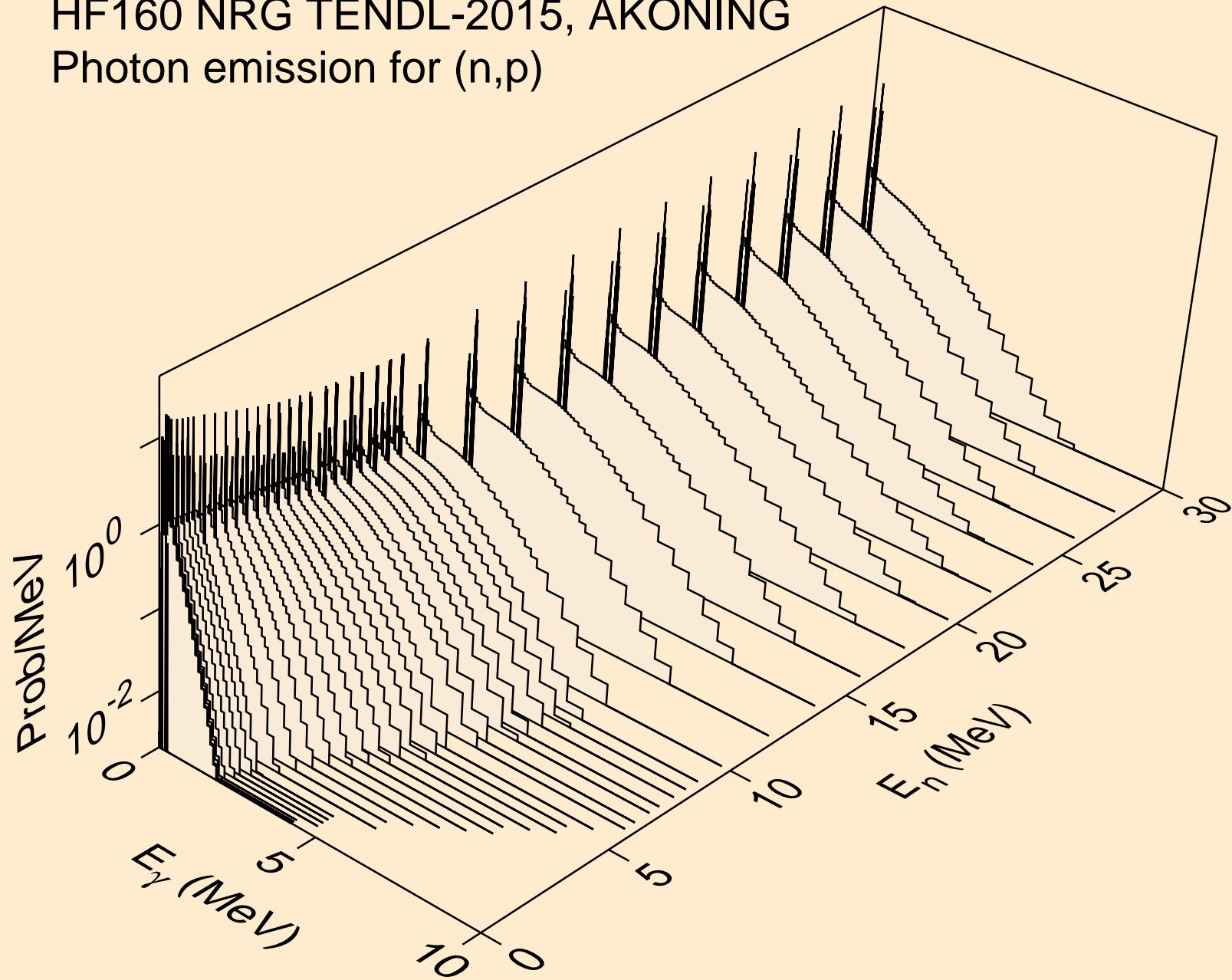
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



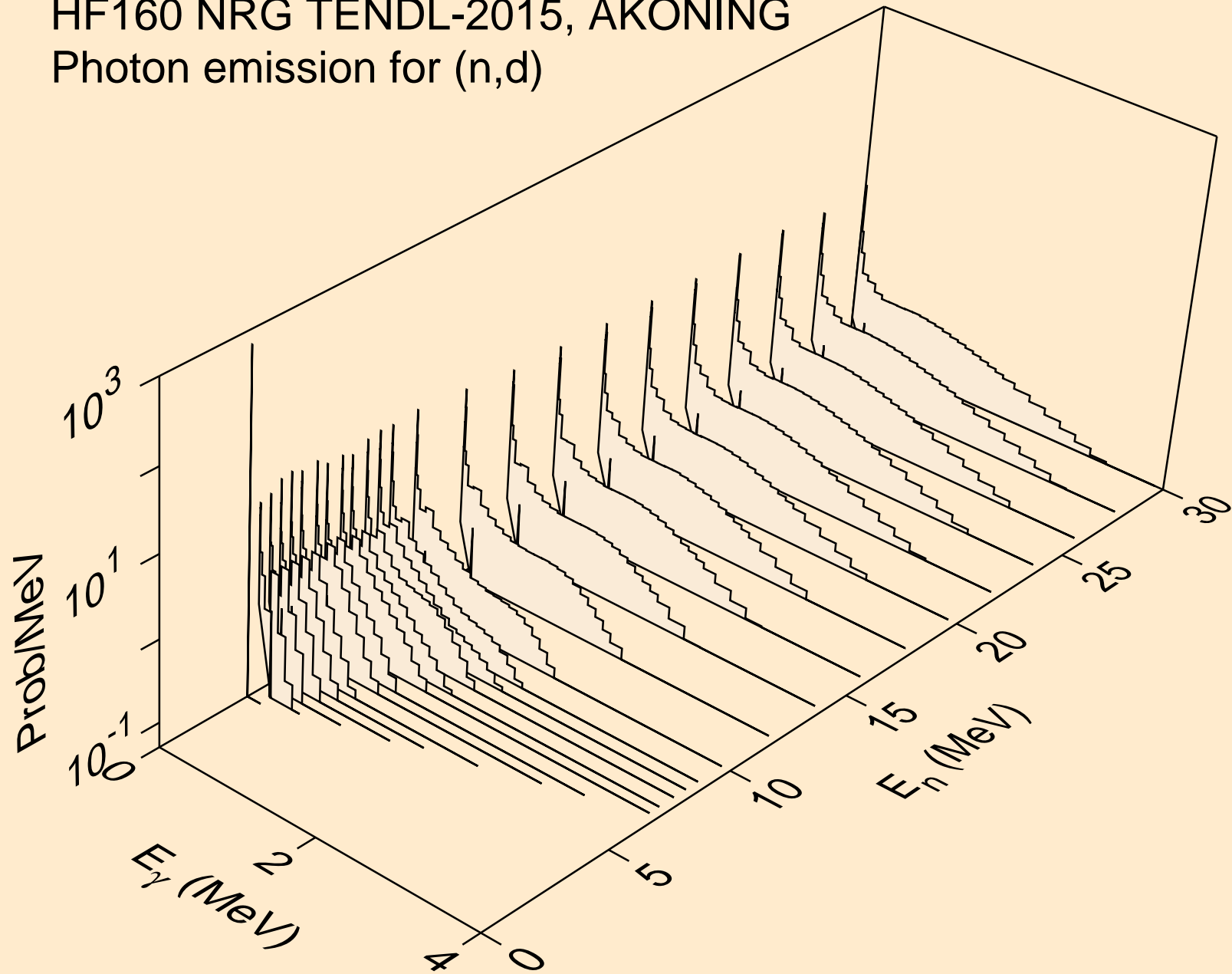
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



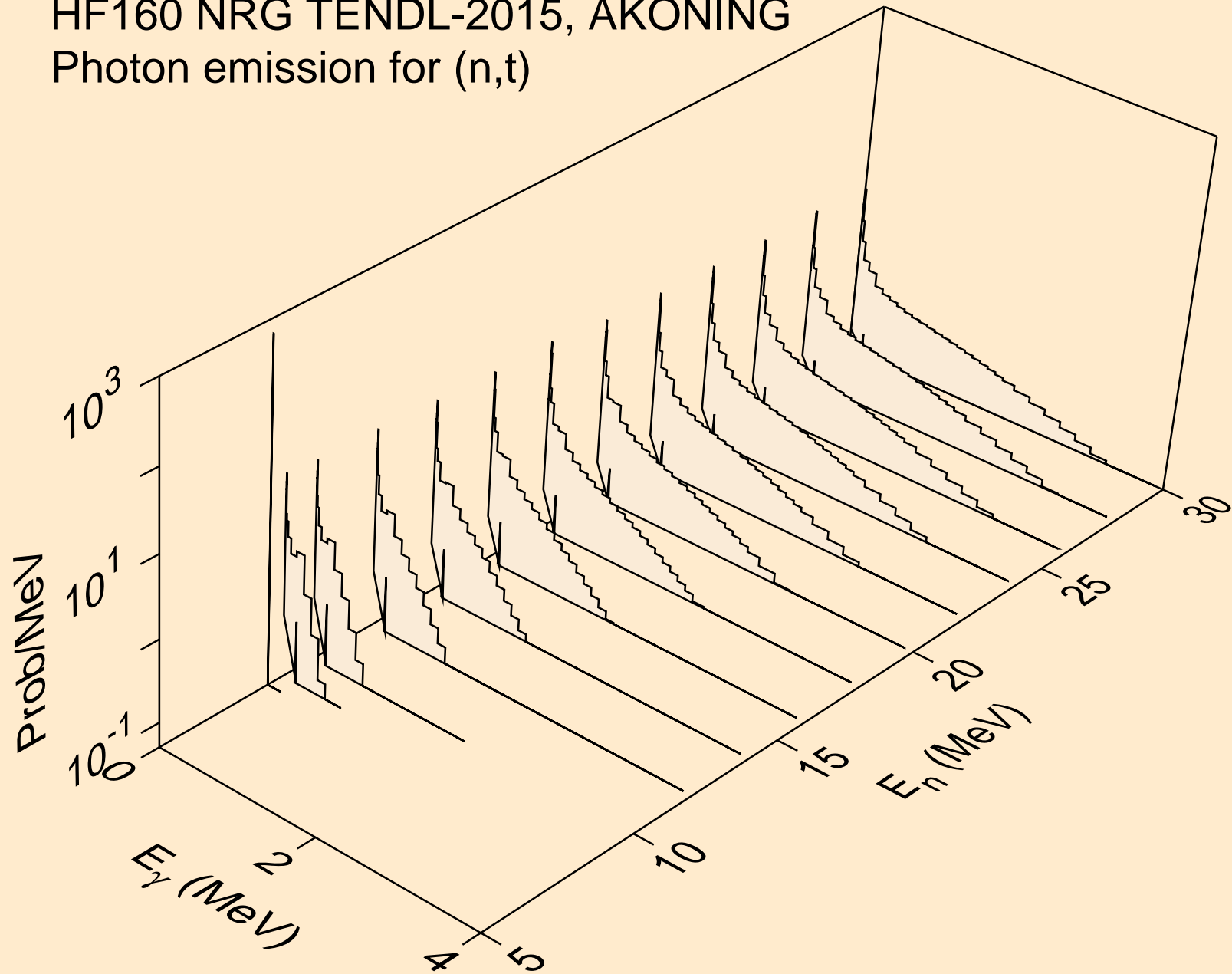
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



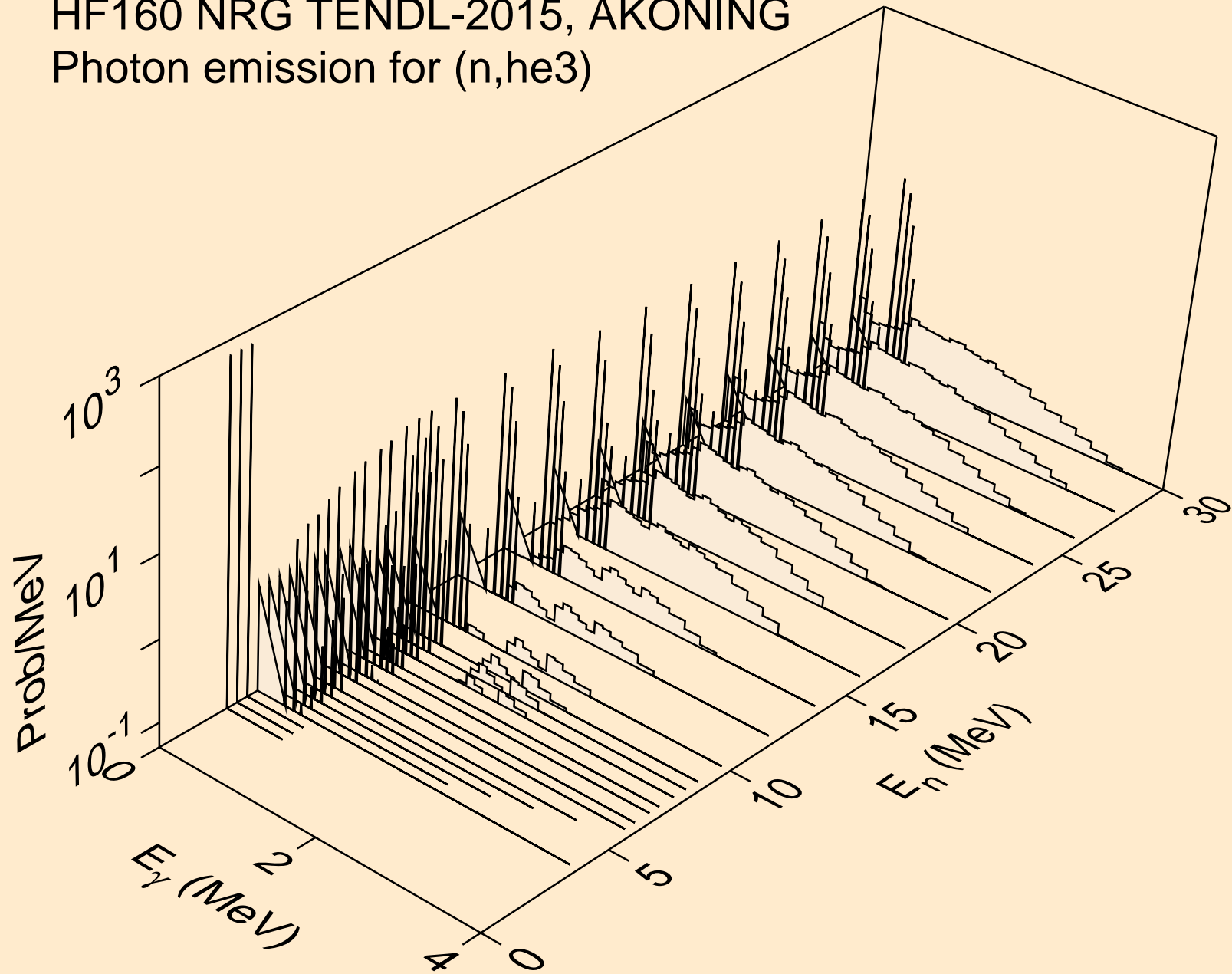
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



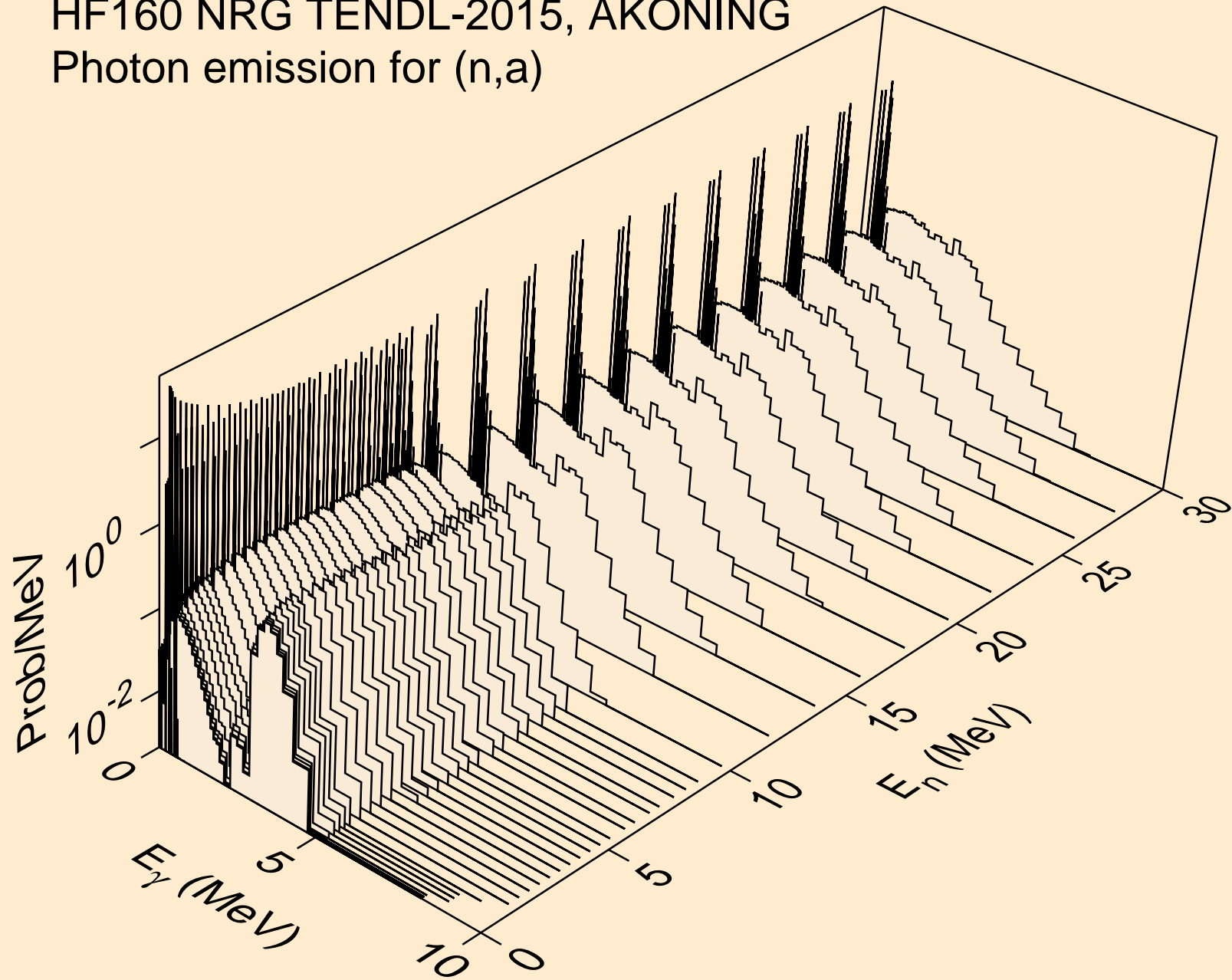
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



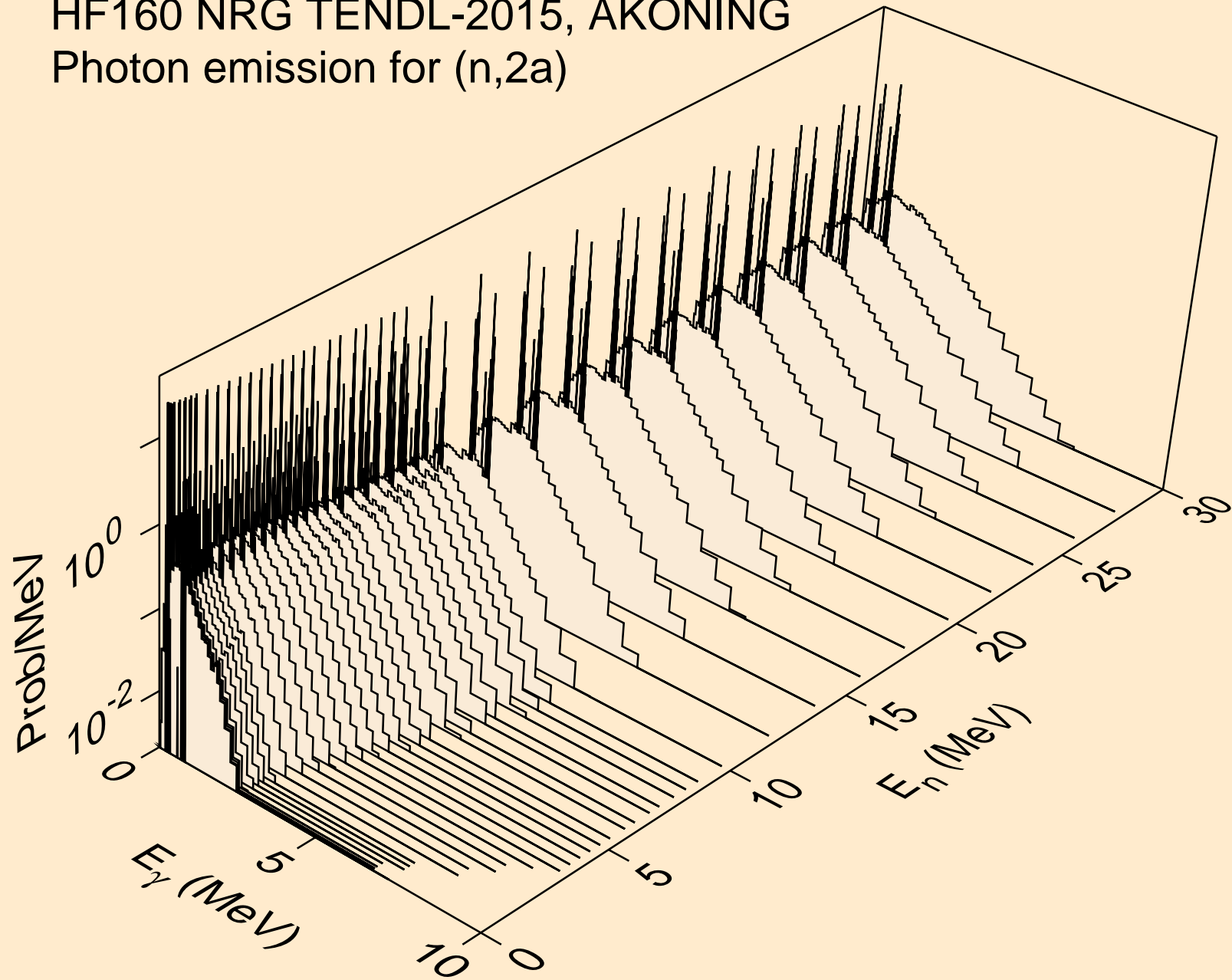
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

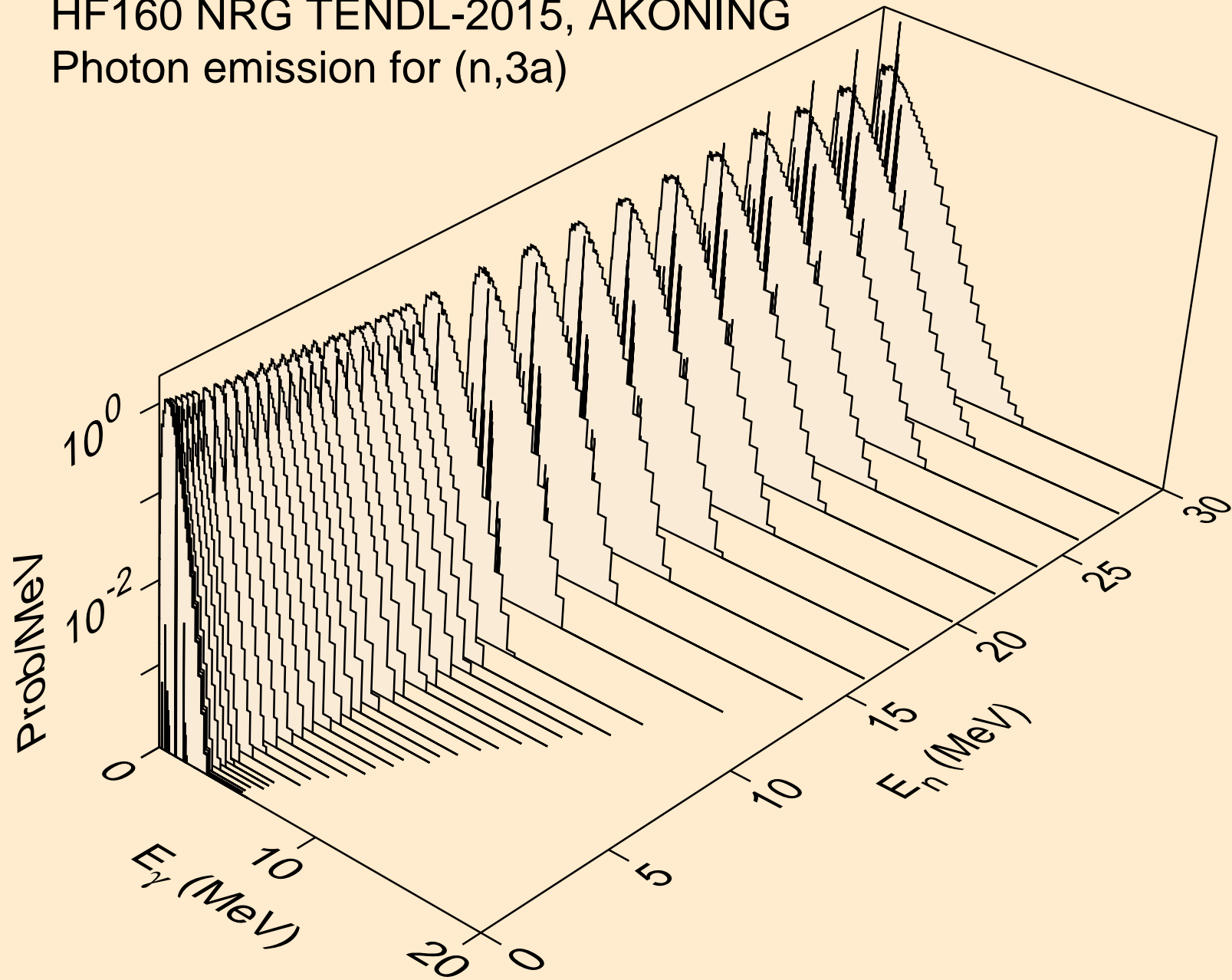


HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

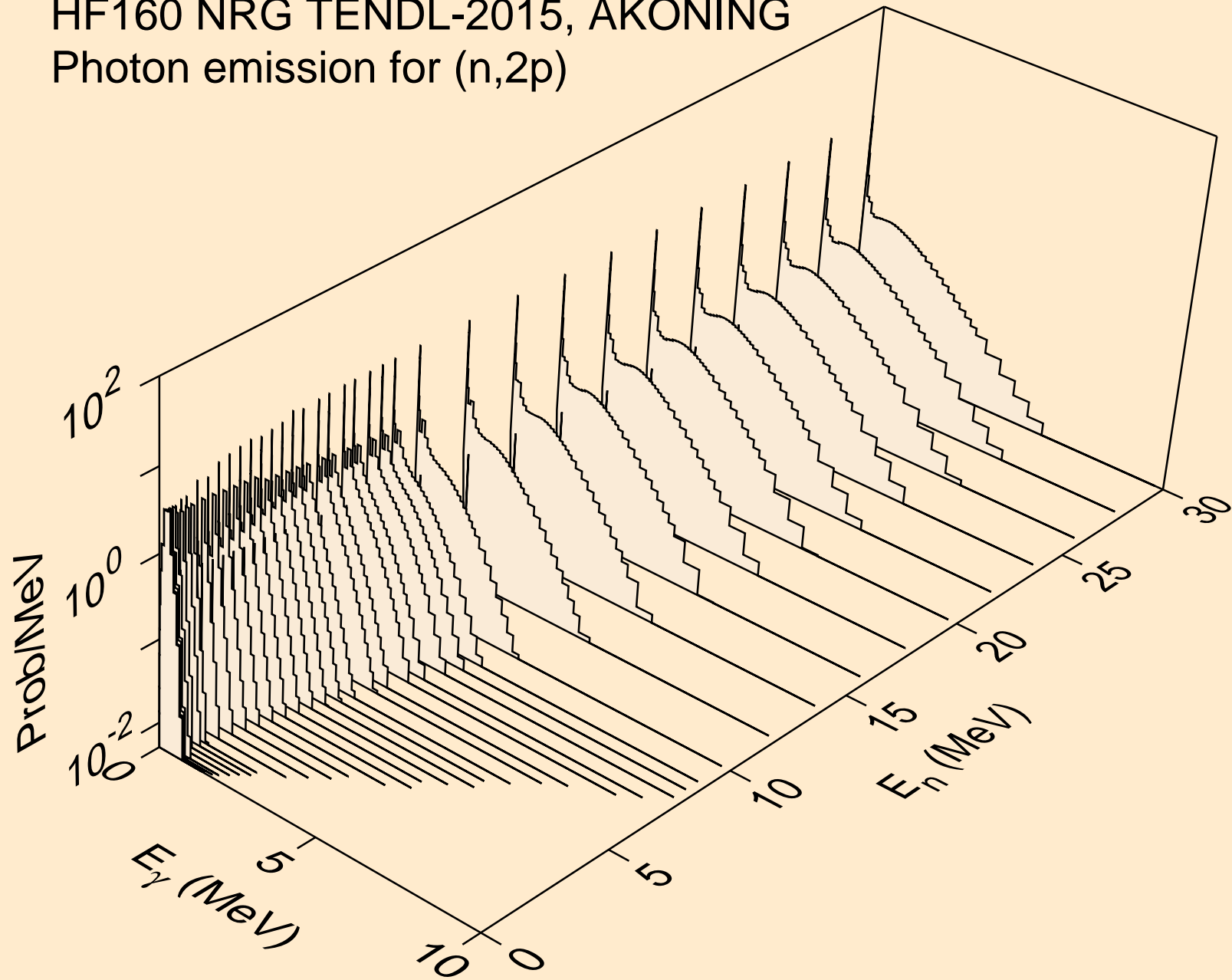




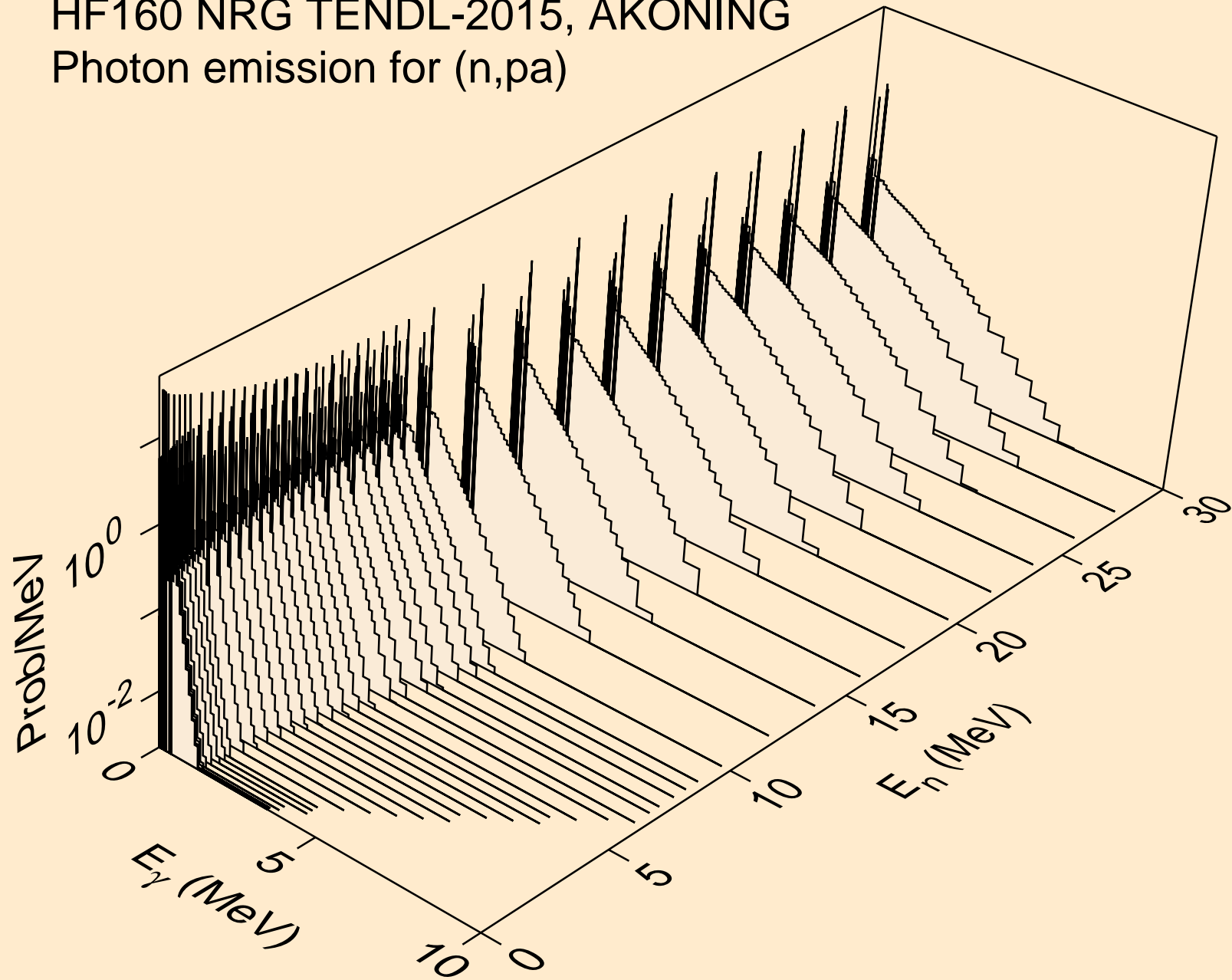
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



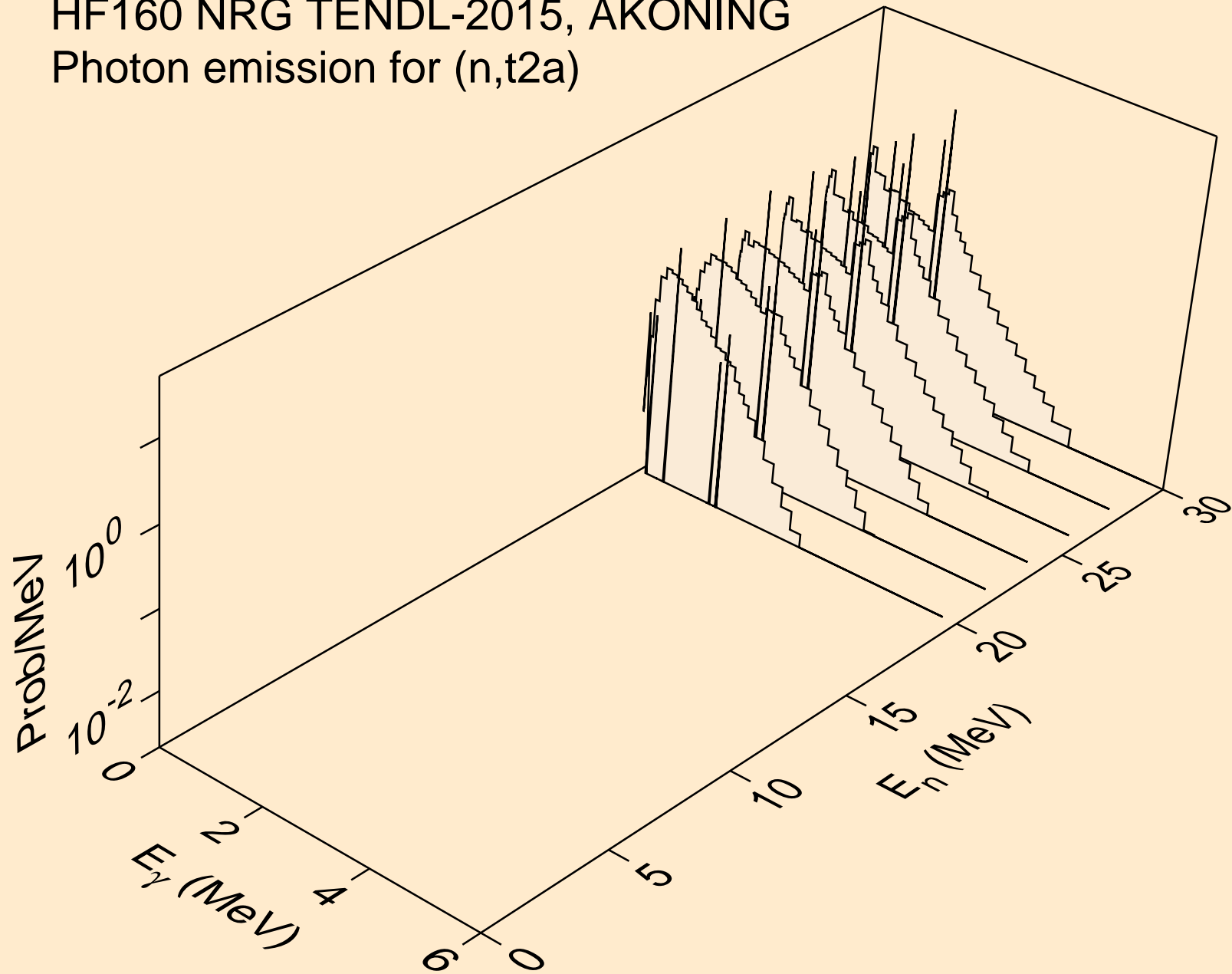
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



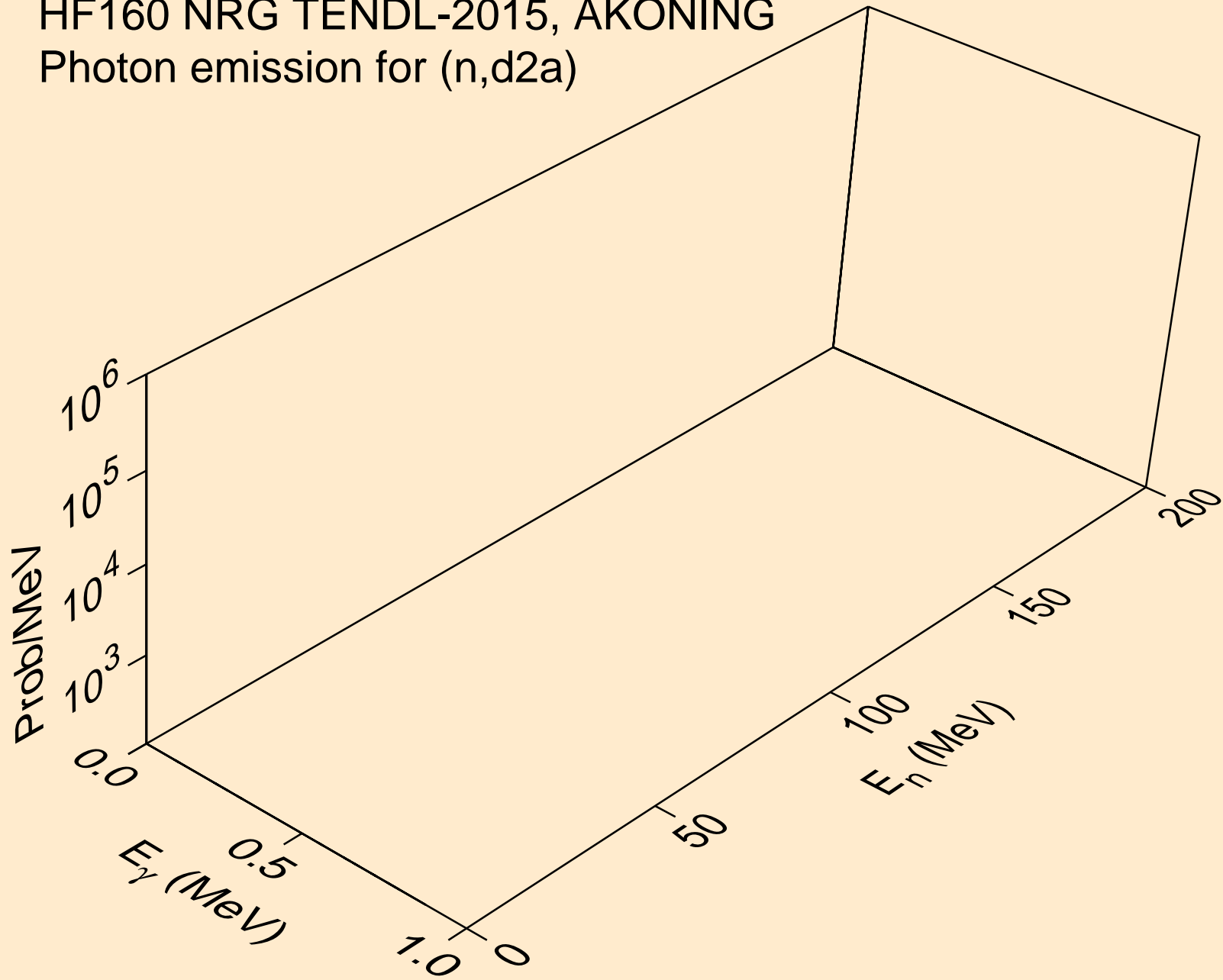
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



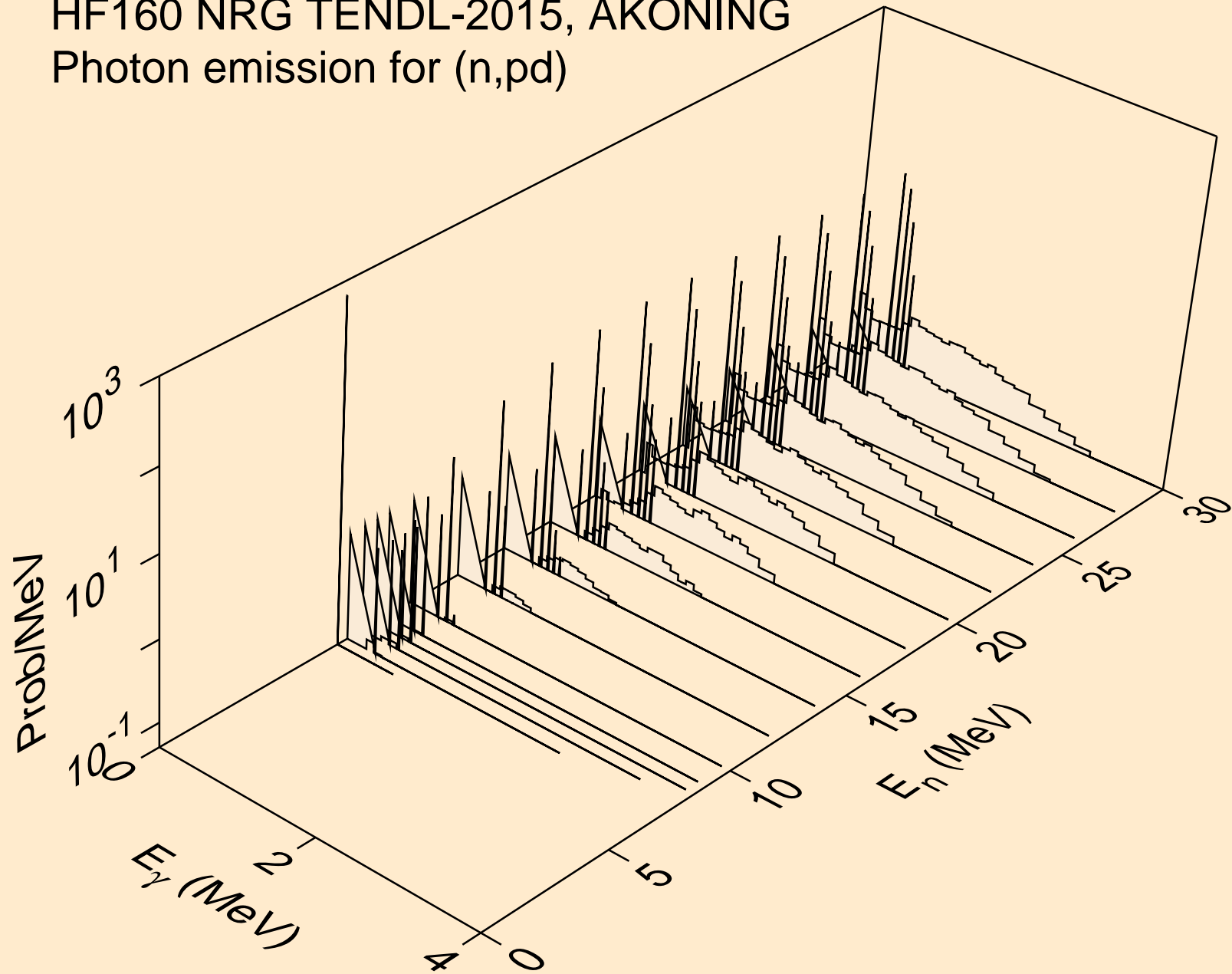
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



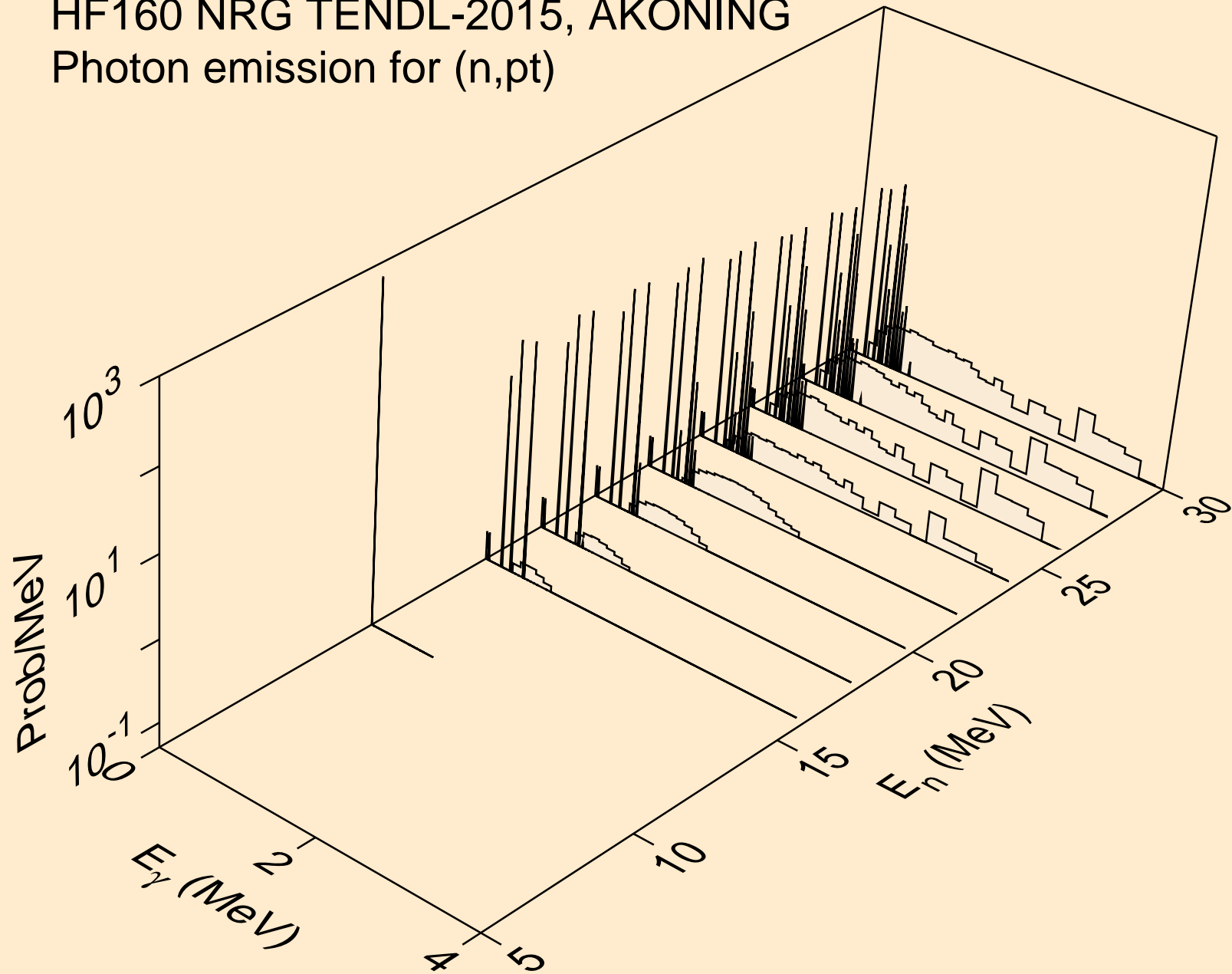
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



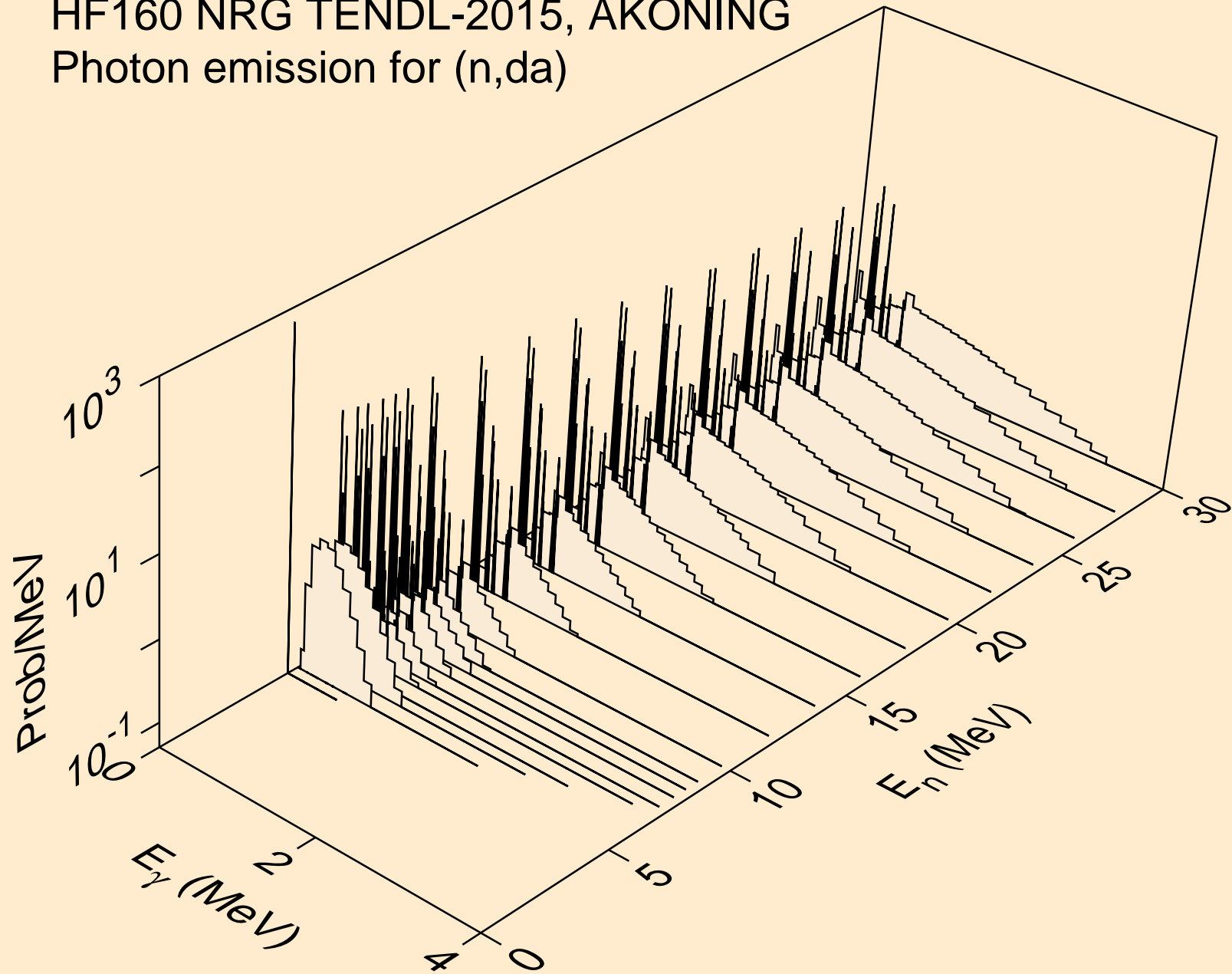
HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

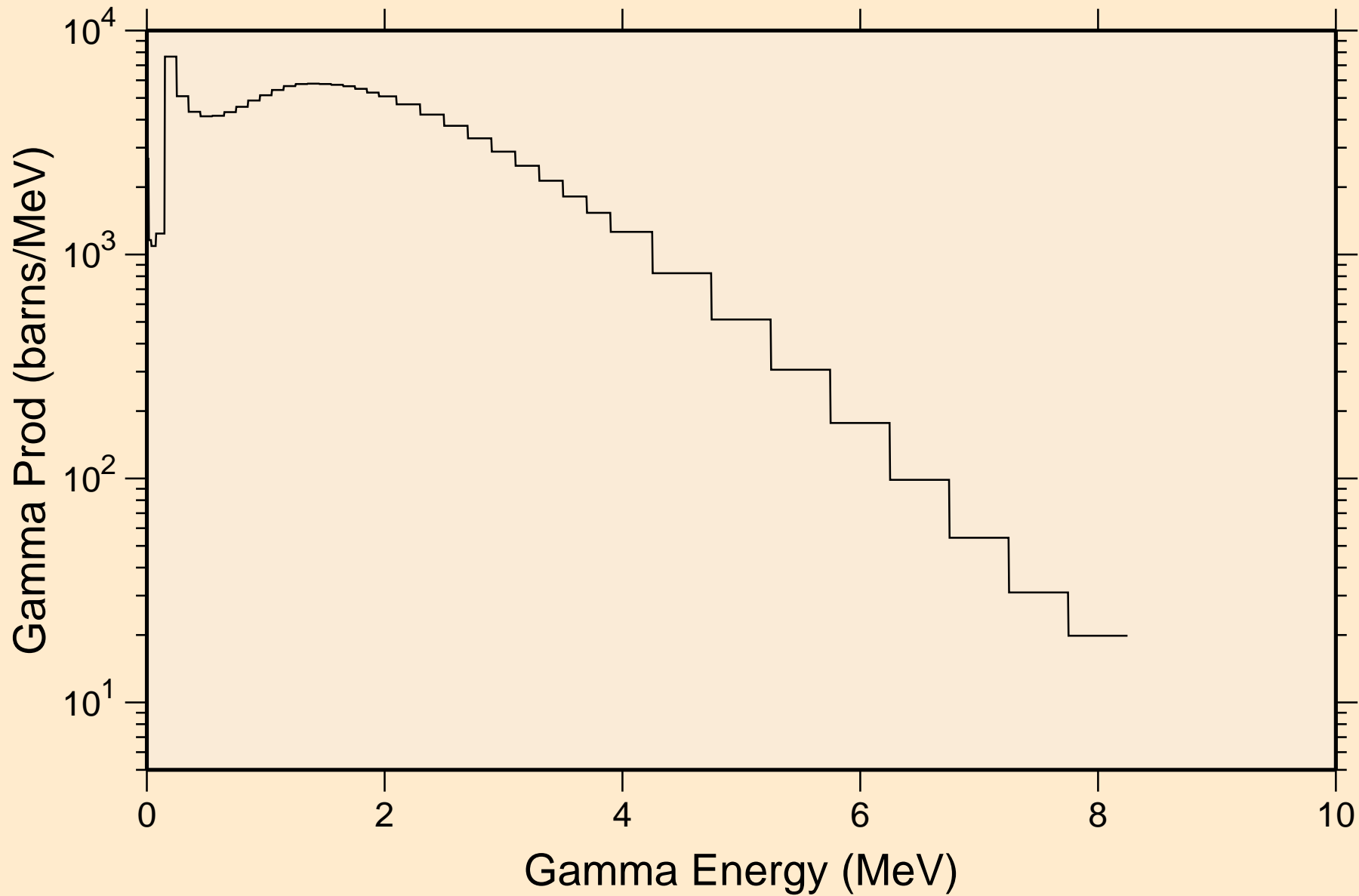


HF160 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

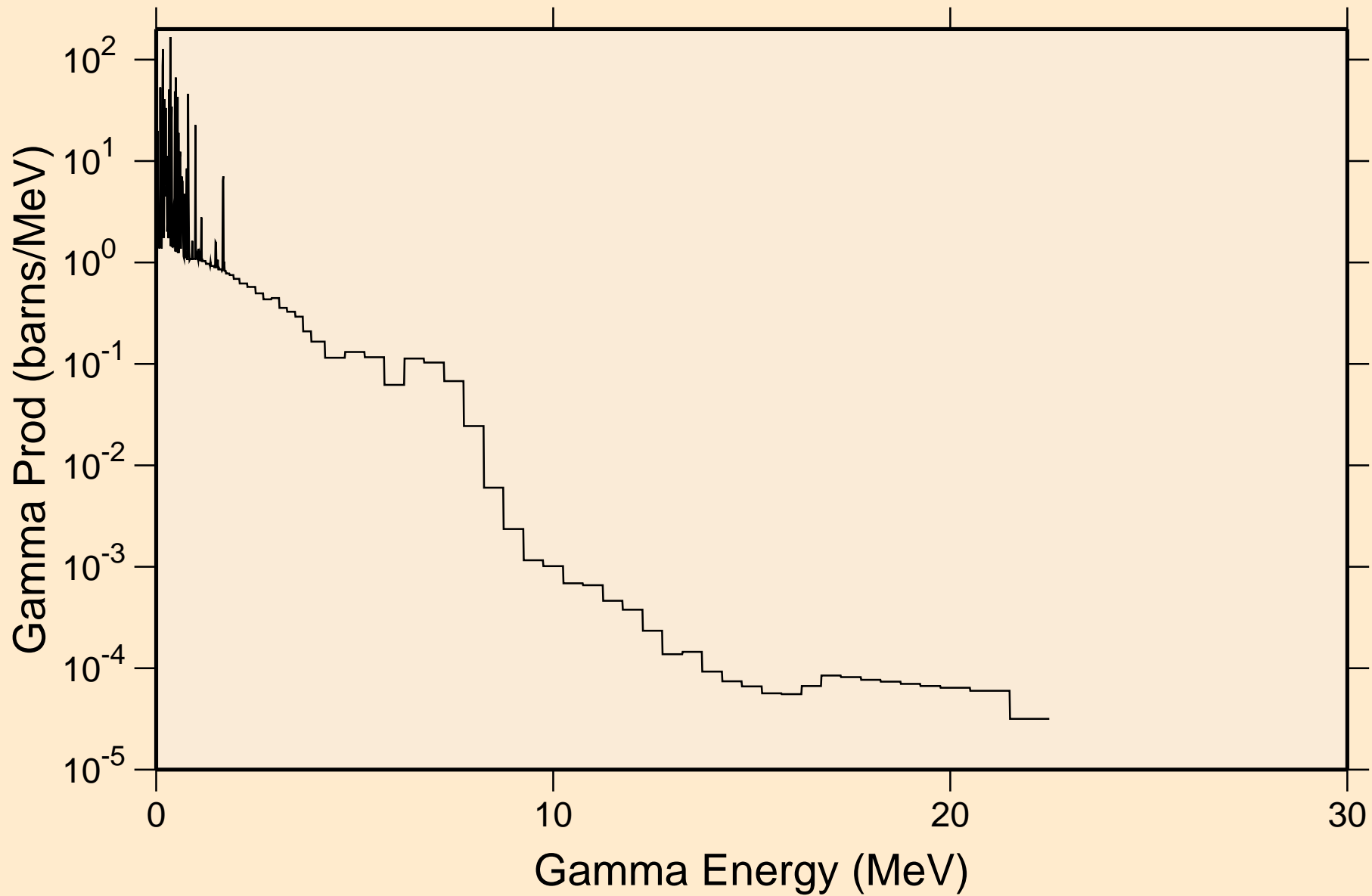




HF160 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

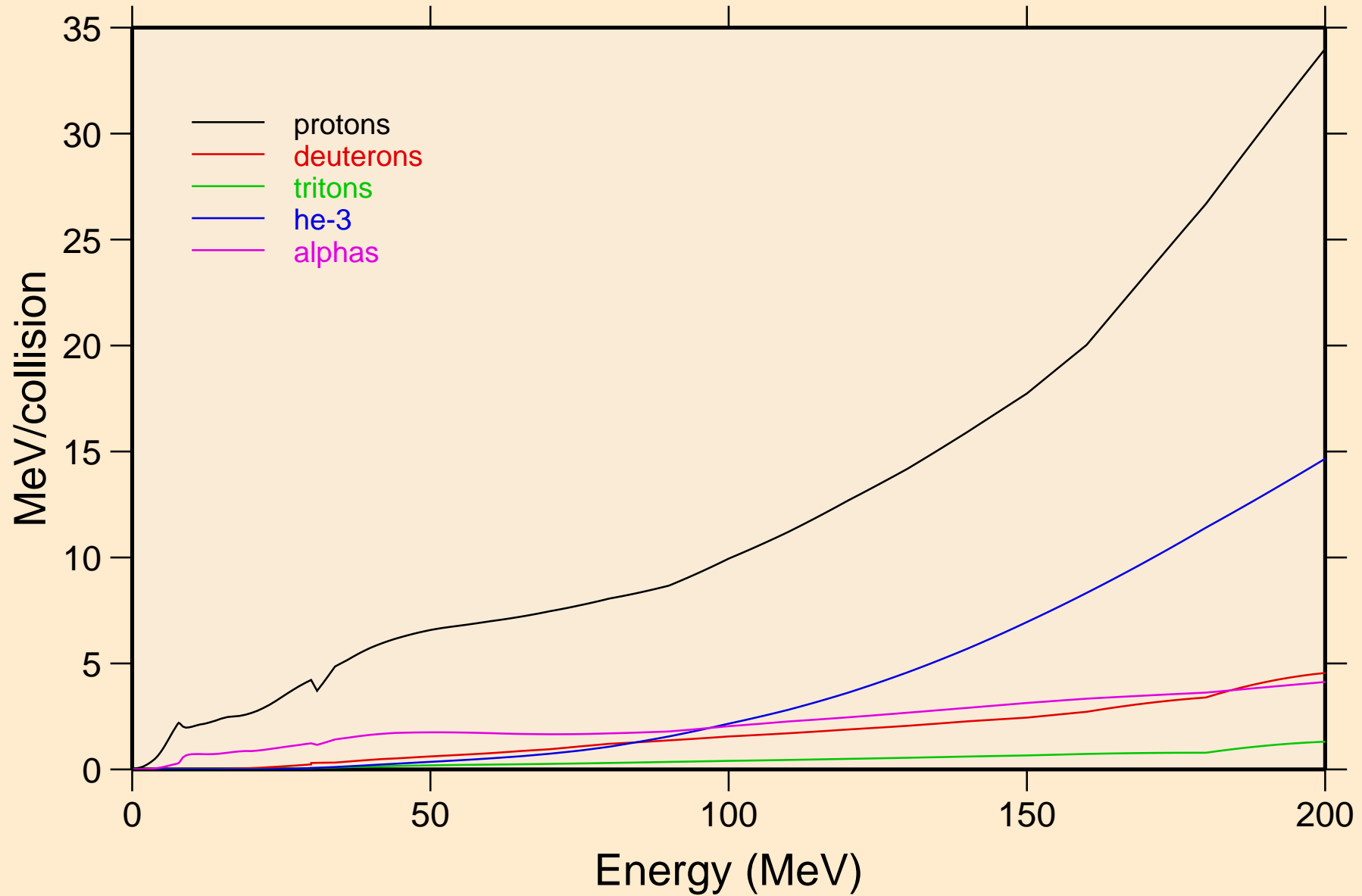


HF160 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



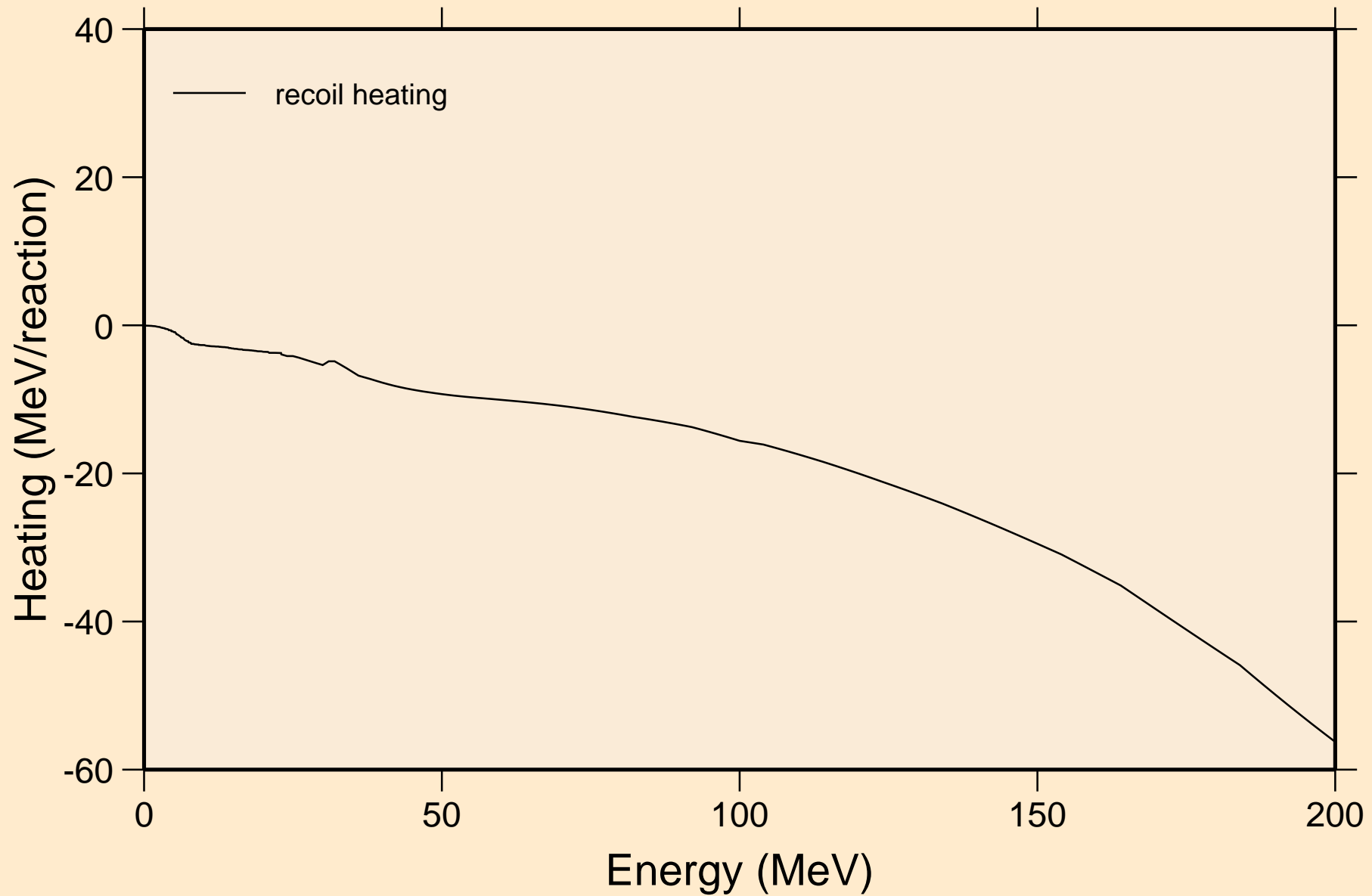
# HF160 NRG TENDL-2015, AKONING

## Particle heating contributions



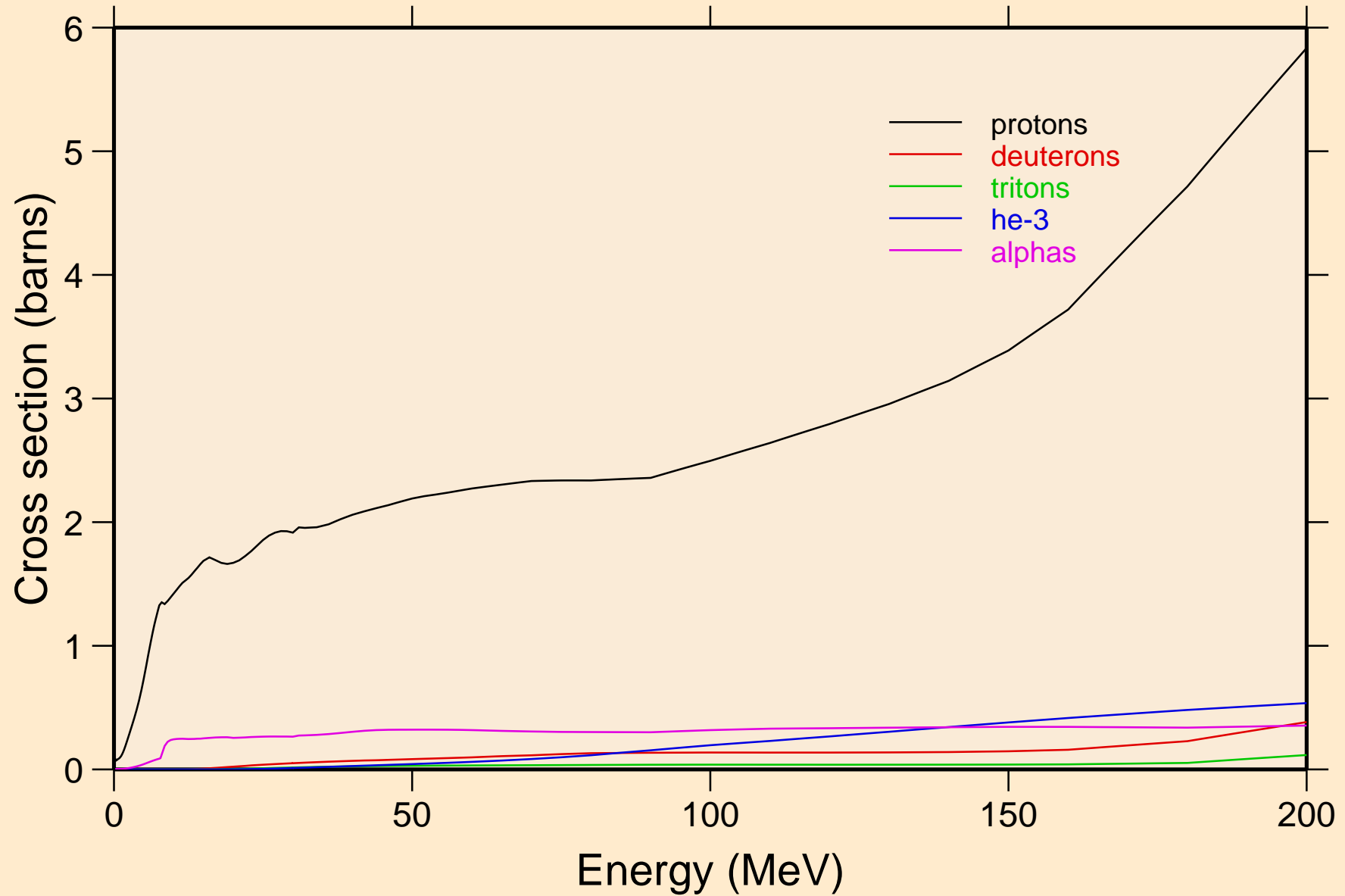
# HF160 NRG TENDL-2015, AKONING

## Recoil Heating

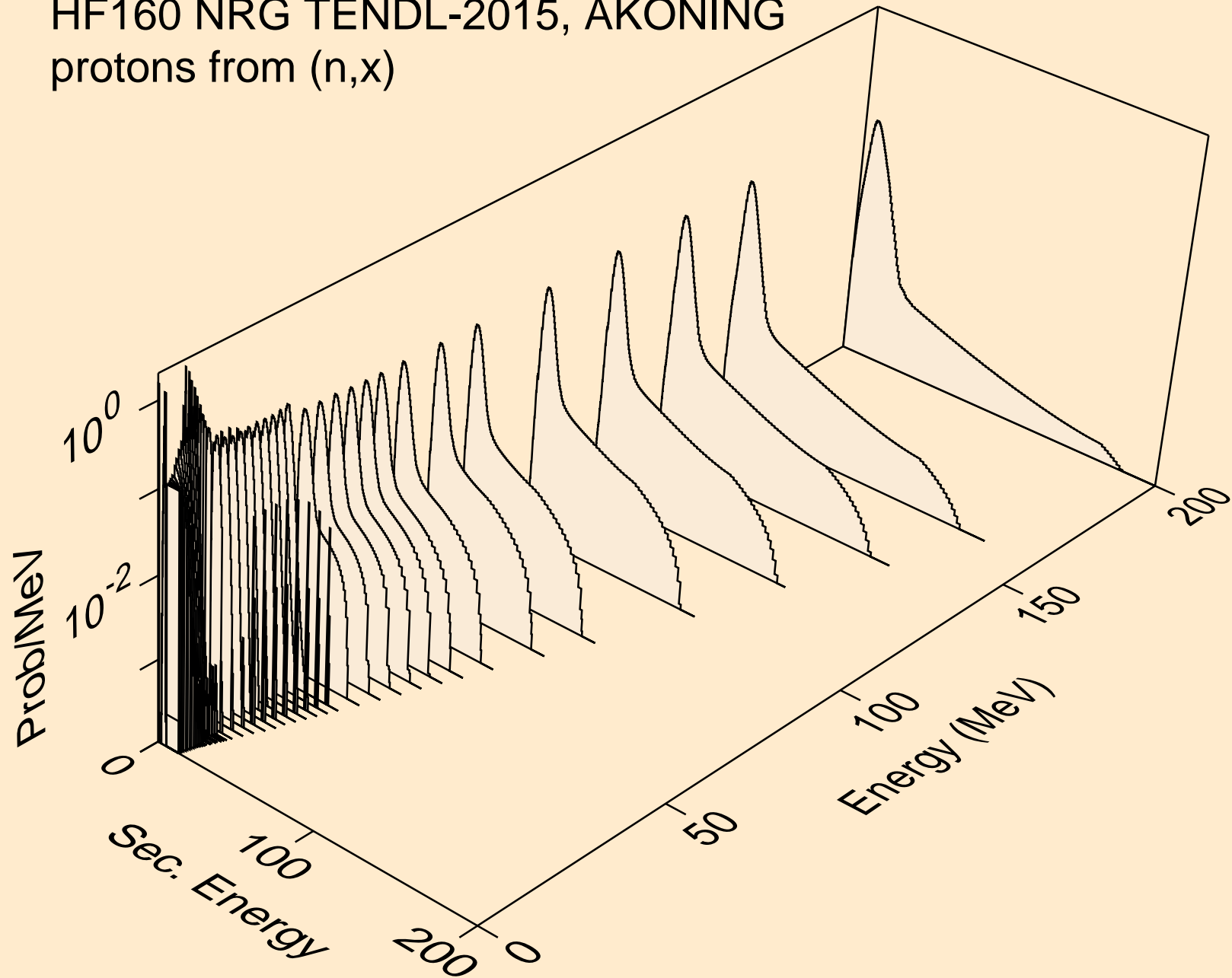


# HF160 NRG TENDL-2015, AKONING

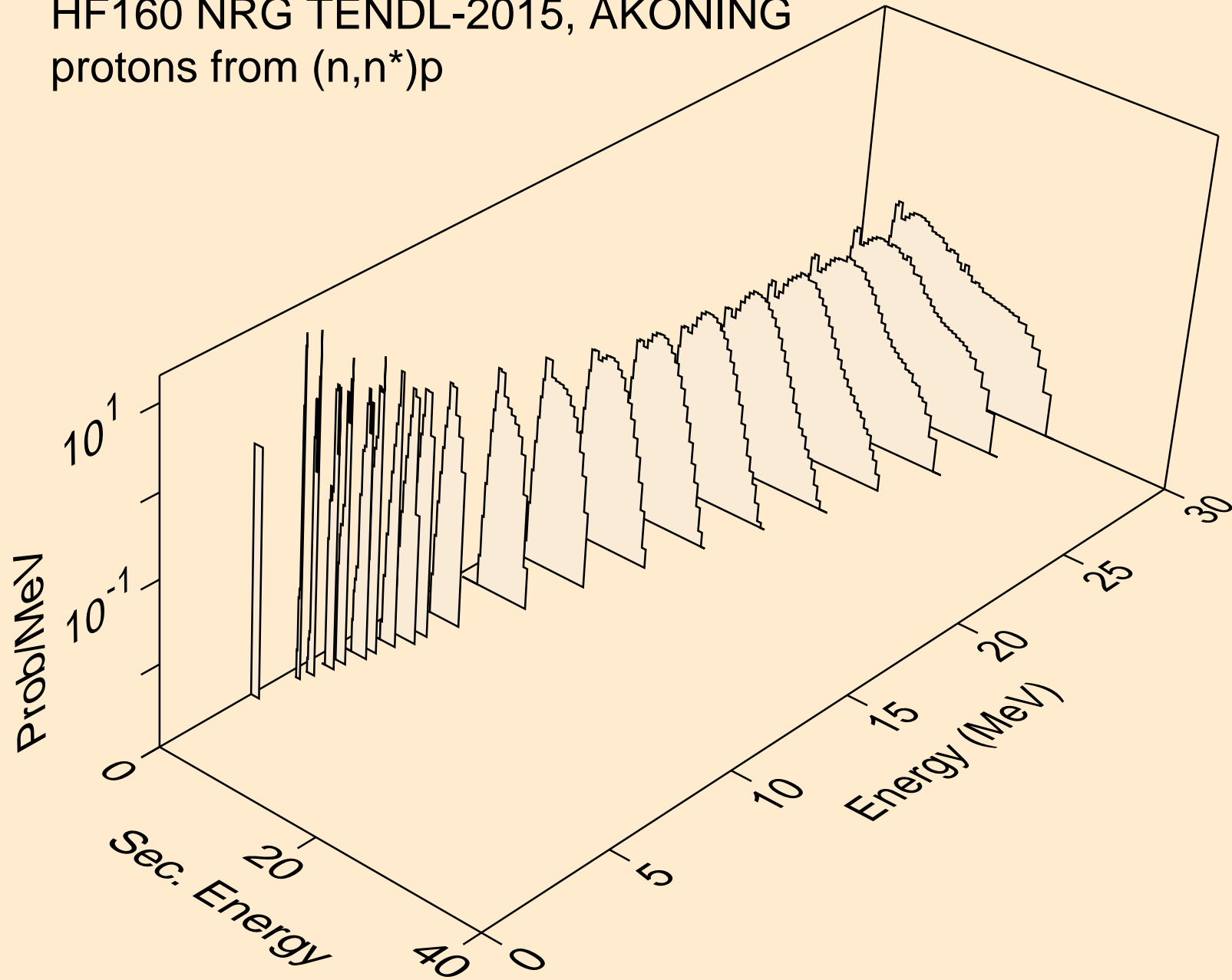
## Particle production cross sections



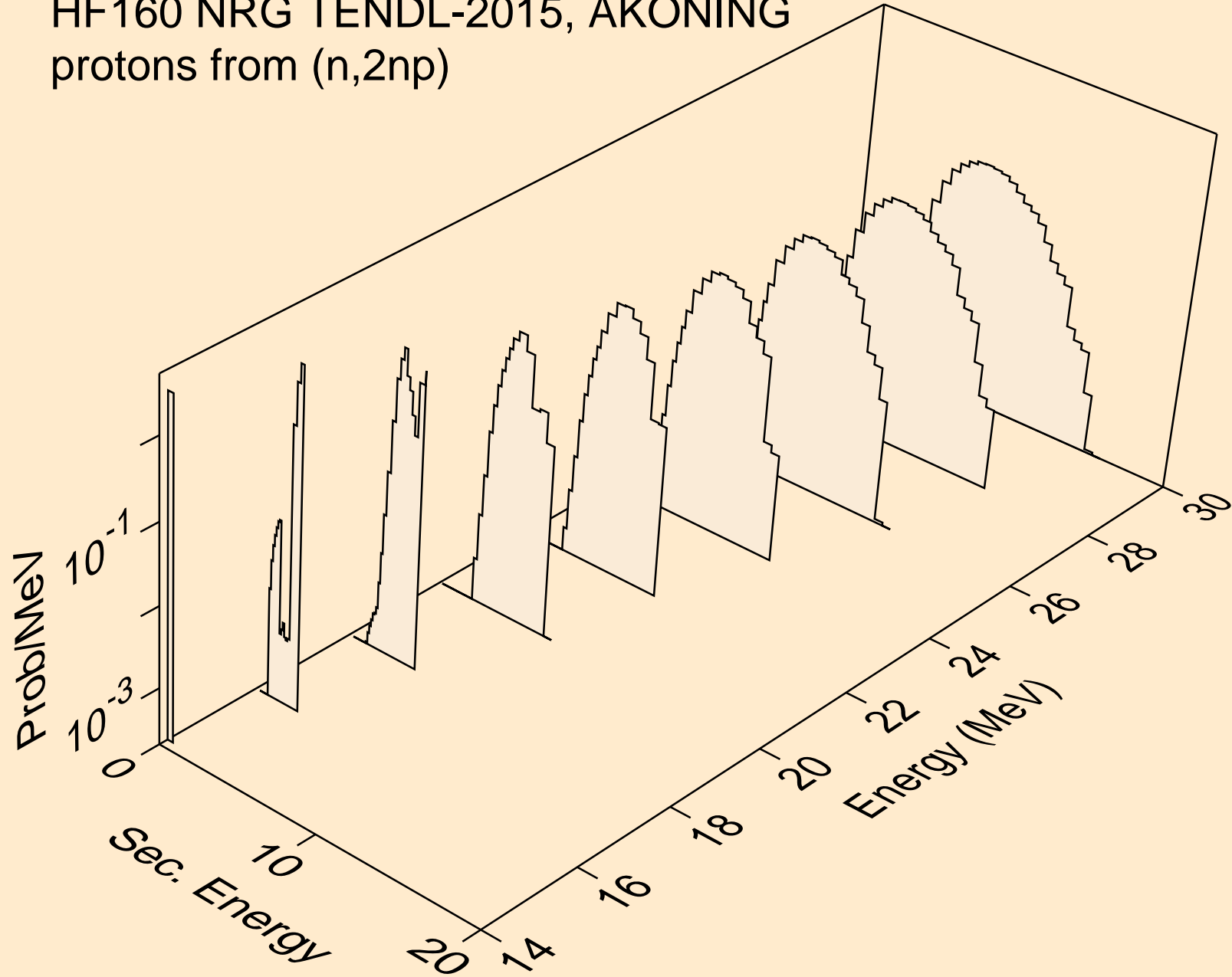
HF160 NRG TENDL-2015, AKONING  
protons from (n,x)



HF160 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

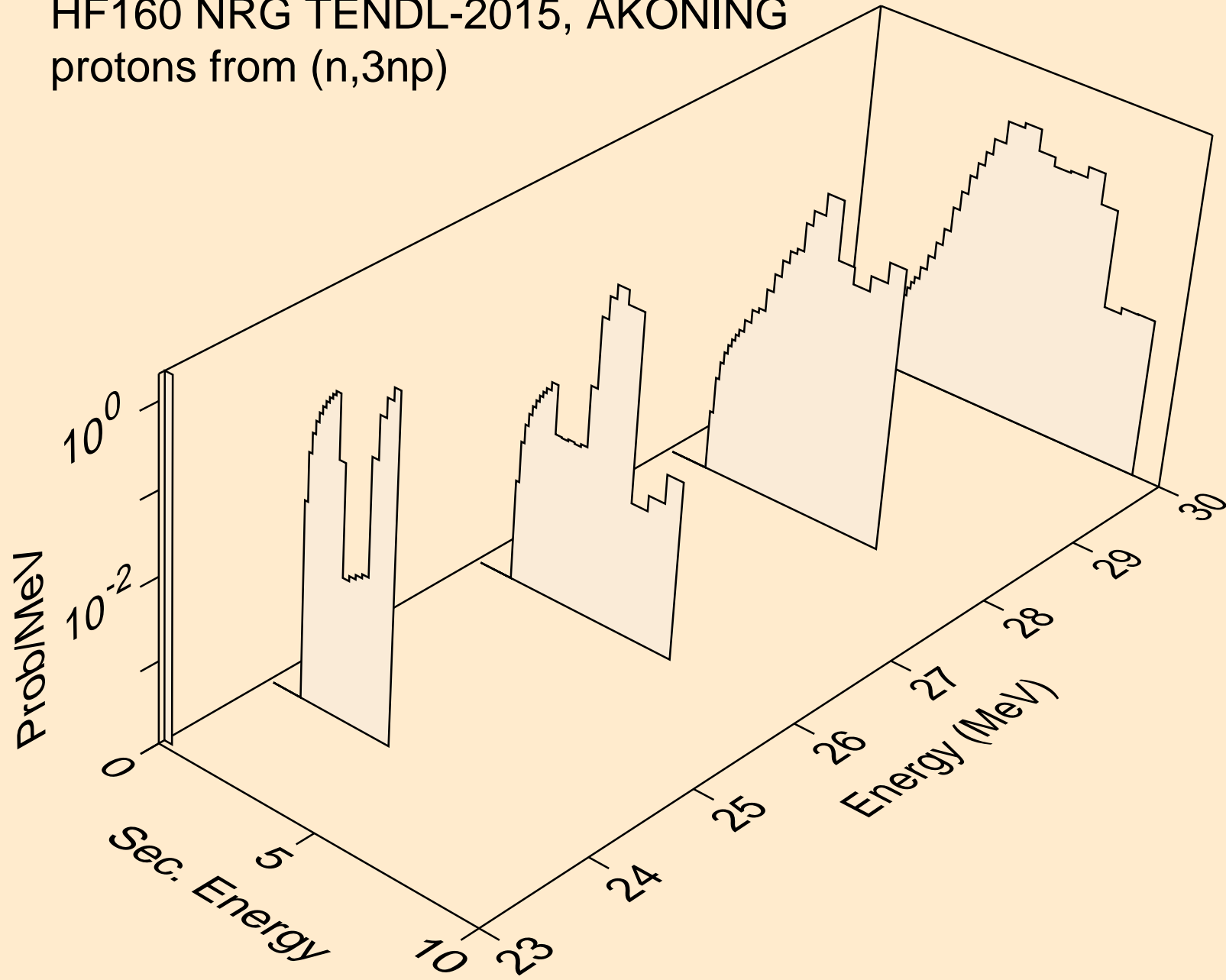


HF160 NRG TENDL-2015, AKONING  
protons from (n,2np)

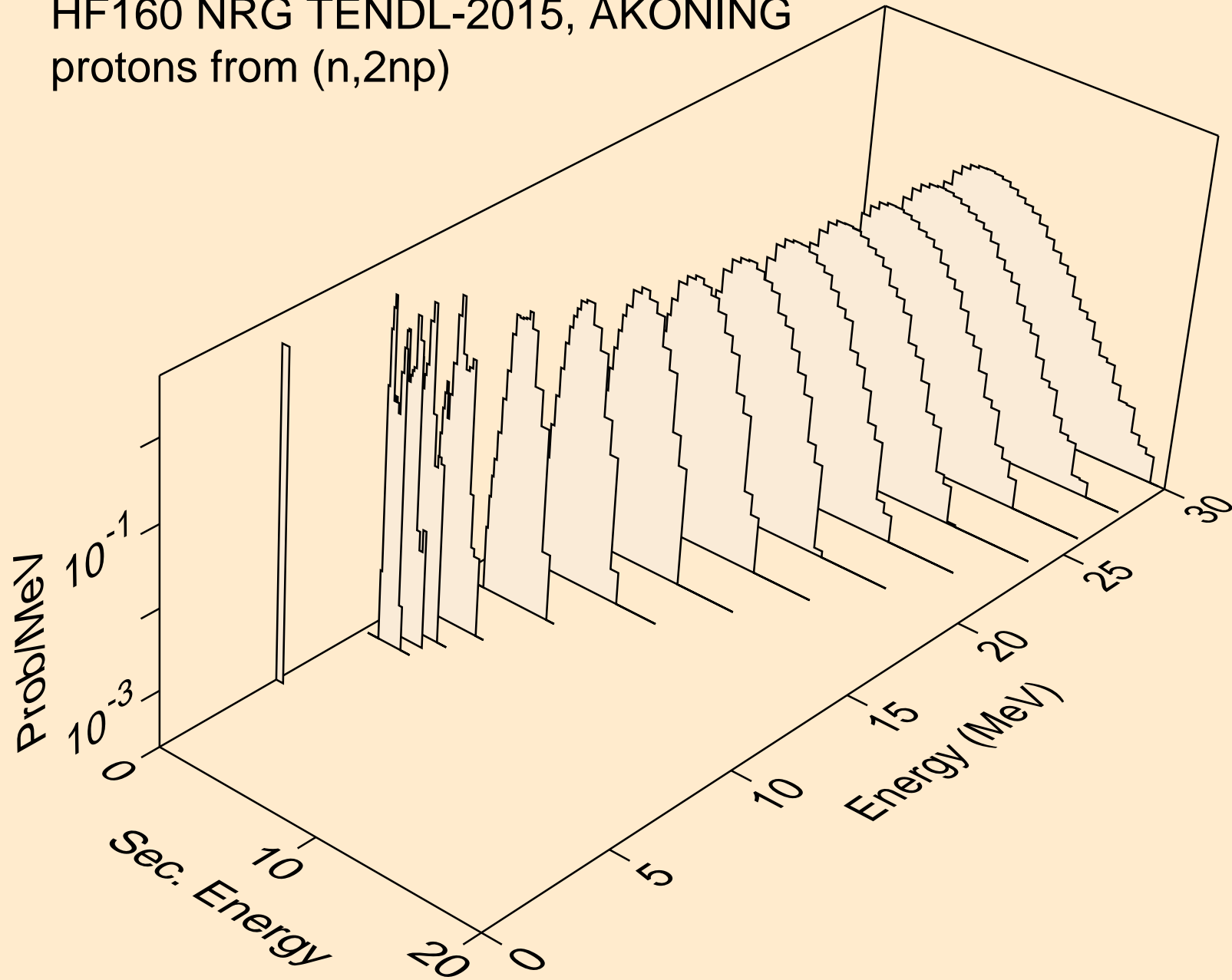




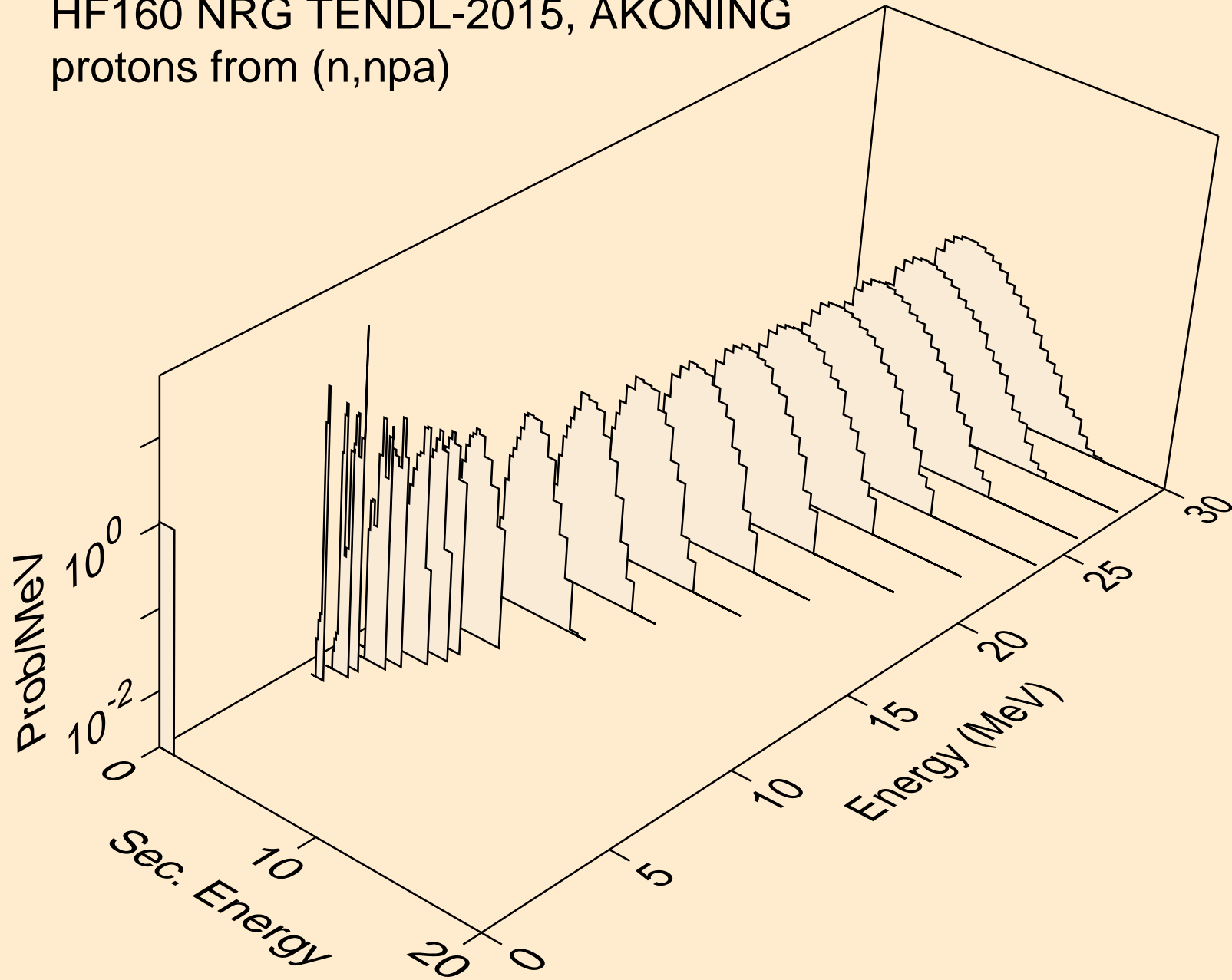
HF160 NRG TENDL-2015, AKONING  
protons from (n,3np)



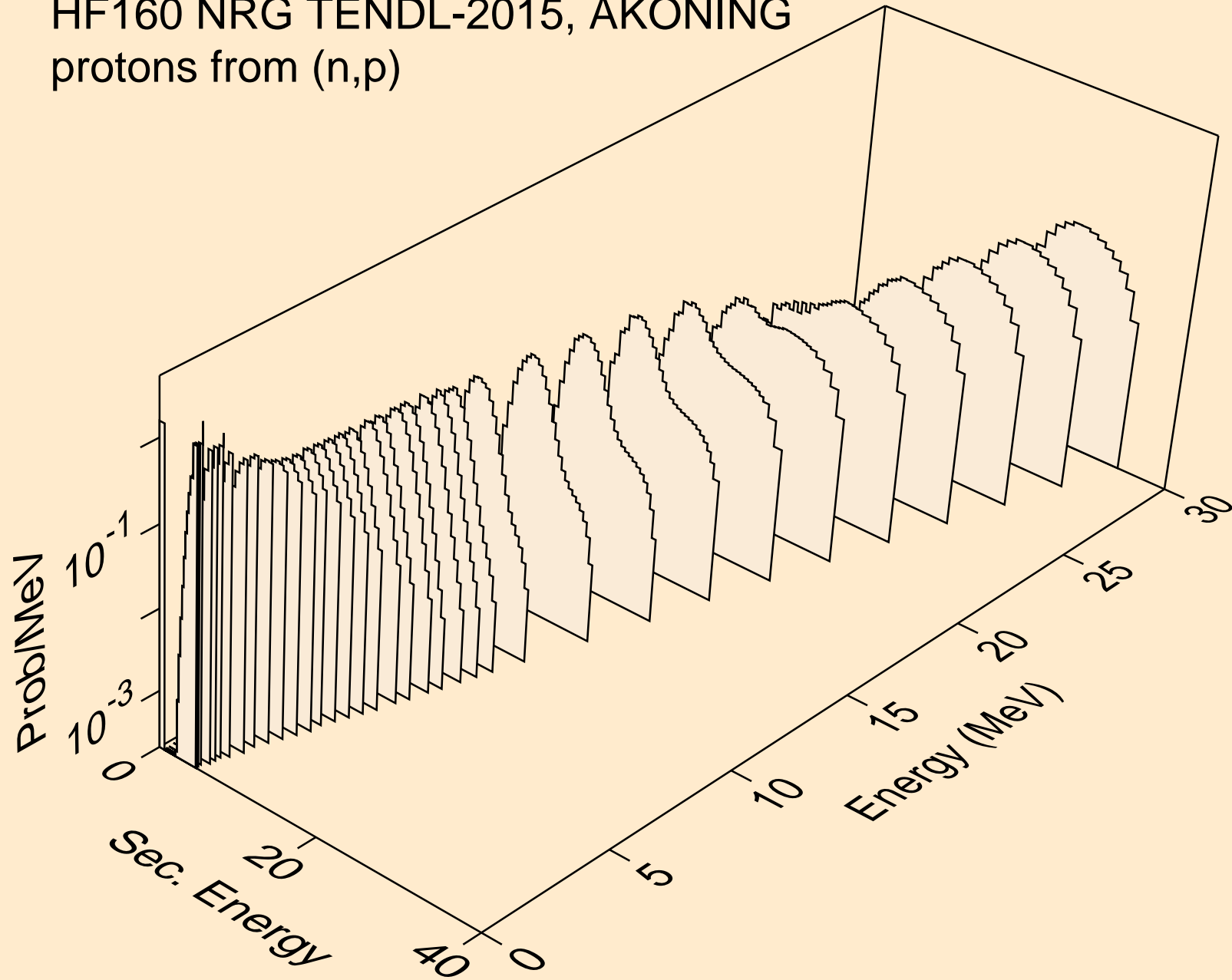
HF160 NRG TENDL-2015, AKONING  
protons from (n,2np)



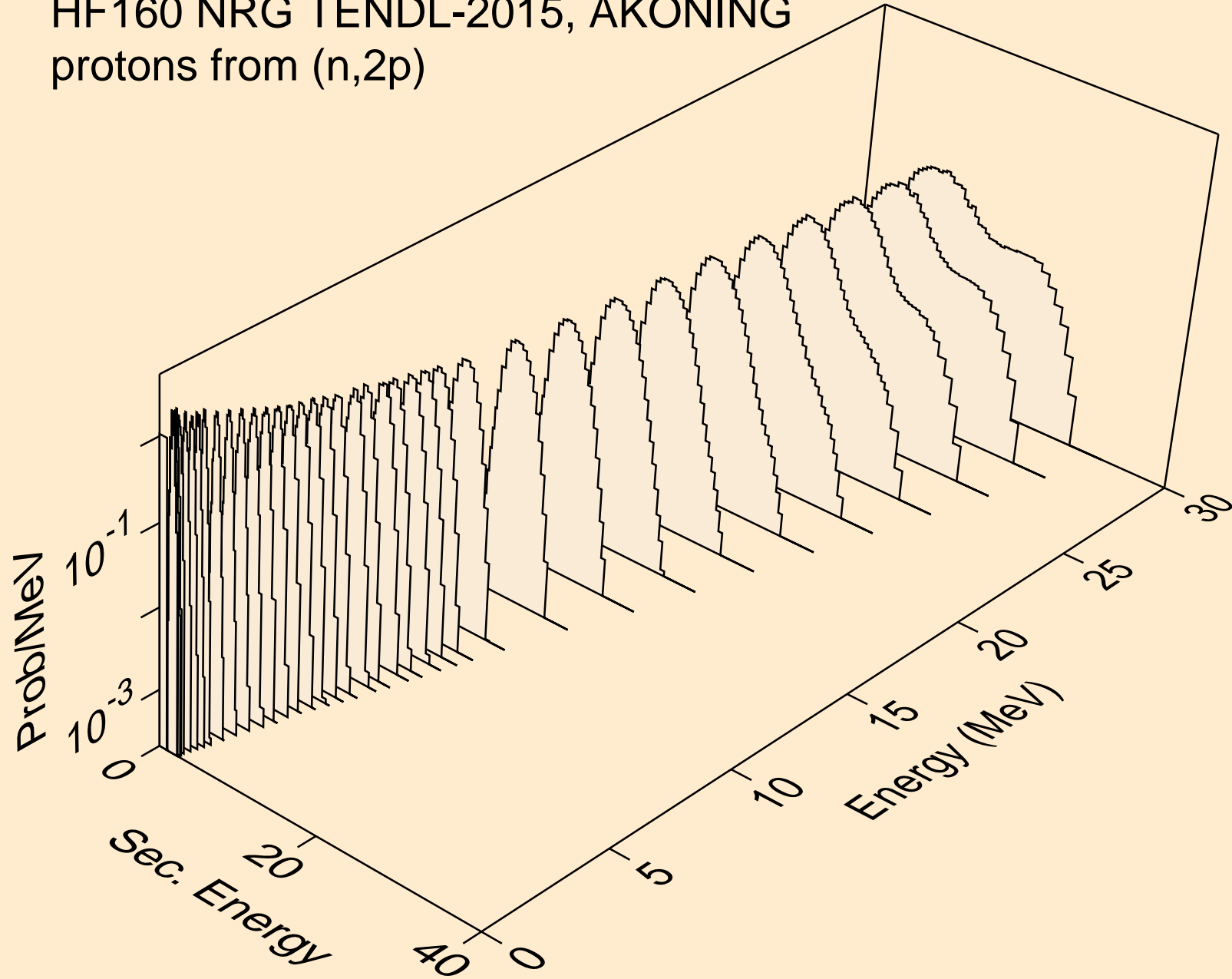
HF160 NRG TENDL-2015, AKONING  
protons from (n,npa)



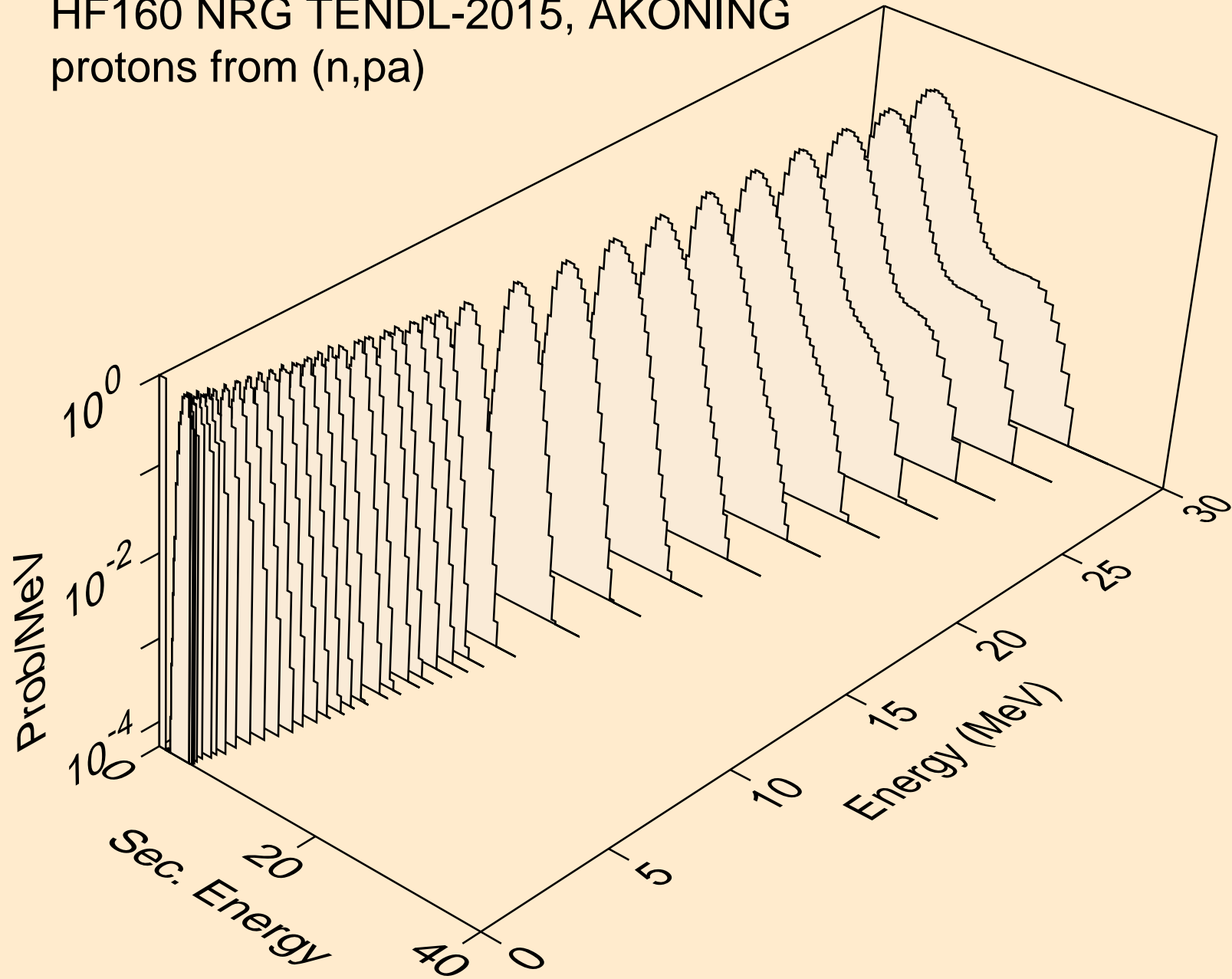
HF160 NRG TENDL-2015, AKONING  
protons from (n,p)



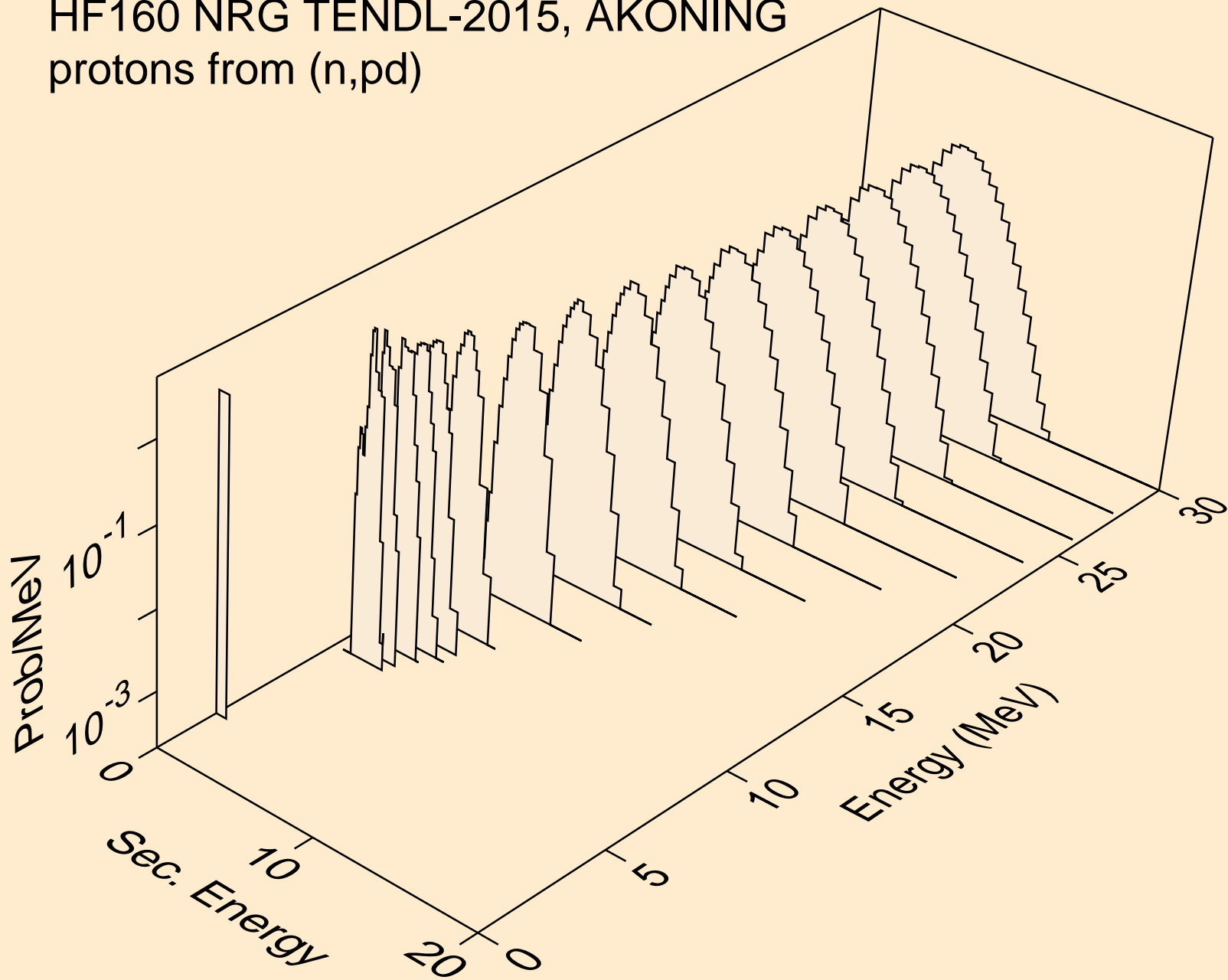
HF160 NRG TENDL-2015, AKONING  
protons from (n,2p)



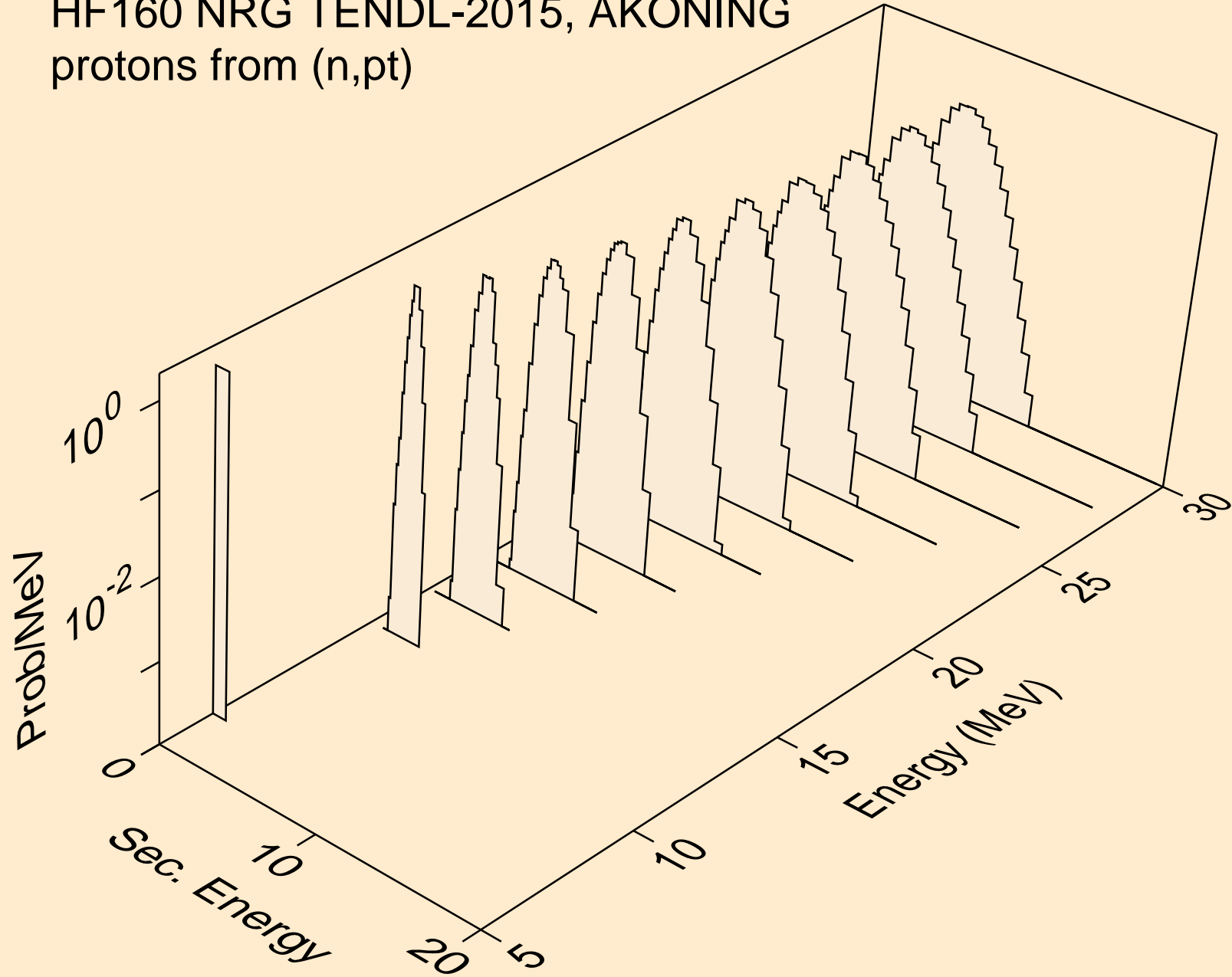
HF160 NRG TENDL-2015, AKONING  
protons from (n,pa)



HF160 NRG TENDL-2015, AKONING  
protons from (n,pd)

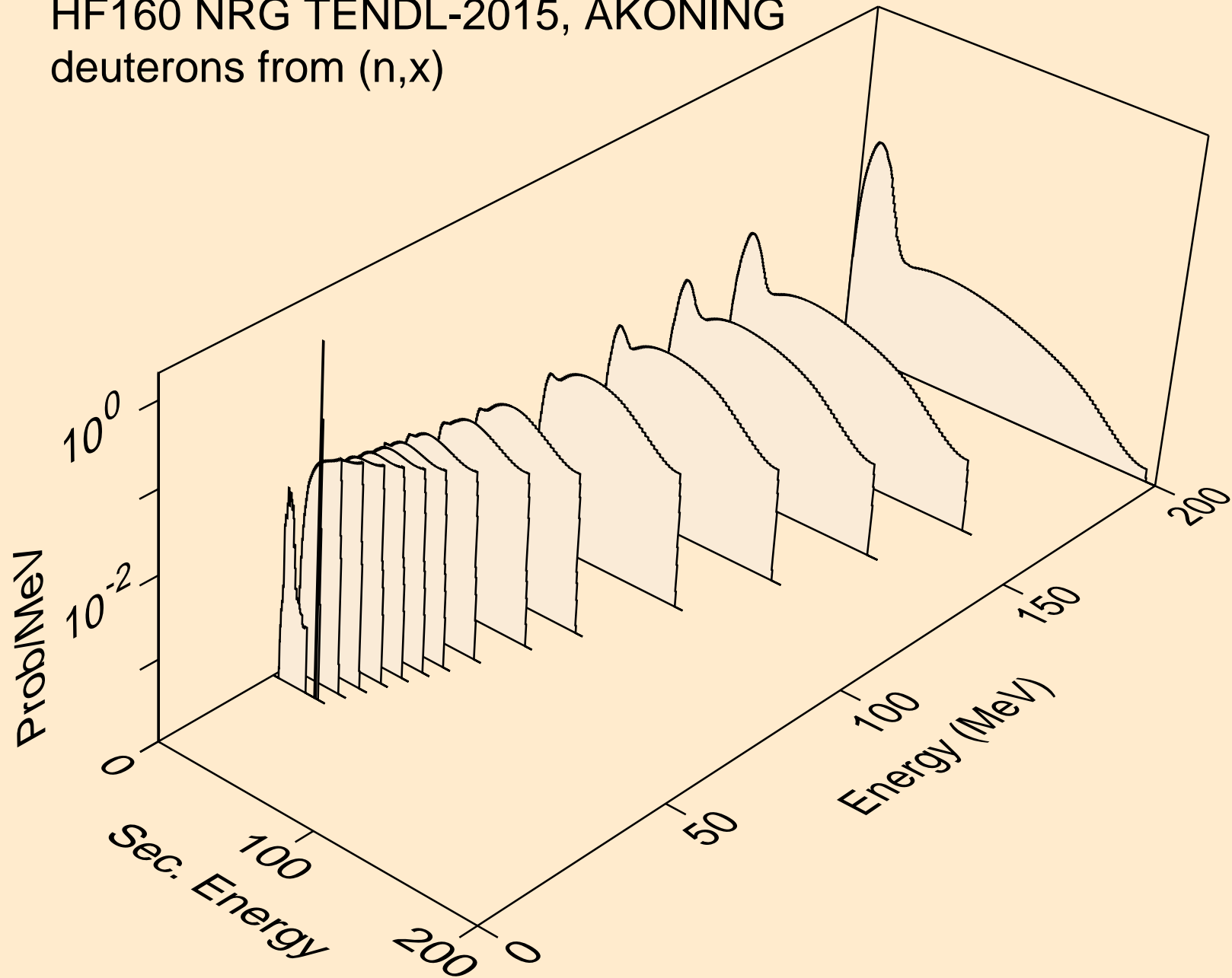


HF160 NRG TENDL-2015, AKONING  
protons from (n,pt)

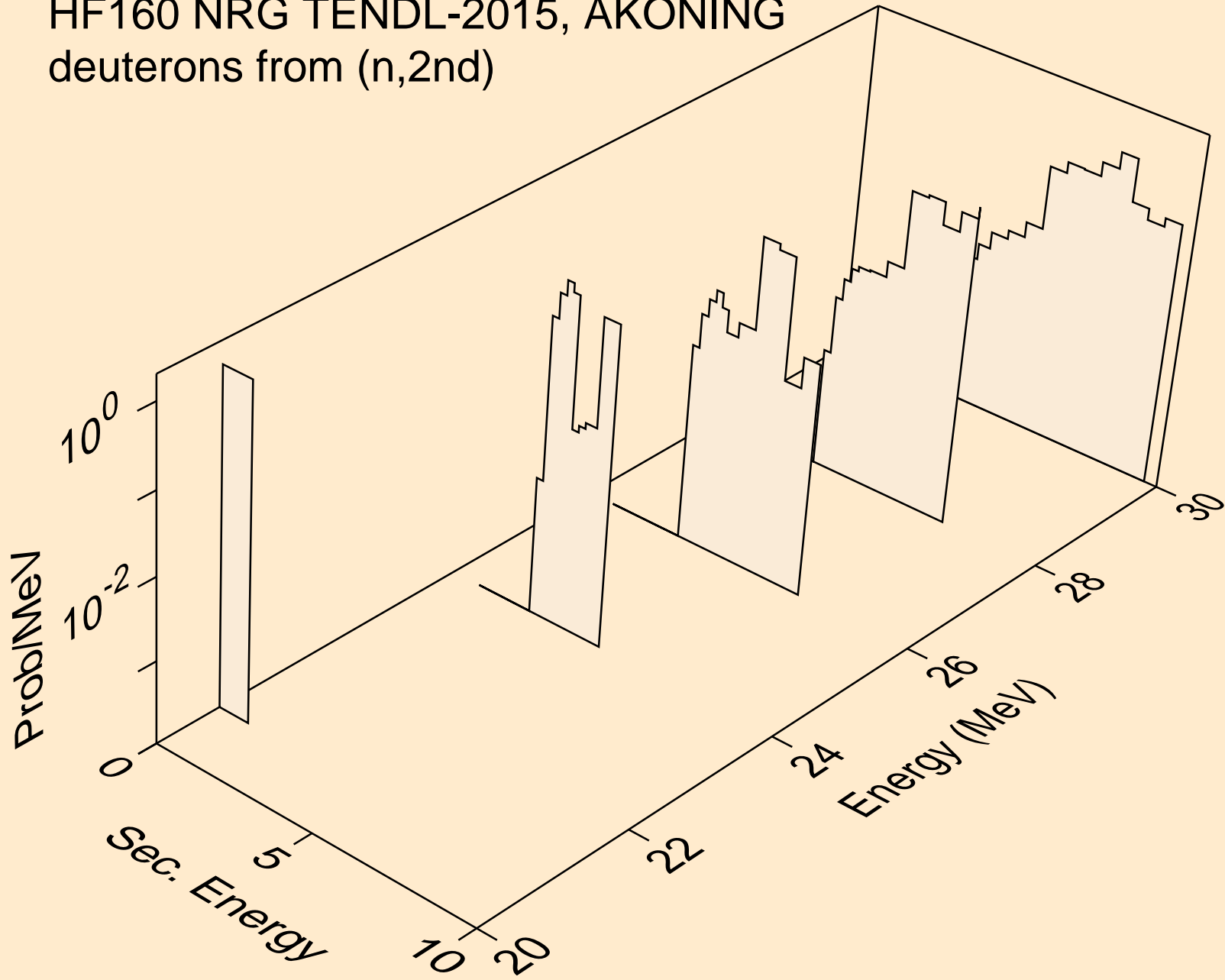




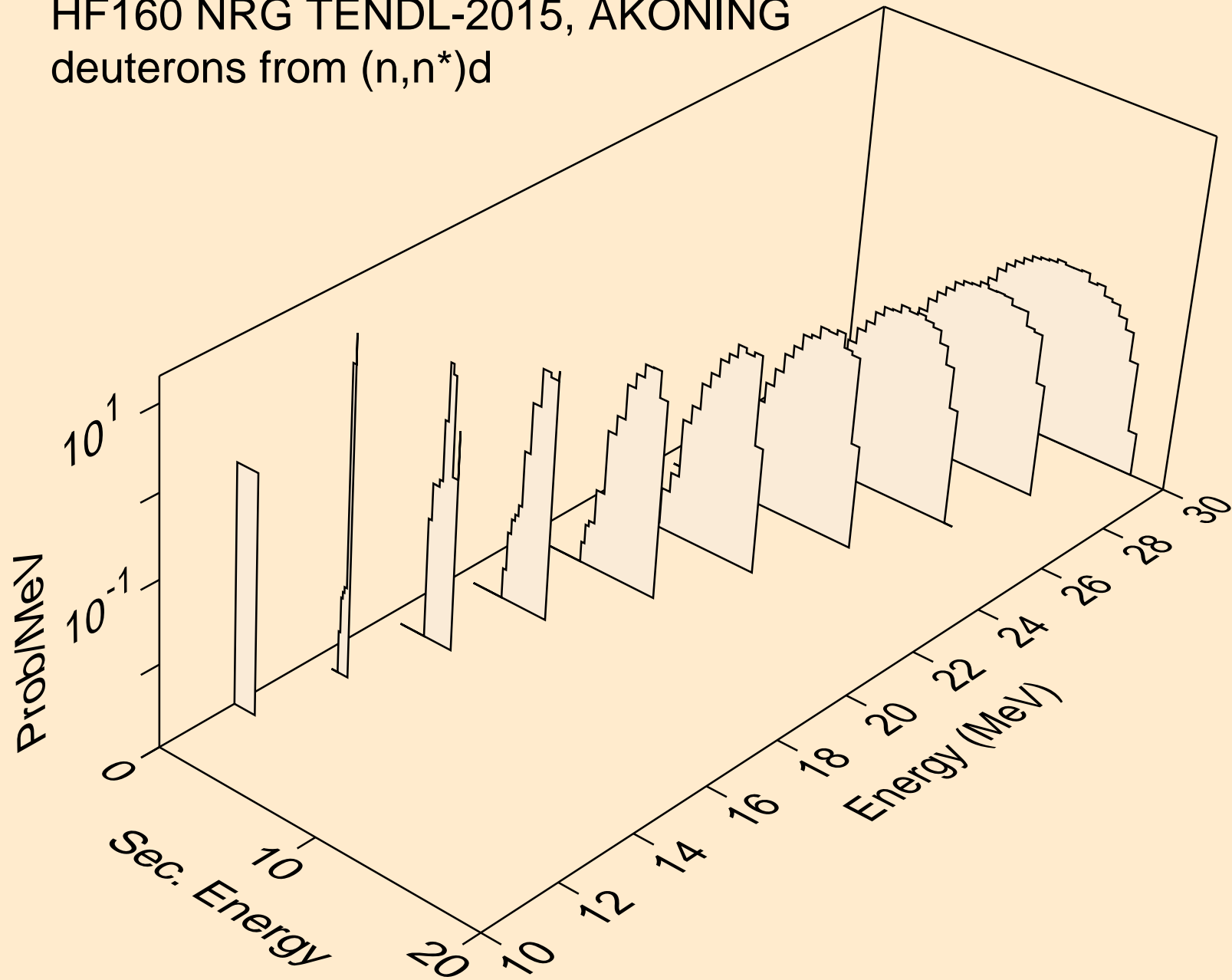
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,x)



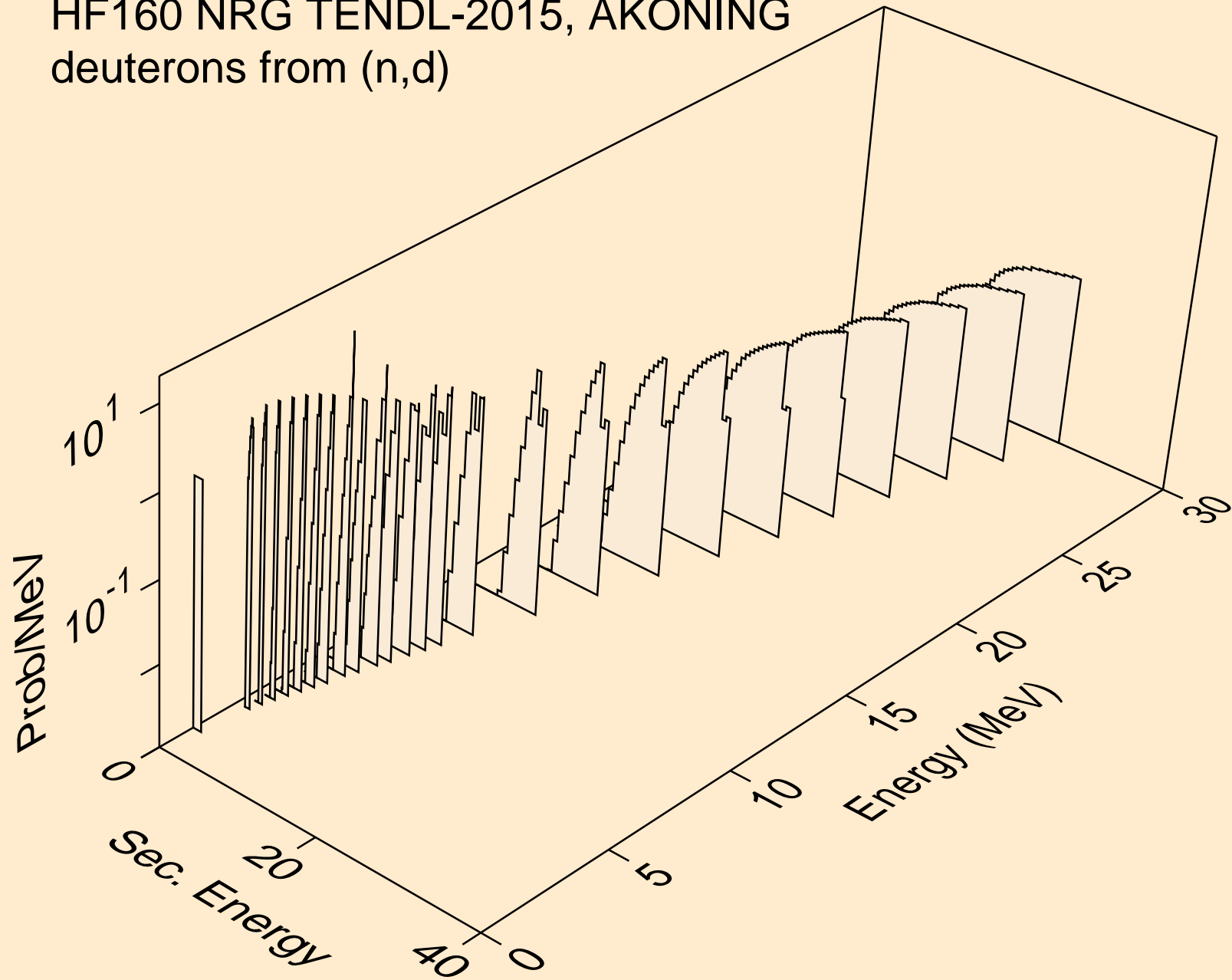
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



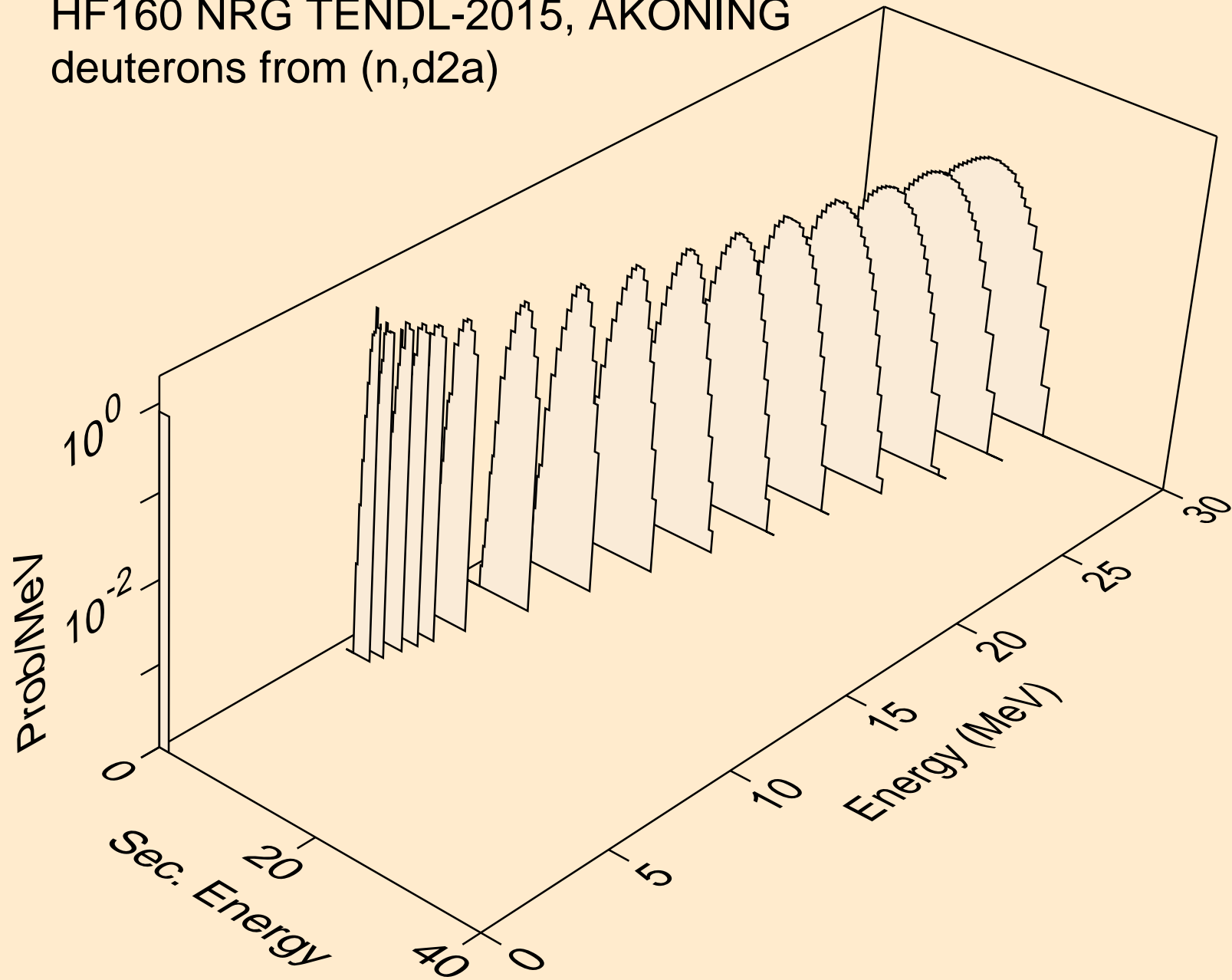
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



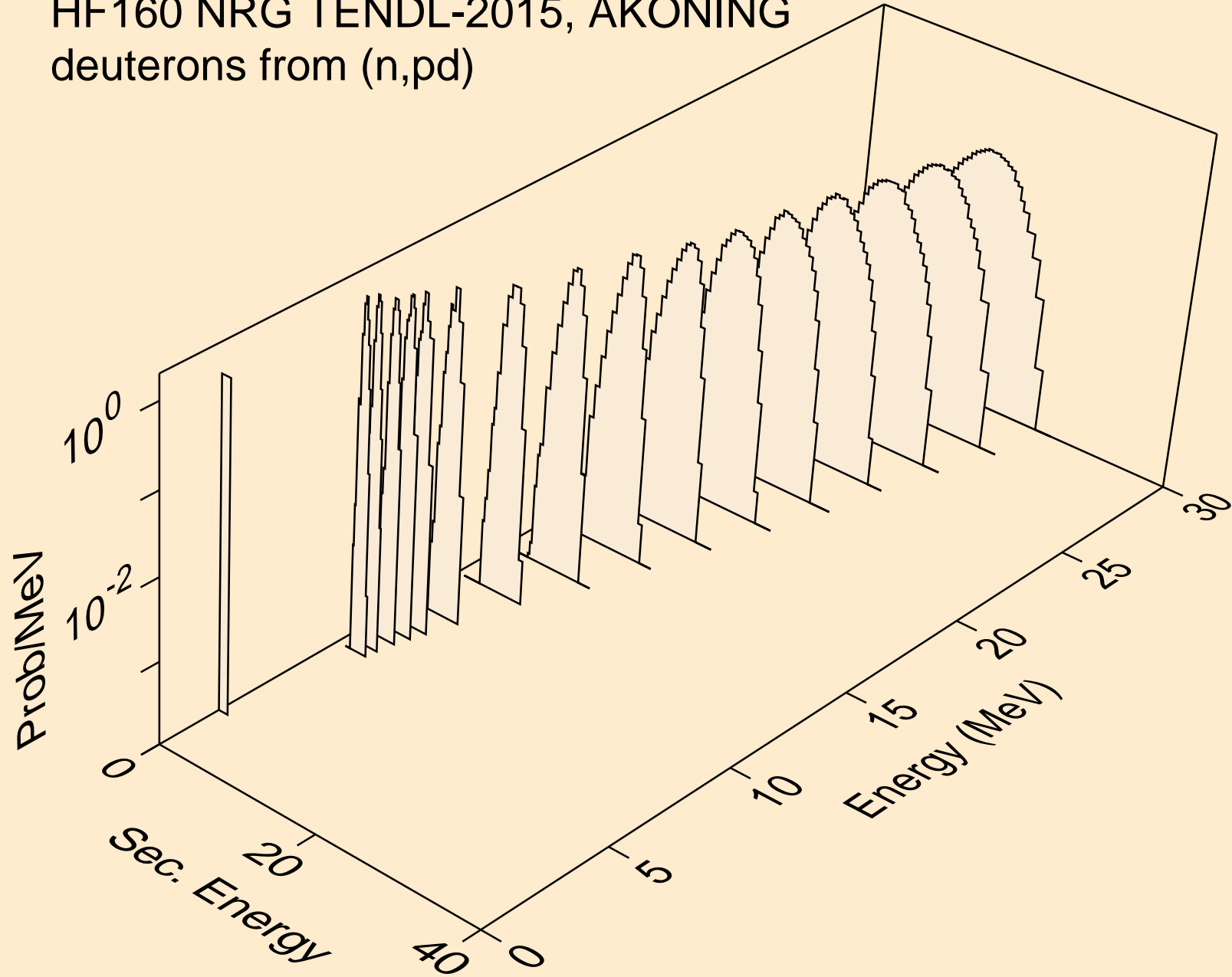
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,d)



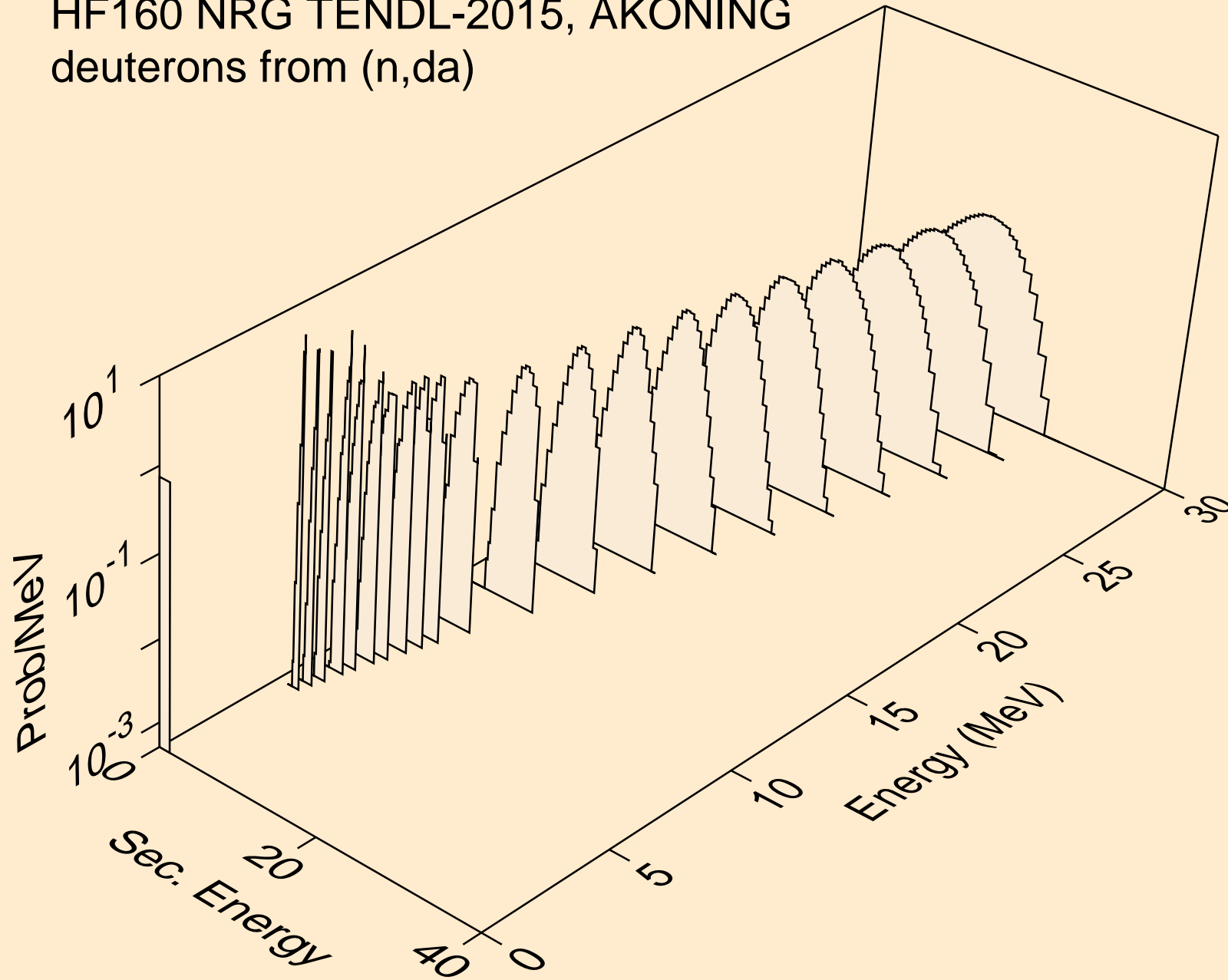
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



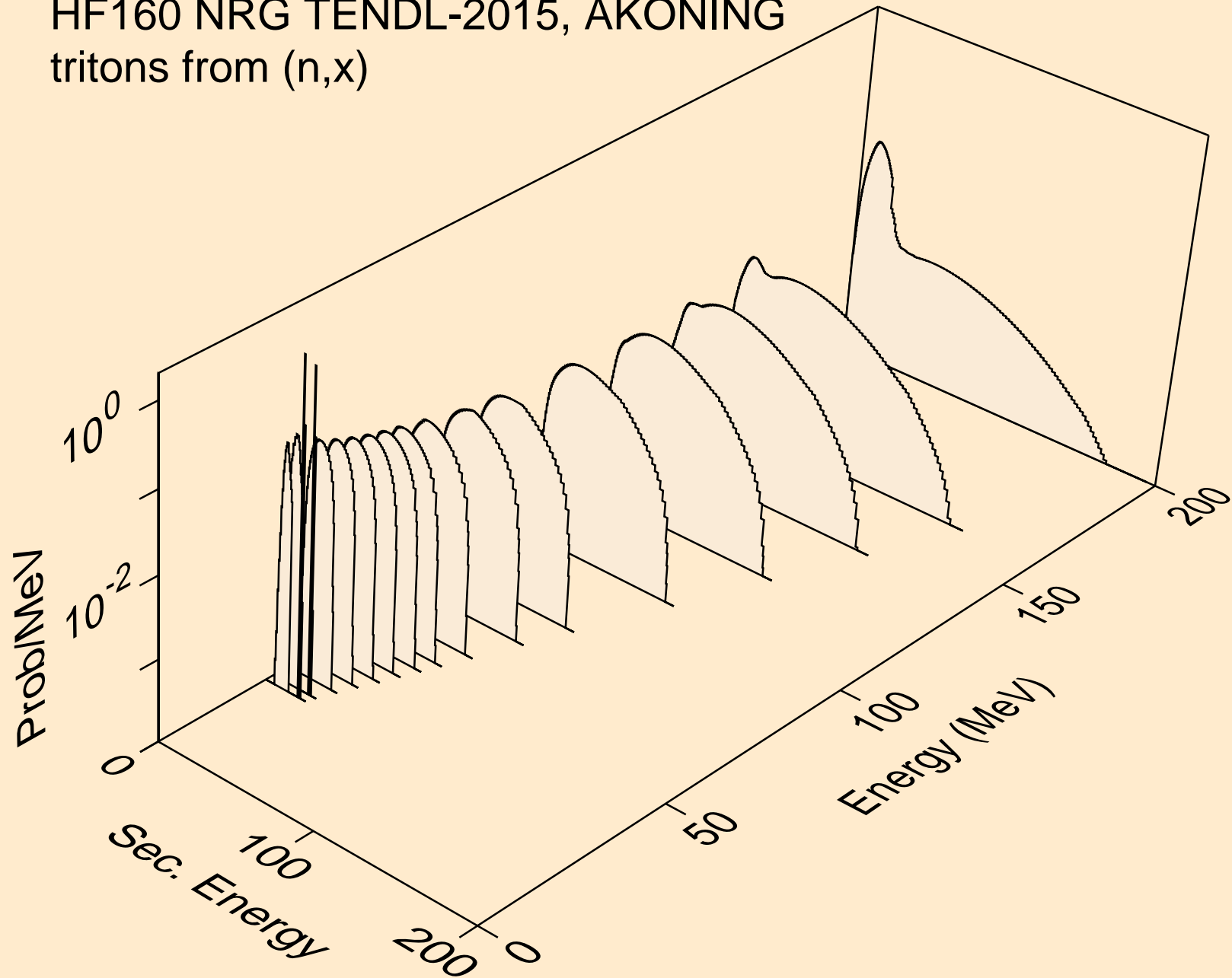
HF160 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



HF160 NRG TENDL-2015, AKONING  
deuterons from (n,da)

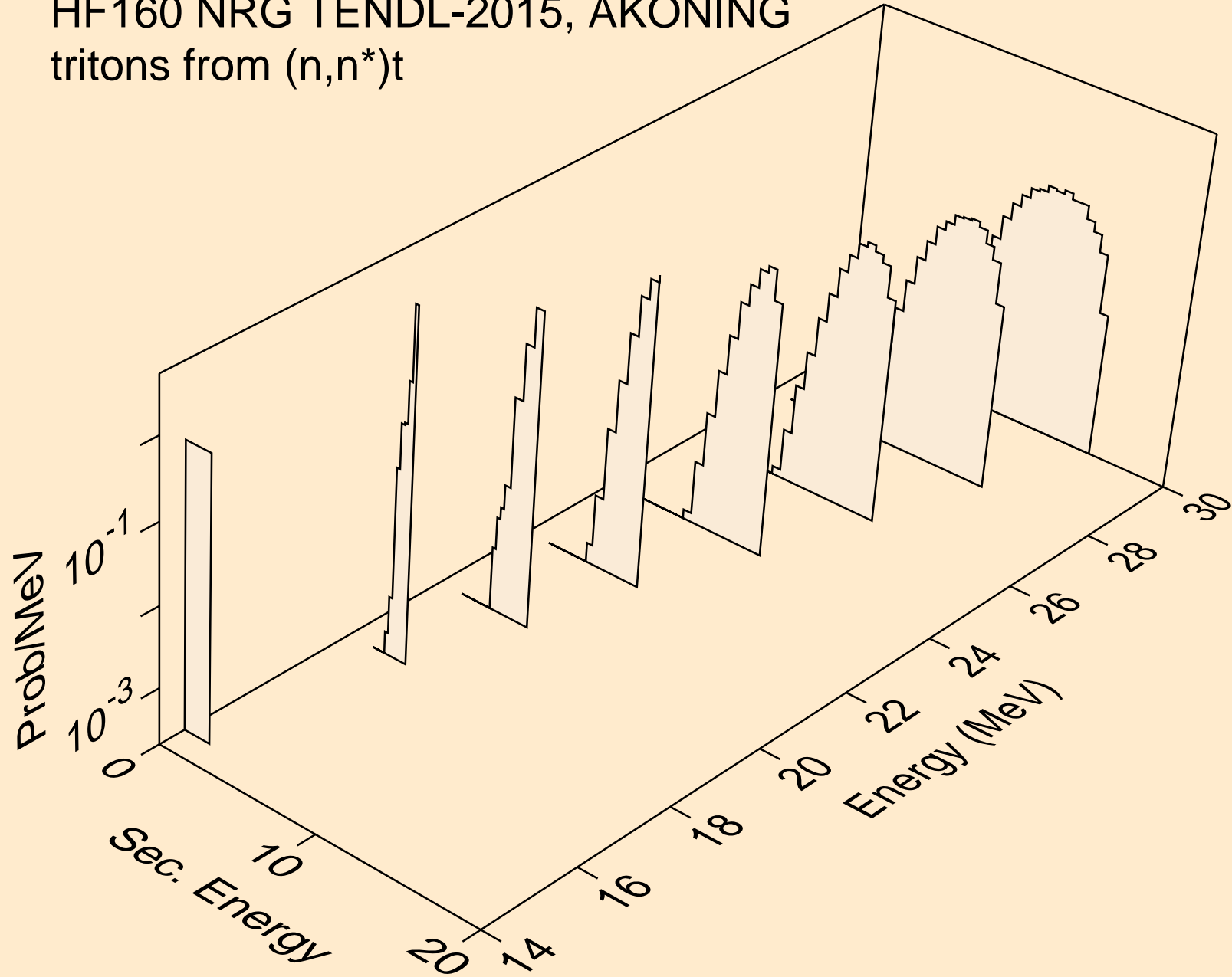


HF160 NRG TENDL-2015, AKONING  
tritons from (n,x)

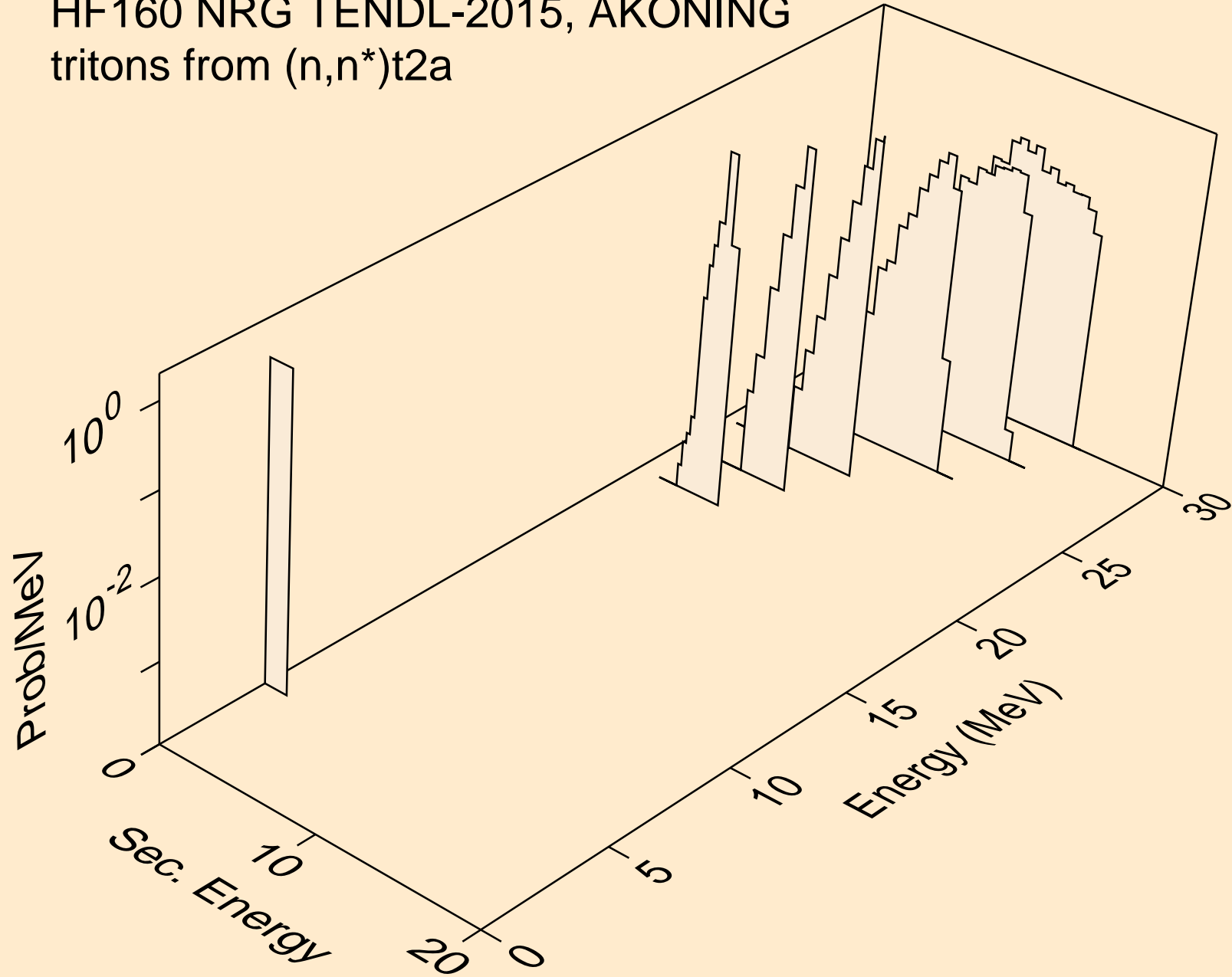




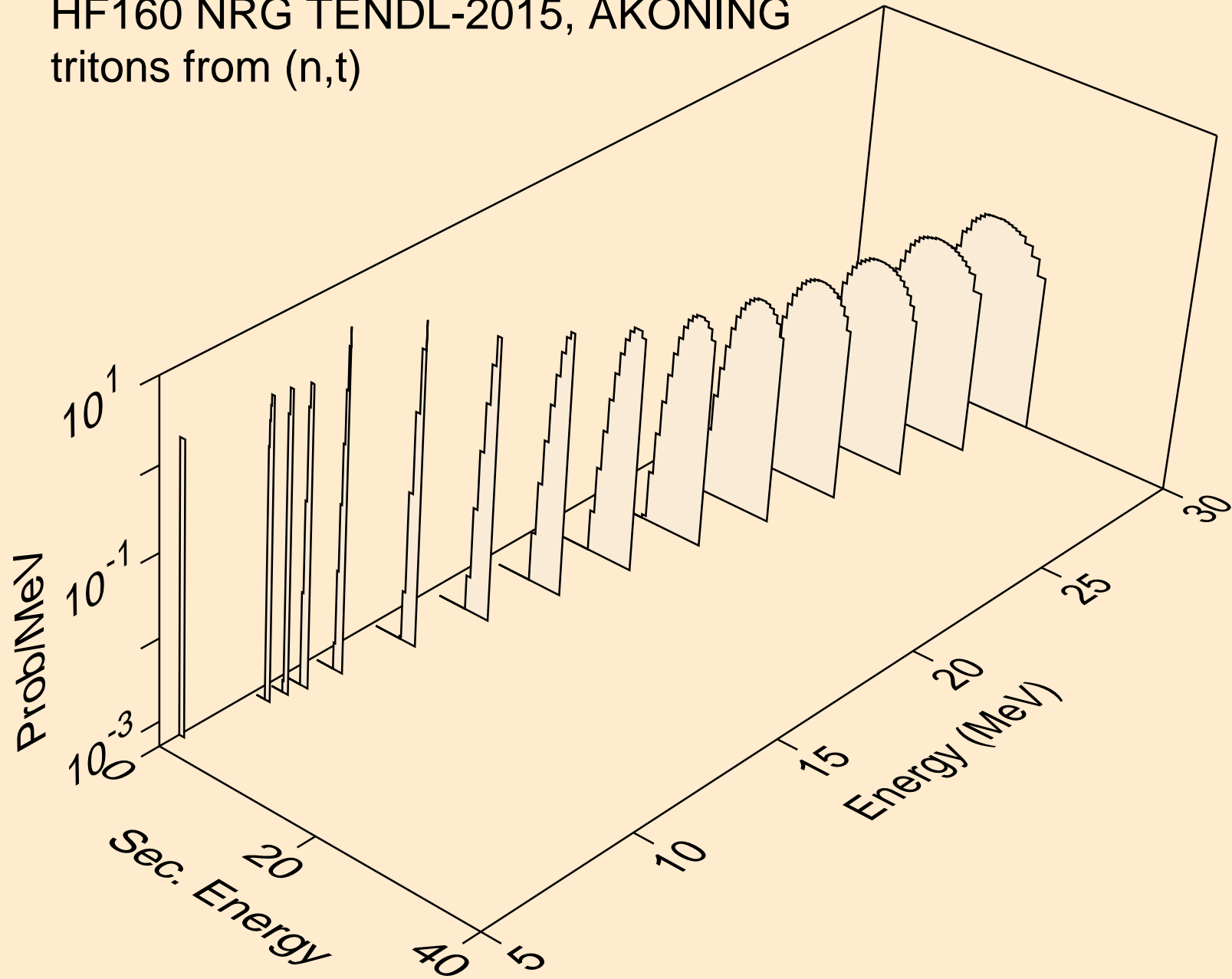
HF160 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



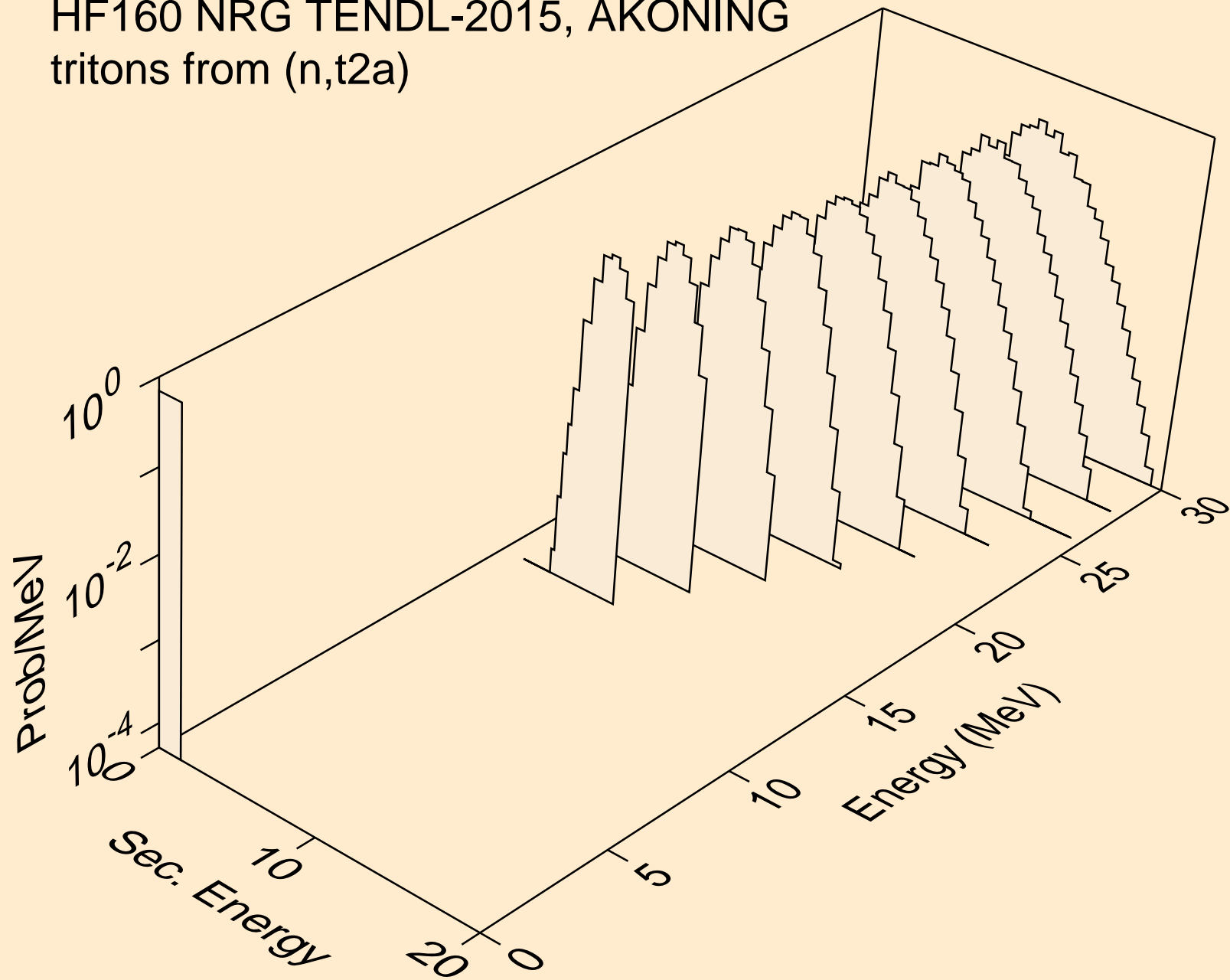
HF160 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



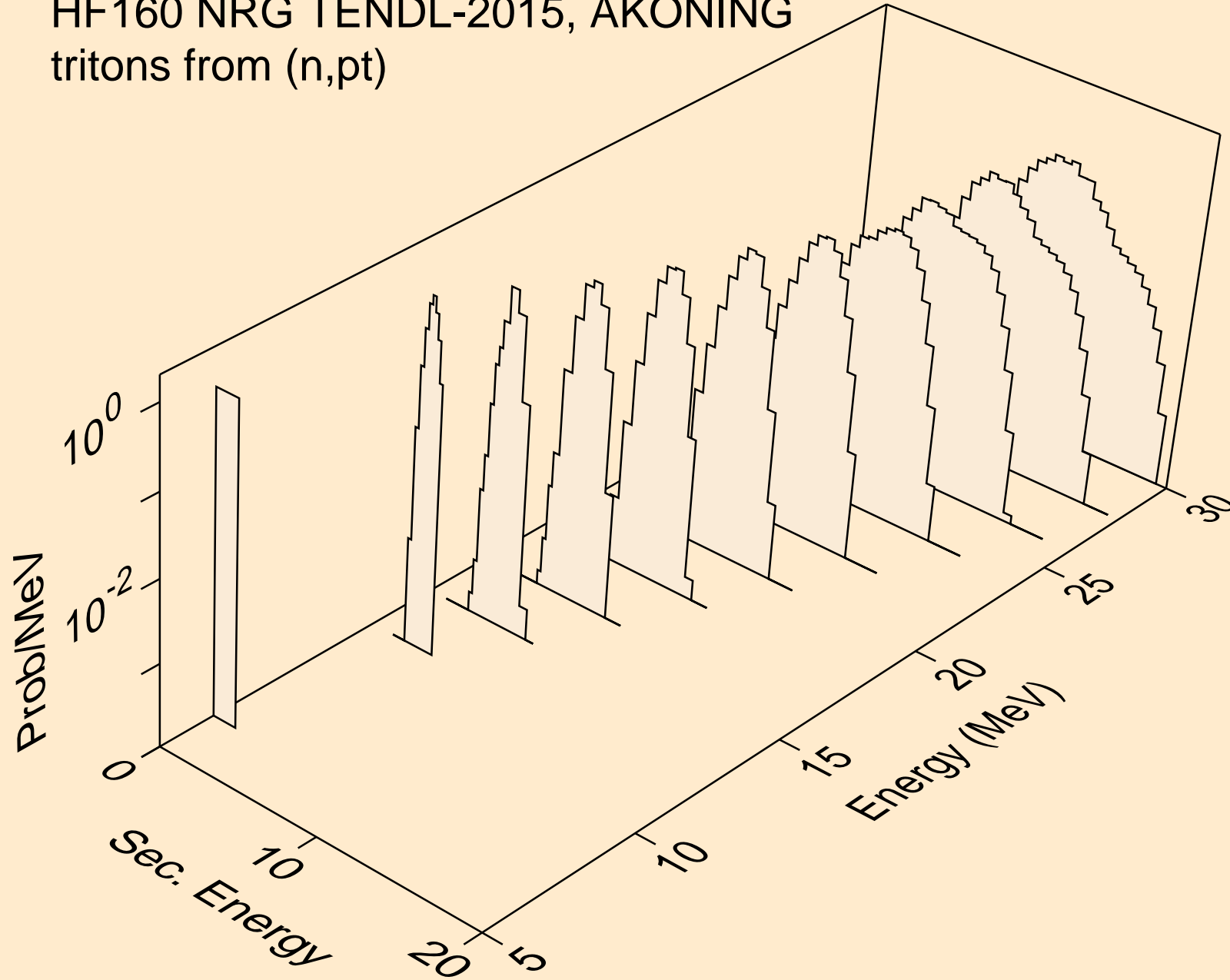
HF160 NRG TENDL-2015, AKONING  
tritons from (n,t)



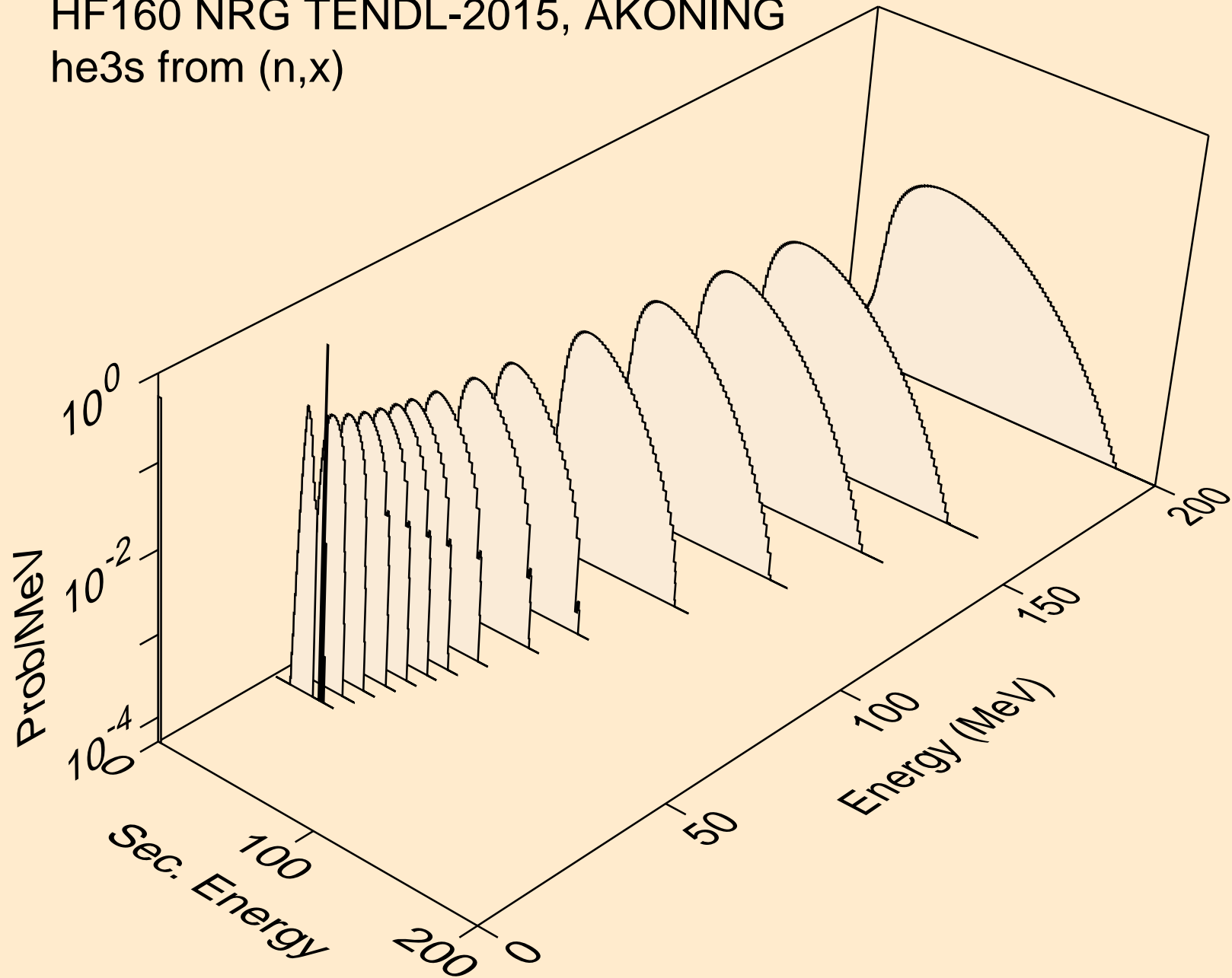
HF160 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



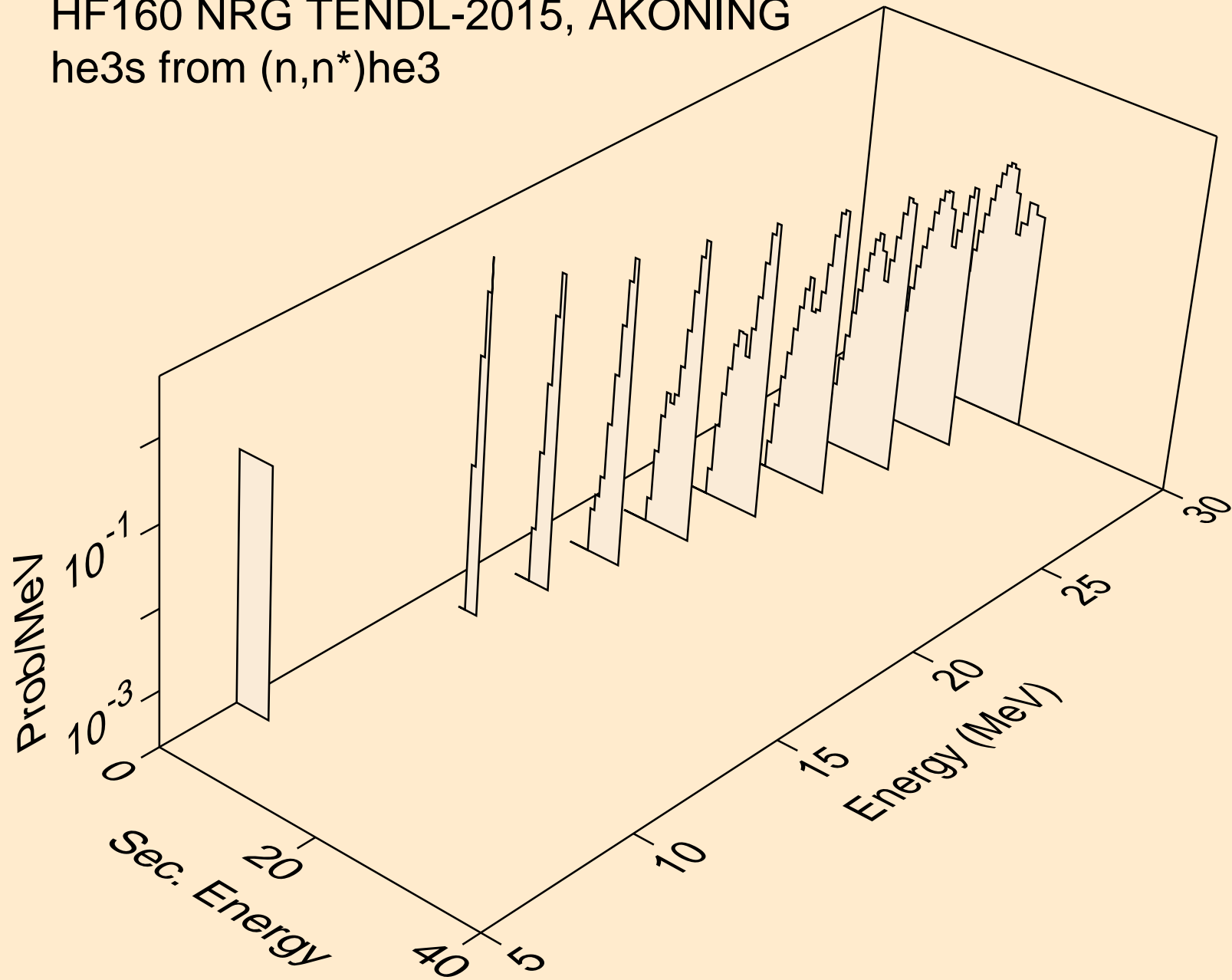
HF160 NRG TENDL-2015, AKONING  
tritons from (n,pt)



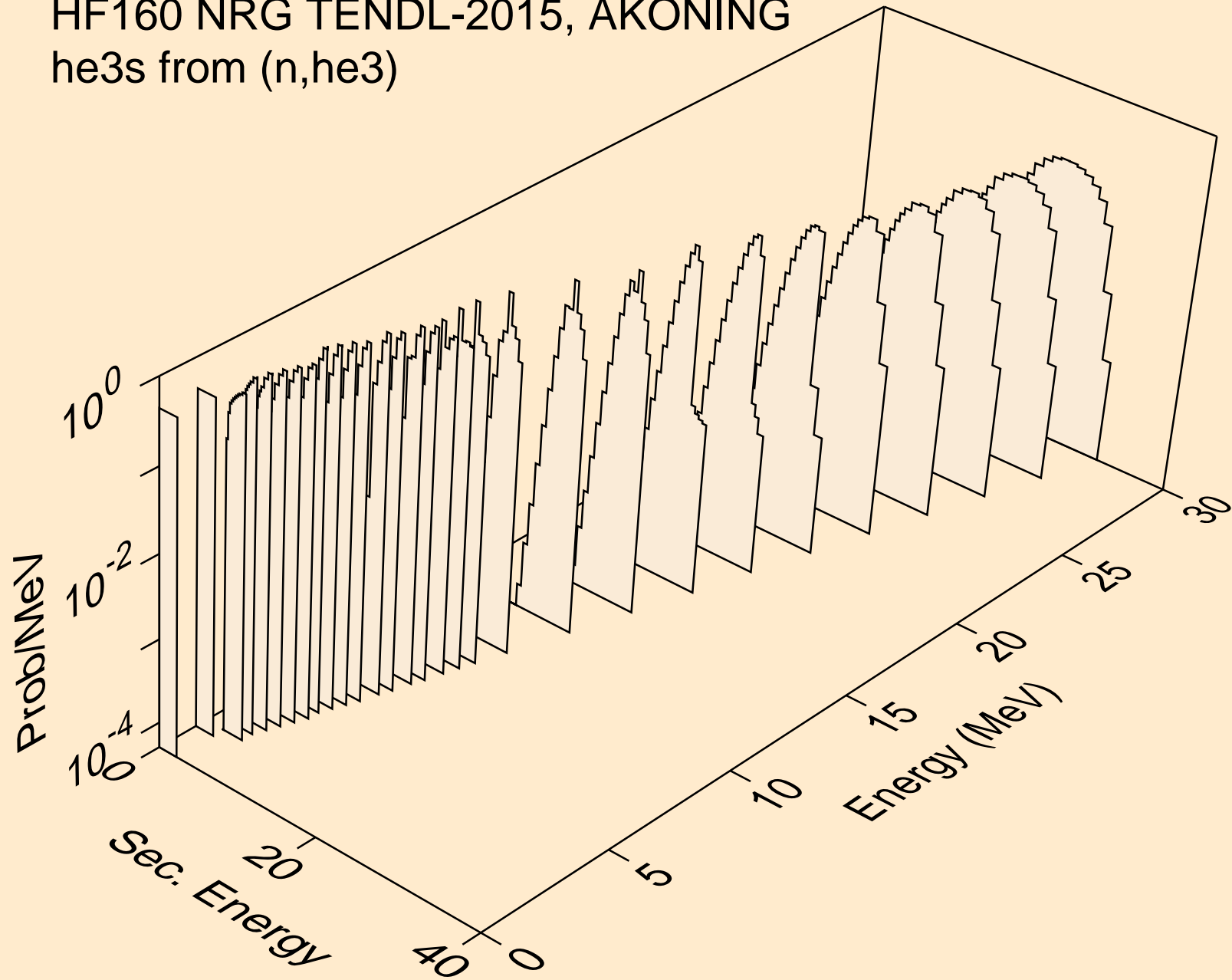
HF160 NRG TENDL-2015, AKONING  
he3s from (n,x)



HF160 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

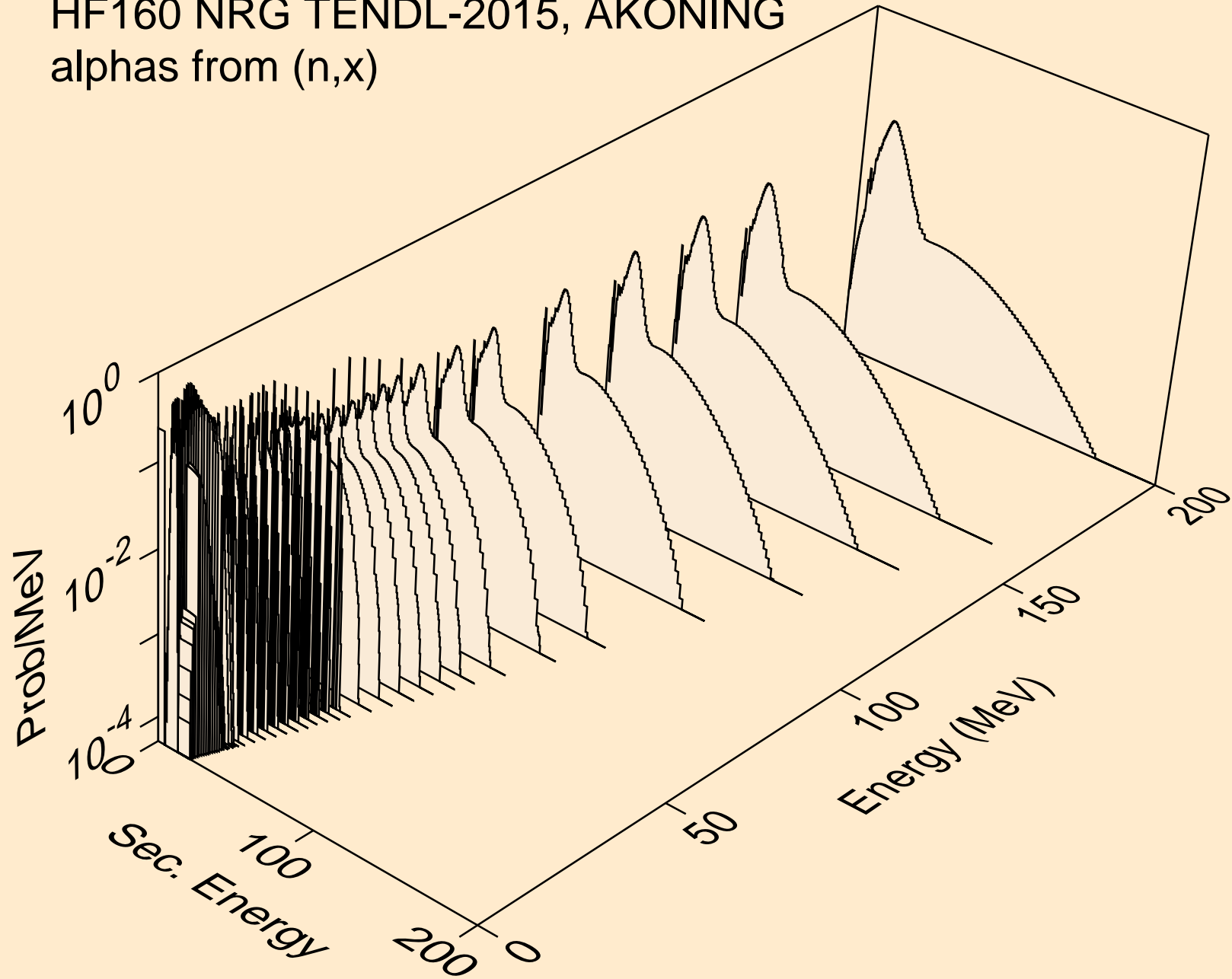


HF160 NRG TENDL-2015, AKONING  
he3s from (n,he3)

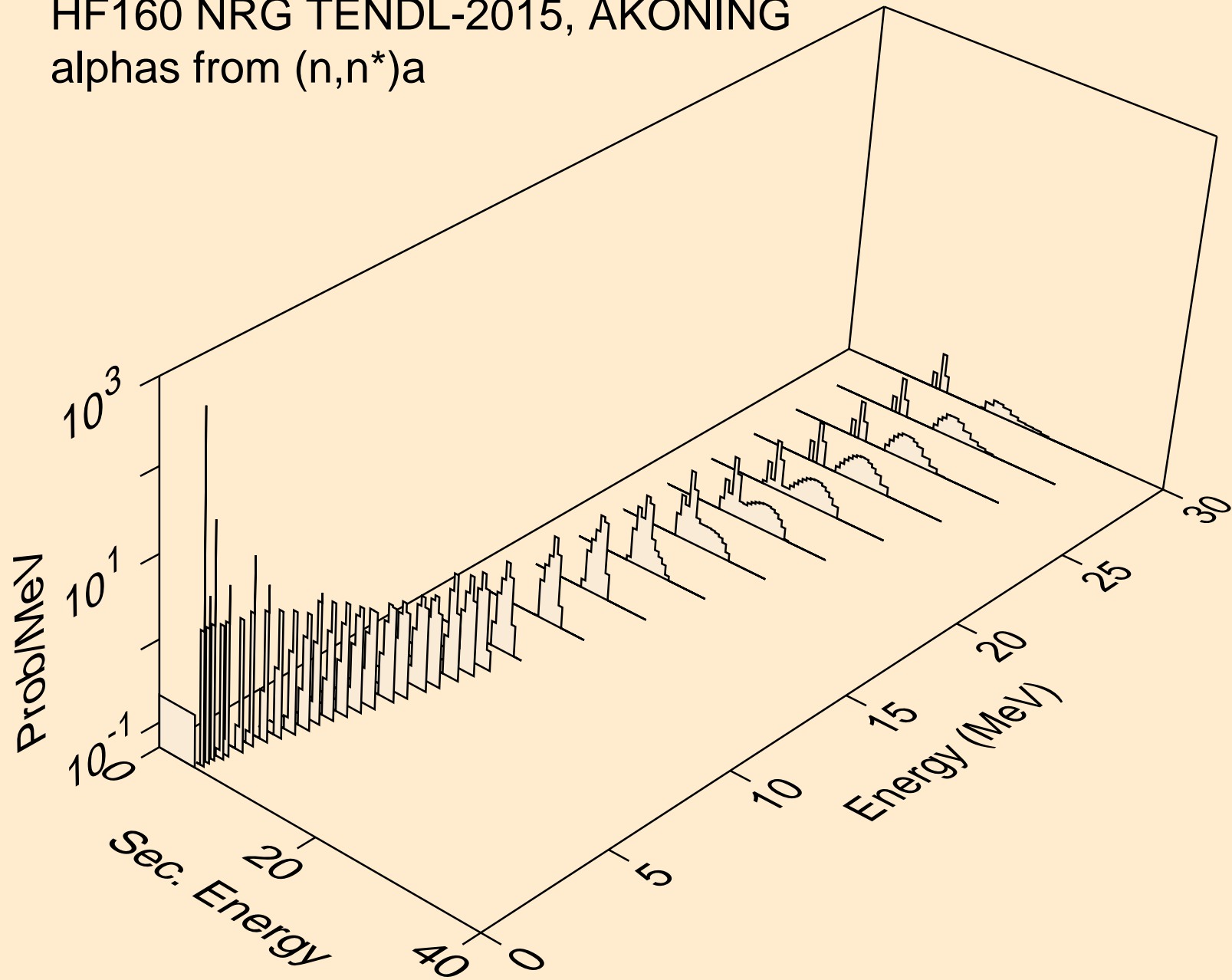




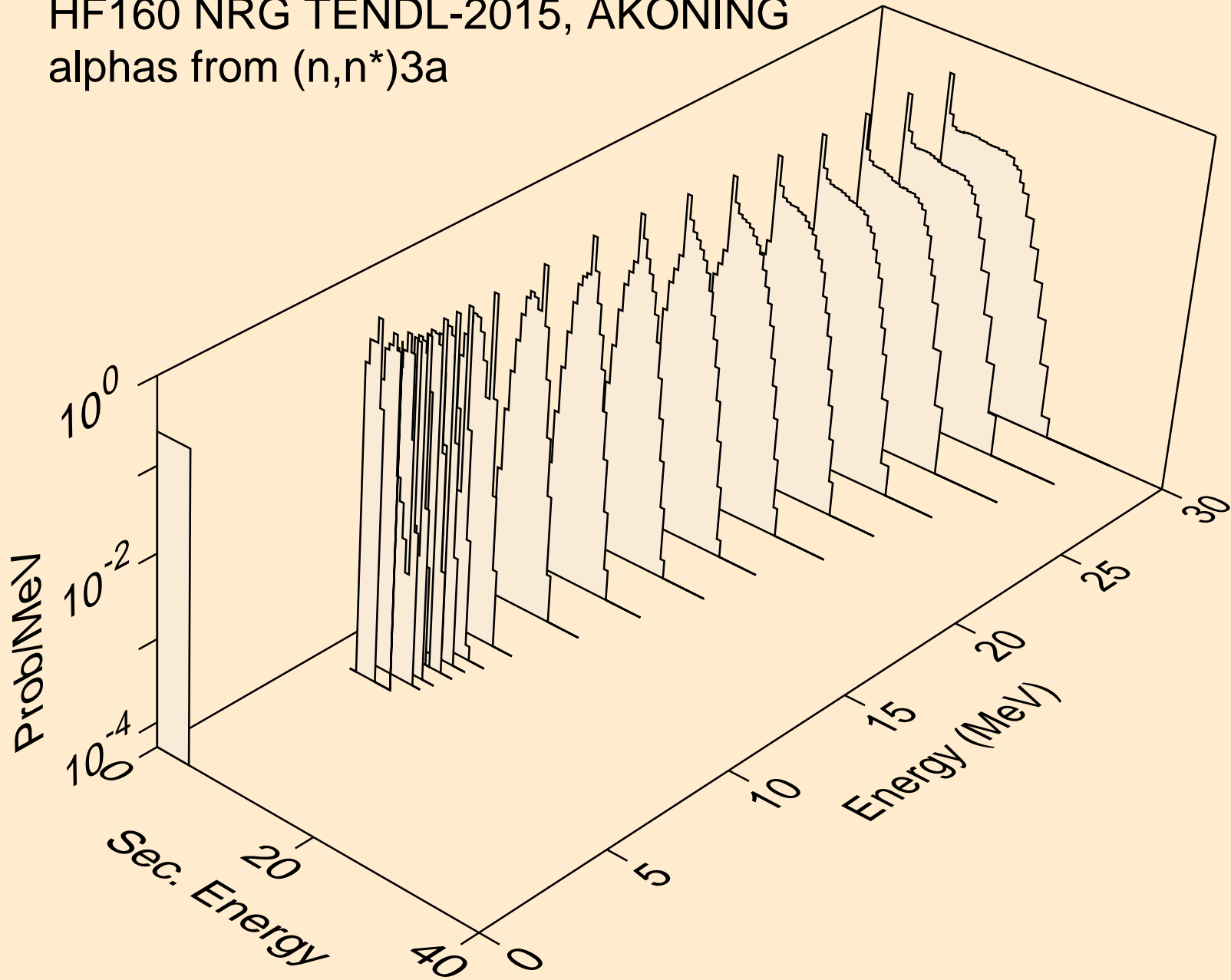
HF160 NRG TENDL-2015, AKONING  
alphas from (n,x)



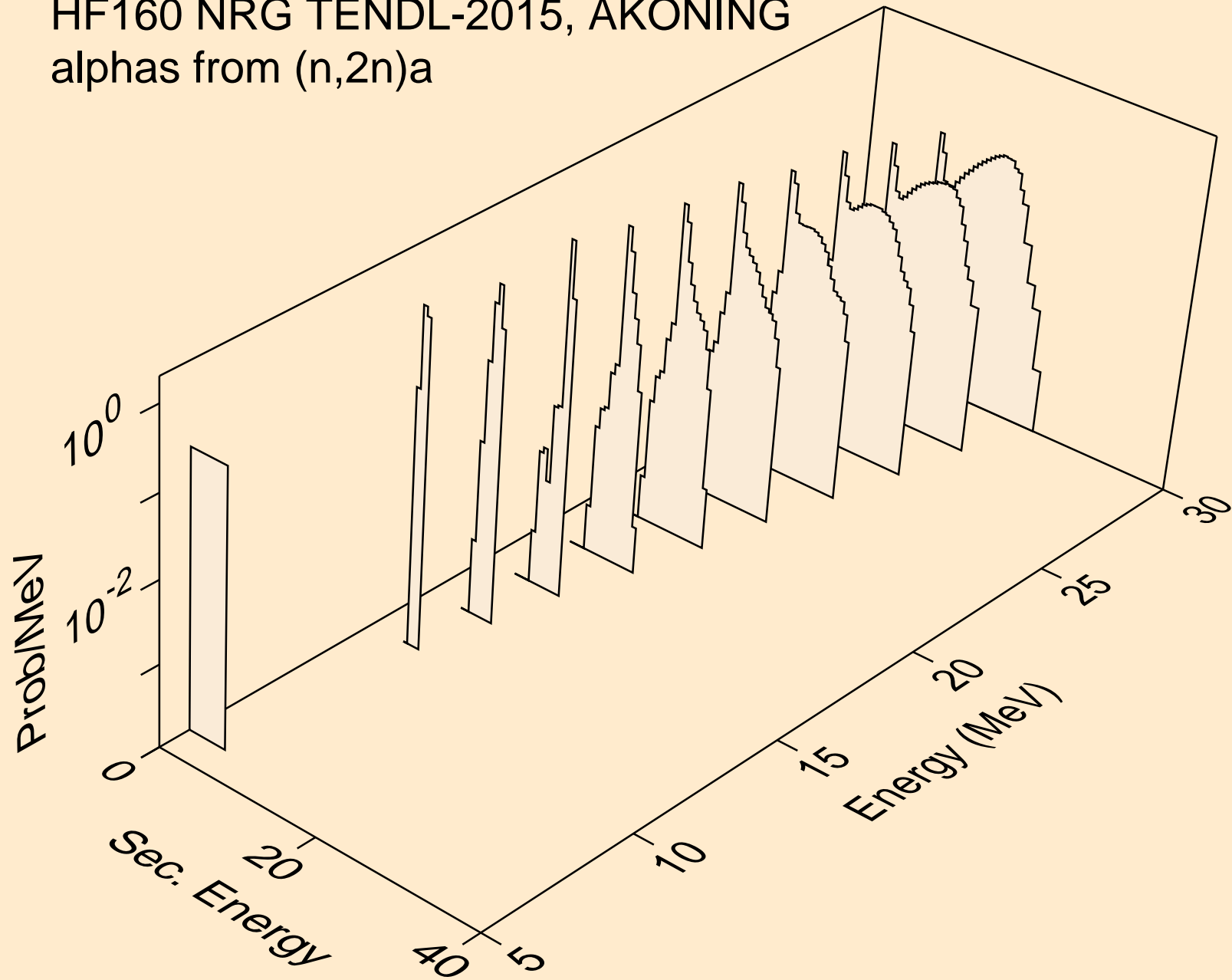
HF160 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



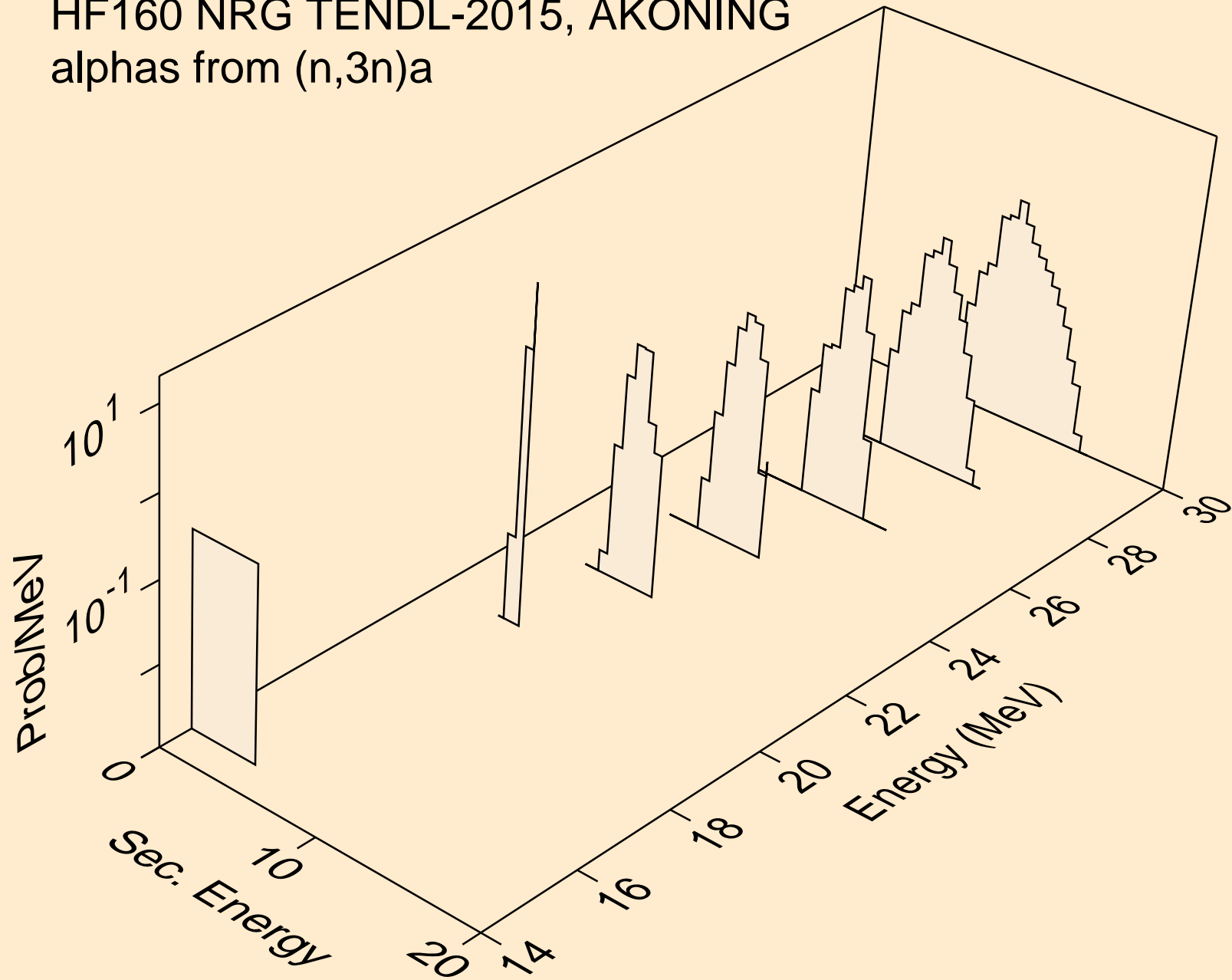
HF160 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



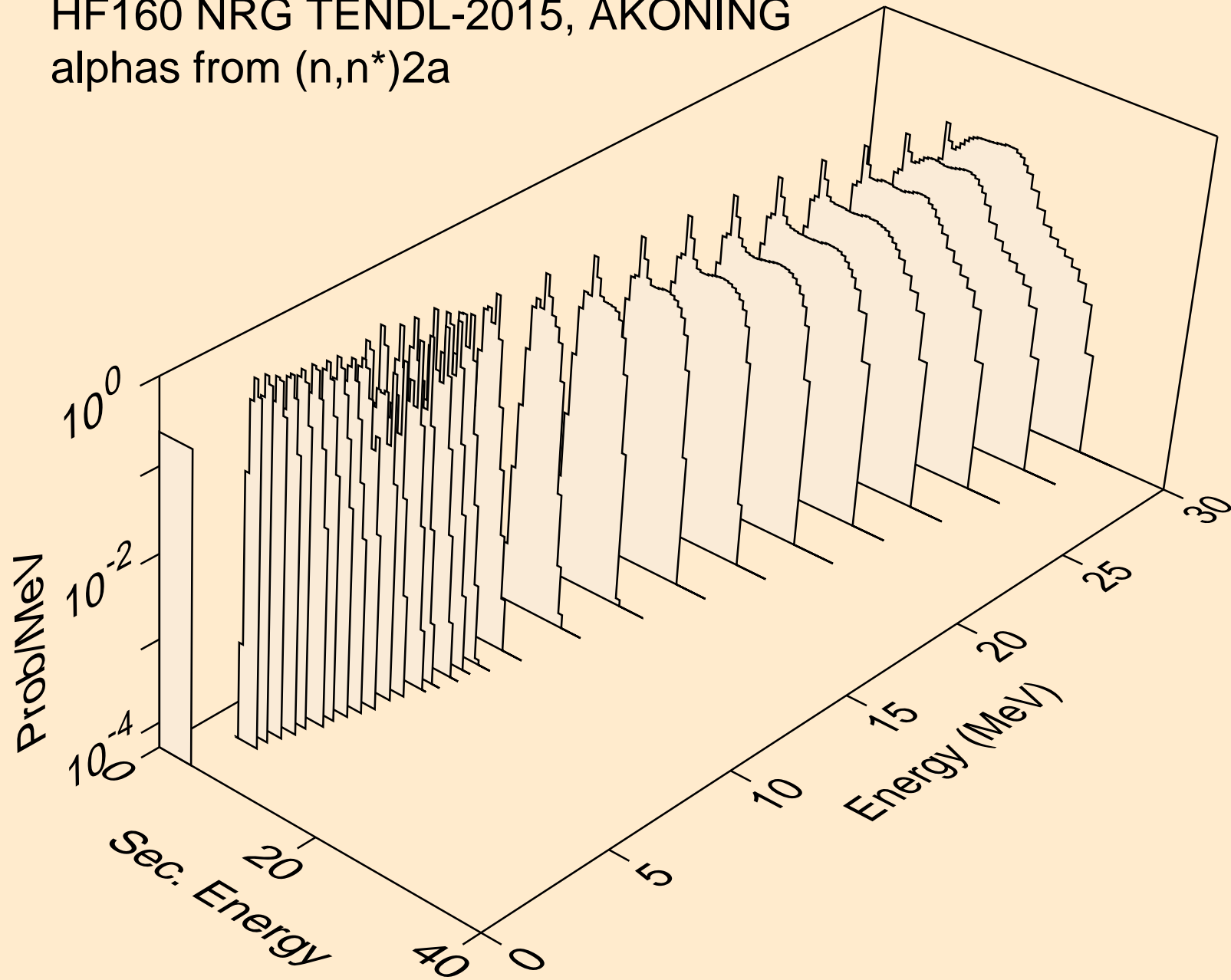
HF160 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



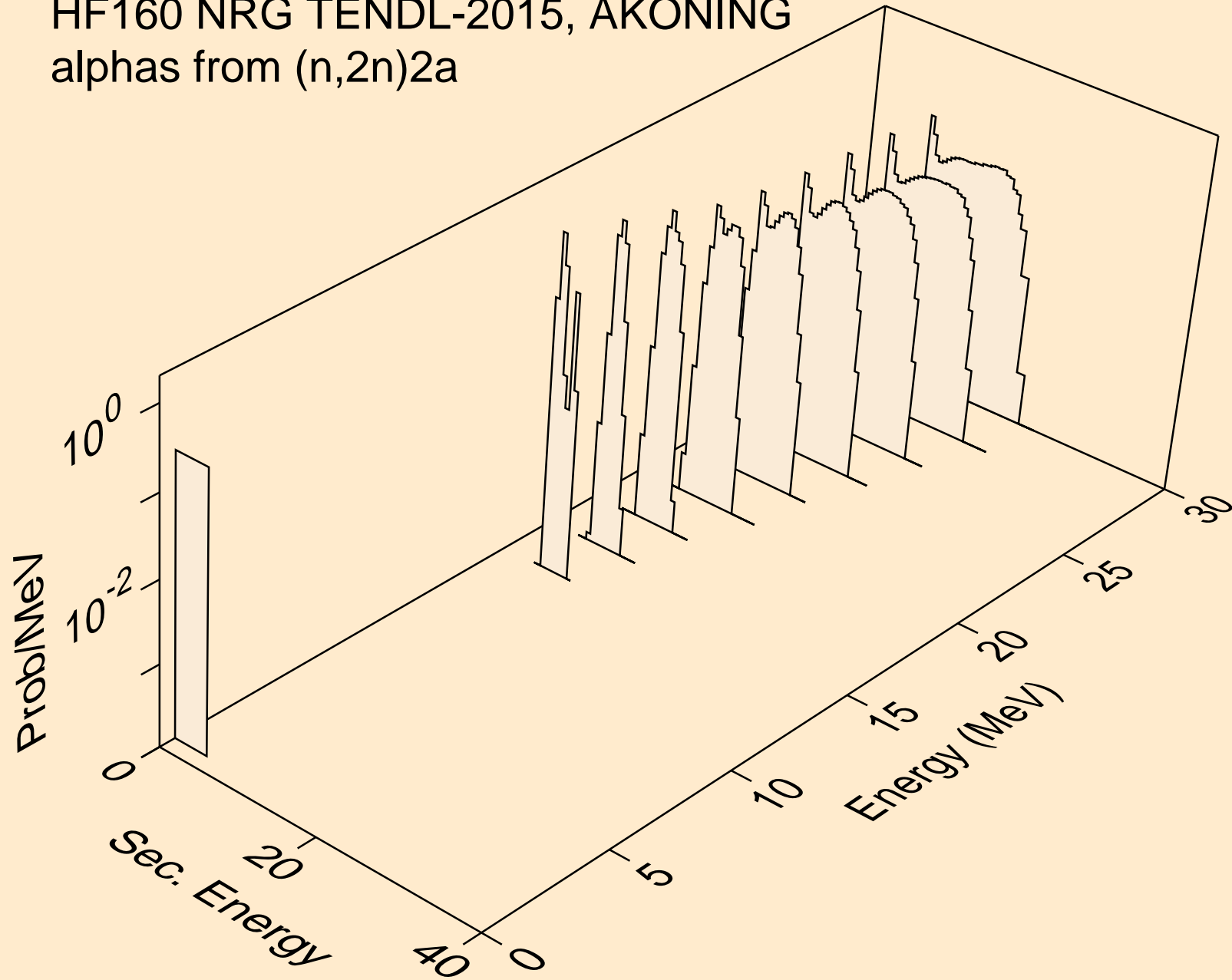
HF160 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



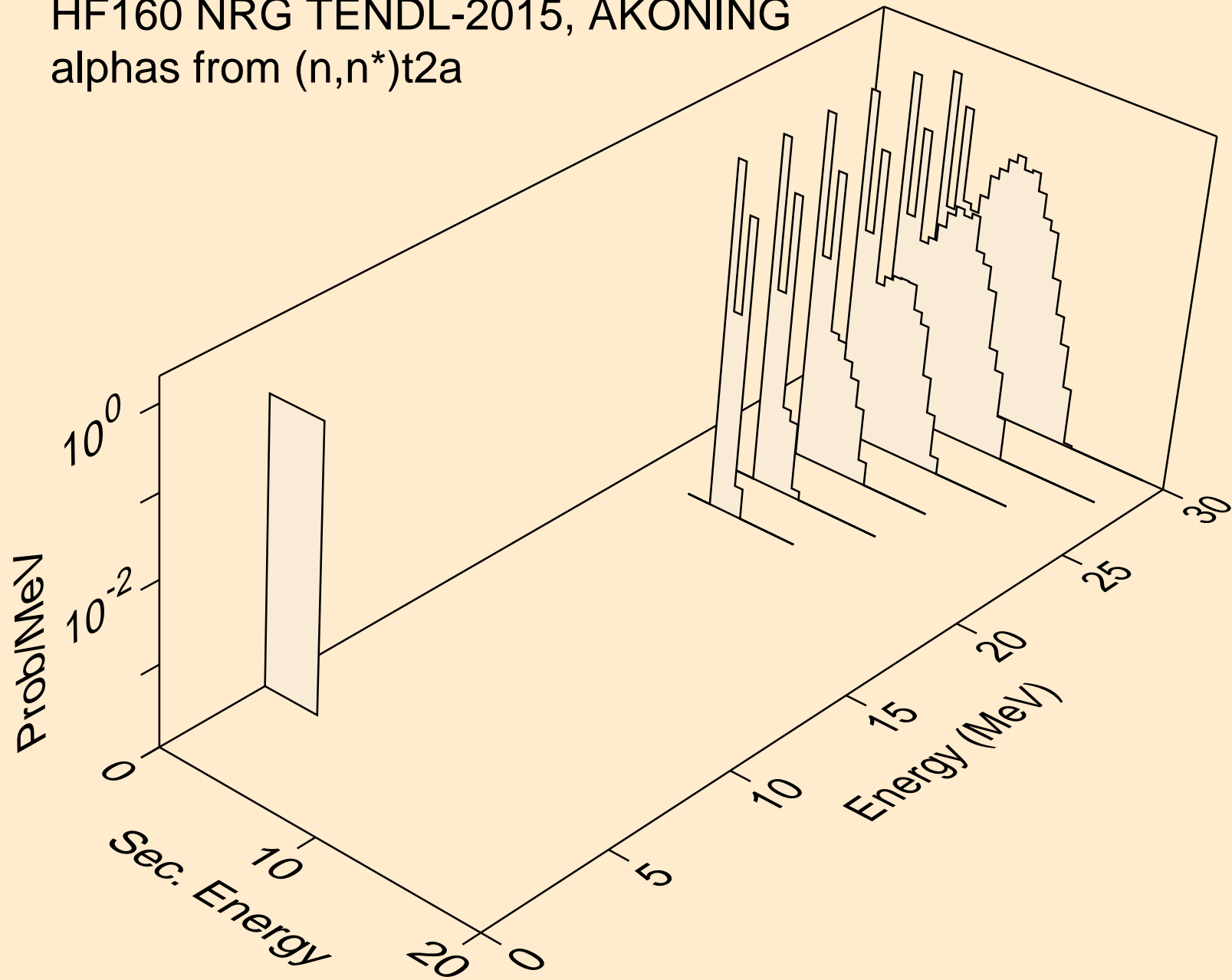
HF160 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



HF160 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

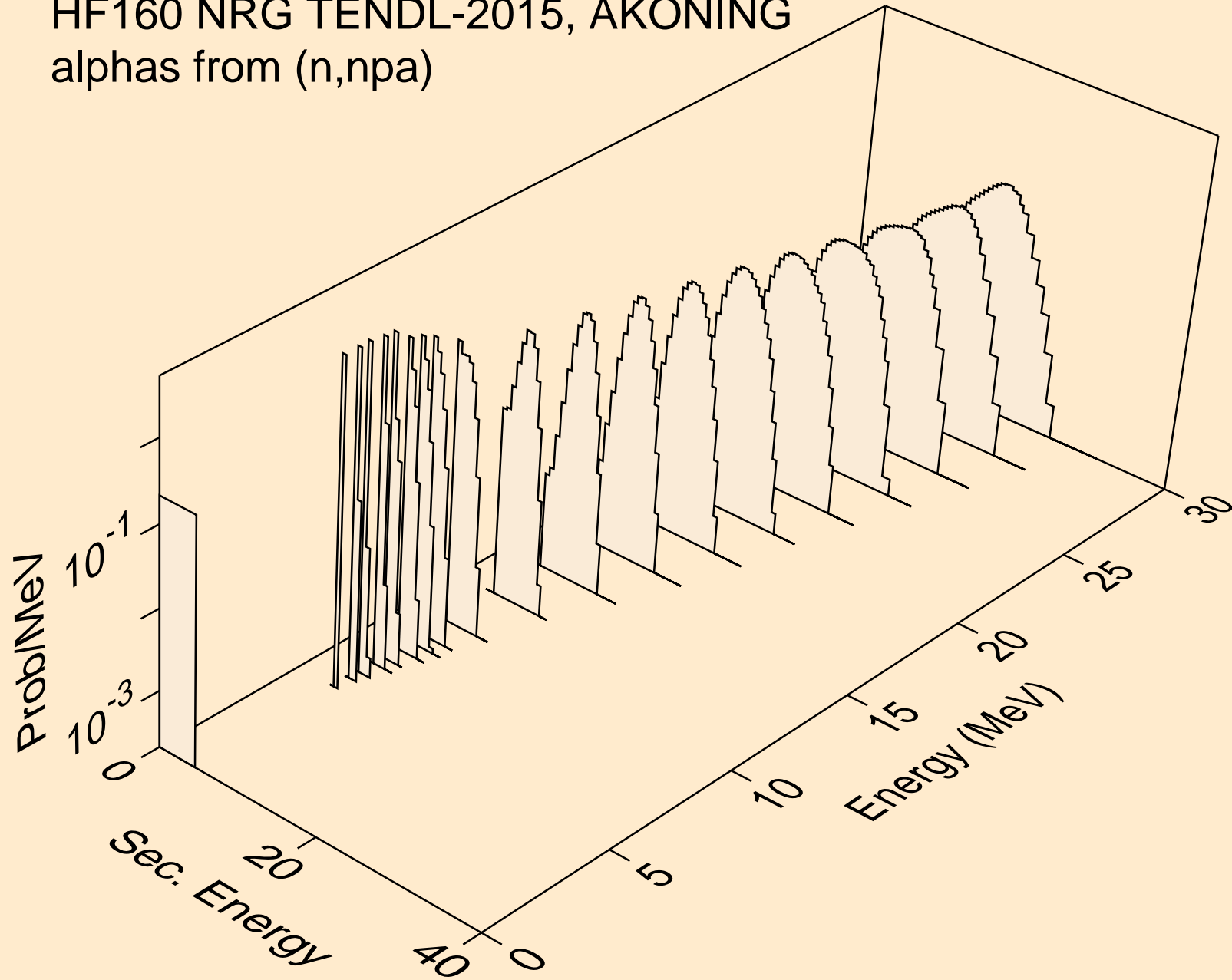


HF160 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

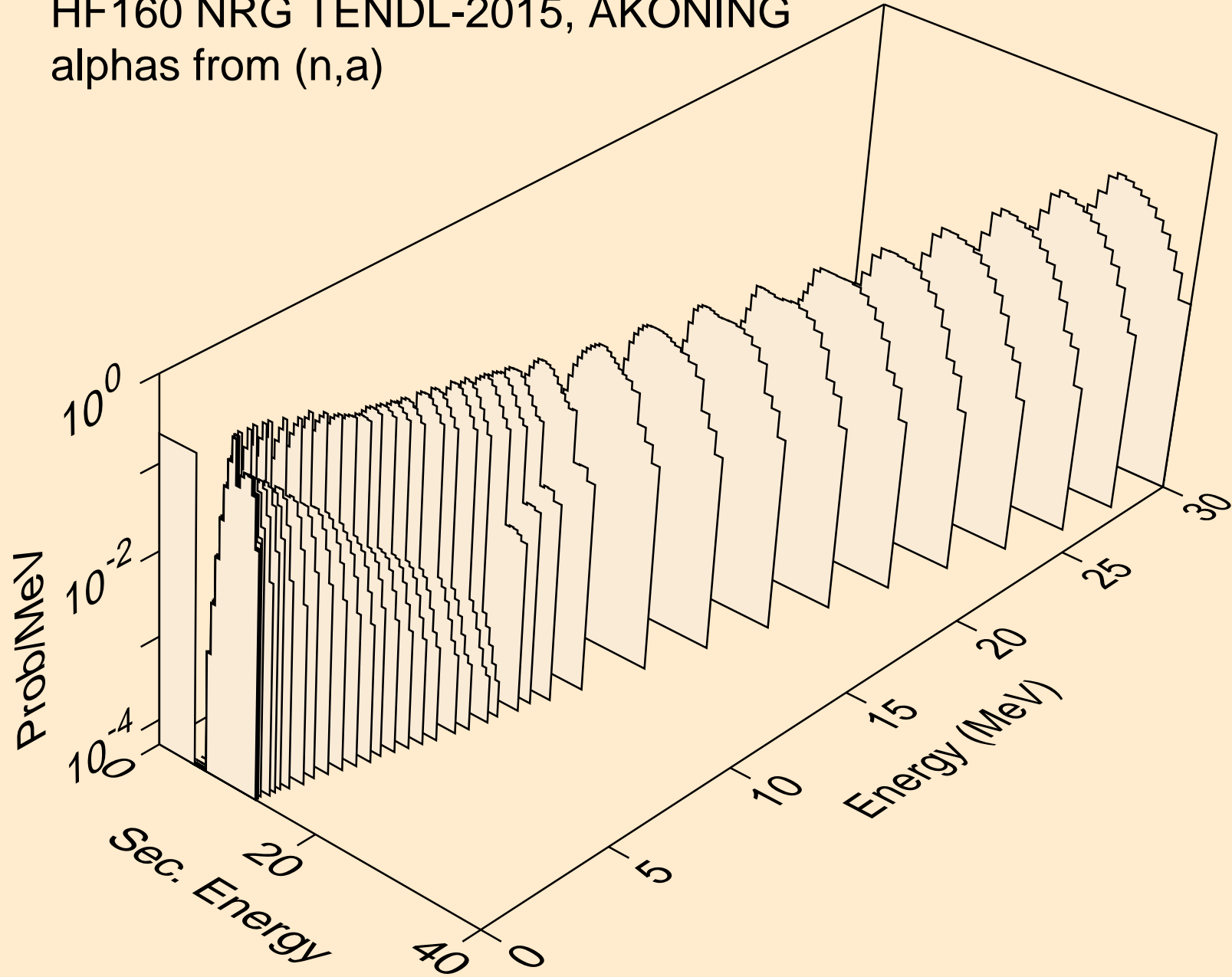




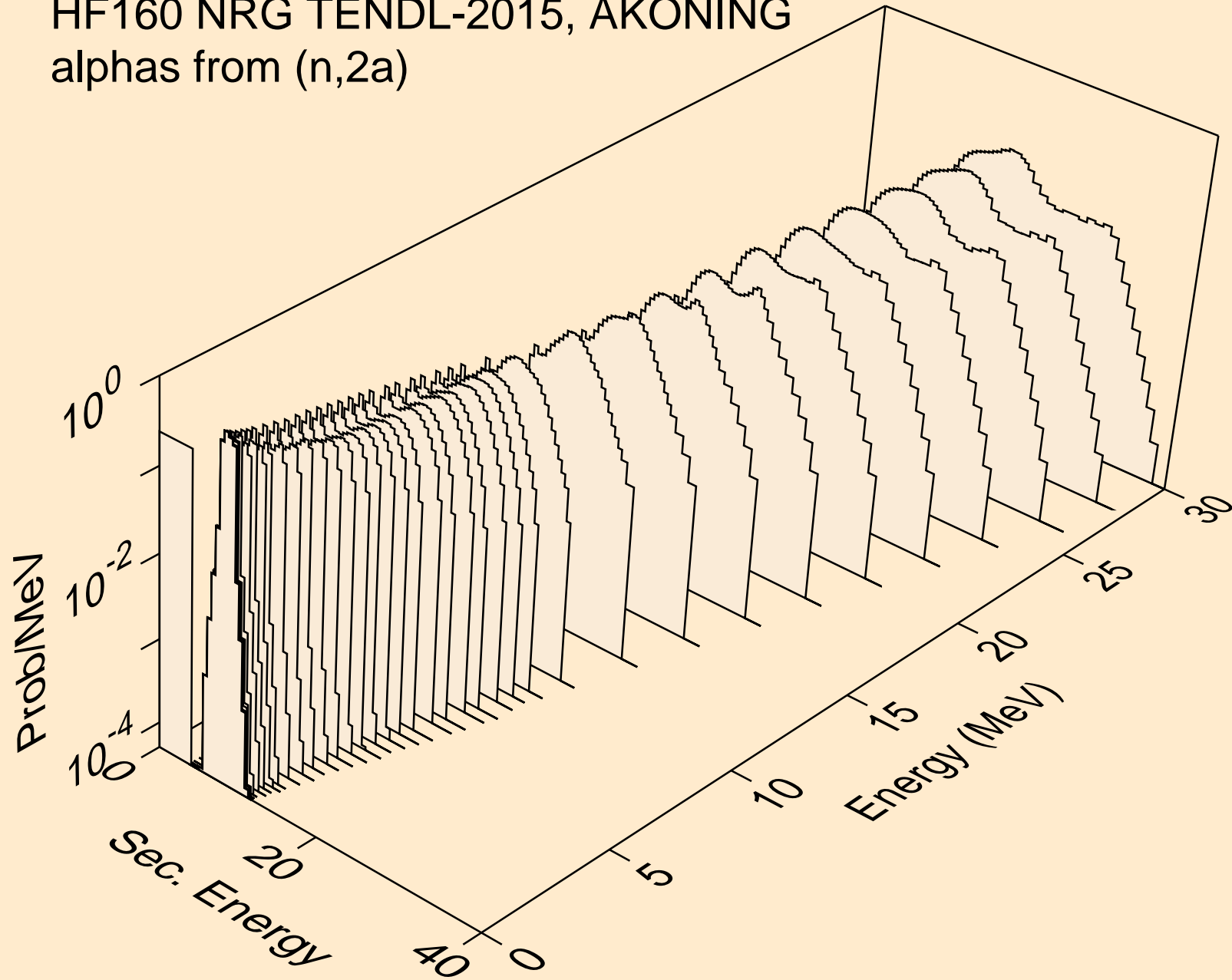
HF160 NRG TENDL-2015, AKONING  
alphas from (n,npa)



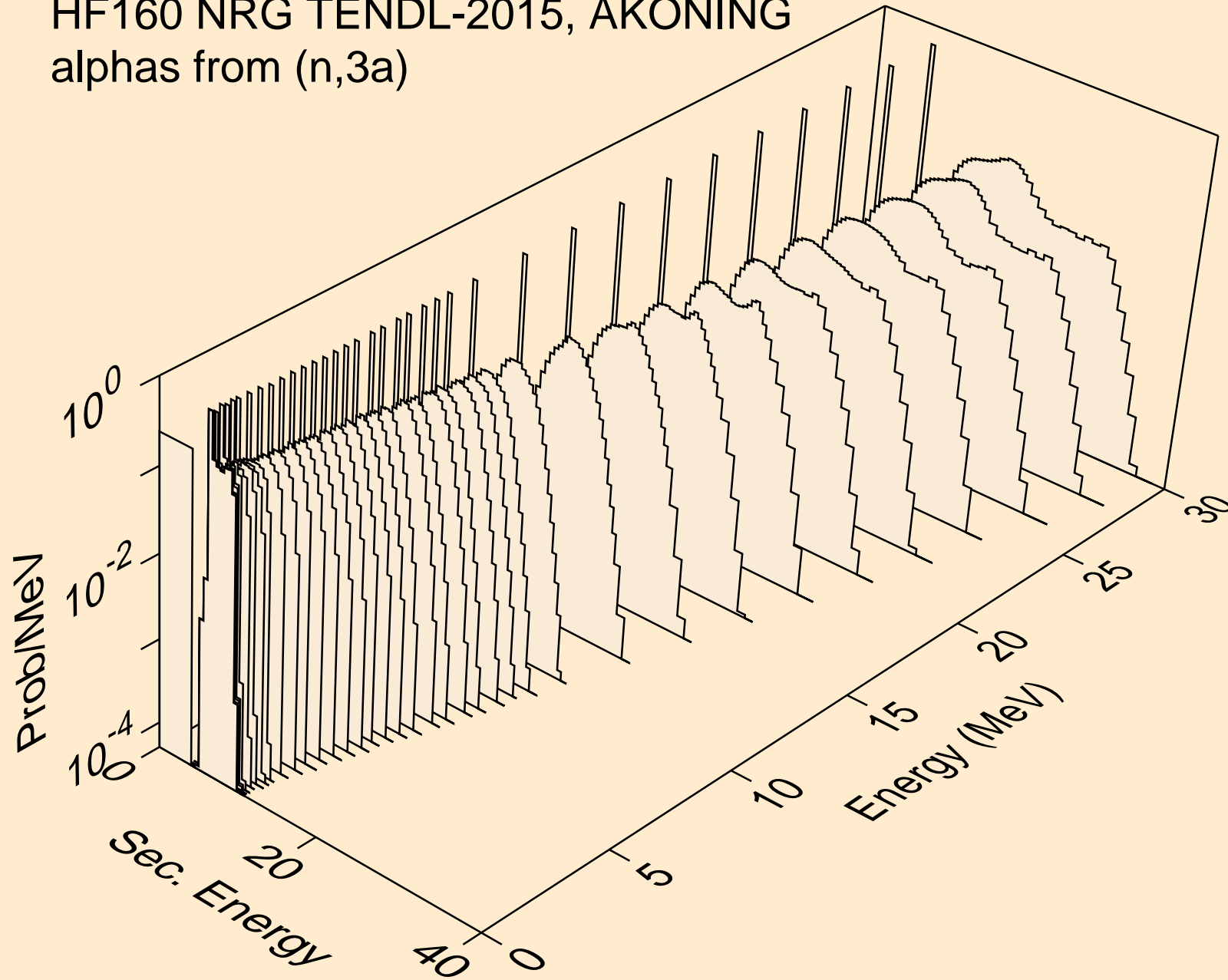
HF160 NRG TENDL-2015, AKONING  
alphas from (n,a)



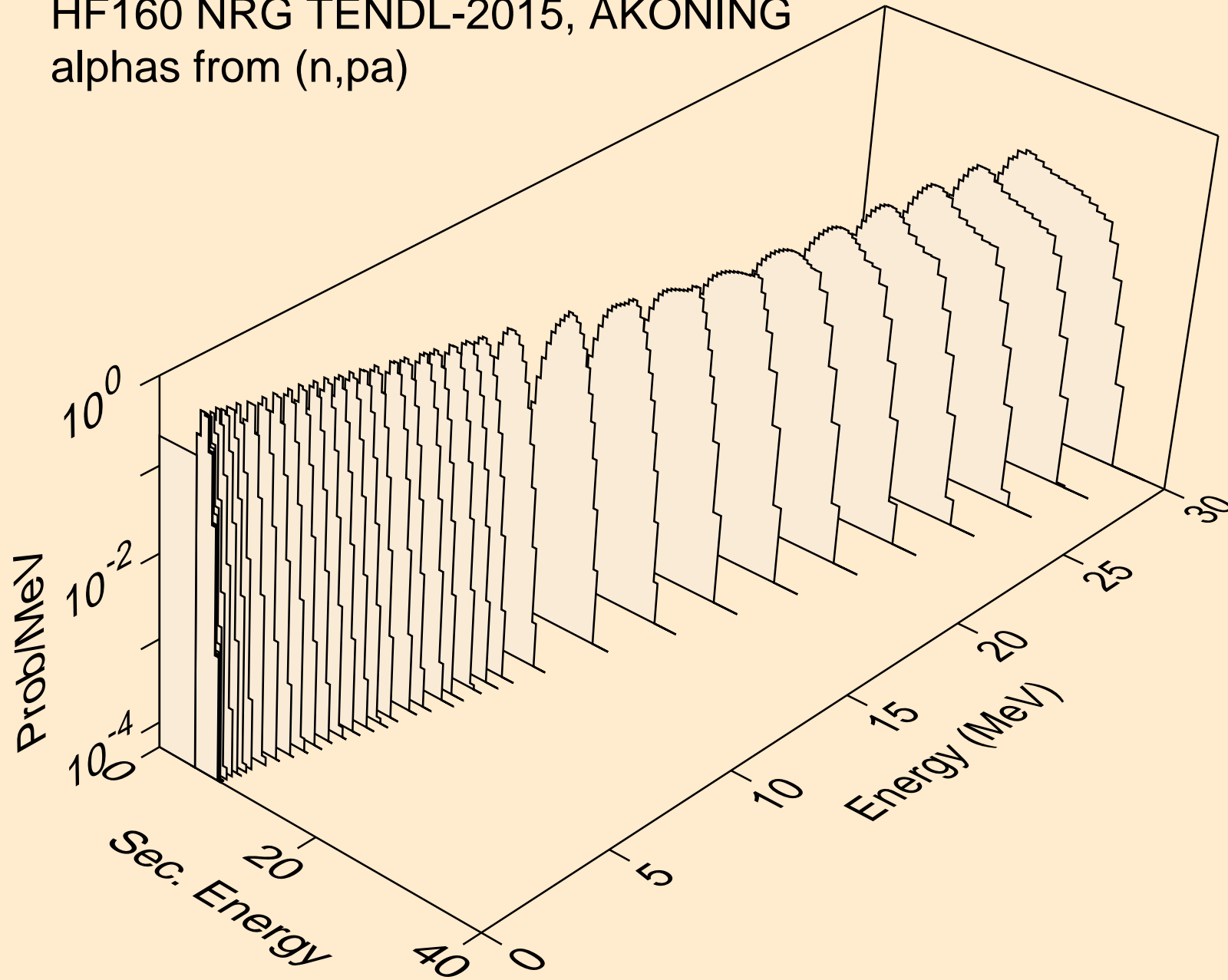
HF160 NRG TENDL-2015, AKONING  
alphas from (n,2a)



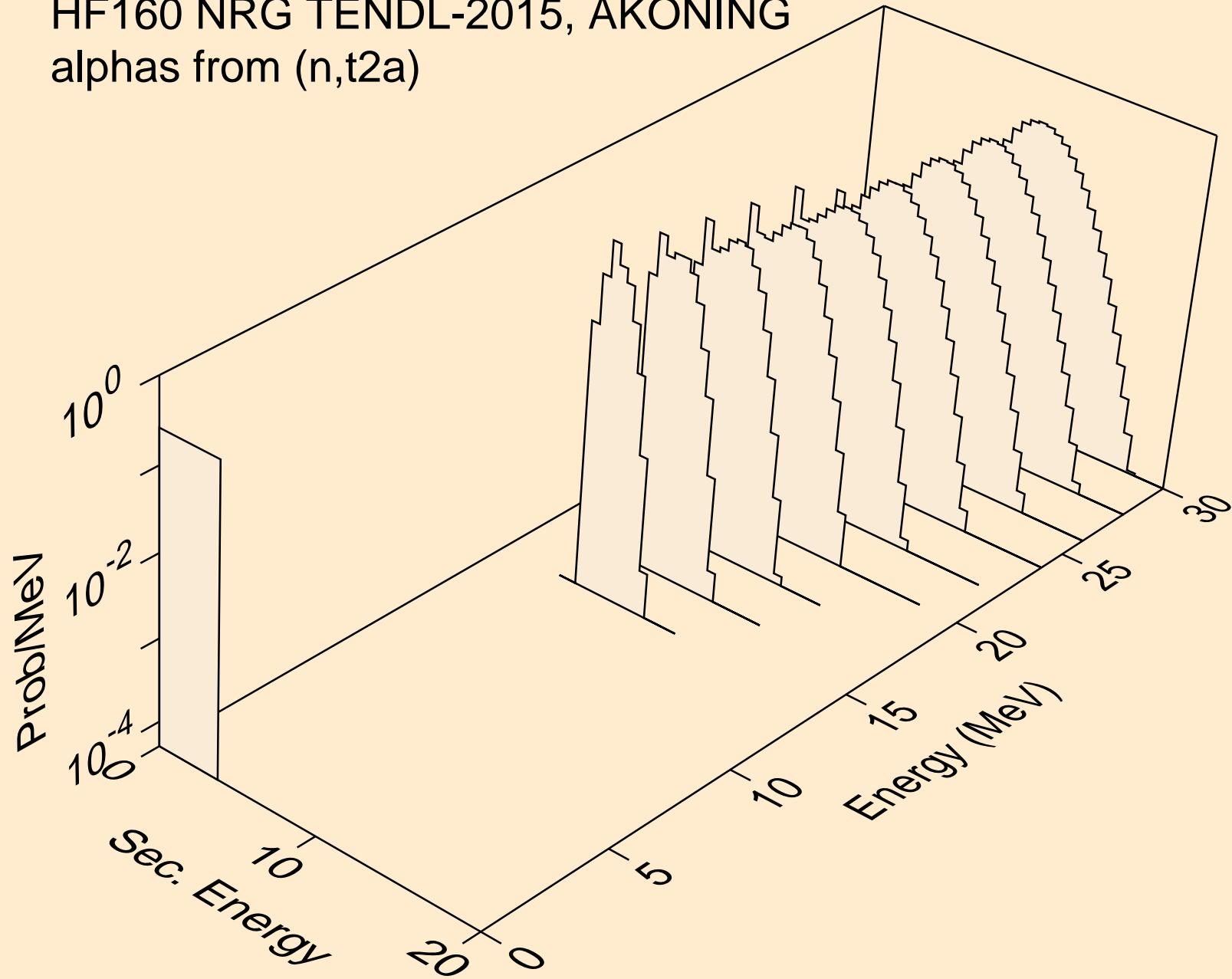
HF160 NRG TENDL-2015, AKONING  
alphas from (n,3a)



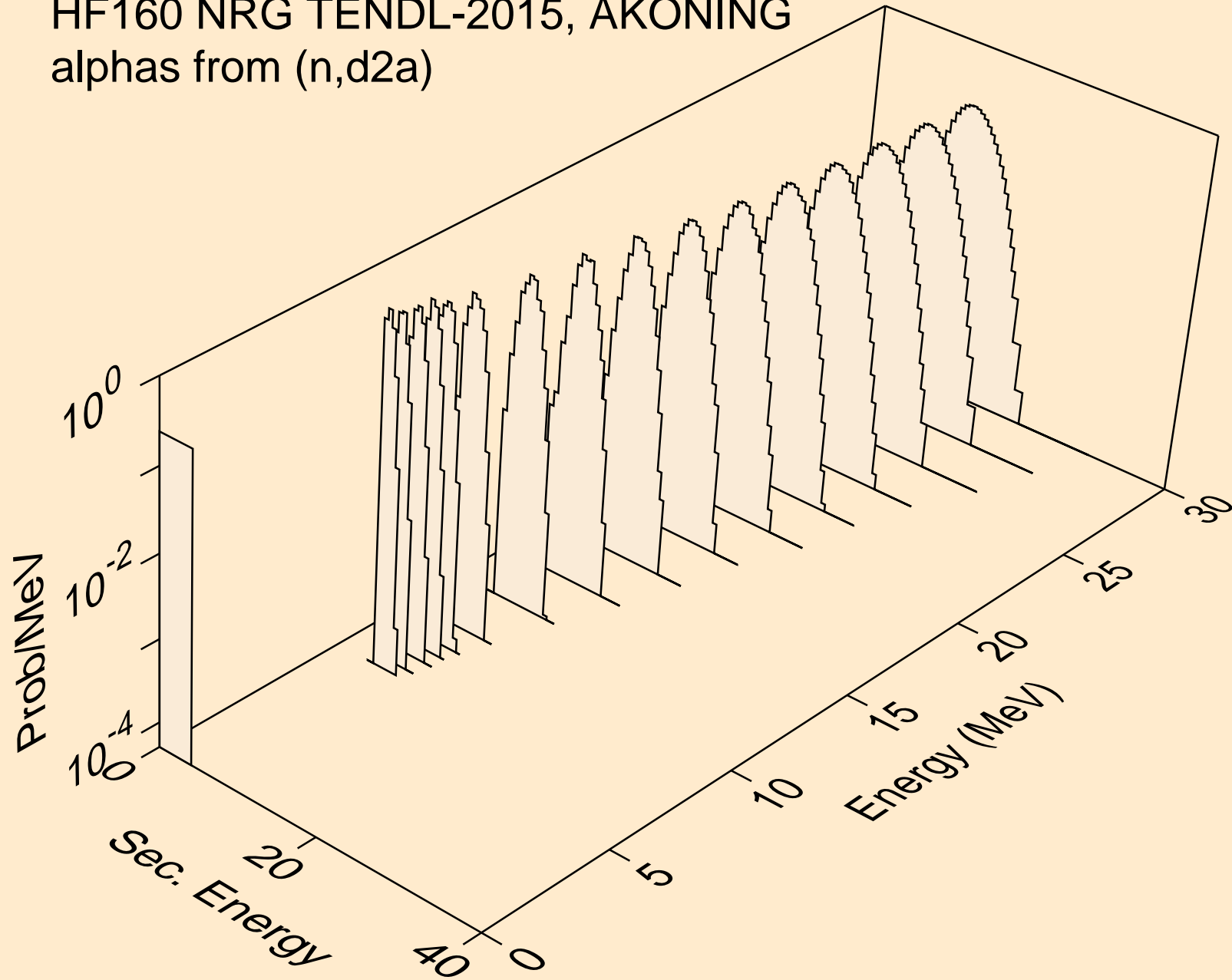
HF160 NRG TENDL-2015, AKONING  
alphas from (n,pa)



HF160 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



HF160 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



HF160 NRG TENDL-2015, AKONING  
alphas from (n,da)

