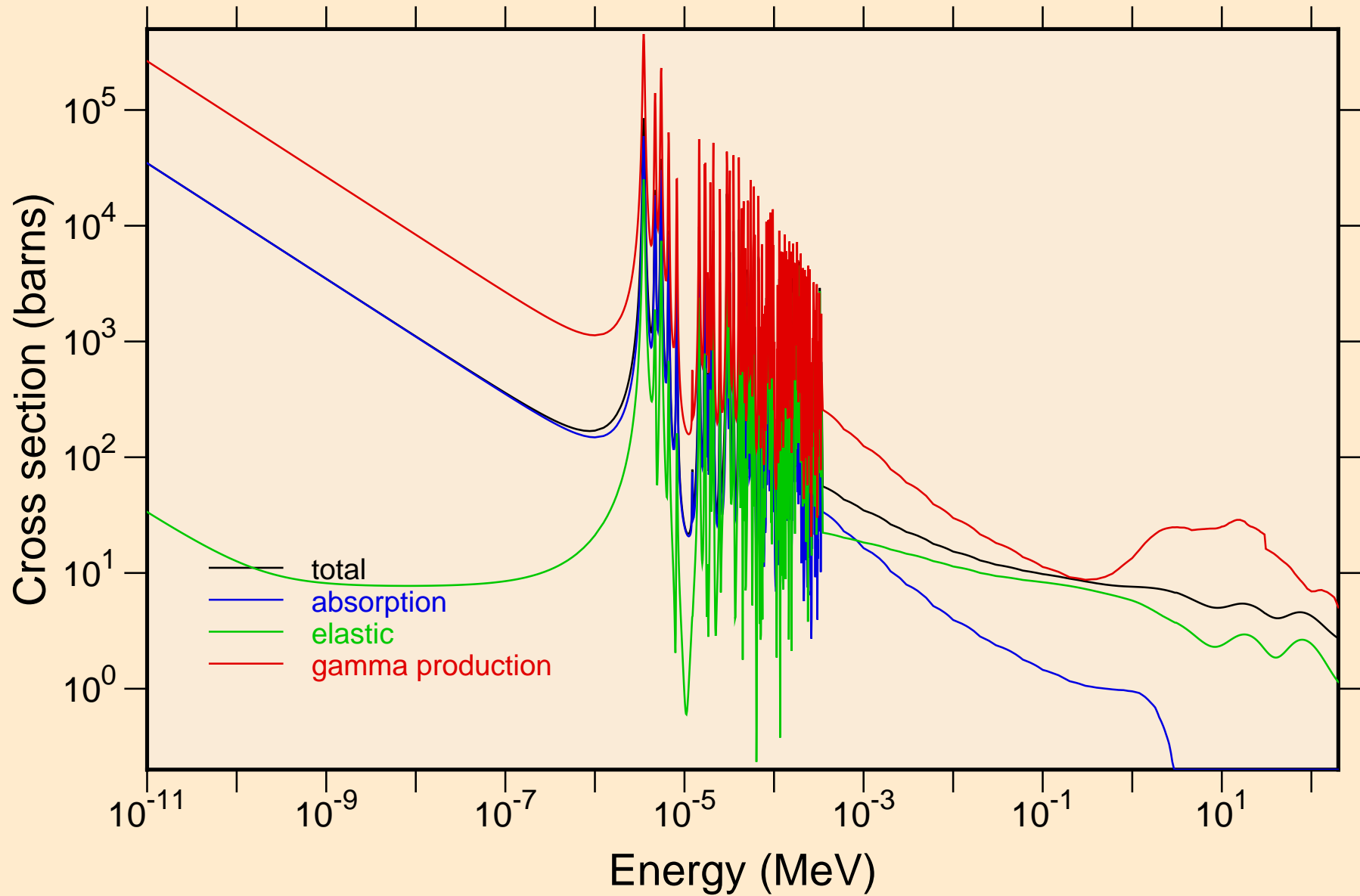
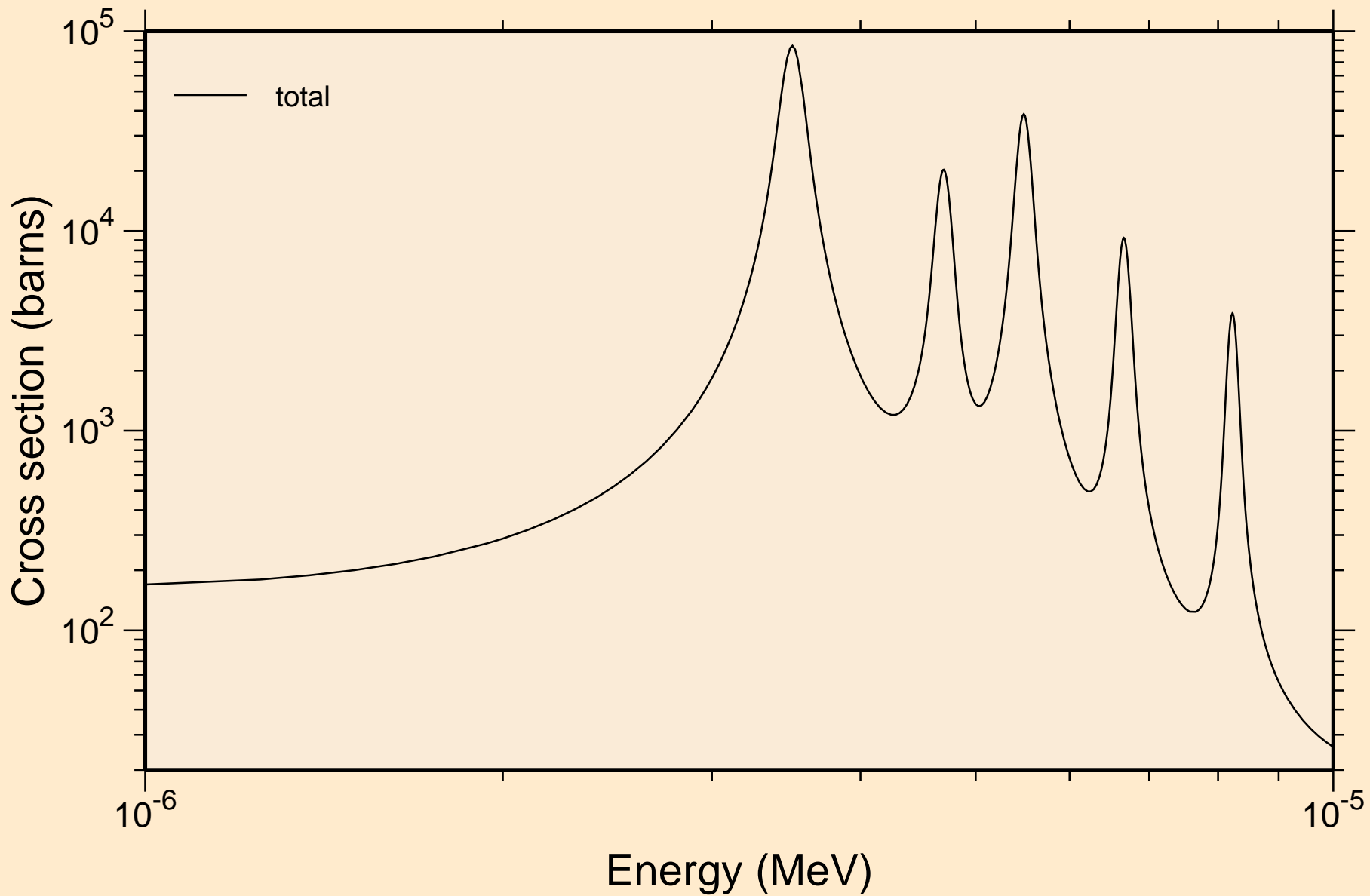


# HF177N NRG TENDL-2015, AKONING

## Principal cross sections

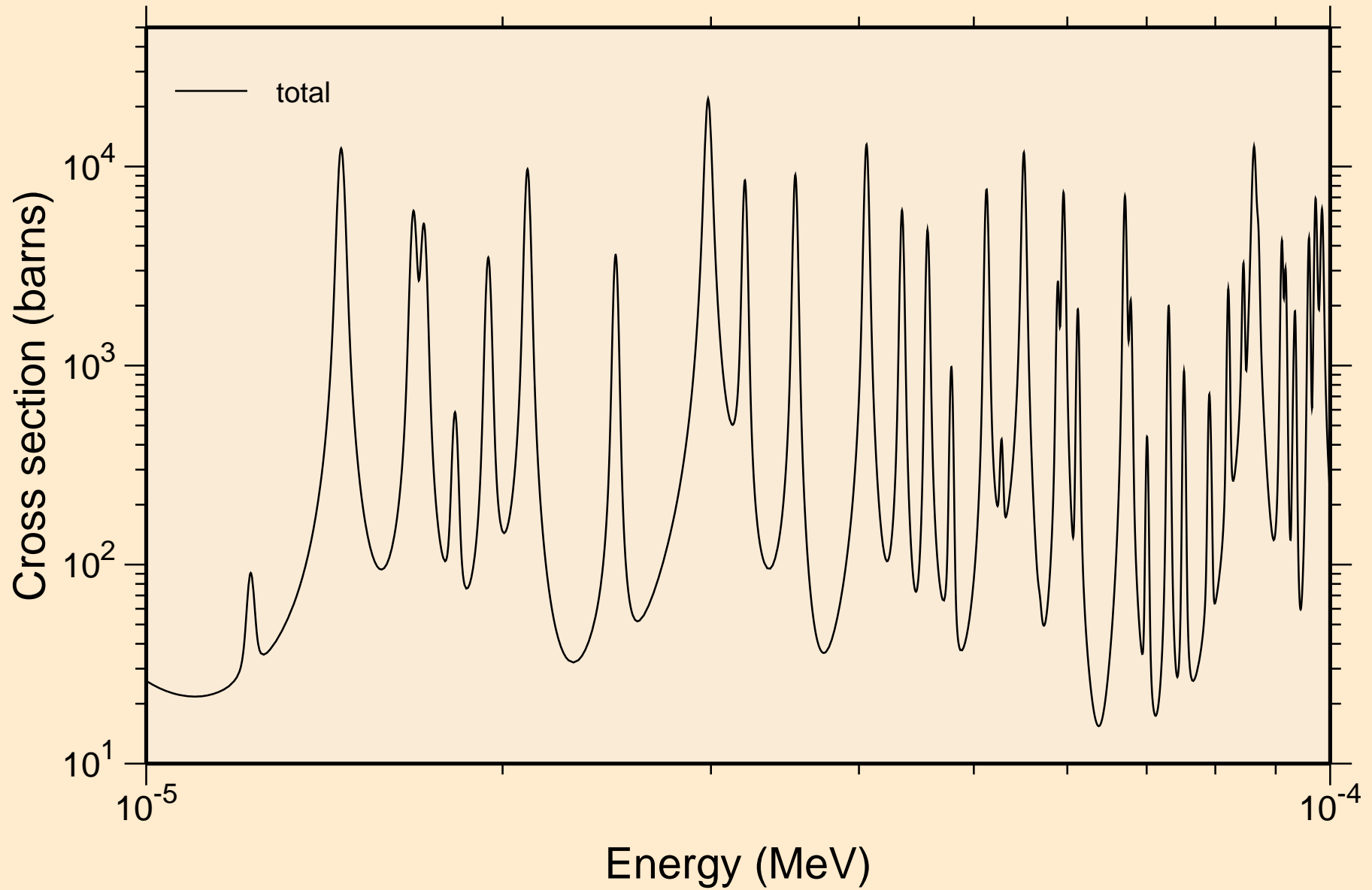


HF177N NRG TENDL-2015, AKONING  
resonance total cross section

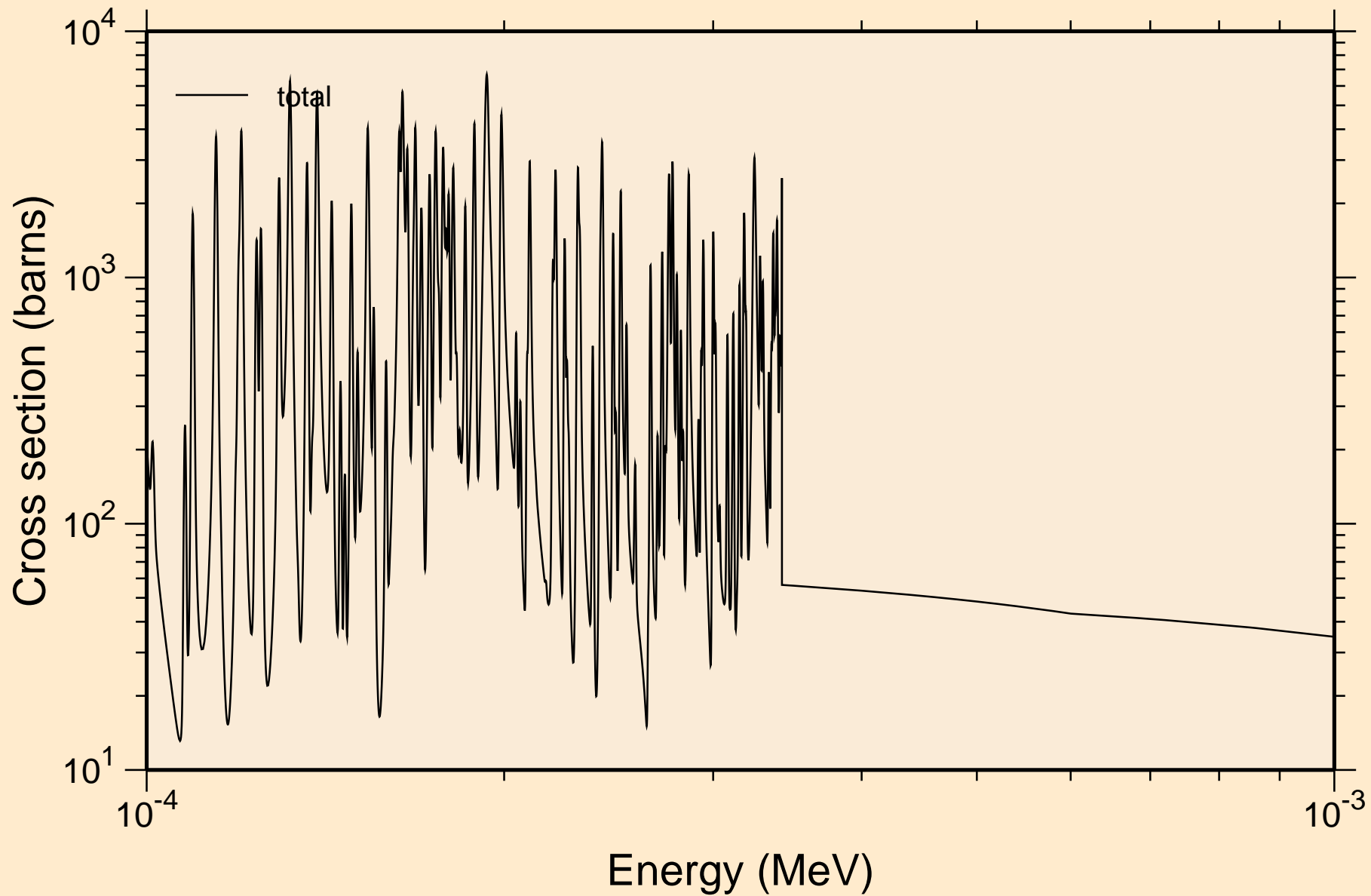


# HF177N NRG TENDL-2015, AKONING

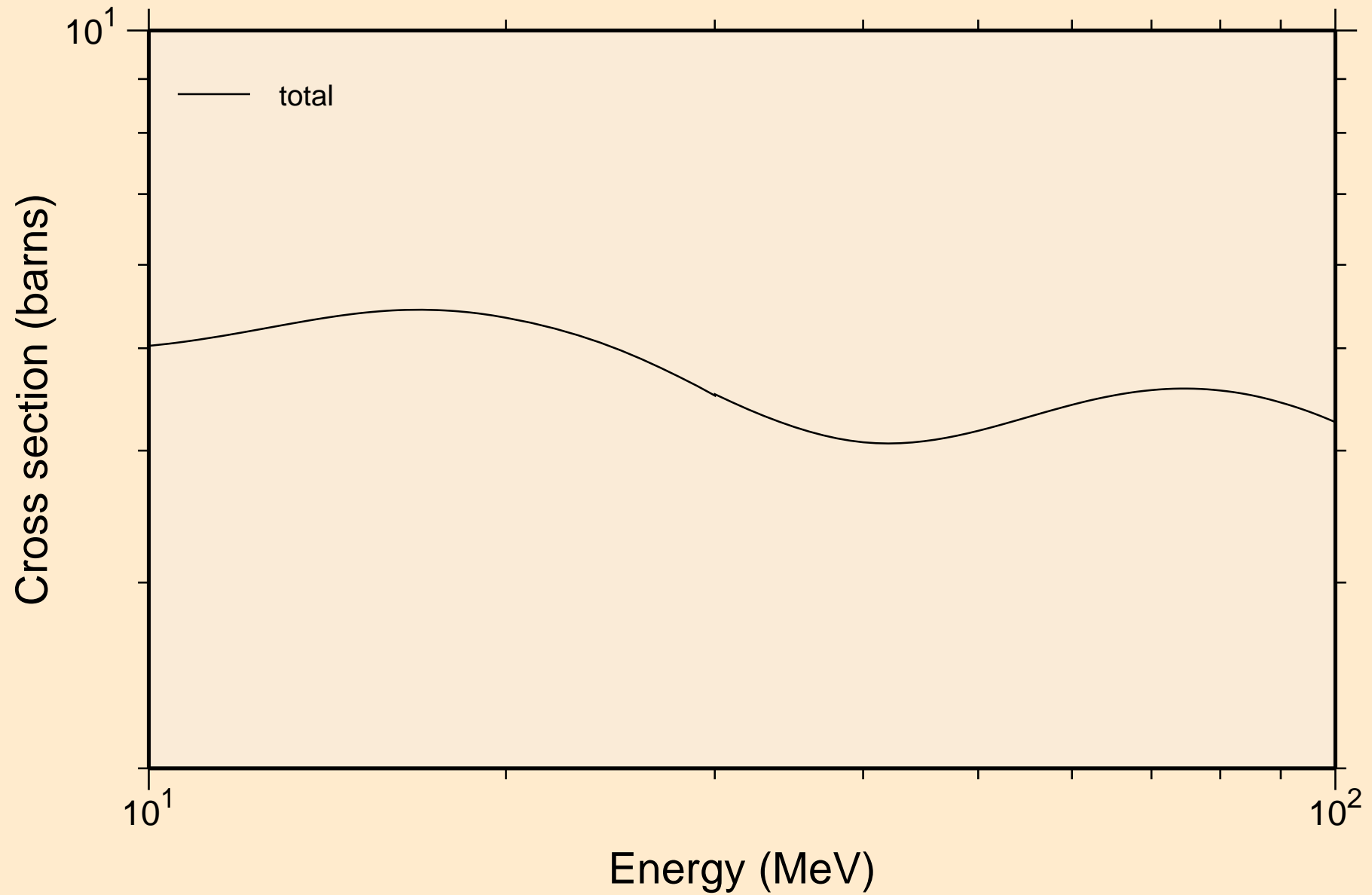
## resonance total cross section



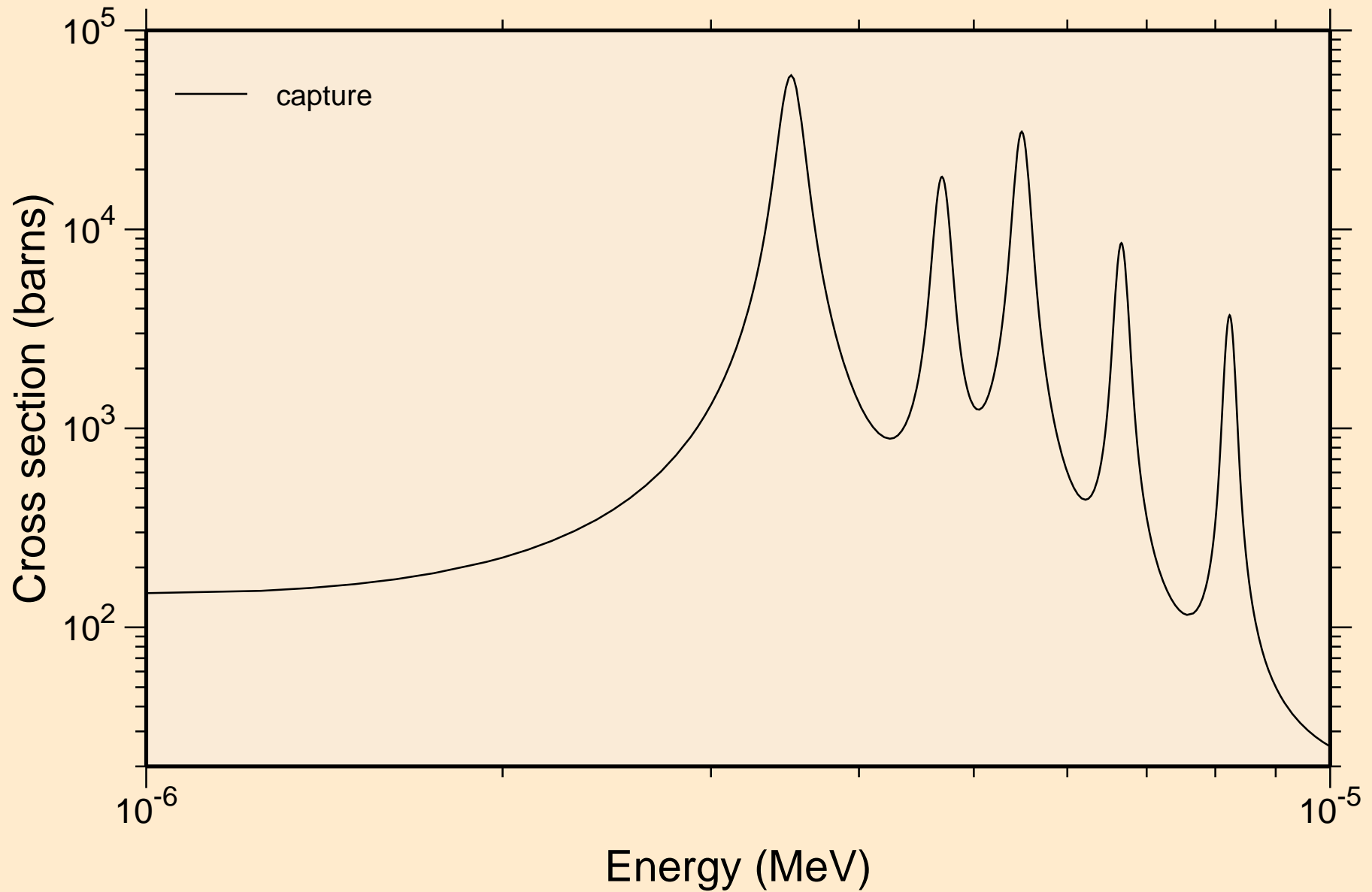
HF177N NRG TENDL-2015, AKONING  
resonance total cross section



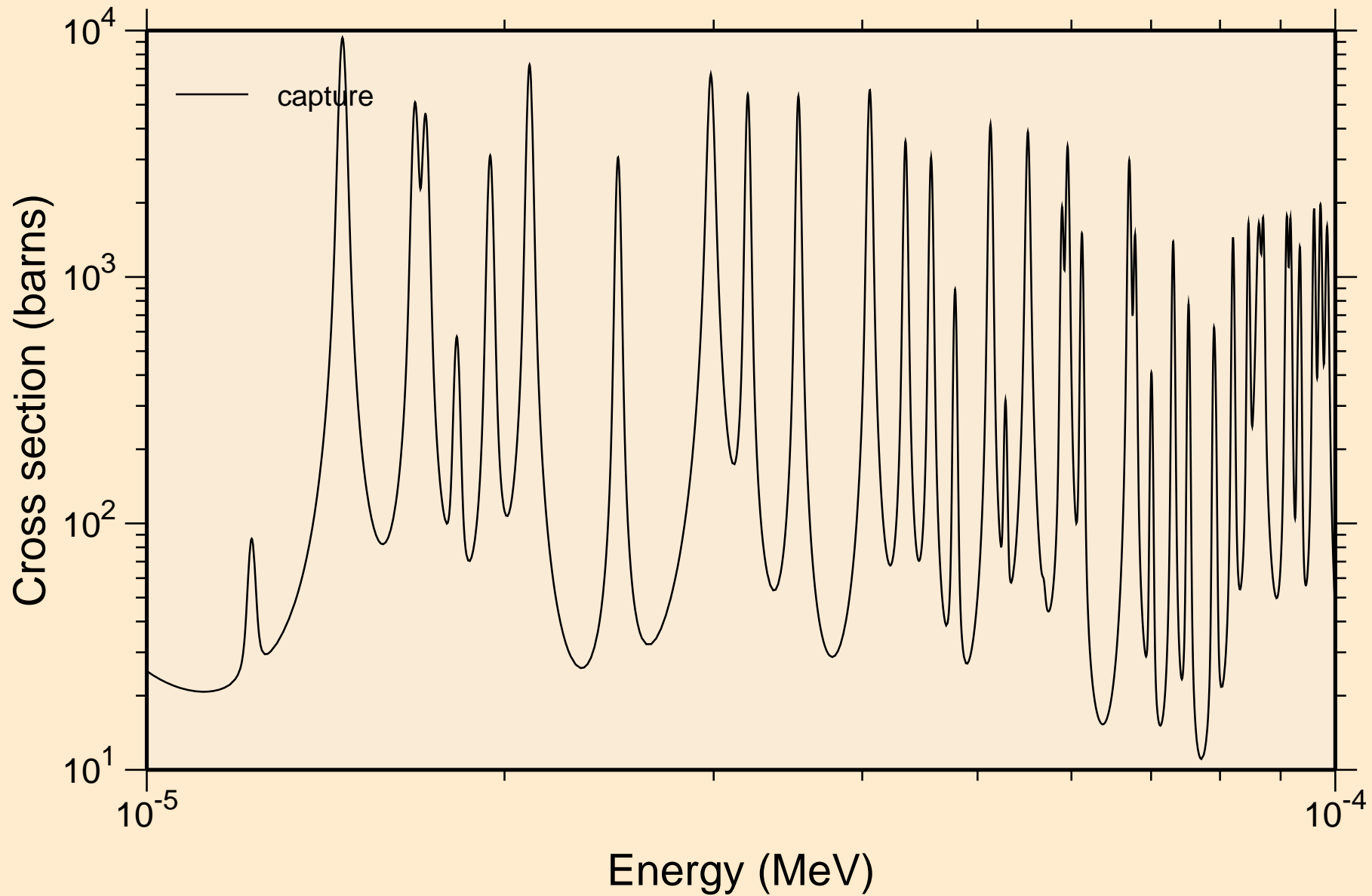
HF177N NRG TENDL-2015, AKONING  
resonance total cross section



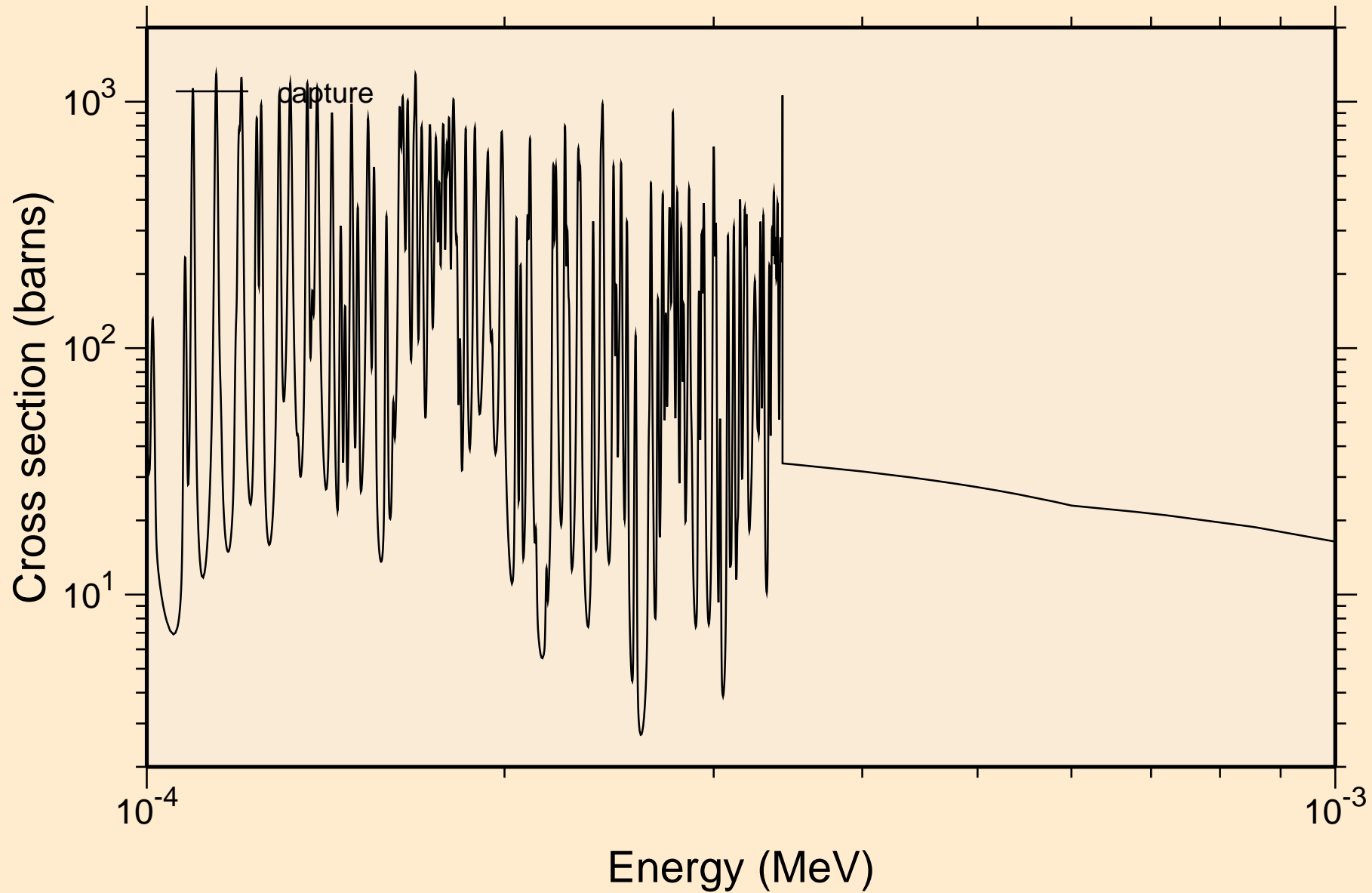
# HF177N NRG TENDL-2015, AKONING resonance absorption cross sections



# HF177N NRG TENDL-2015, AKONING resonance absorption cross sections

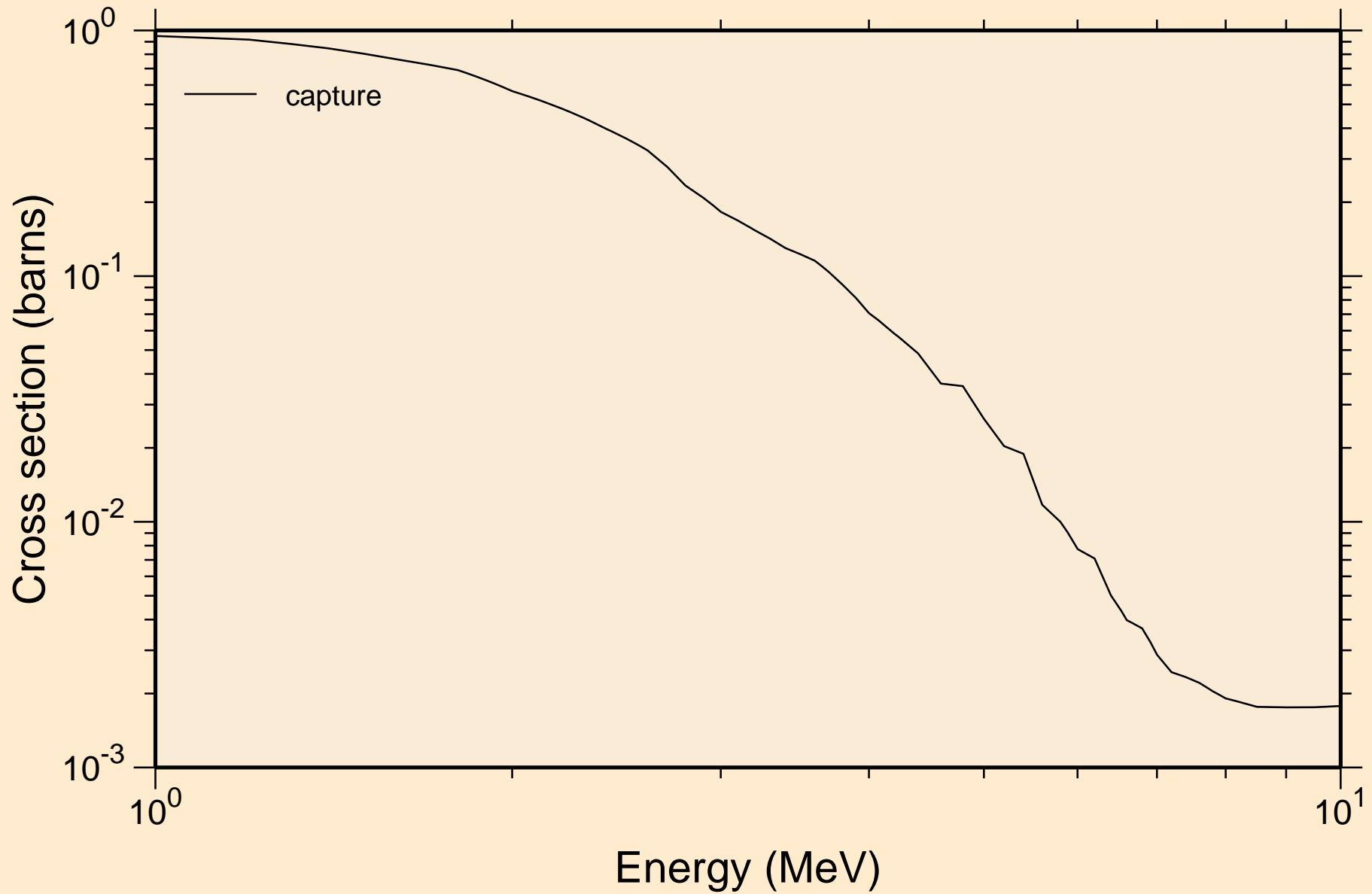


HF177N NRG TENDL-2015, AKONING  
resonance absorption cross sections



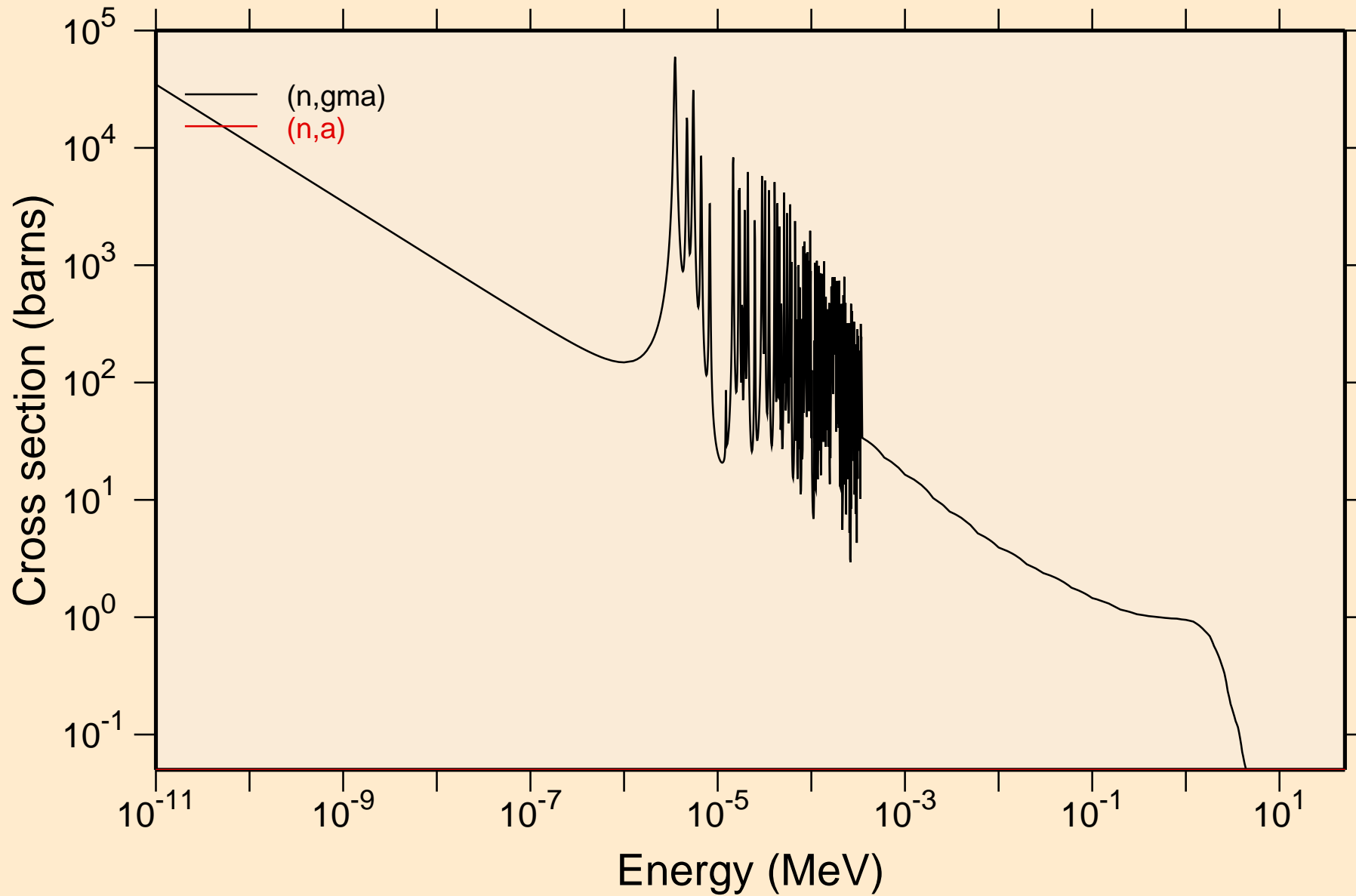


HF177N NRG TENDL-2015, AKONING  
resonance absorption cross sections



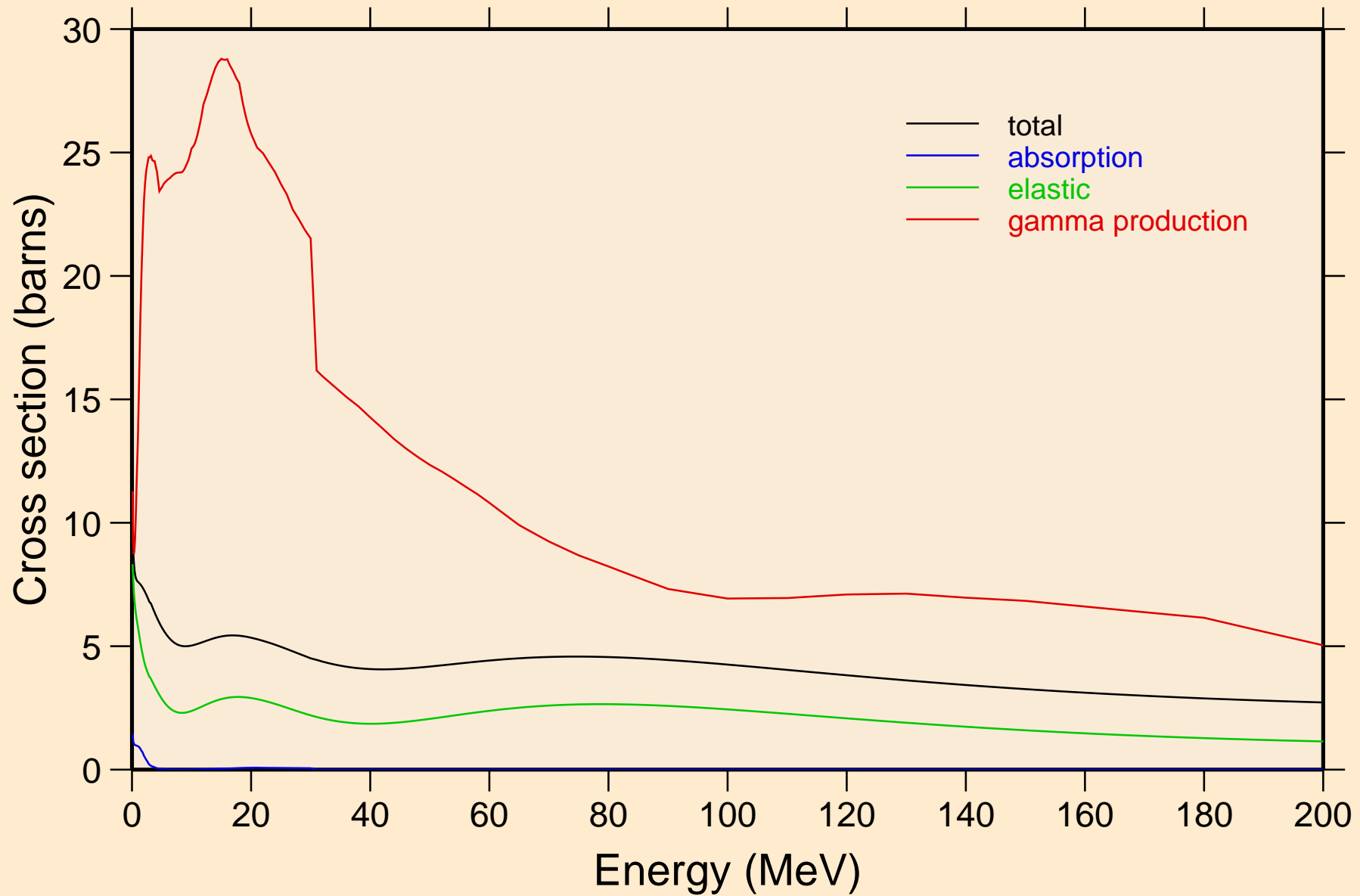
# HF177N NRG TENDL-2015, AKONING

## Non-threshold reactions



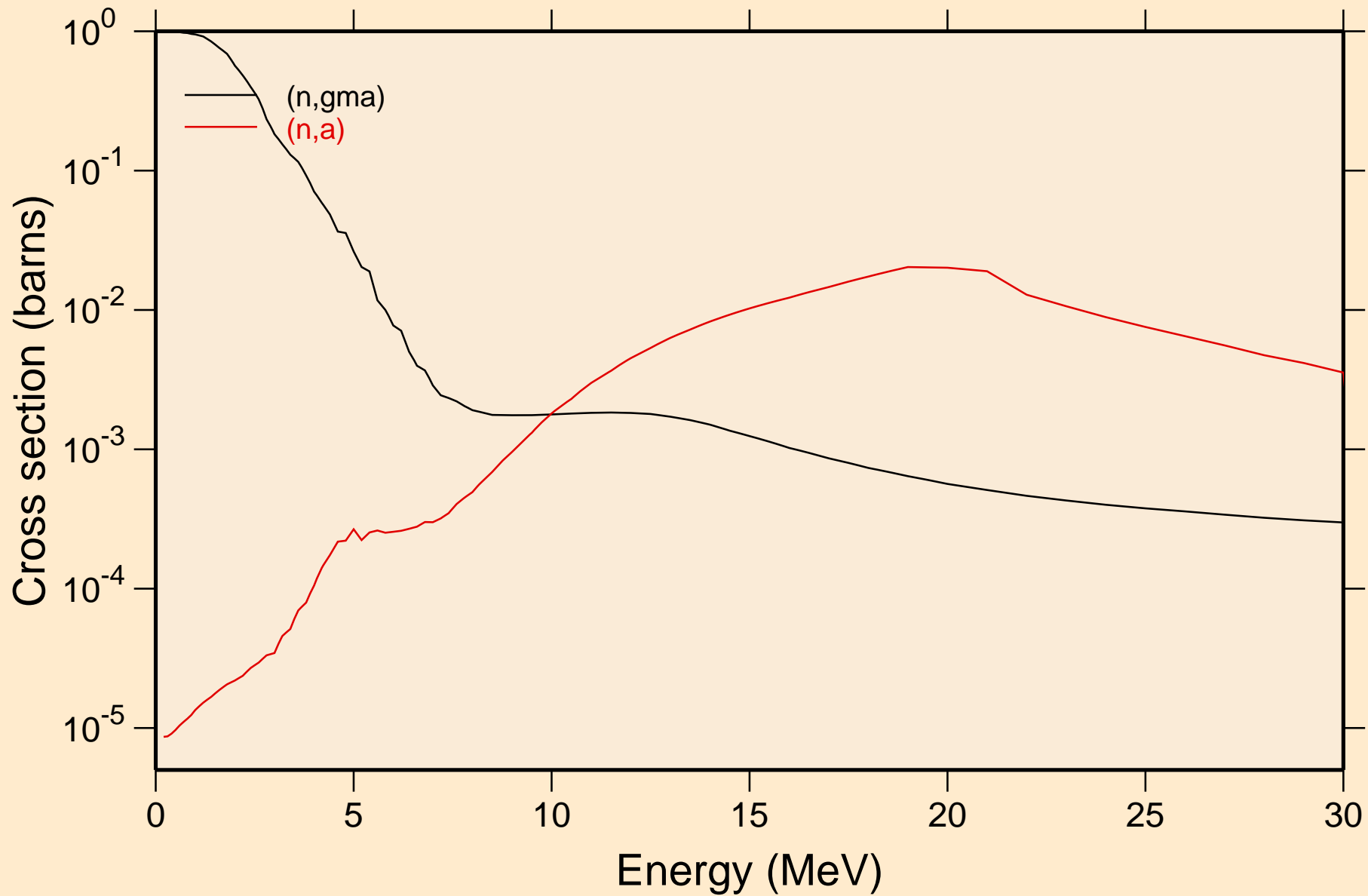
# HF177N NRG TENDL-2015, AKONING

## Principal cross sections



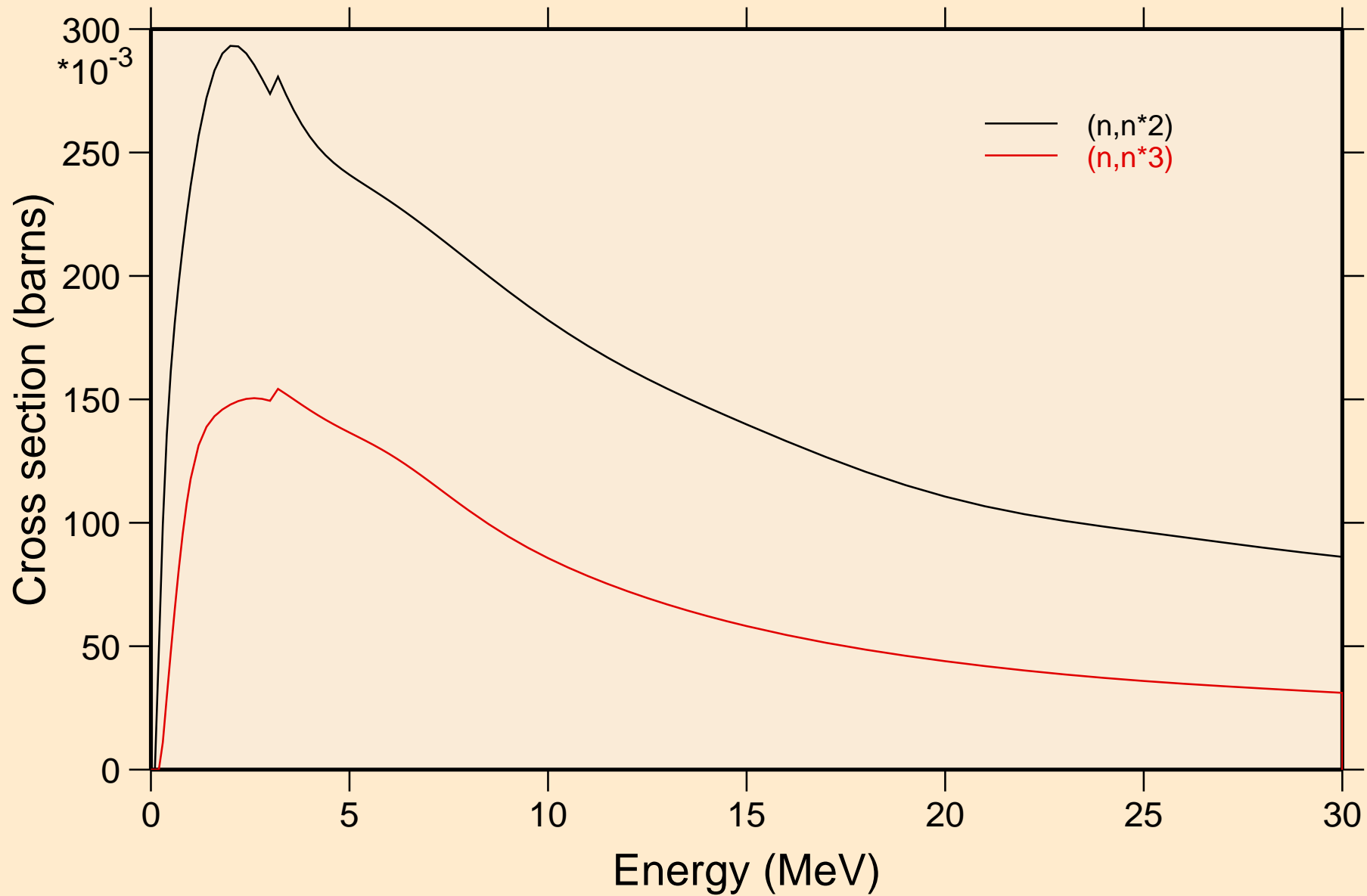
# HF177N NRG TENDL-2015, AKONING

## Non-threshold reactions

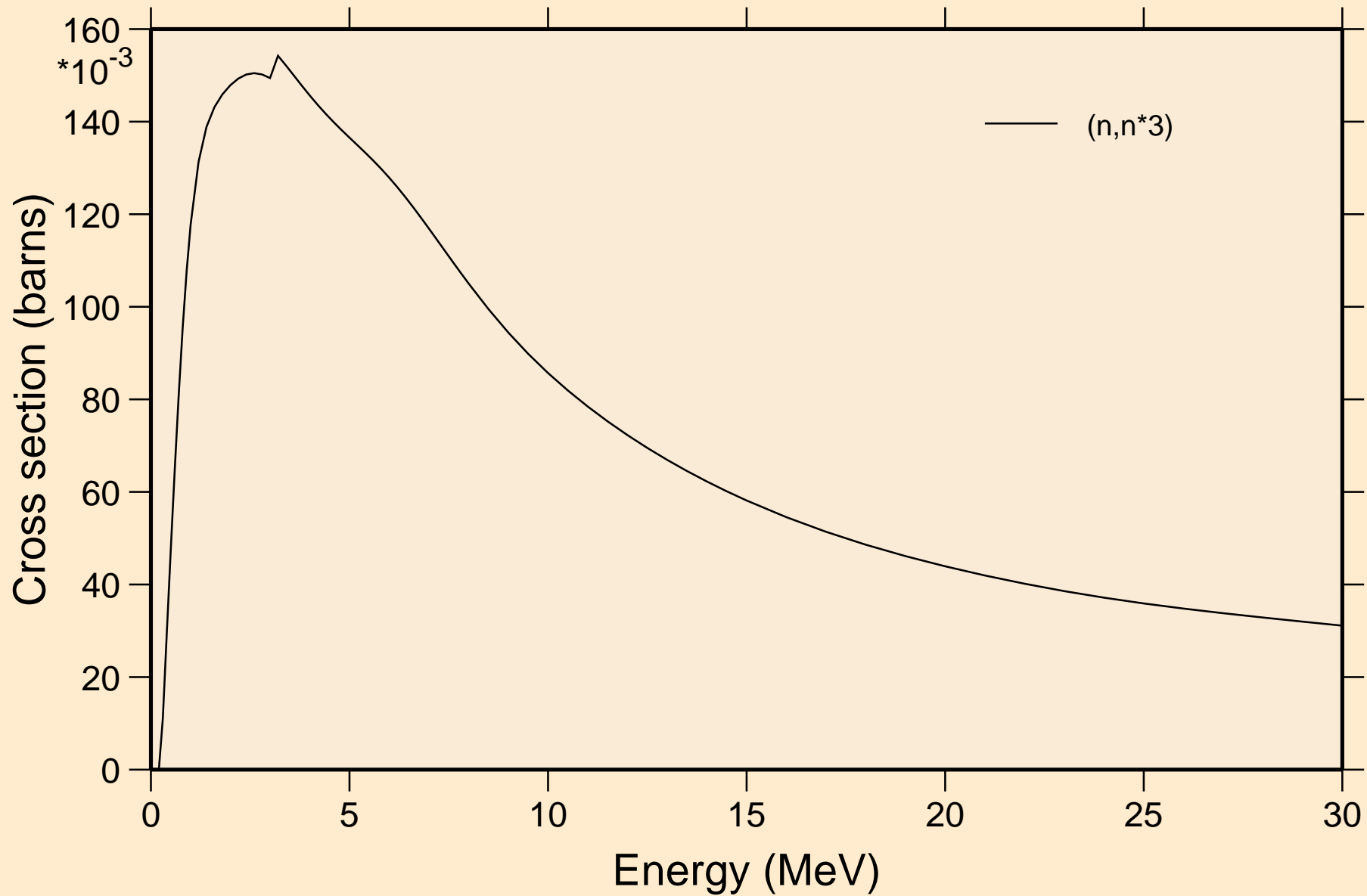


# HF177N NRG TENDL-2015, AKONING

## Inelastic levels

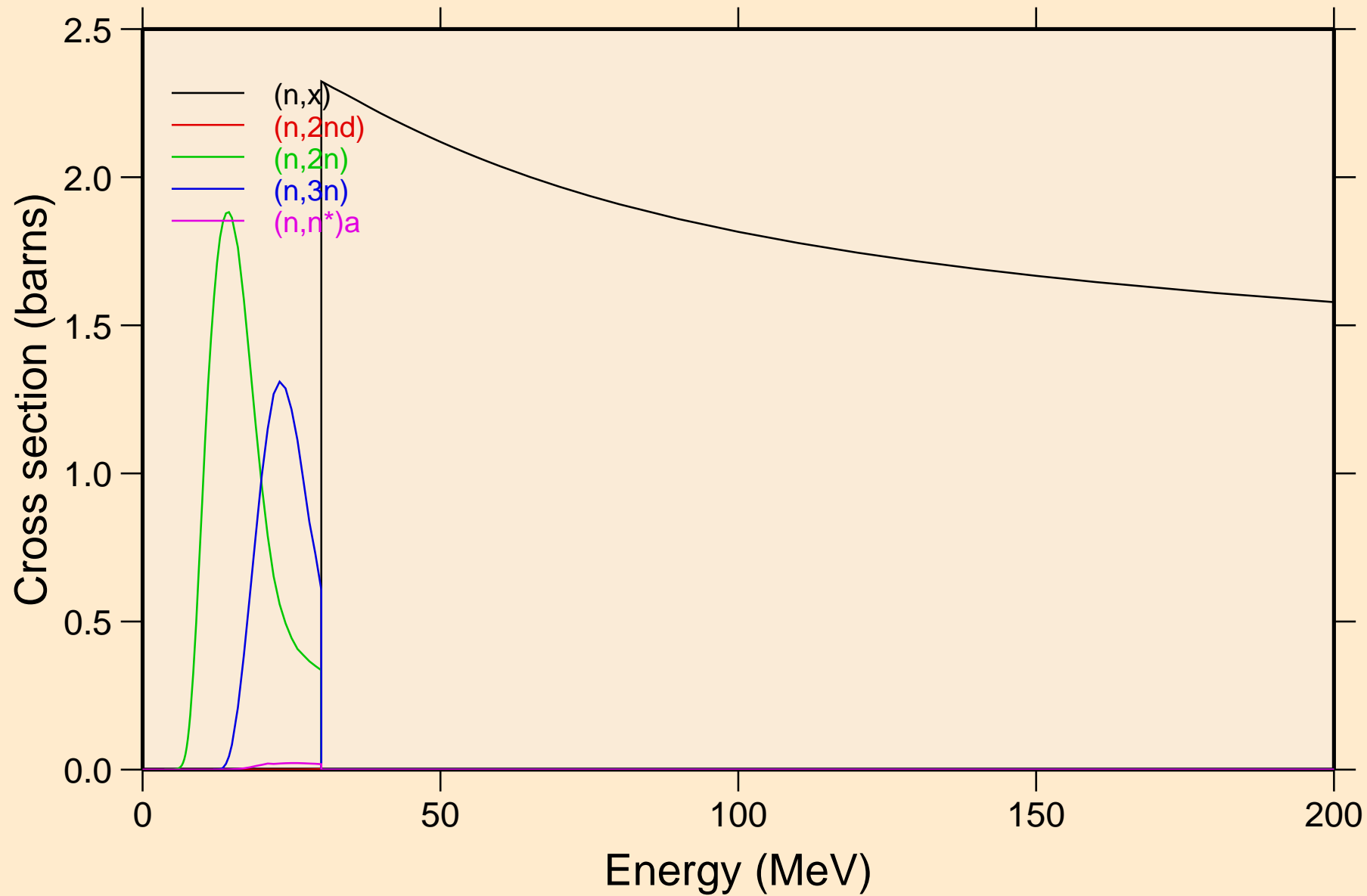


HF177N NRG TENDL-2015, AKONING  
Inelastic levels



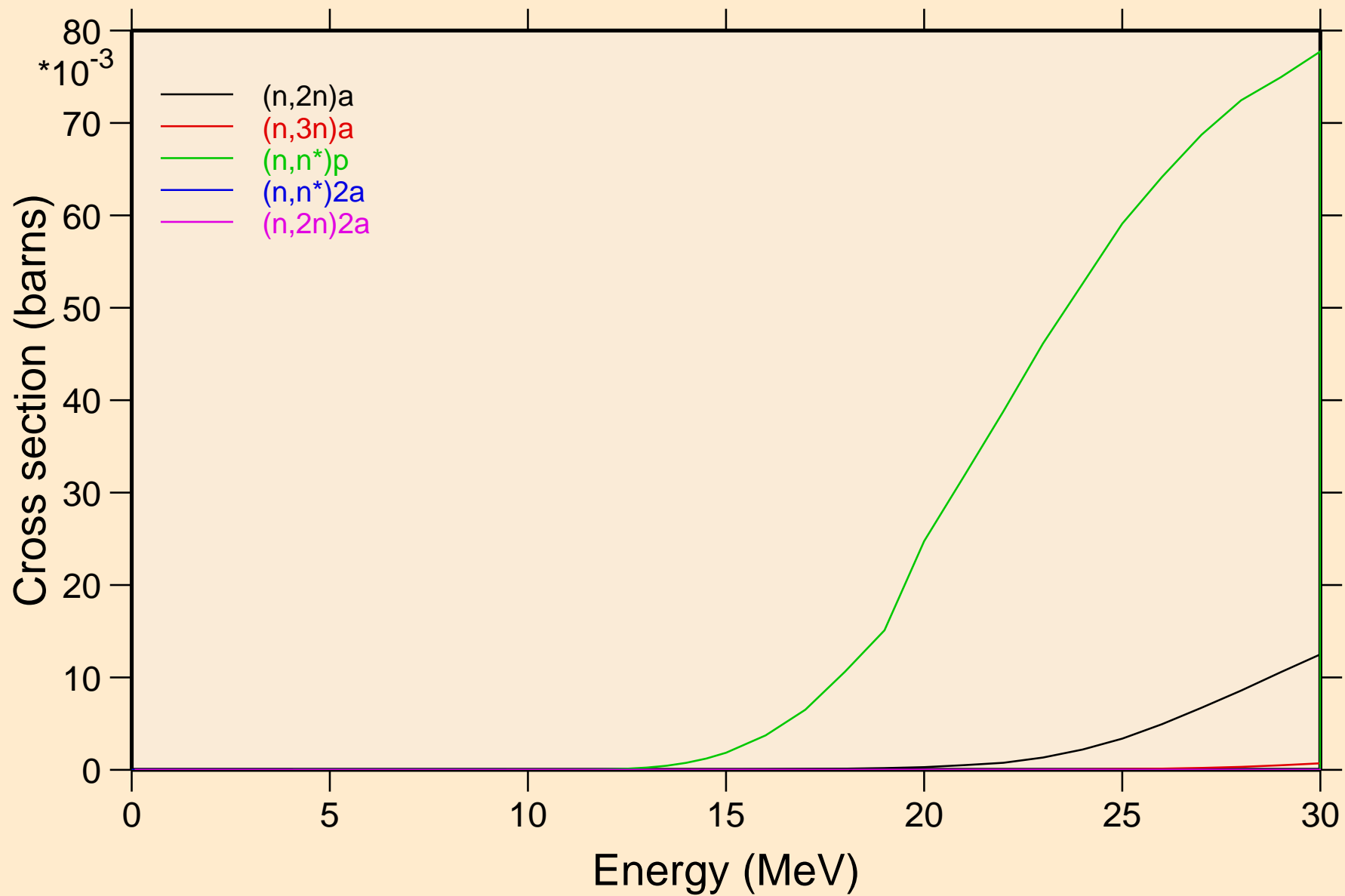
# HF177N NRG TENDL-2015, AKONING

## Threshold reactions



# HF177N NRG TENDL-2015, AKONING

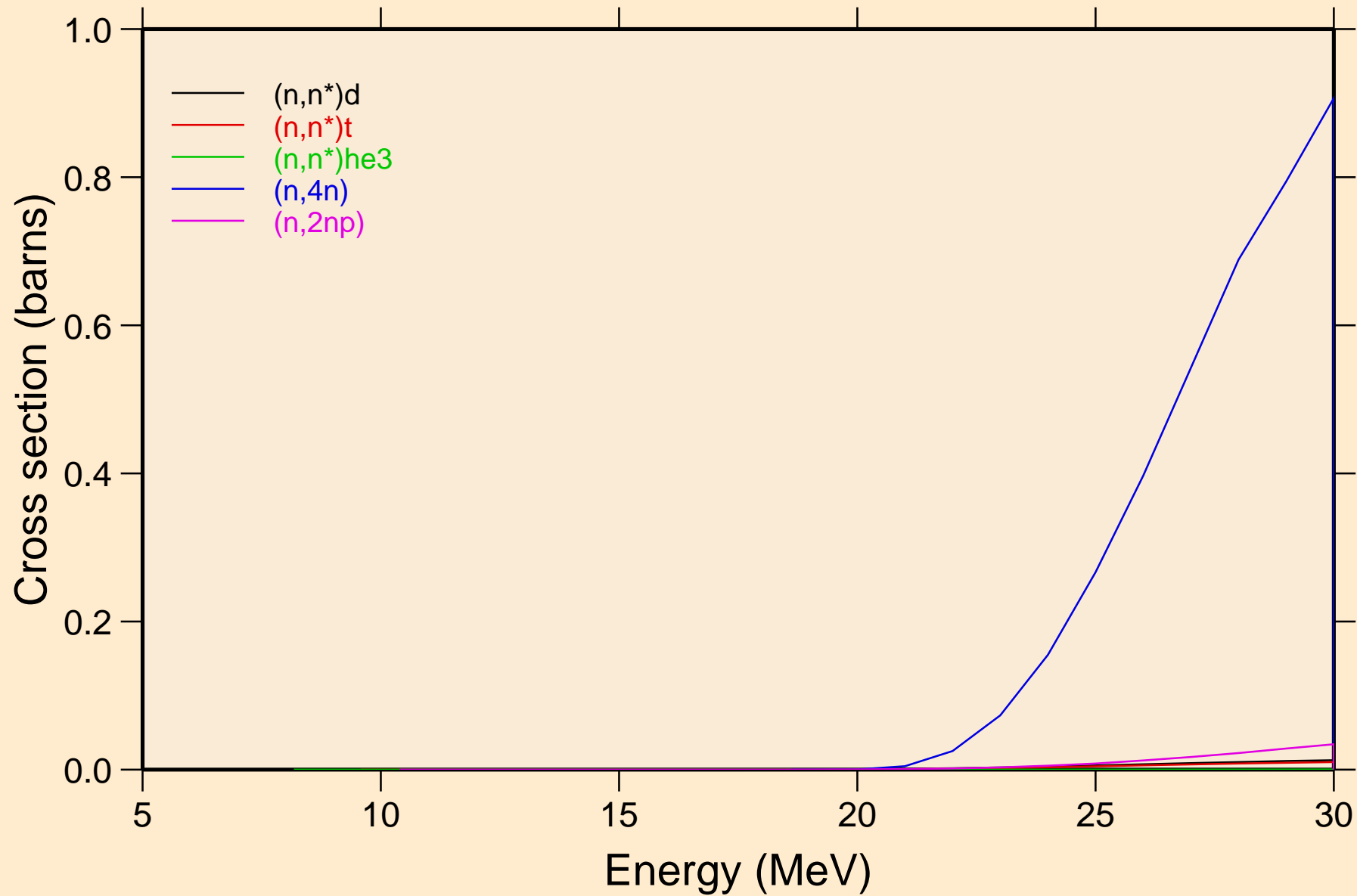
## Threshold reactions





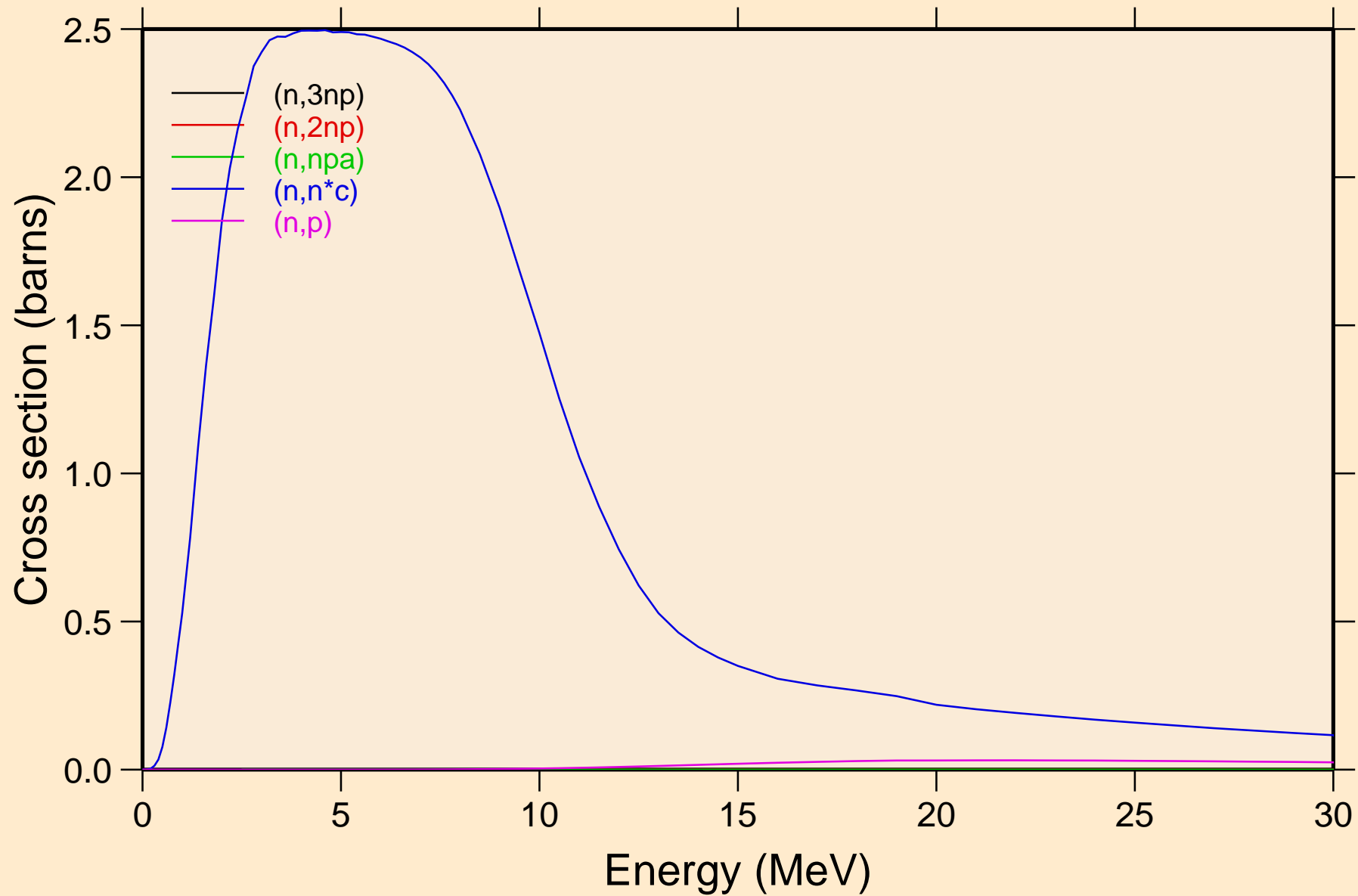
# HF177N NRG TENDL-2015, AKONING

## Threshold reactions



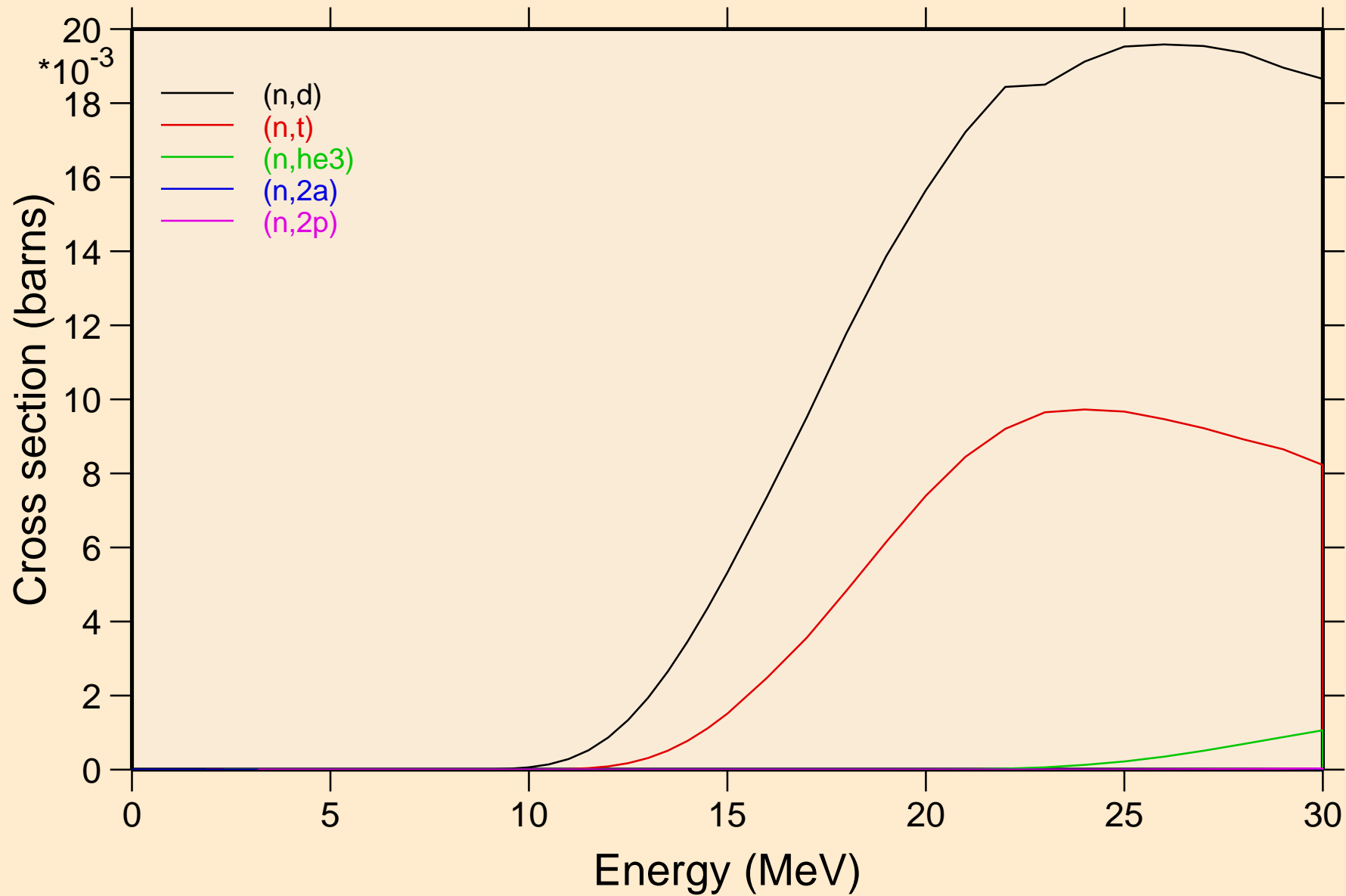
# HF177N NRG TENDL-2015, AKONING

## Threshold reactions



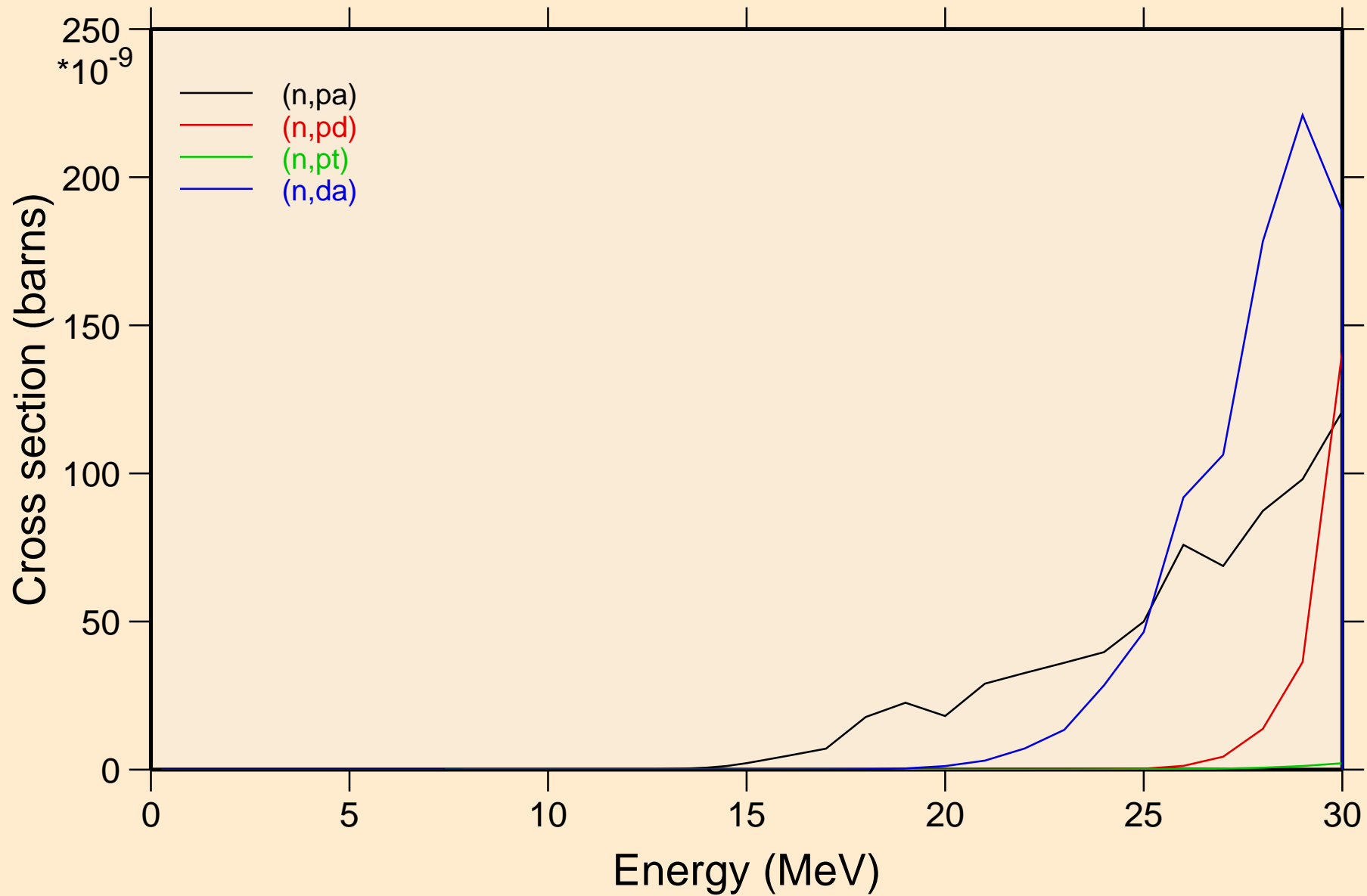
# HF177N NRG TENDL-2015, AKONING

## Threshold reactions

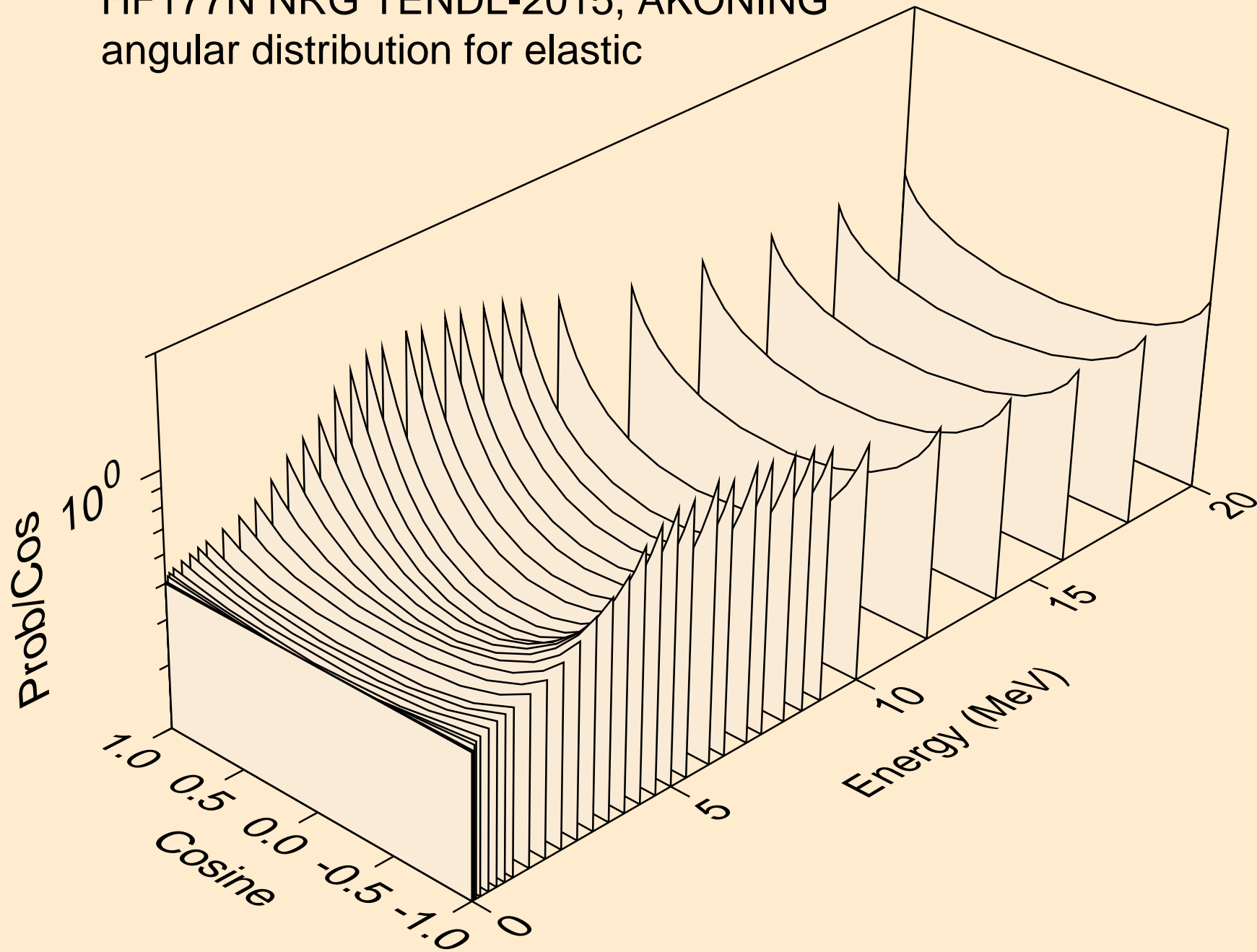


# HF177N NRG TENDL-2015, AKONING

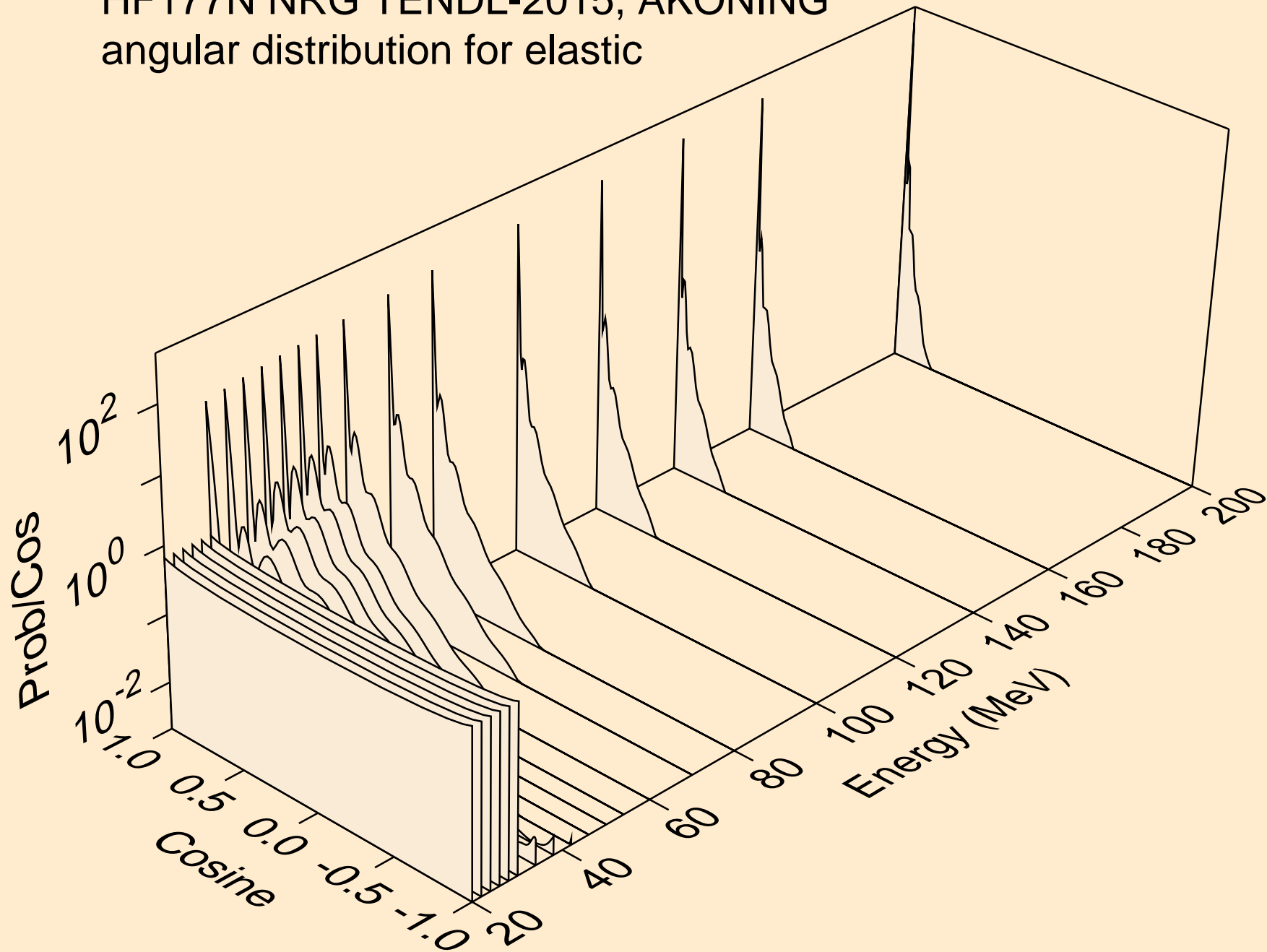
## Threshold reactions



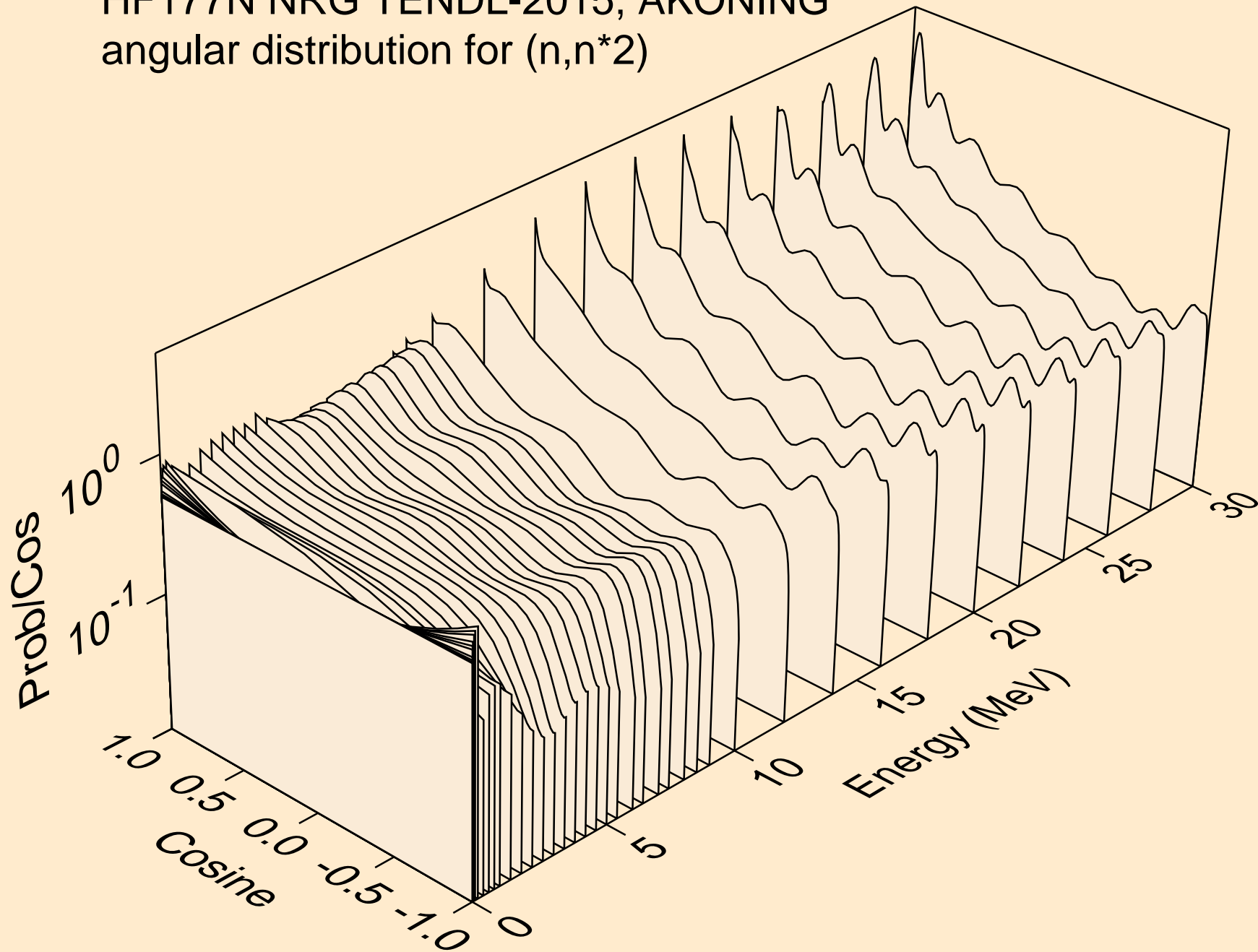
HF177N NRG TENDL-2015, AKONING  
angular distribution for elastic



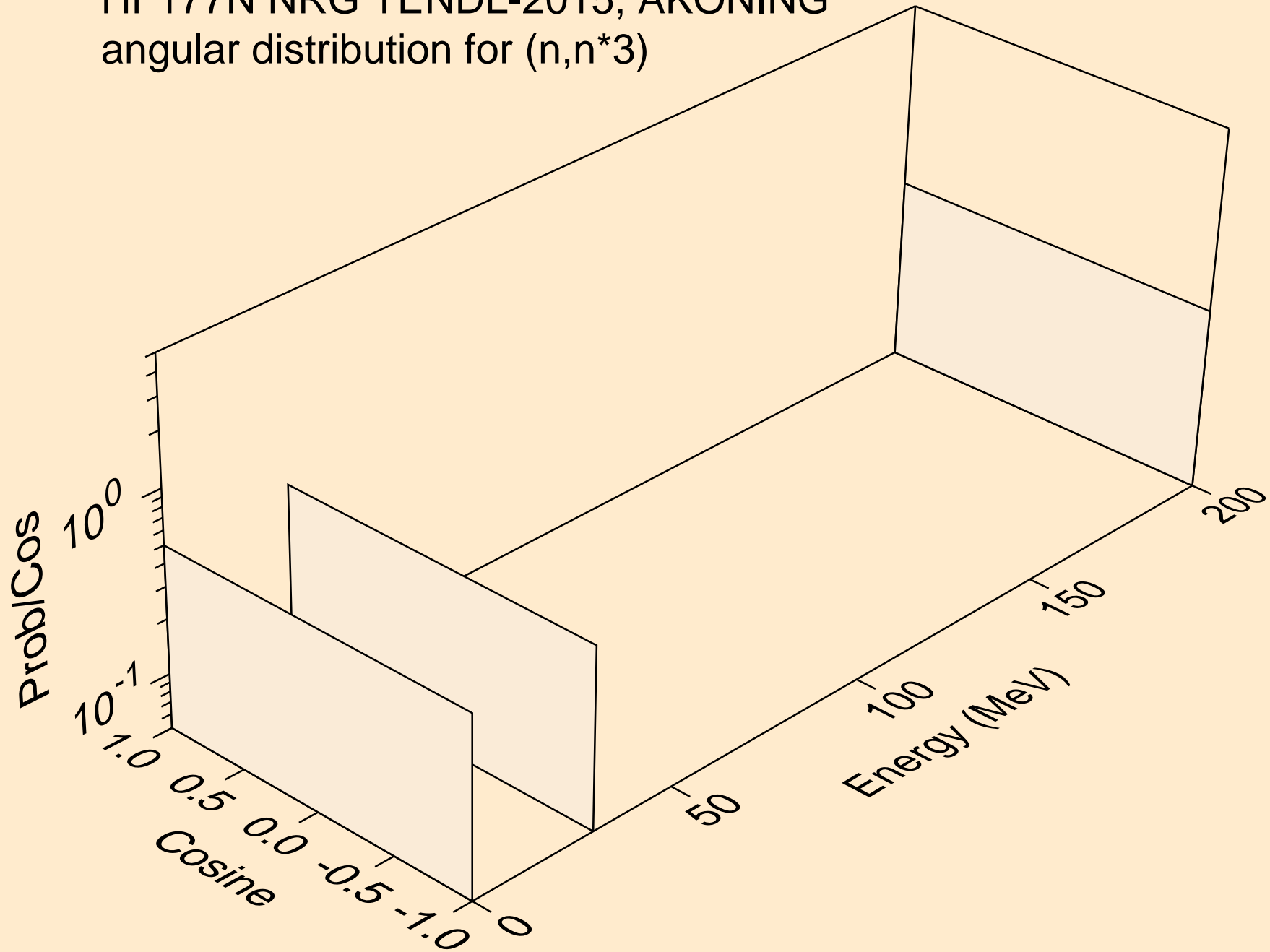
HF177N NRG TENDL-2015, AKONING  
angular distribution for elastic



HF177N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

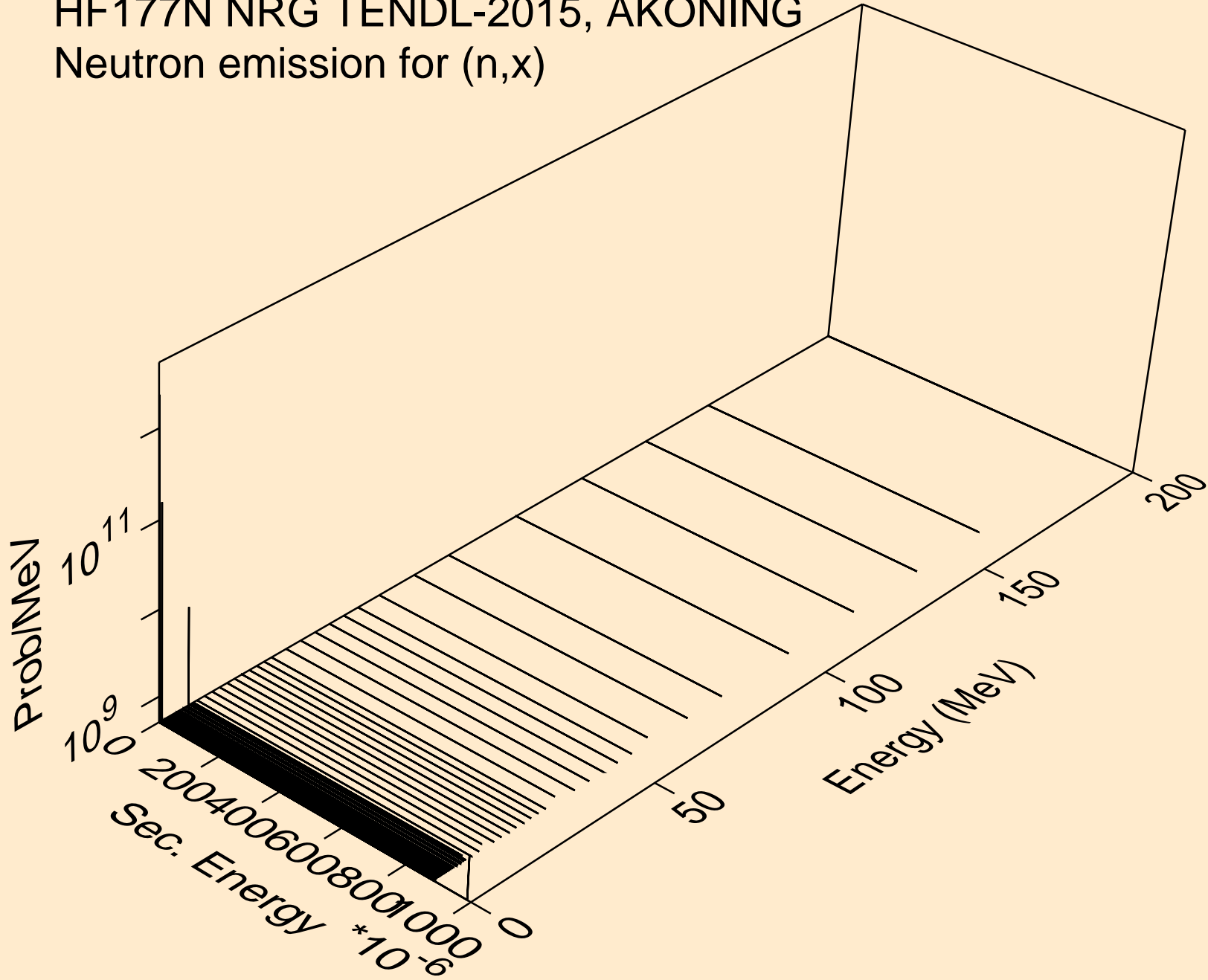


HF177N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

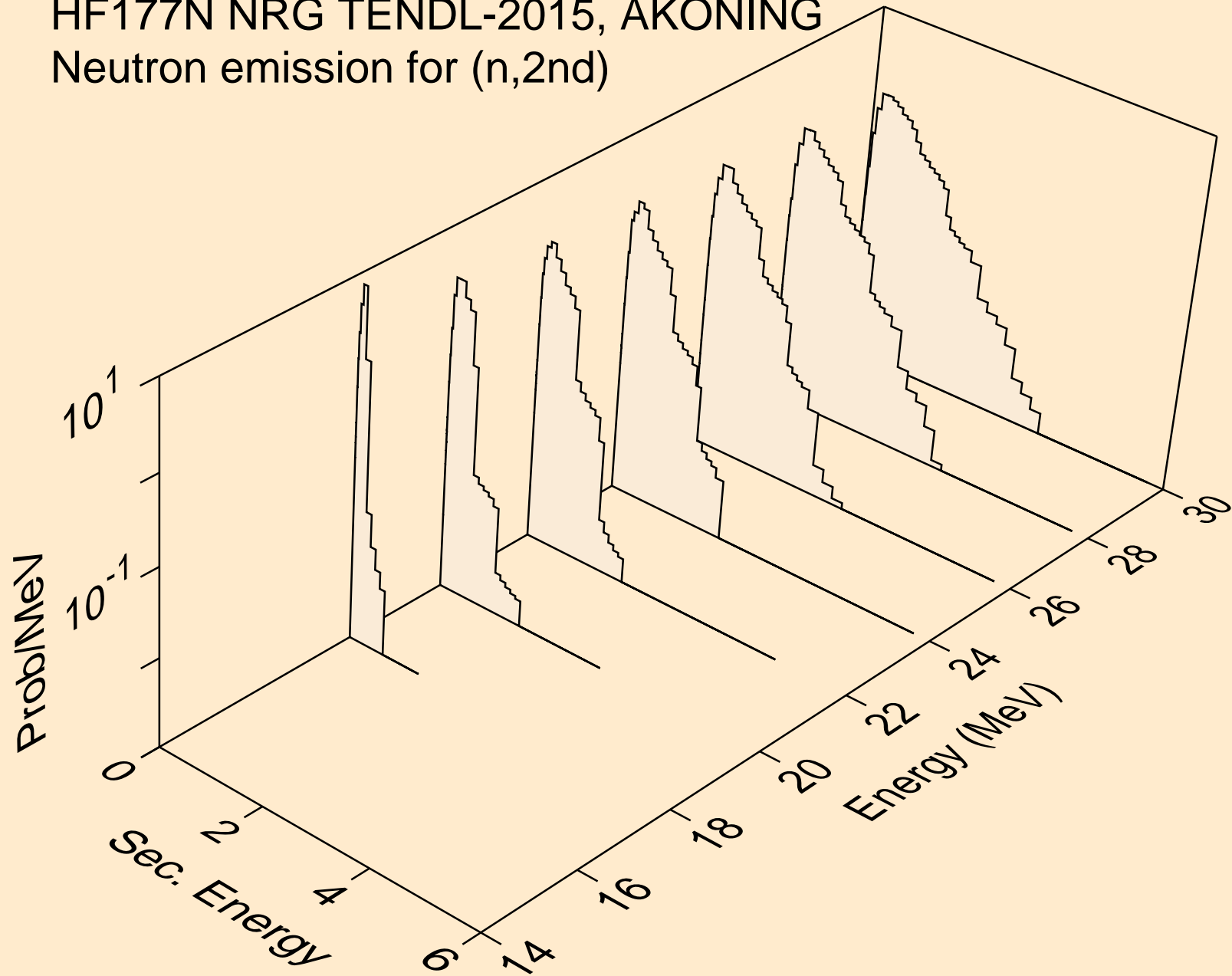




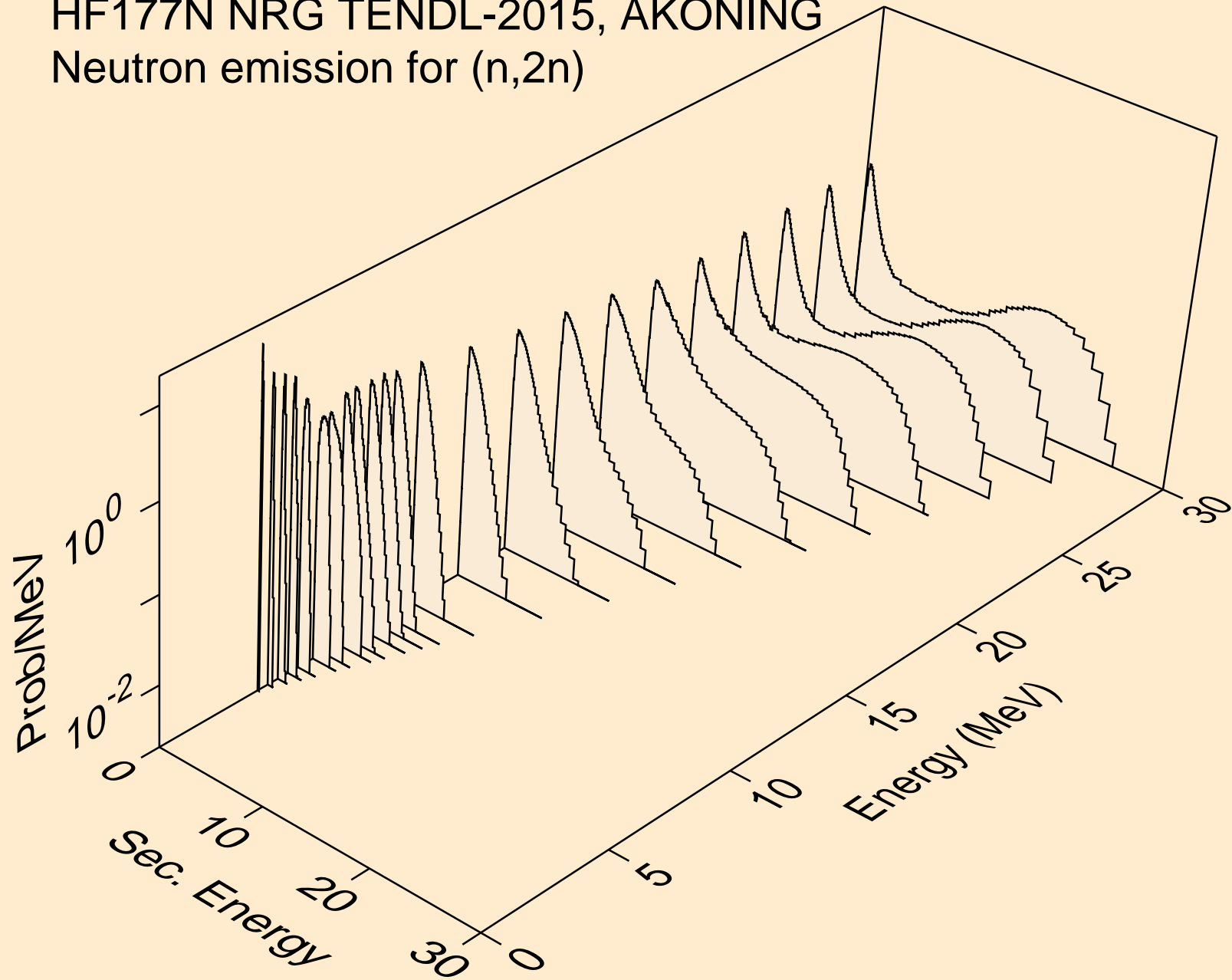
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



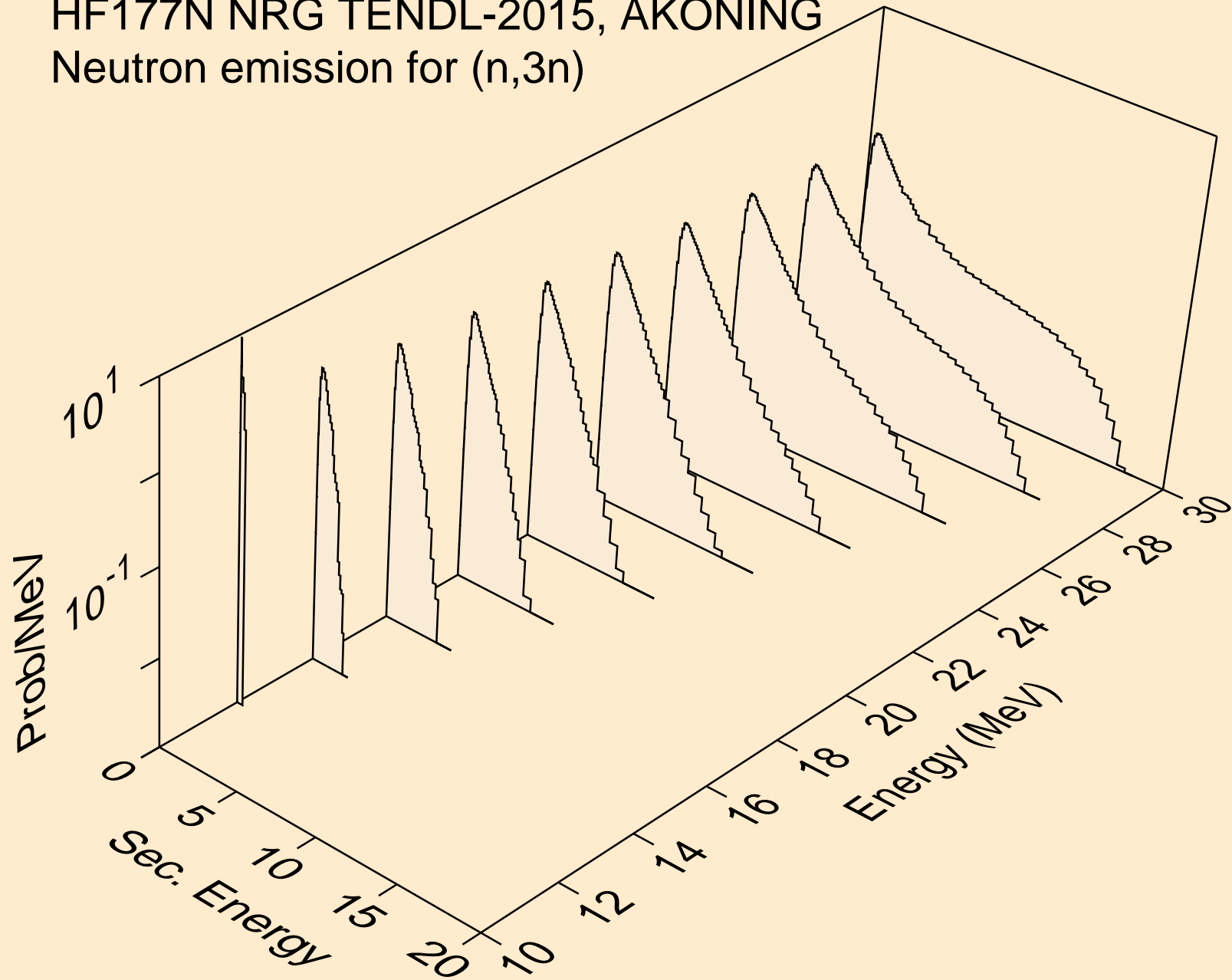
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



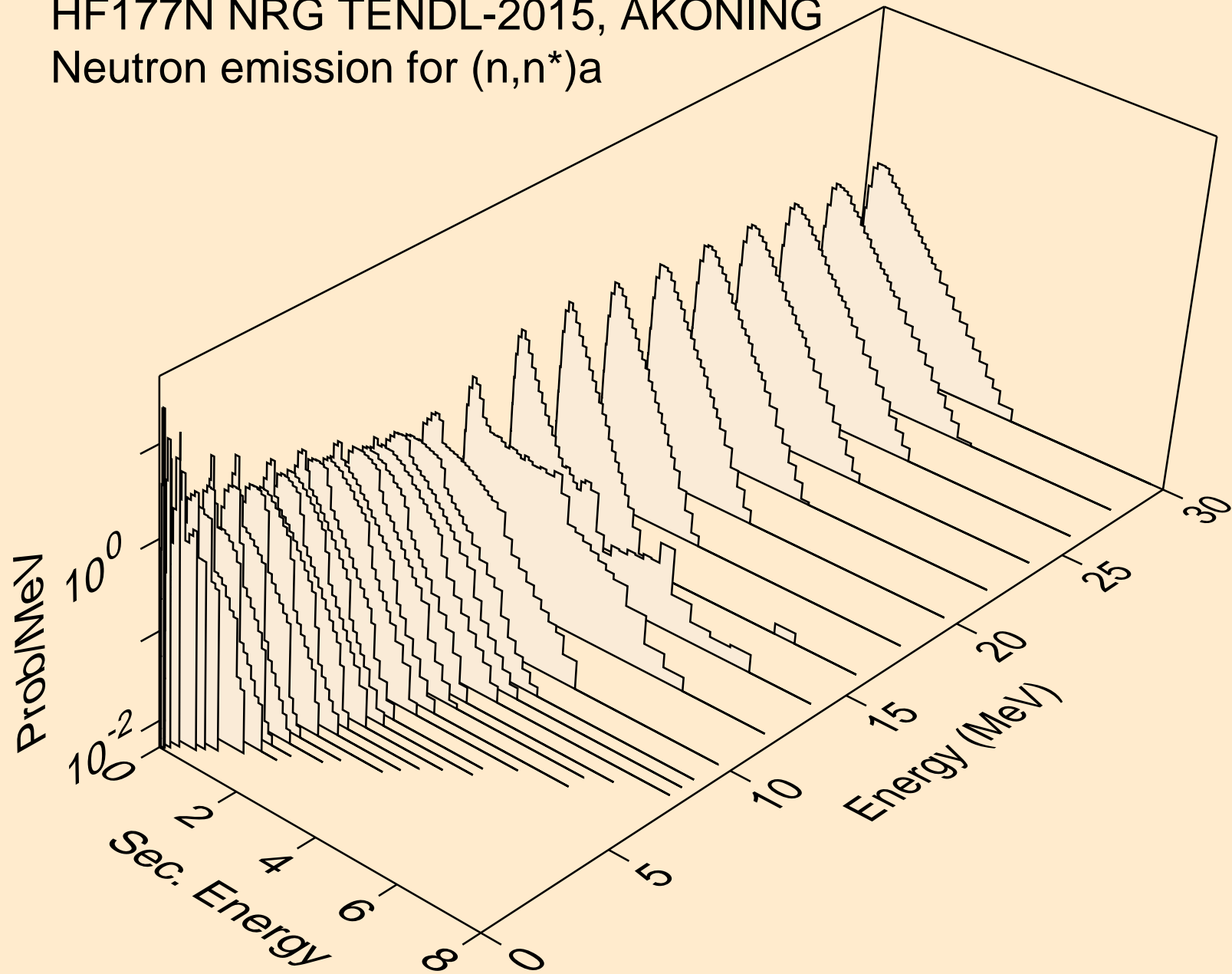
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



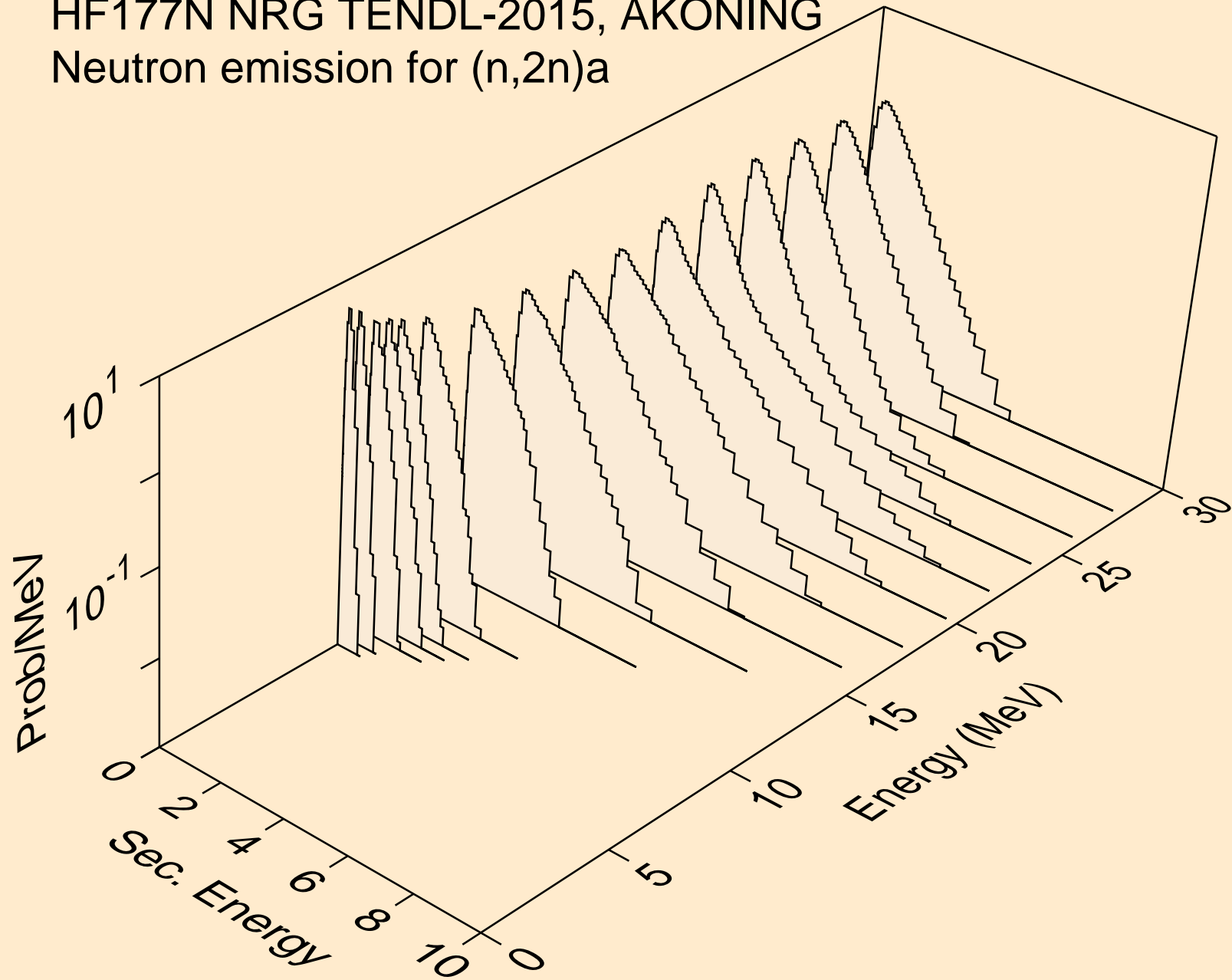
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



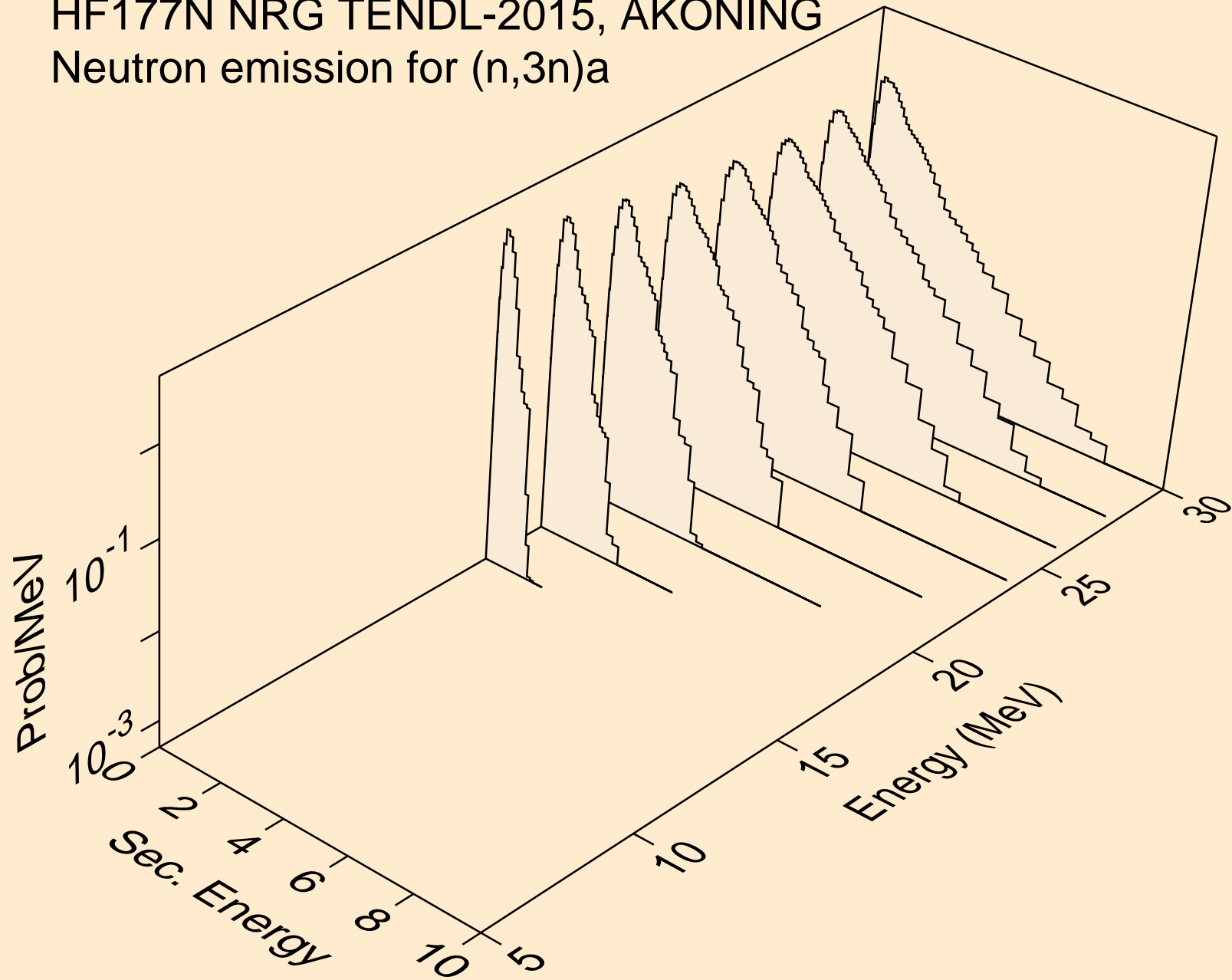
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



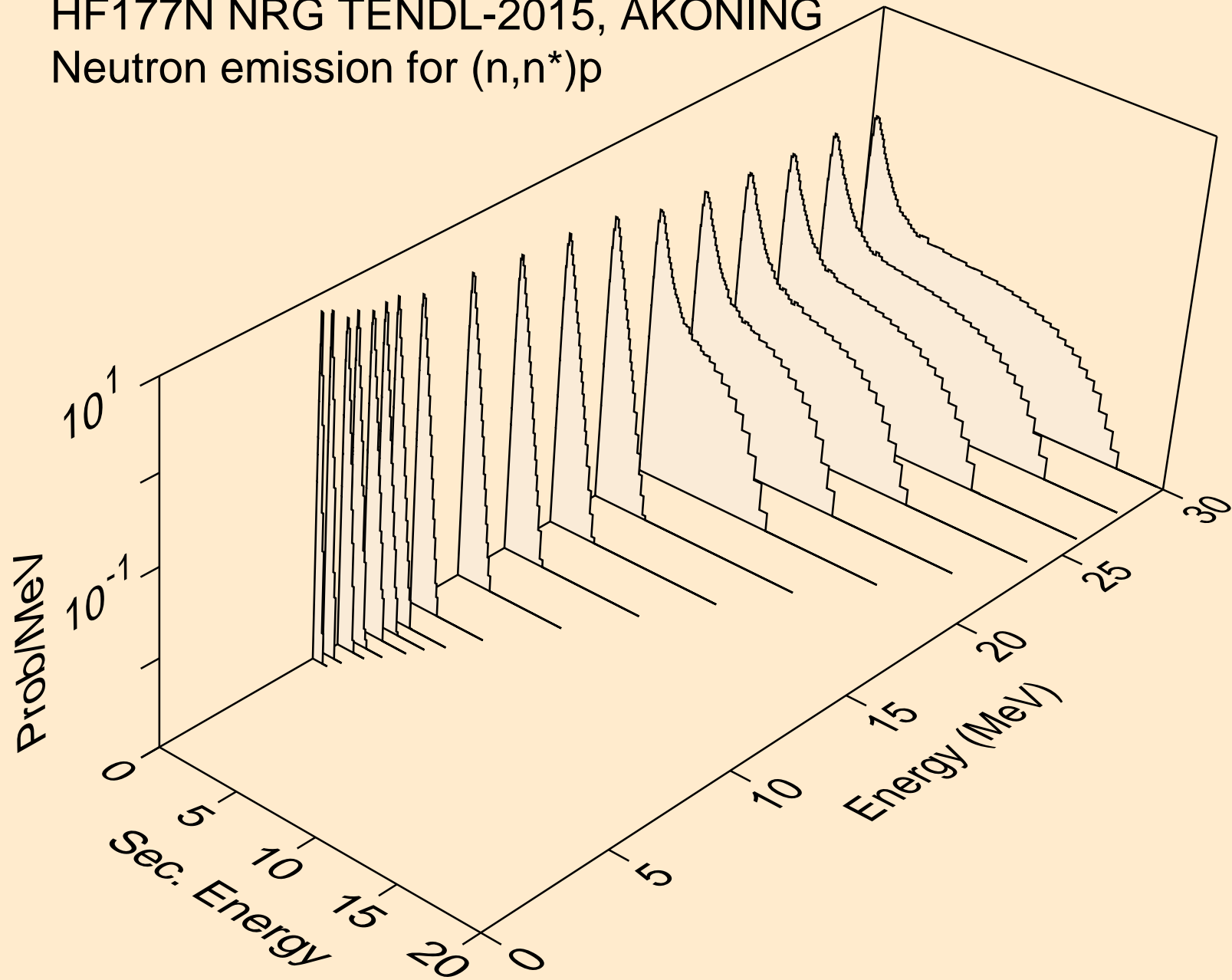
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

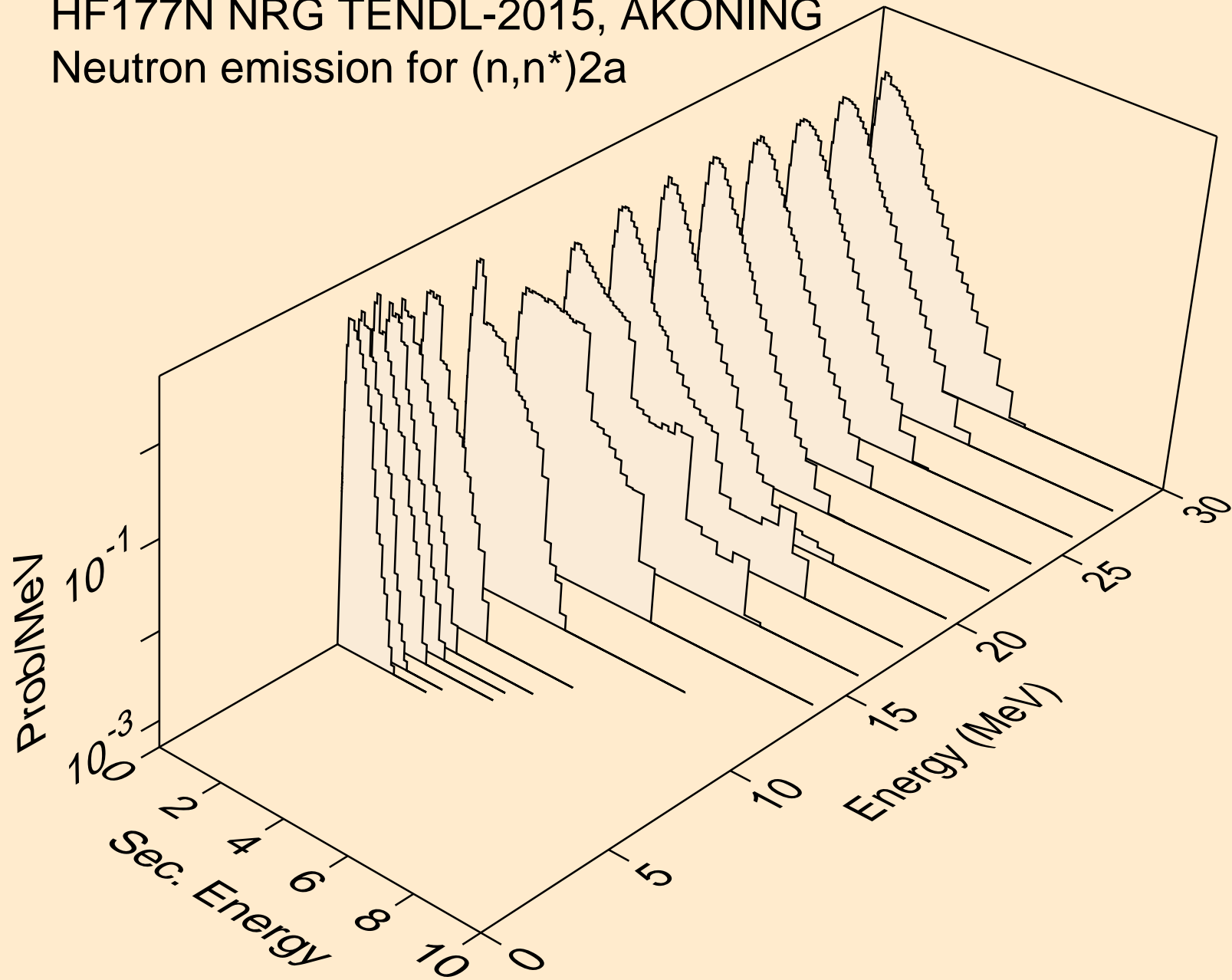


HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

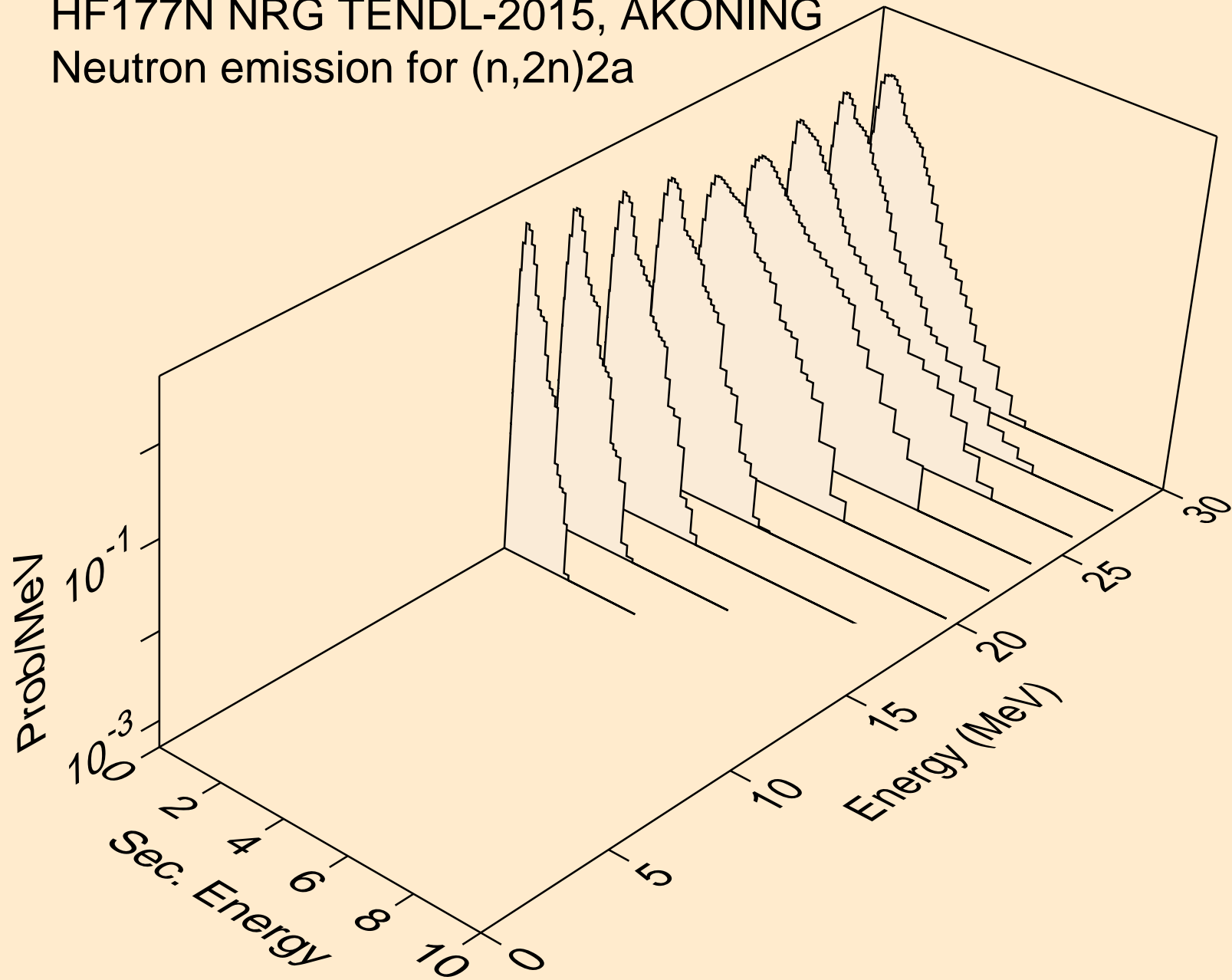




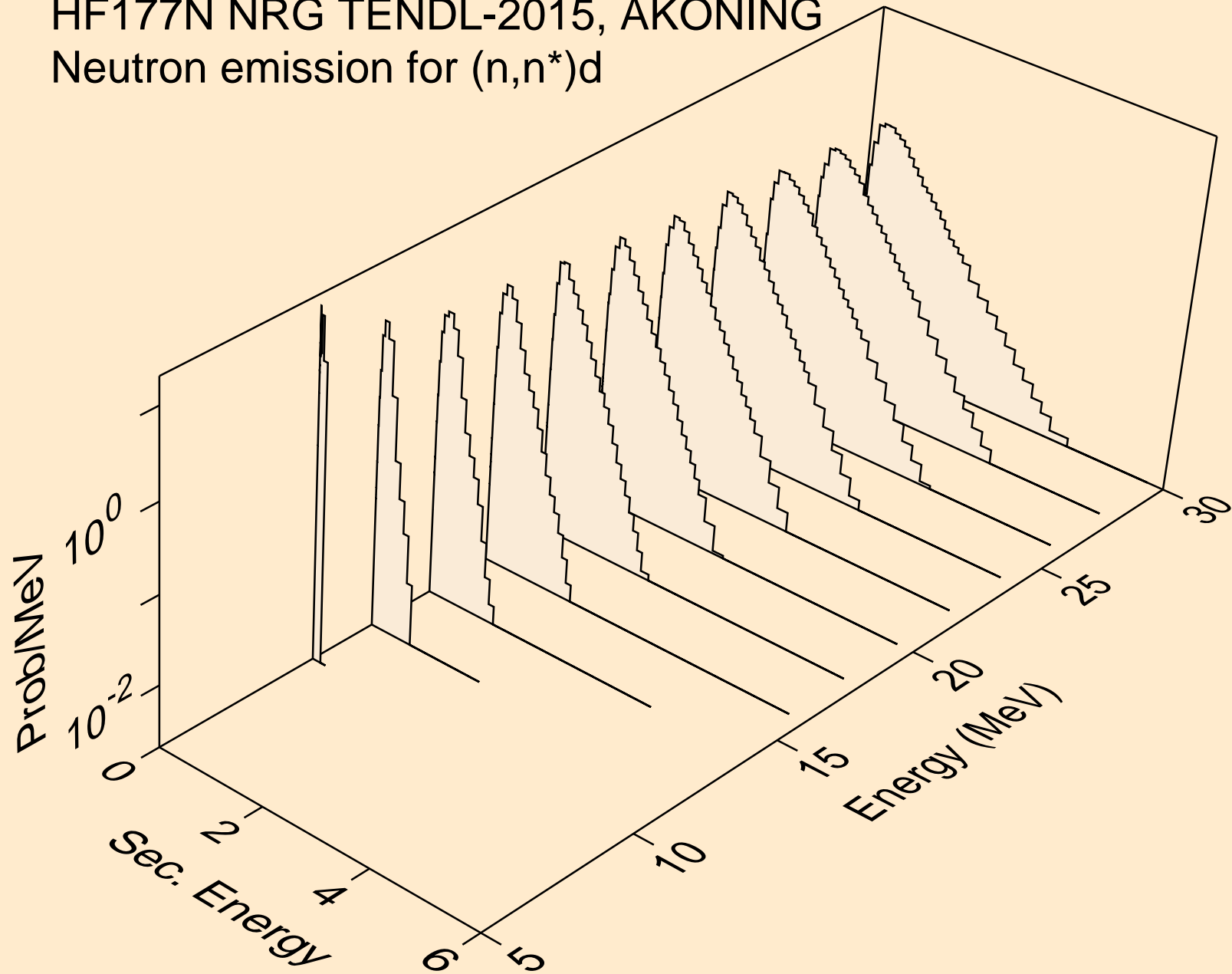
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



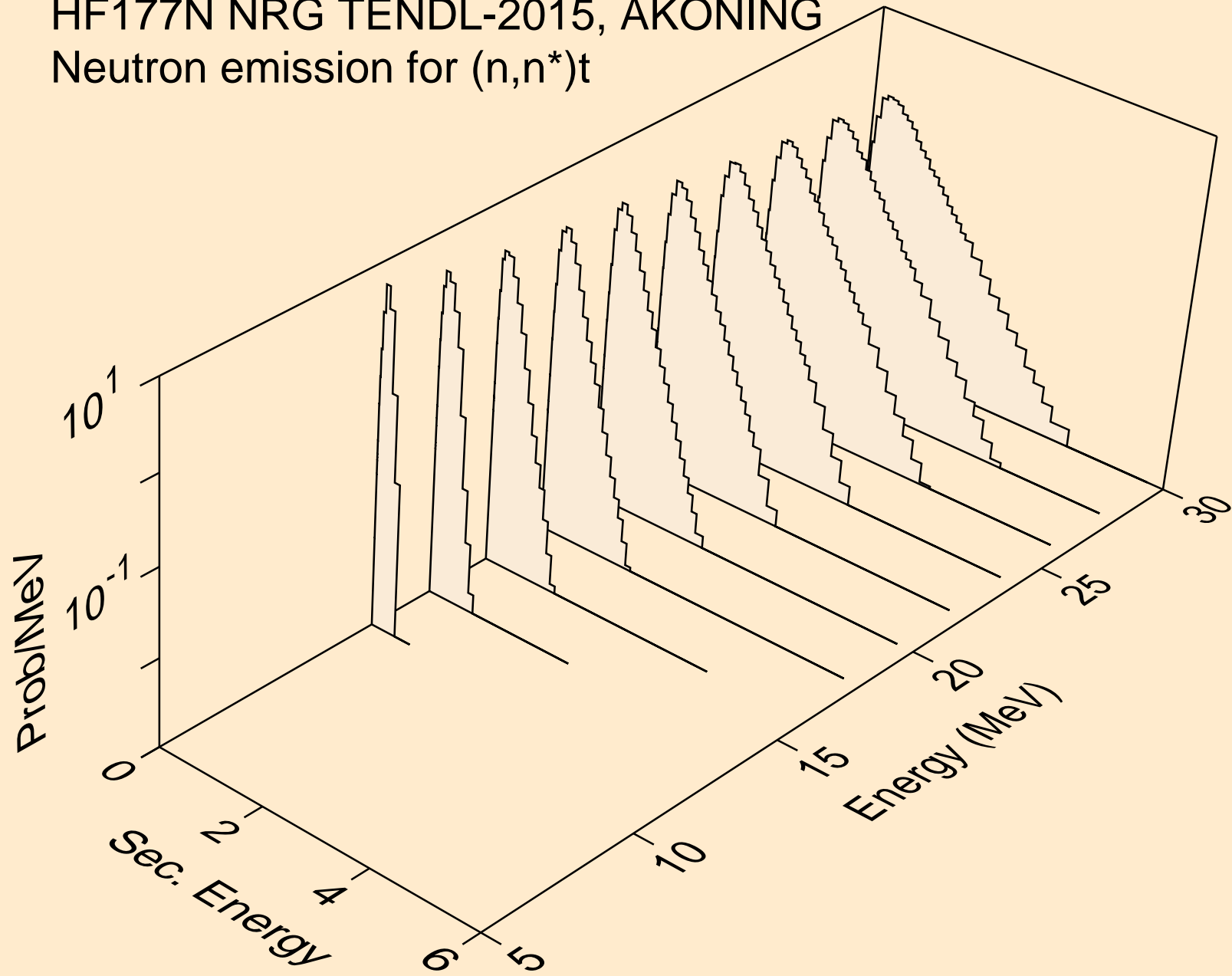
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



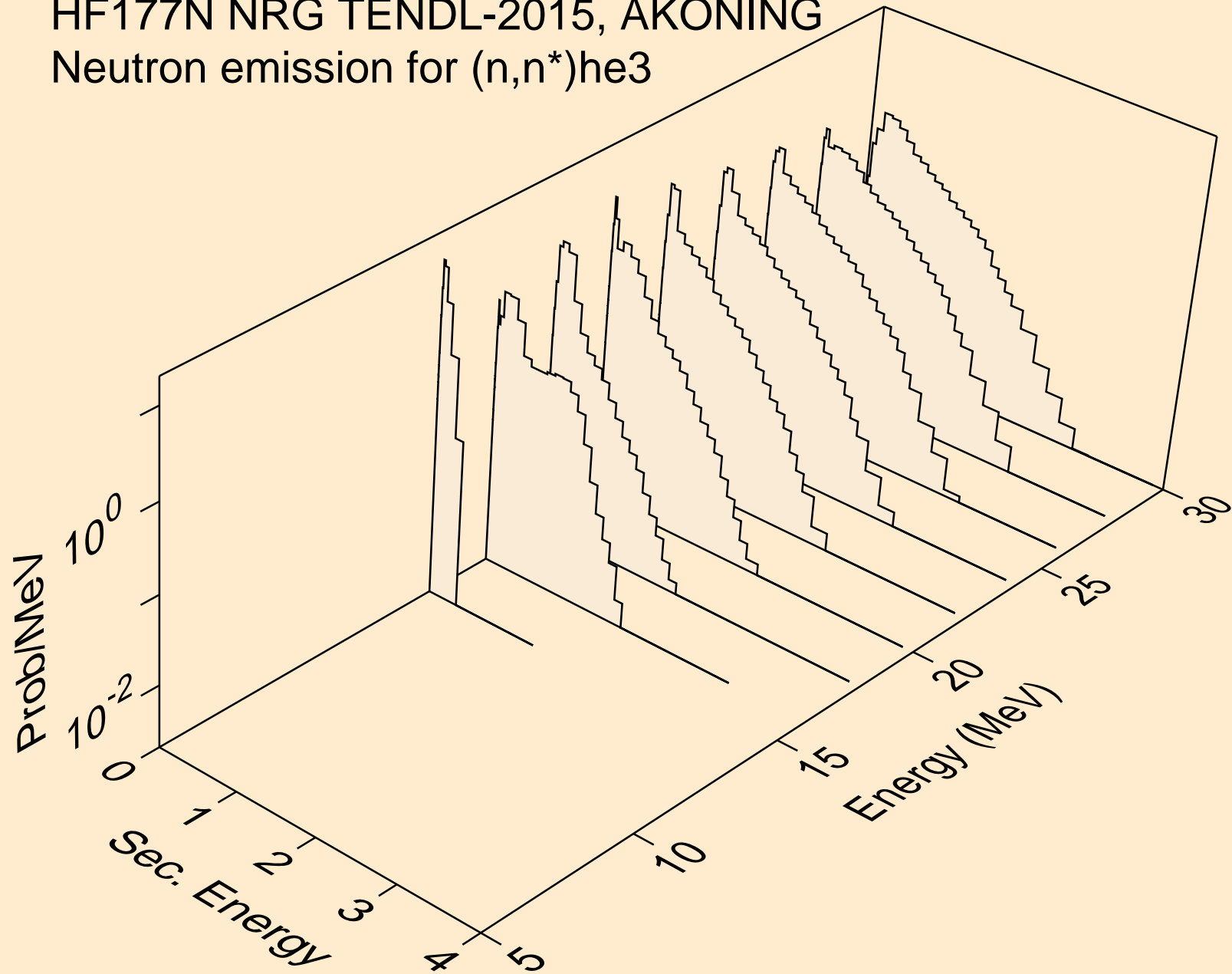
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



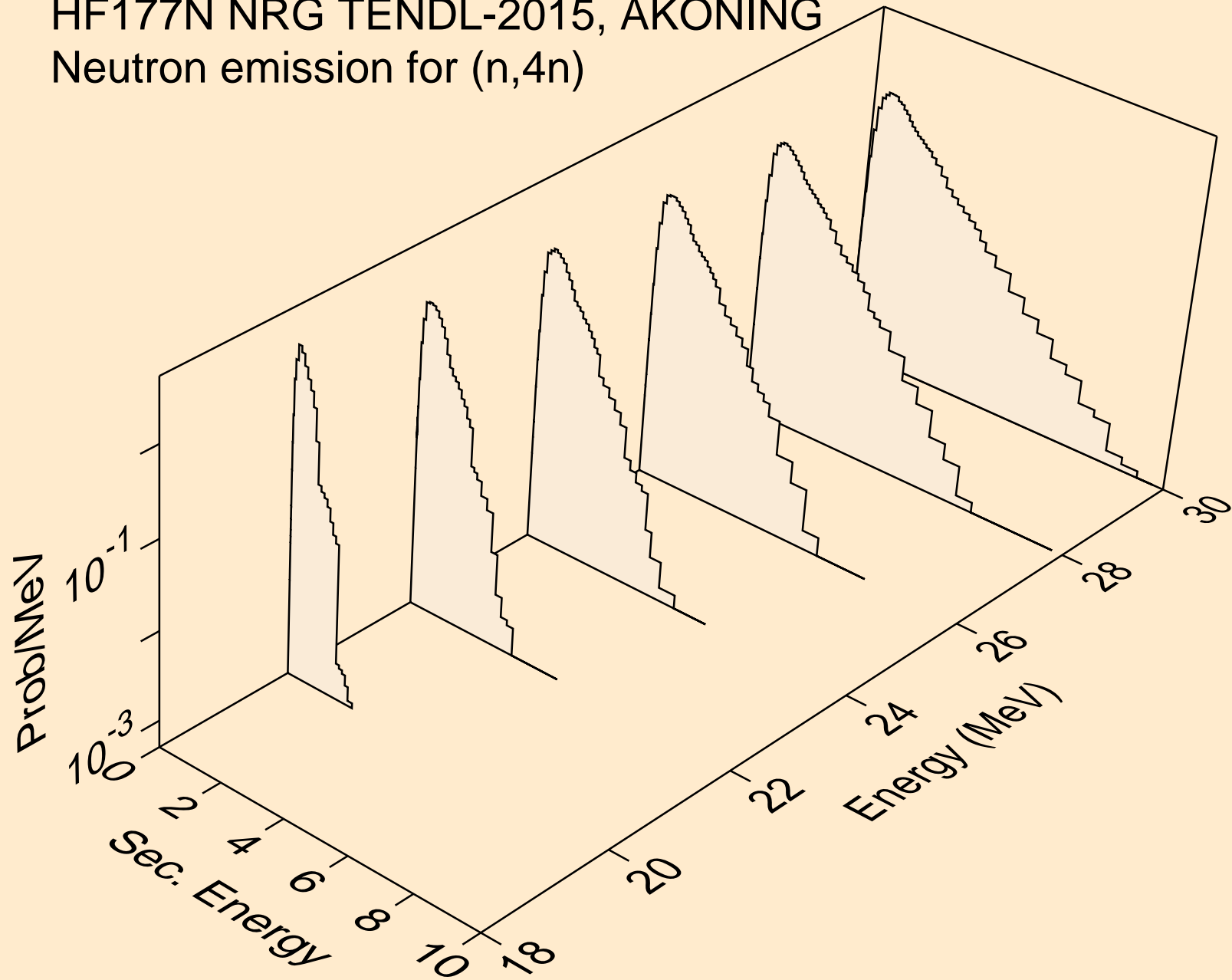
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



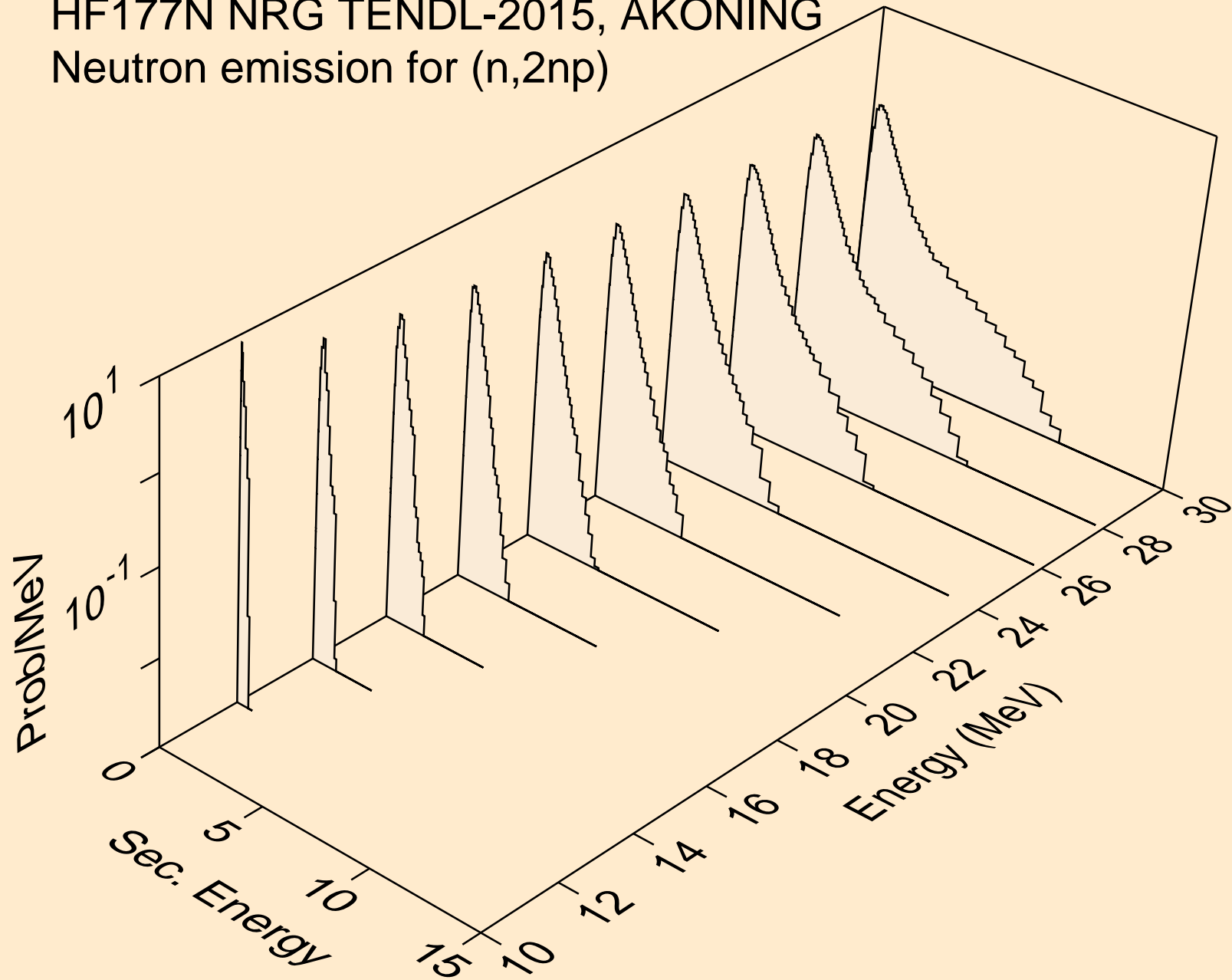
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



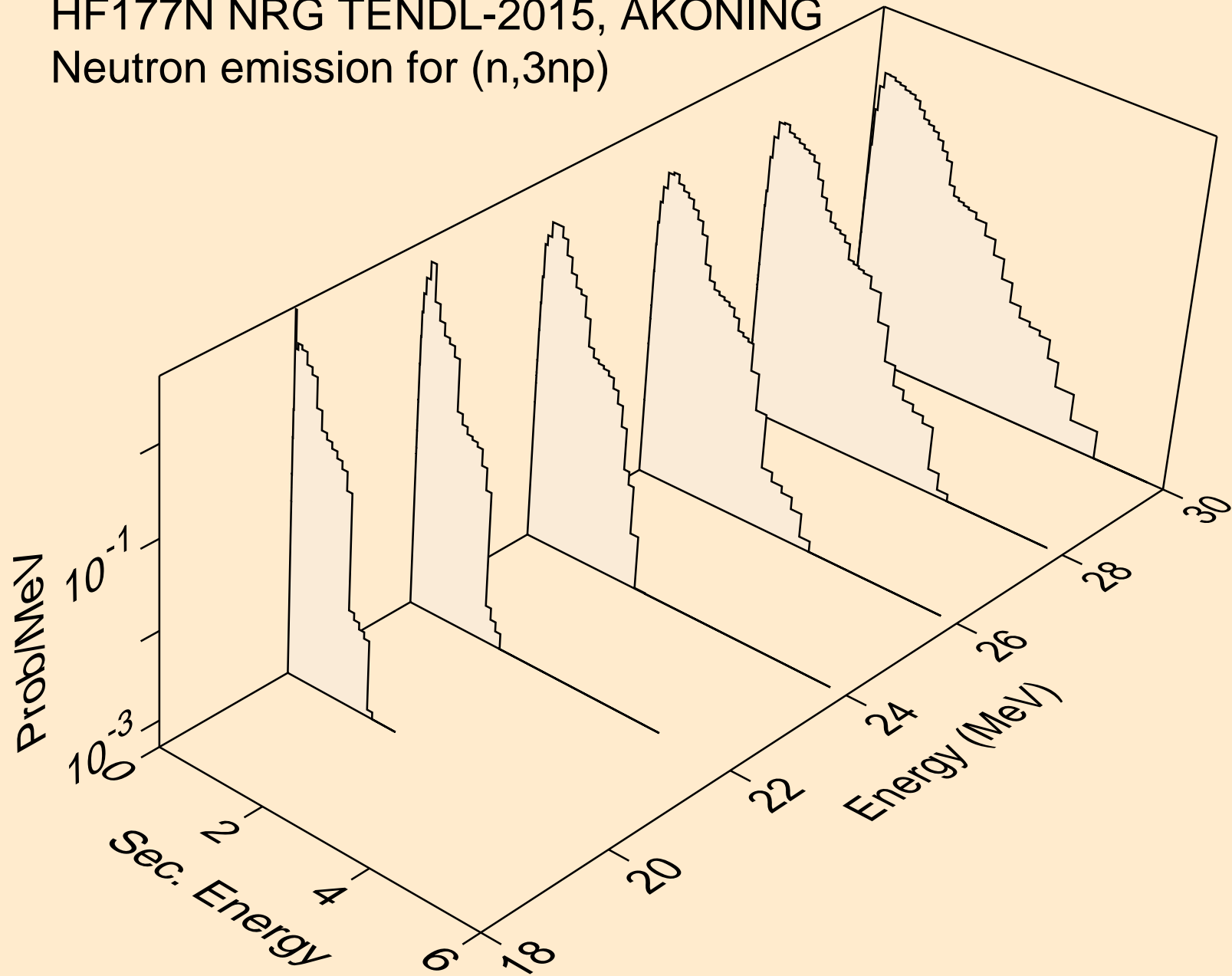
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

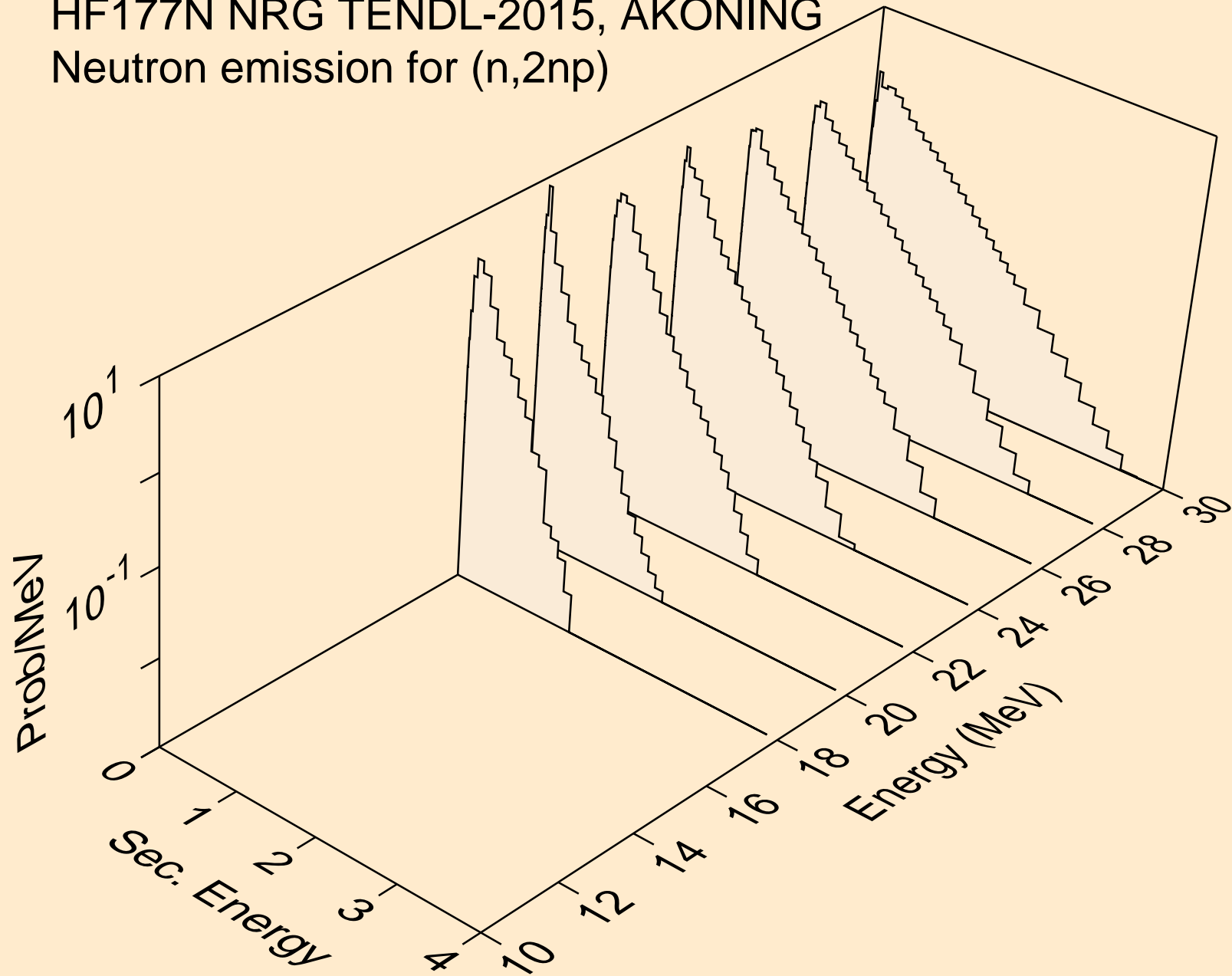


HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

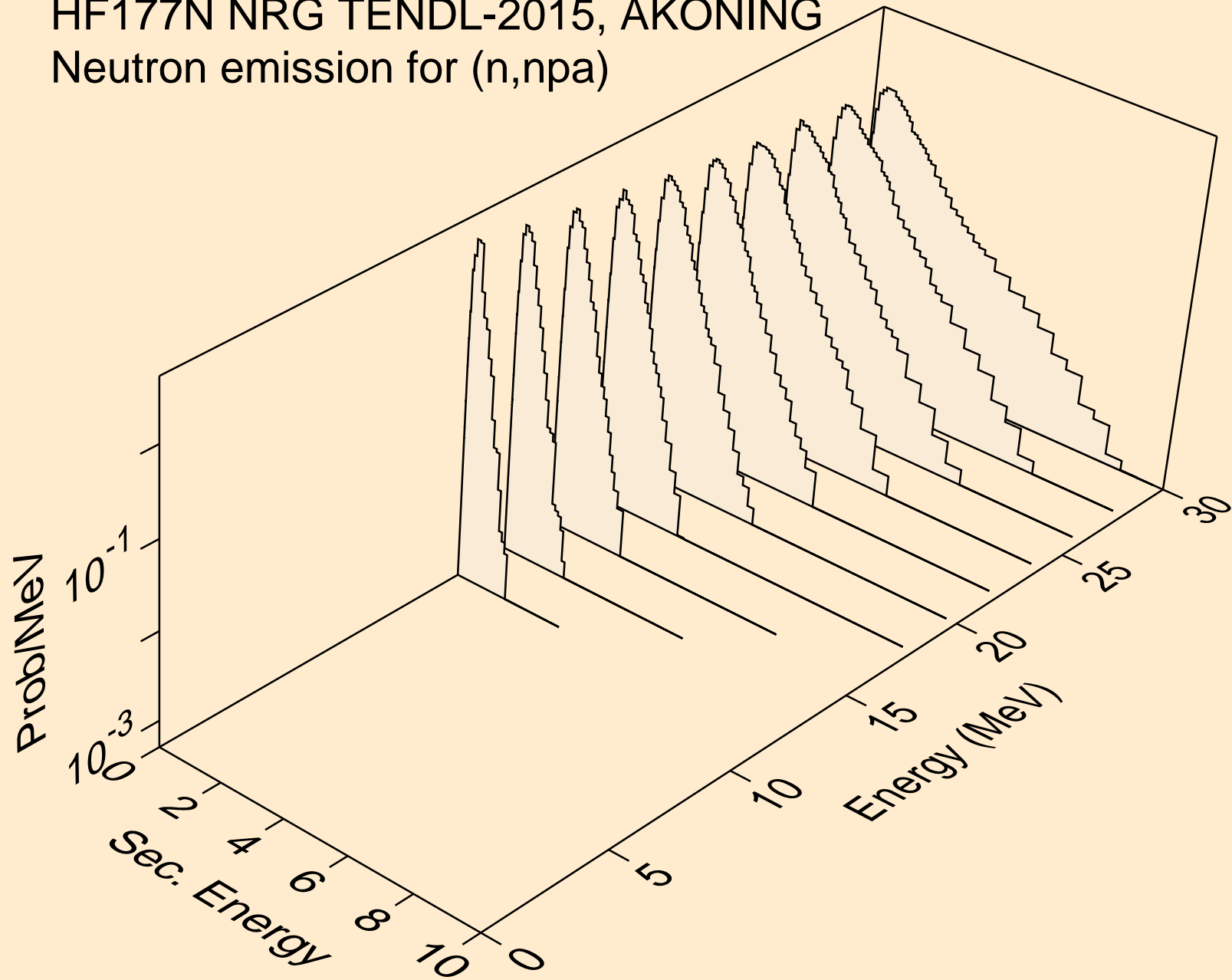




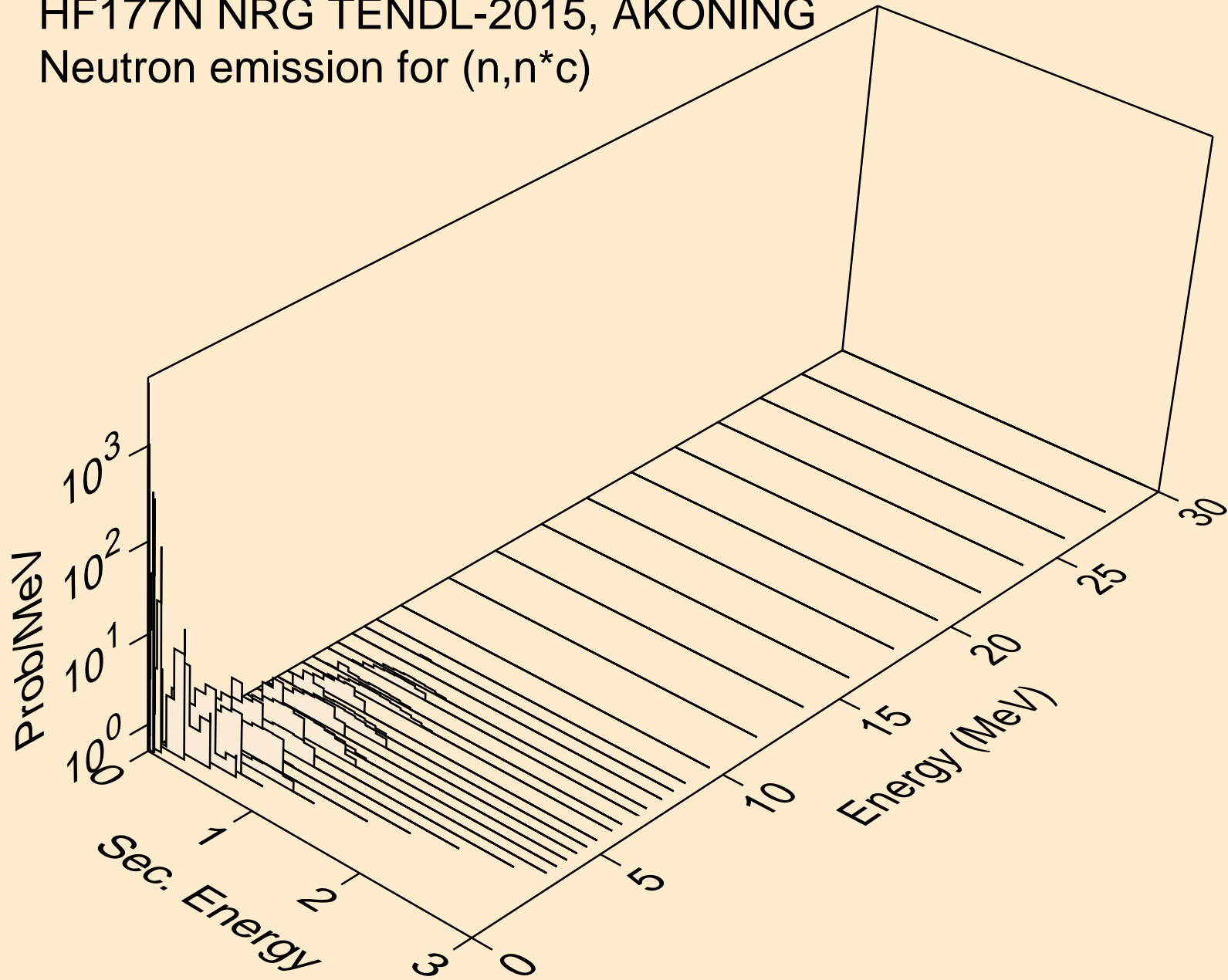
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



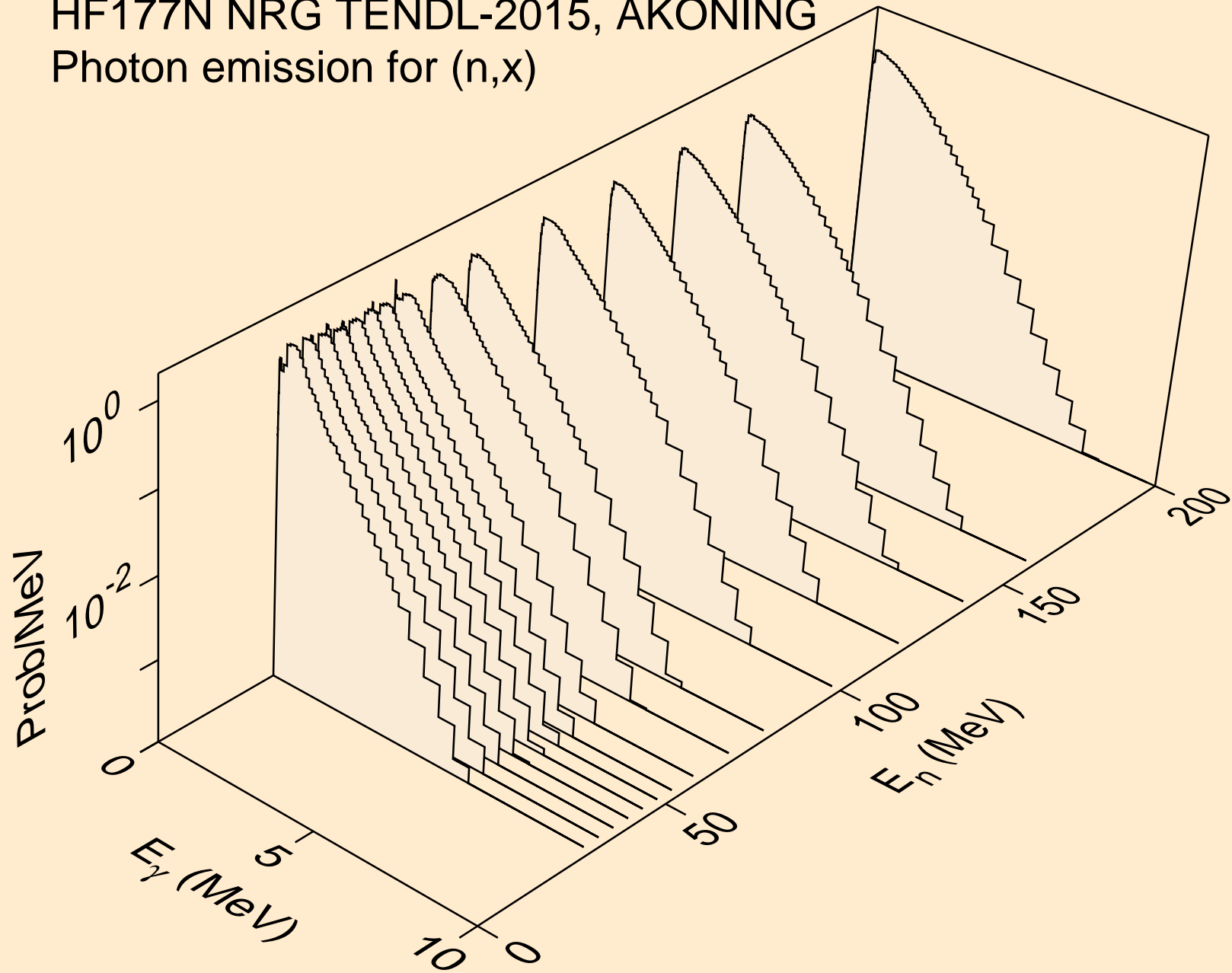
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



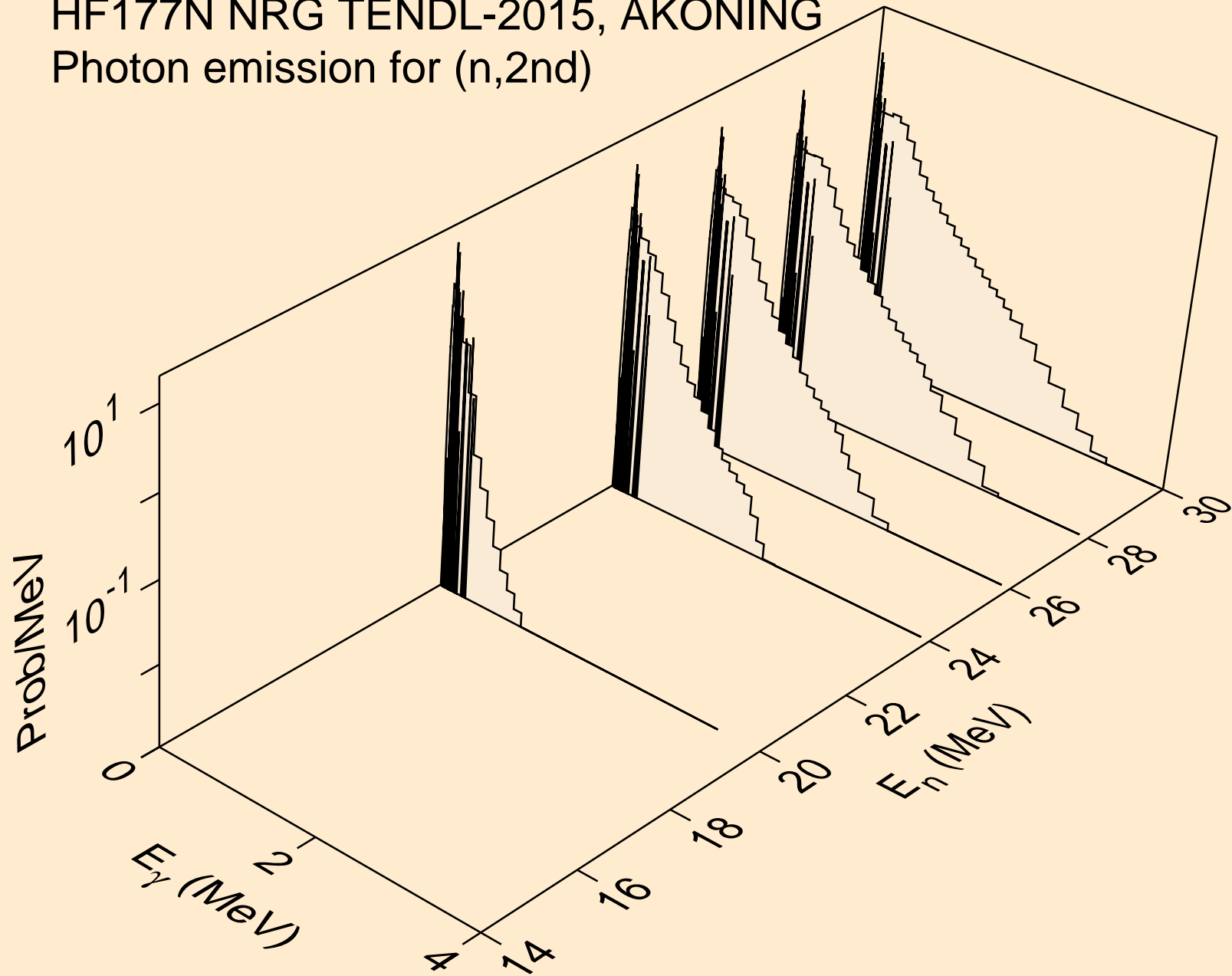
HF177N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



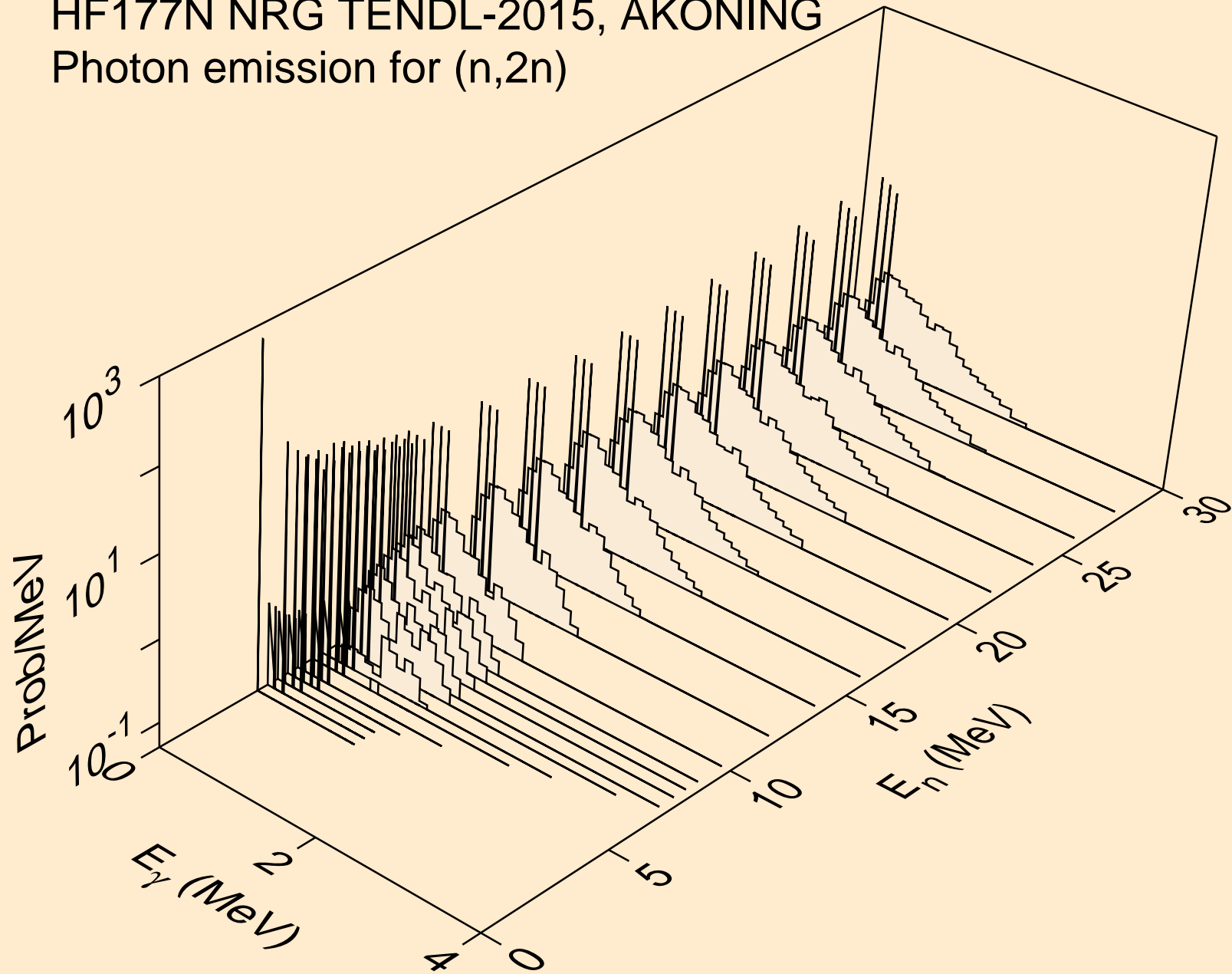
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,x)



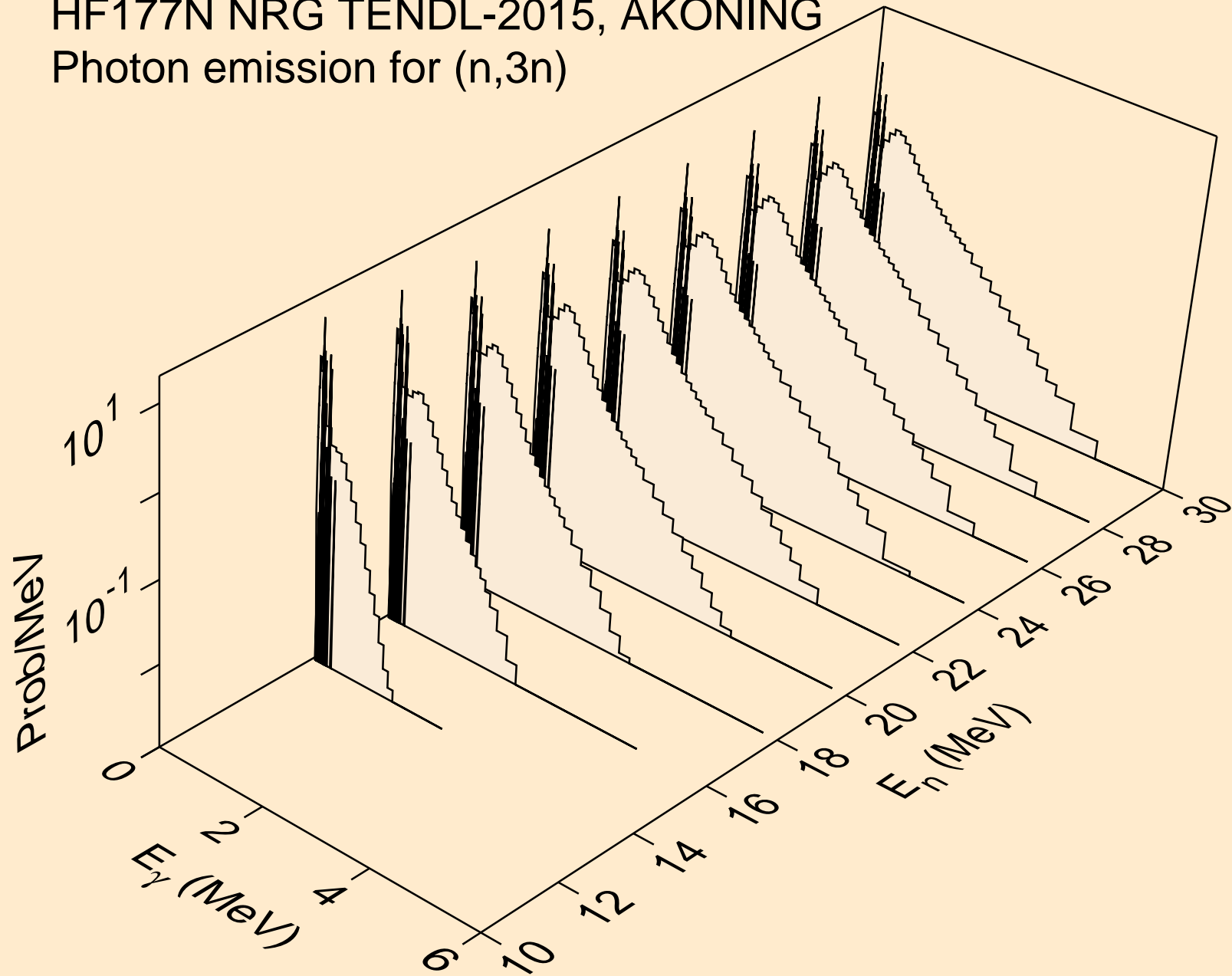
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



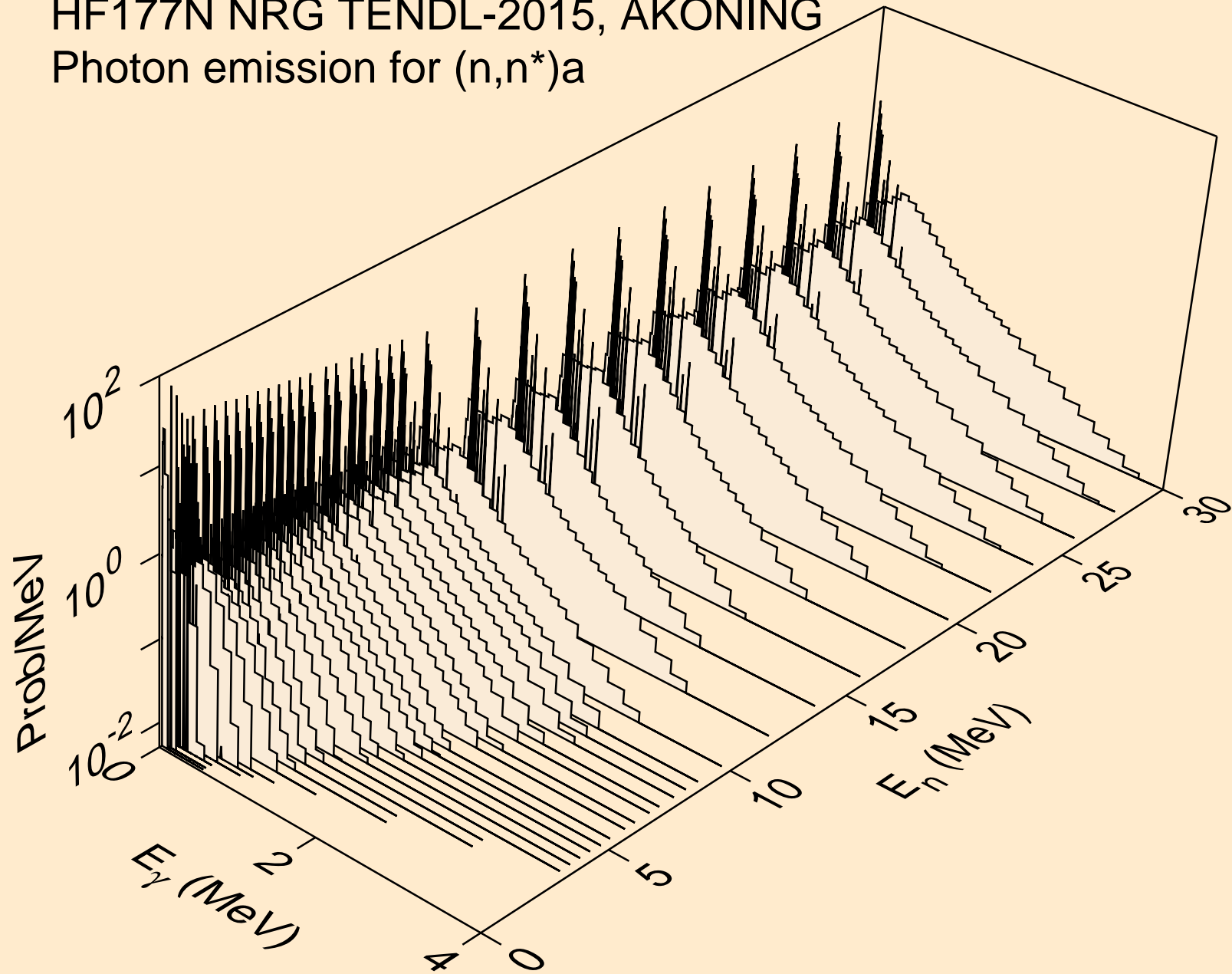
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

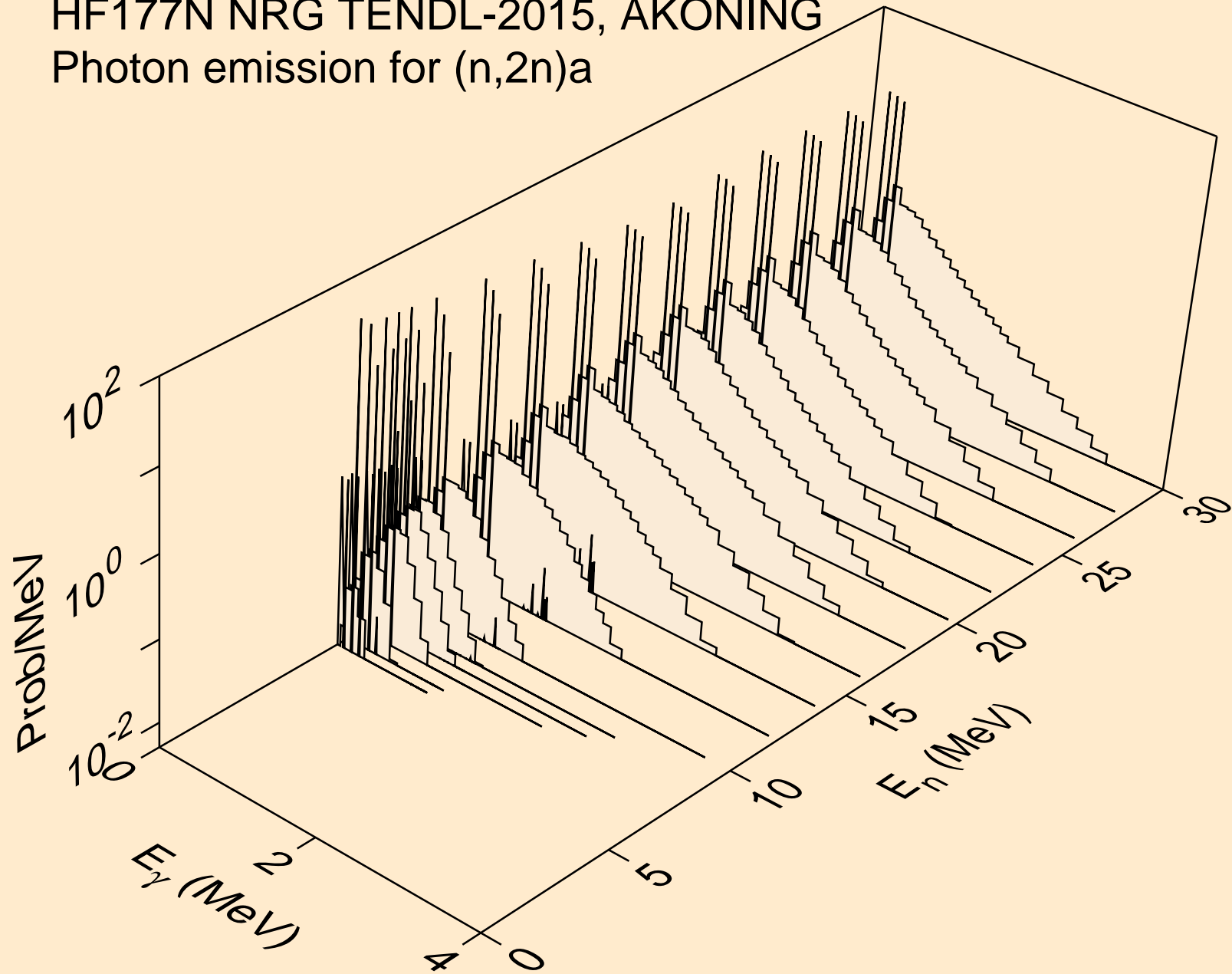


HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

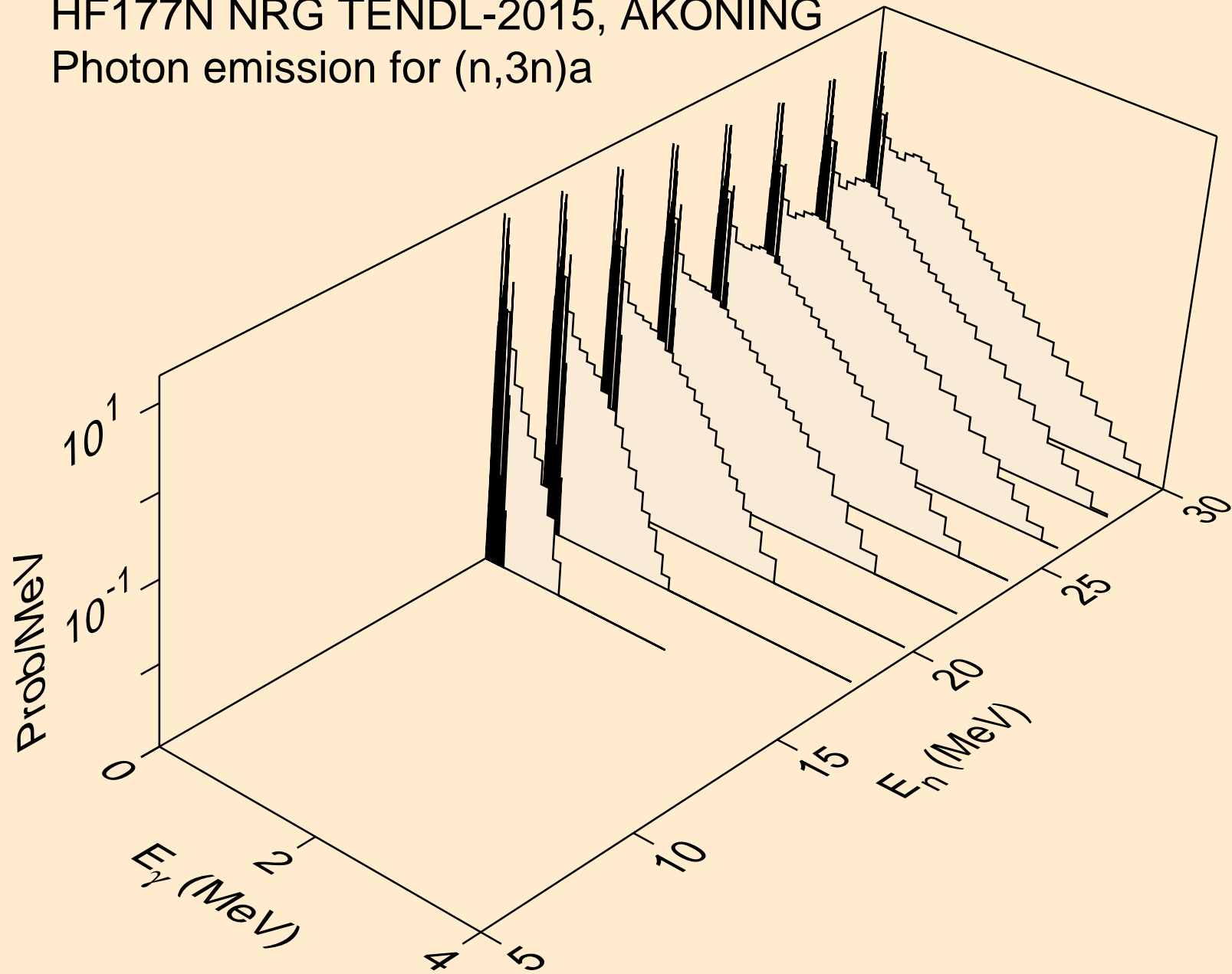




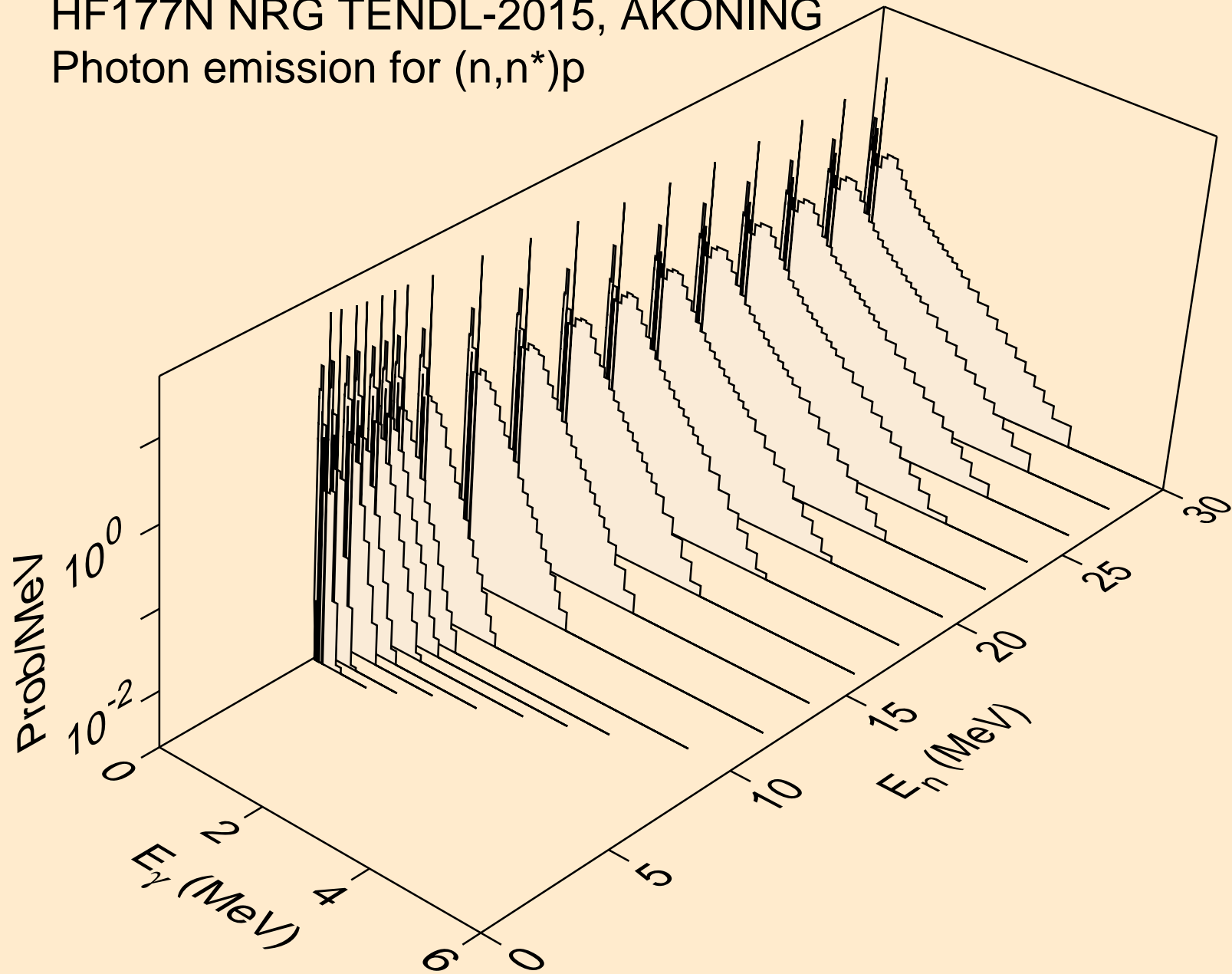
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



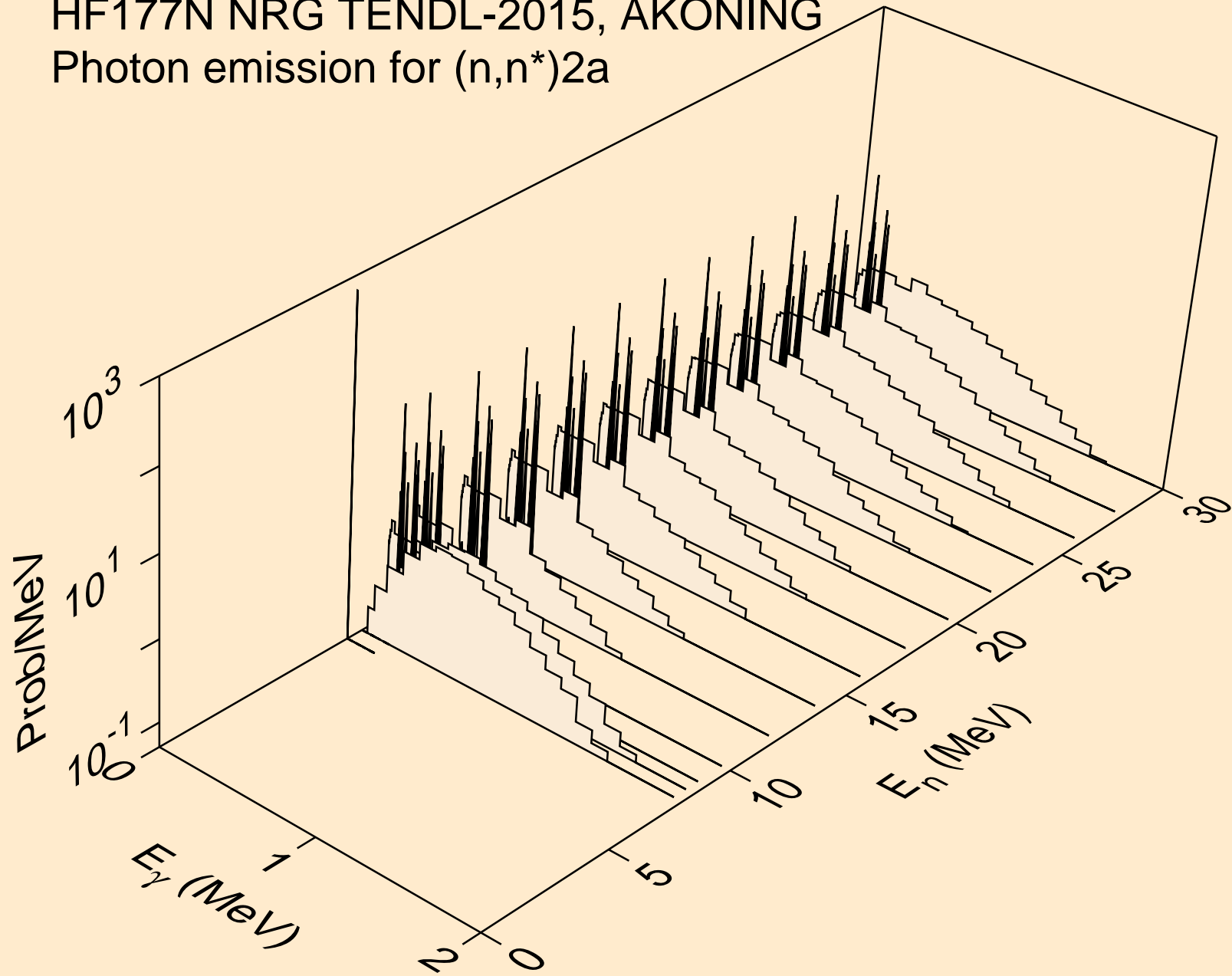
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



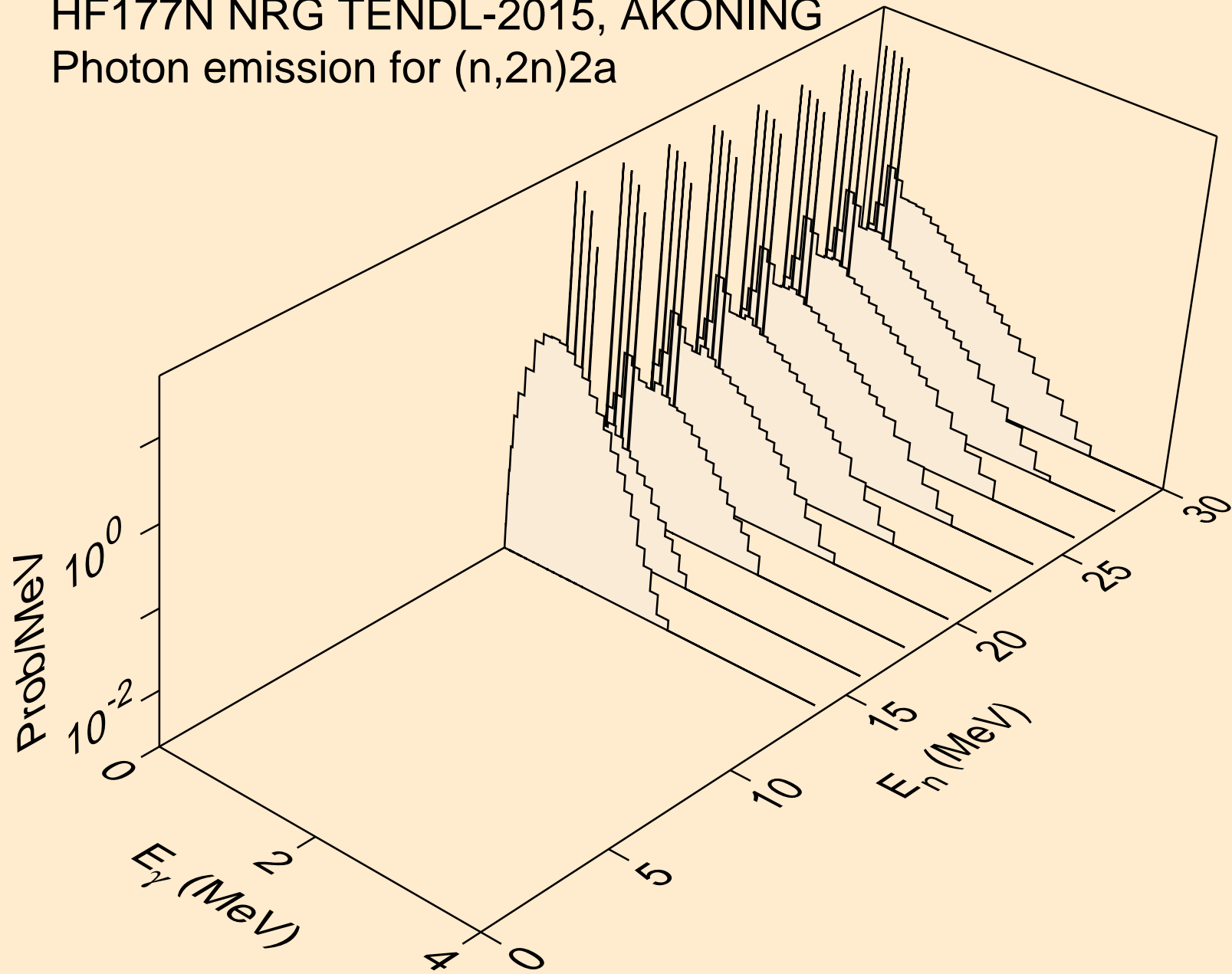
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



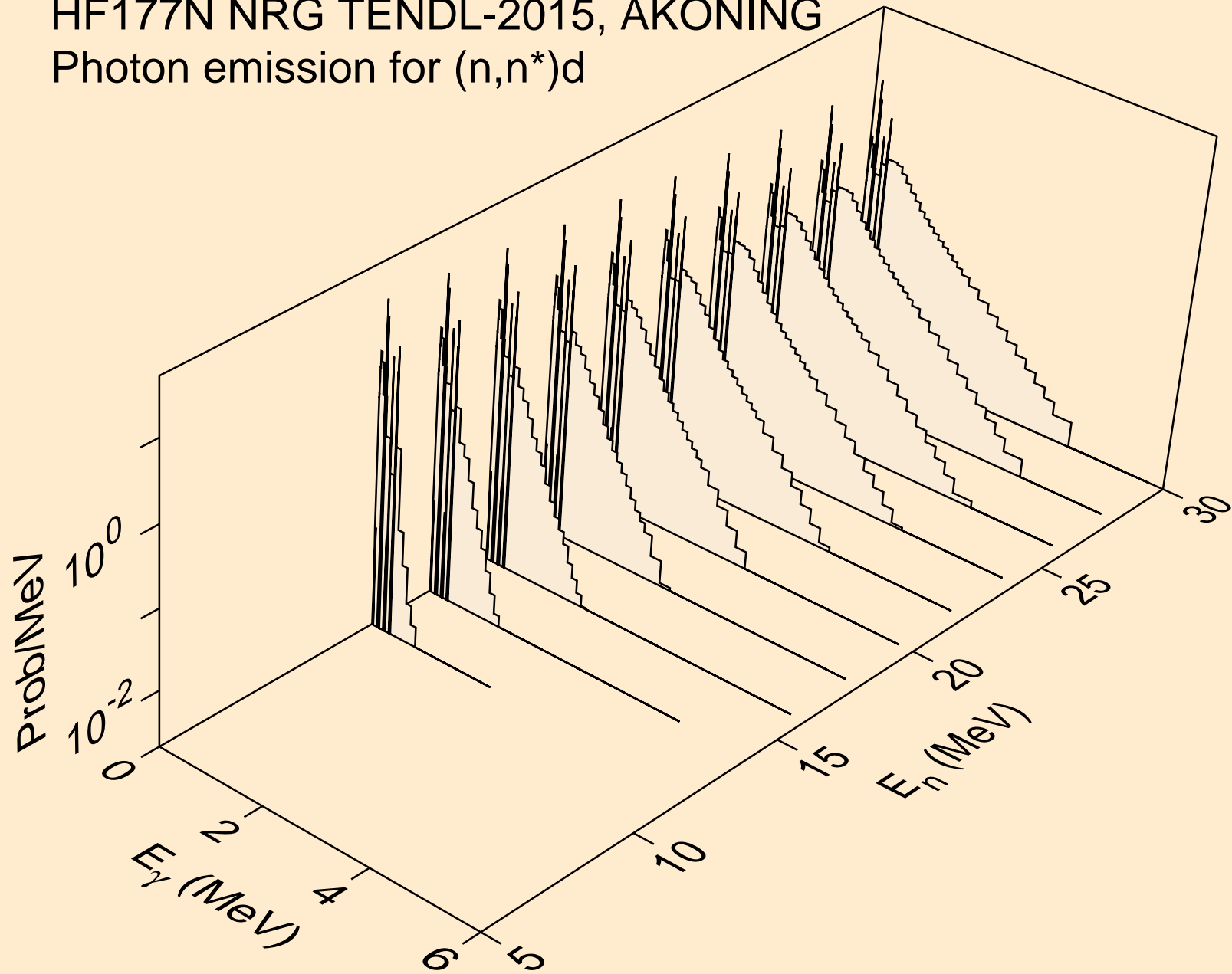
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



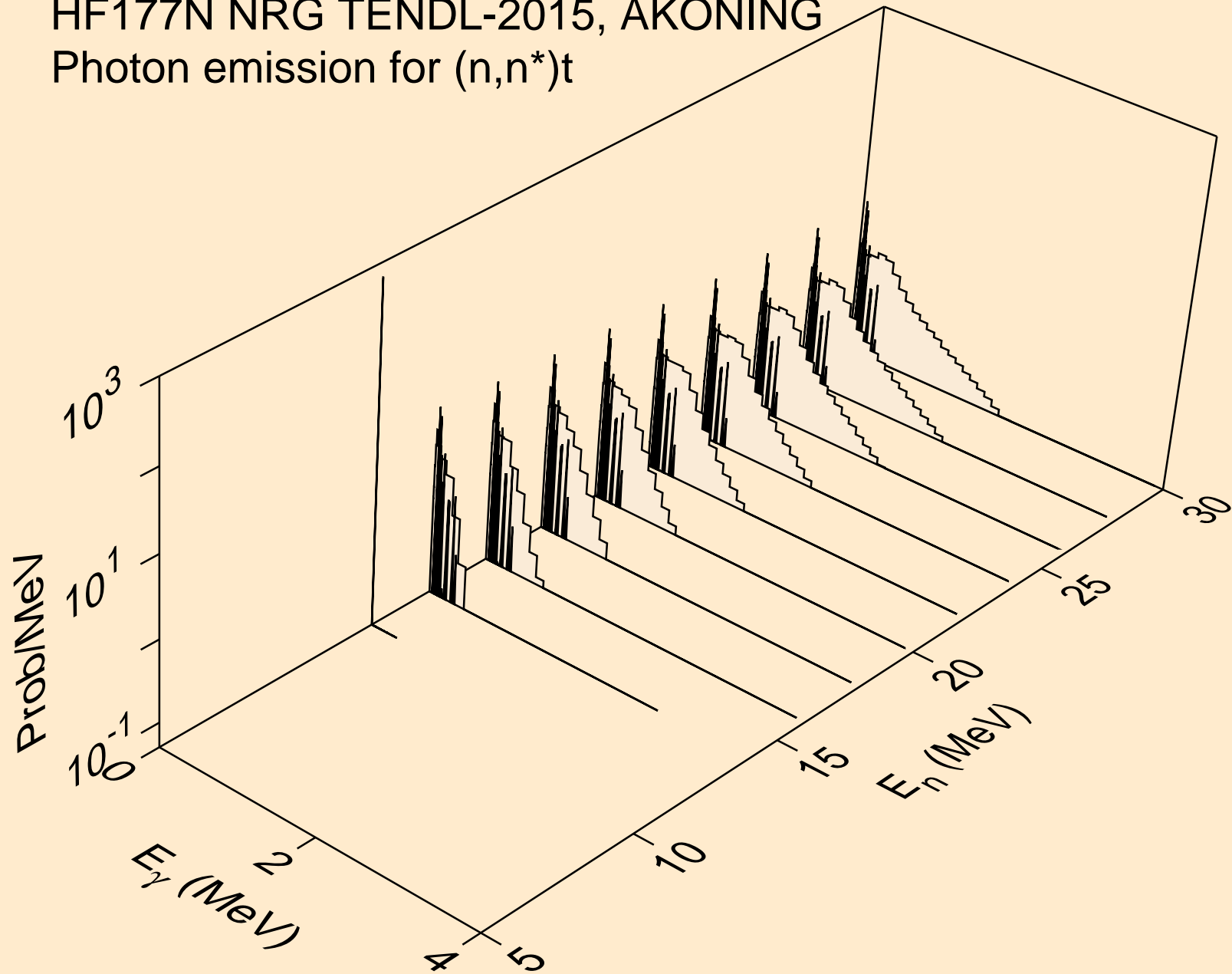
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



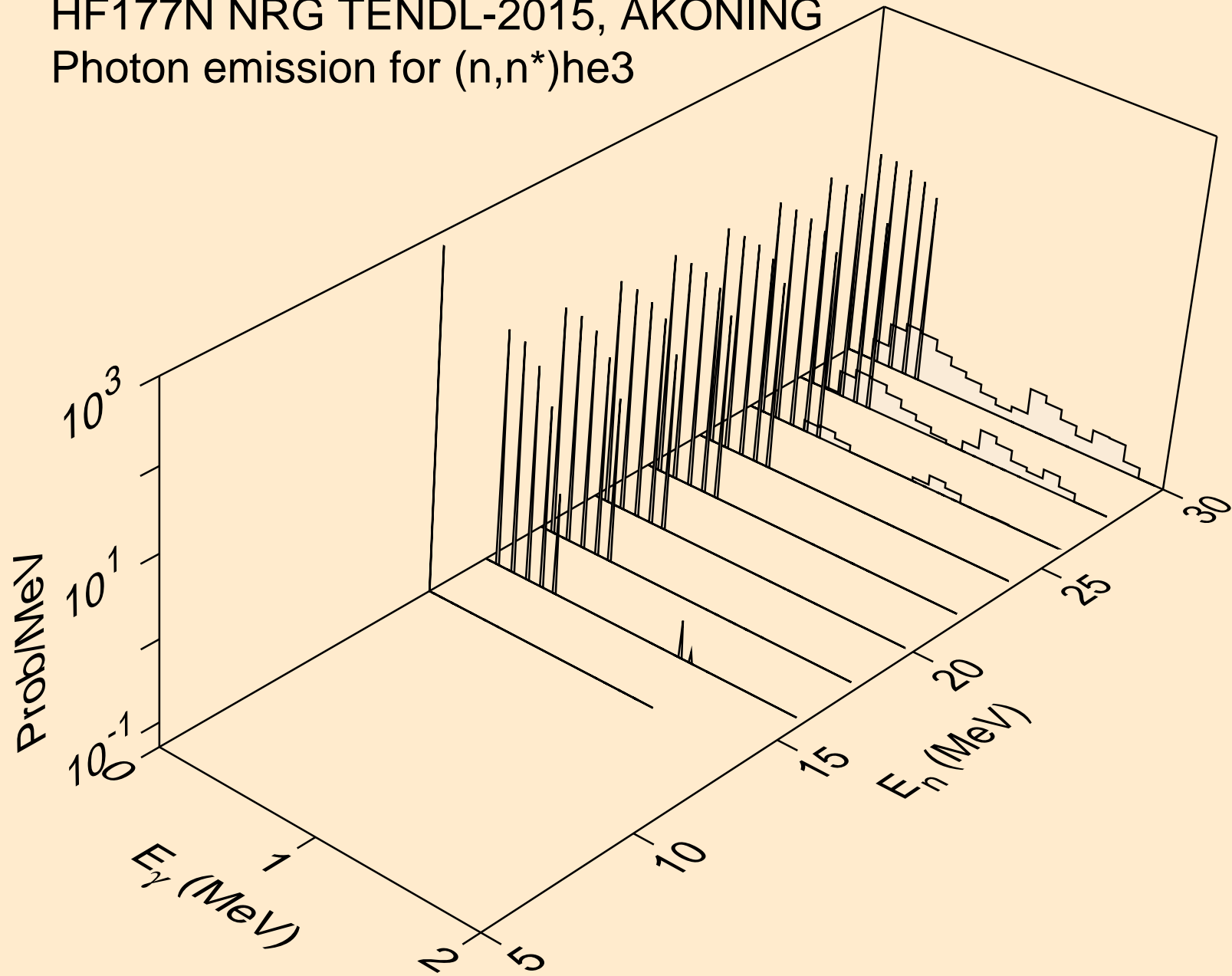
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

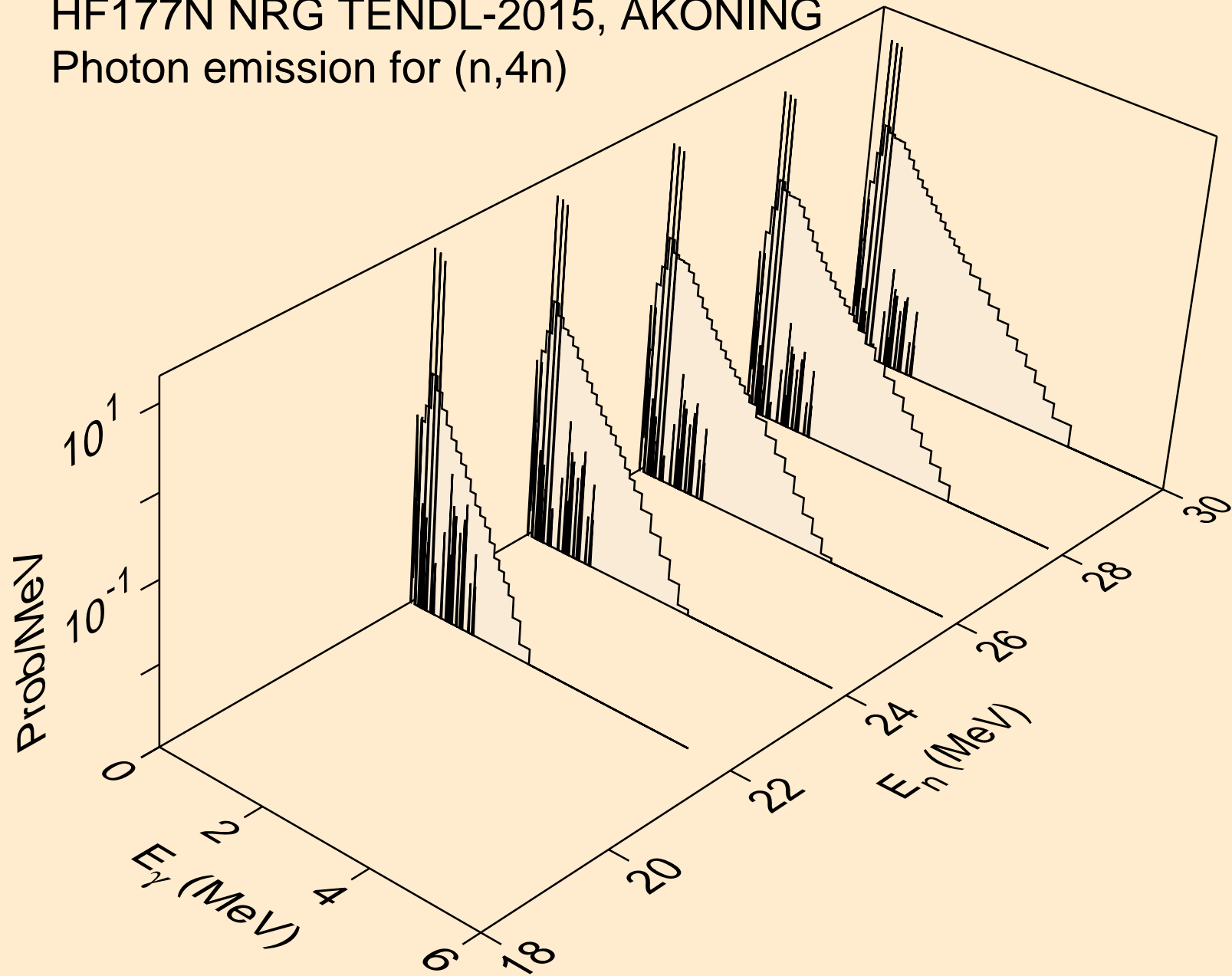


HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

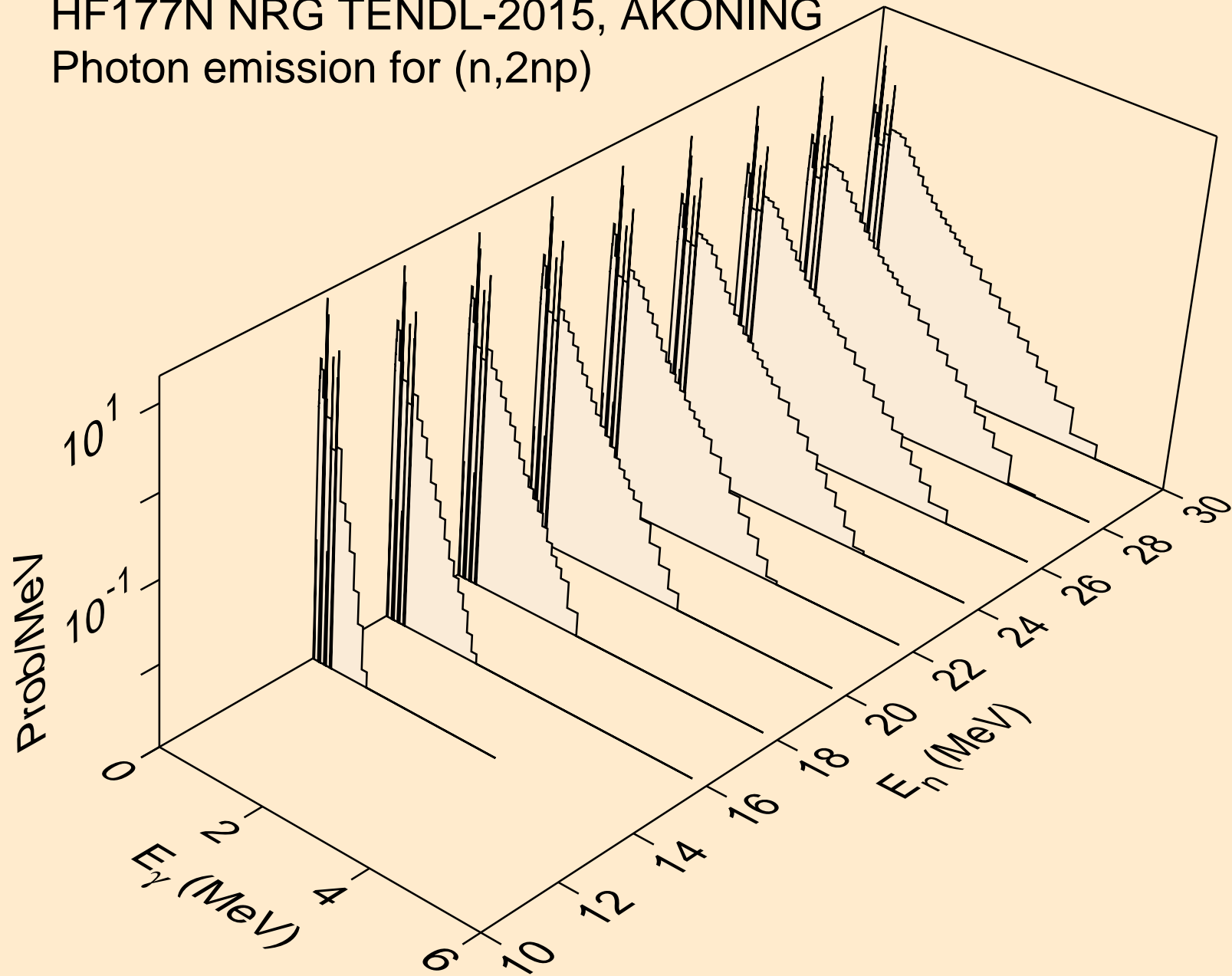




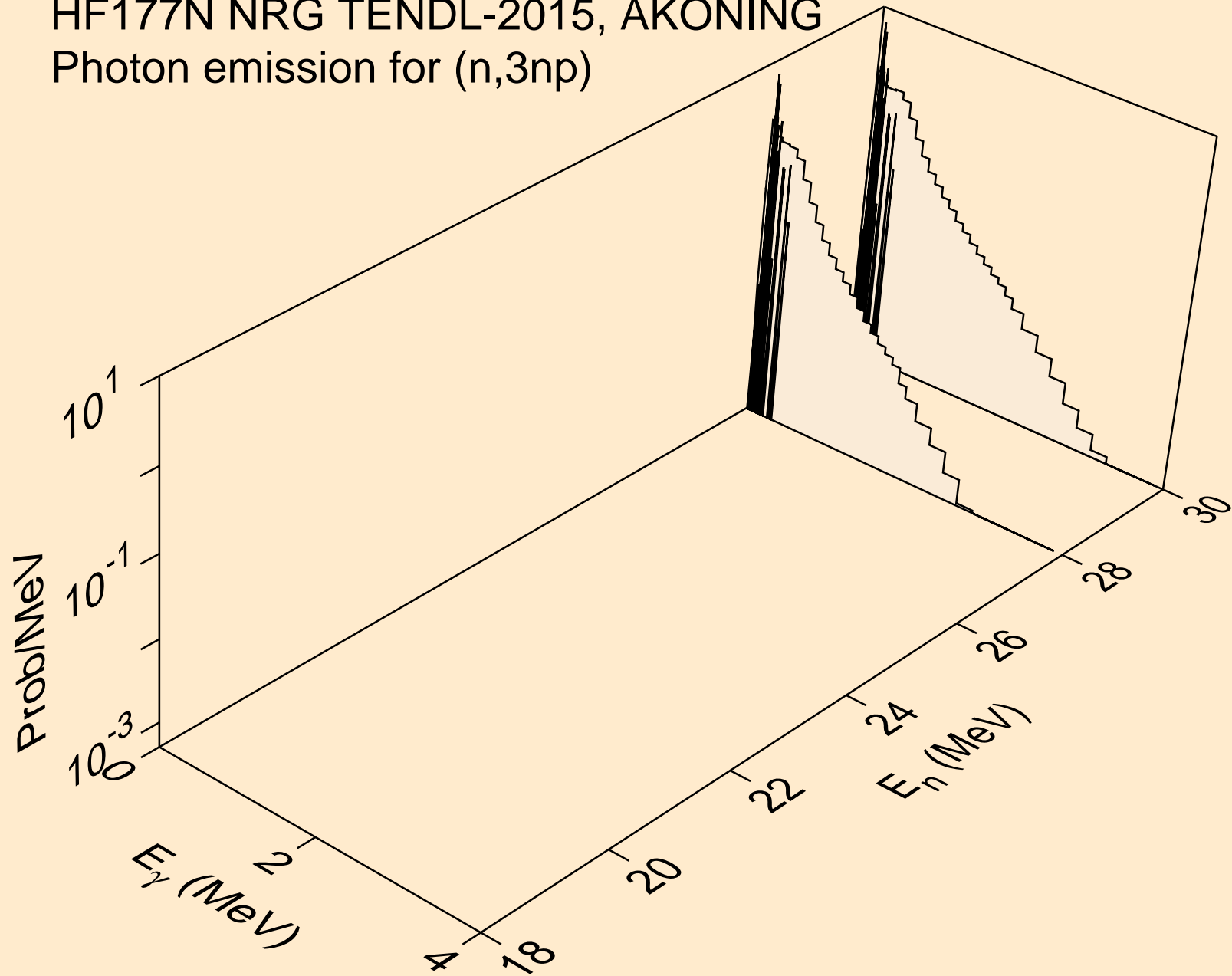
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



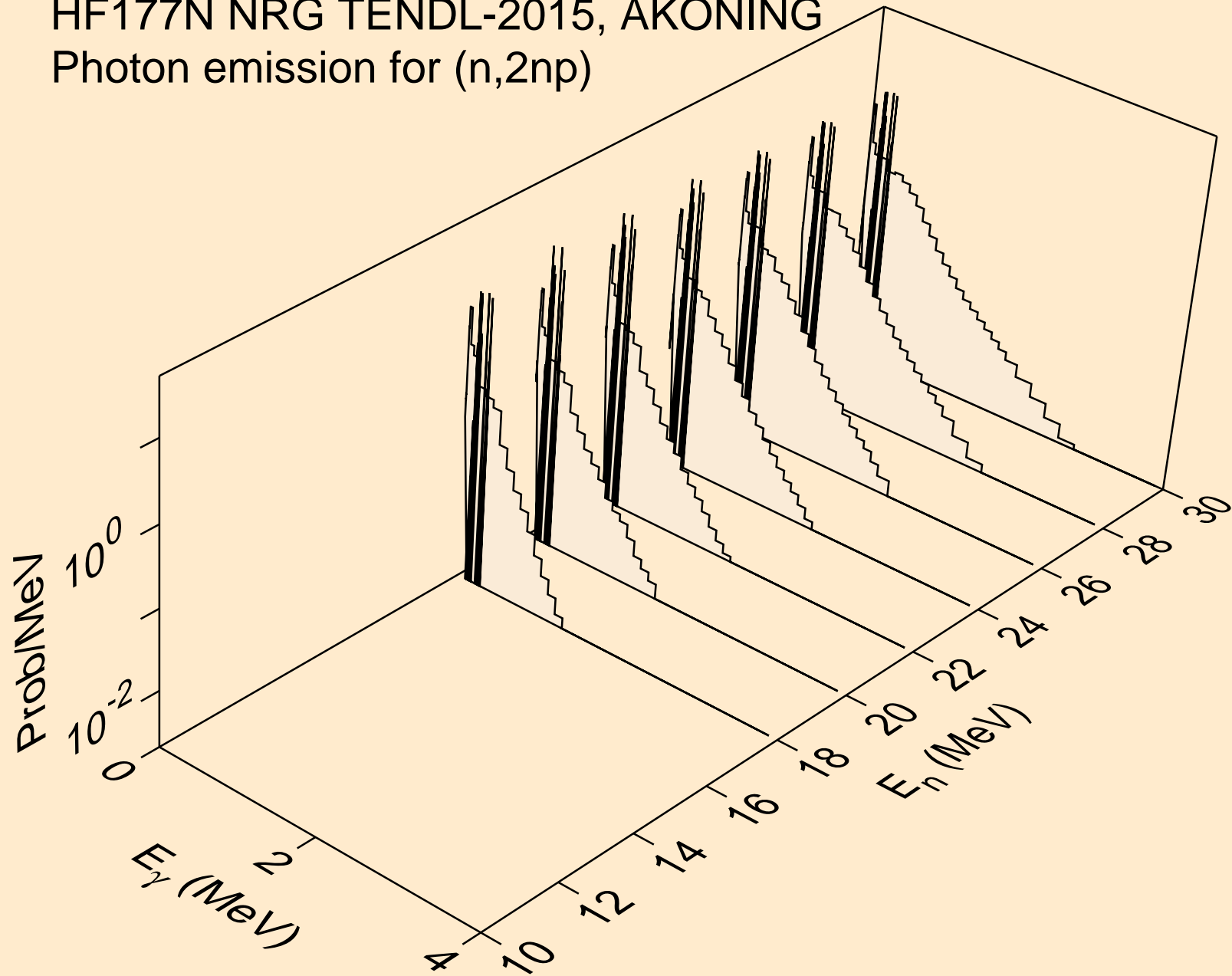
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



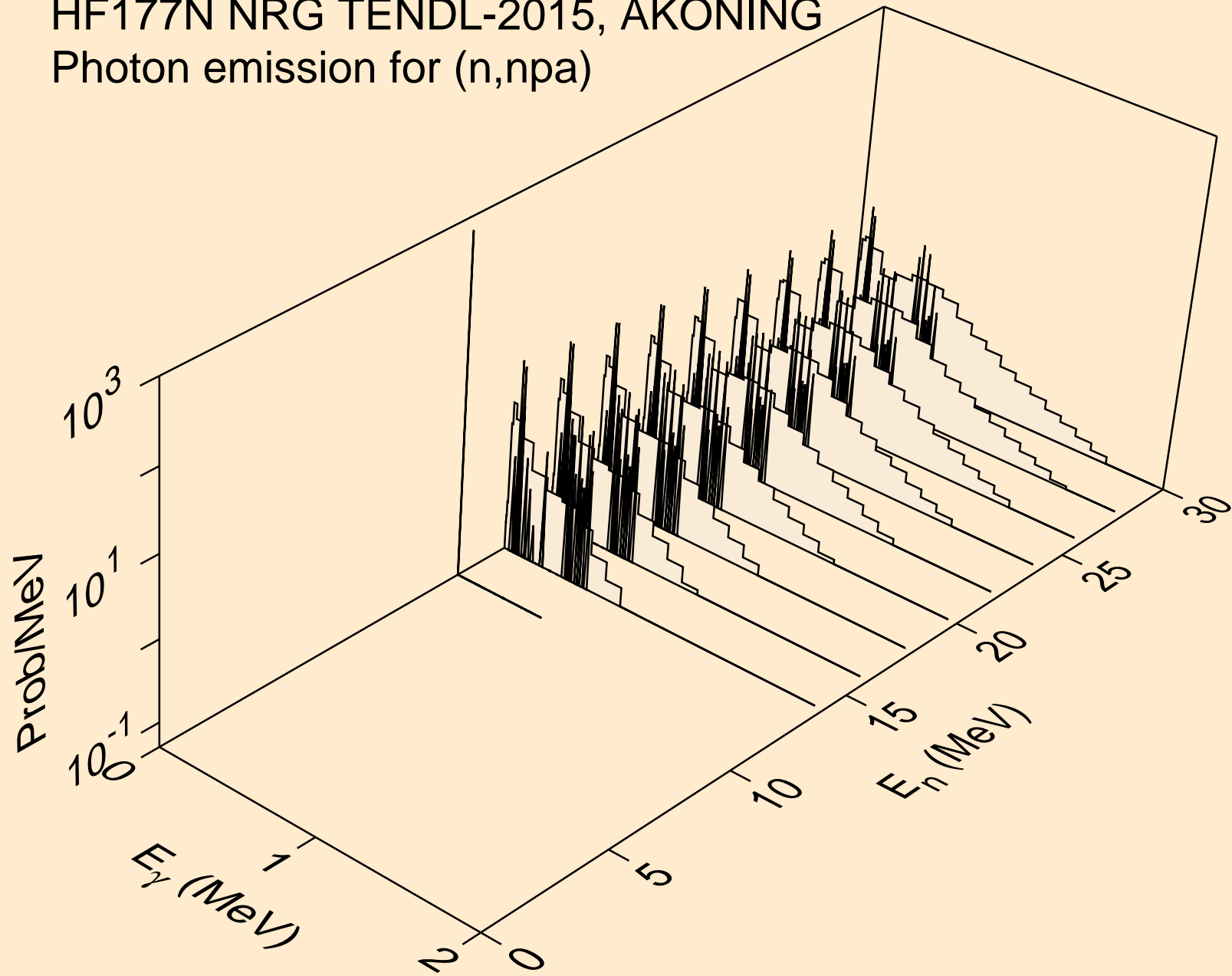
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



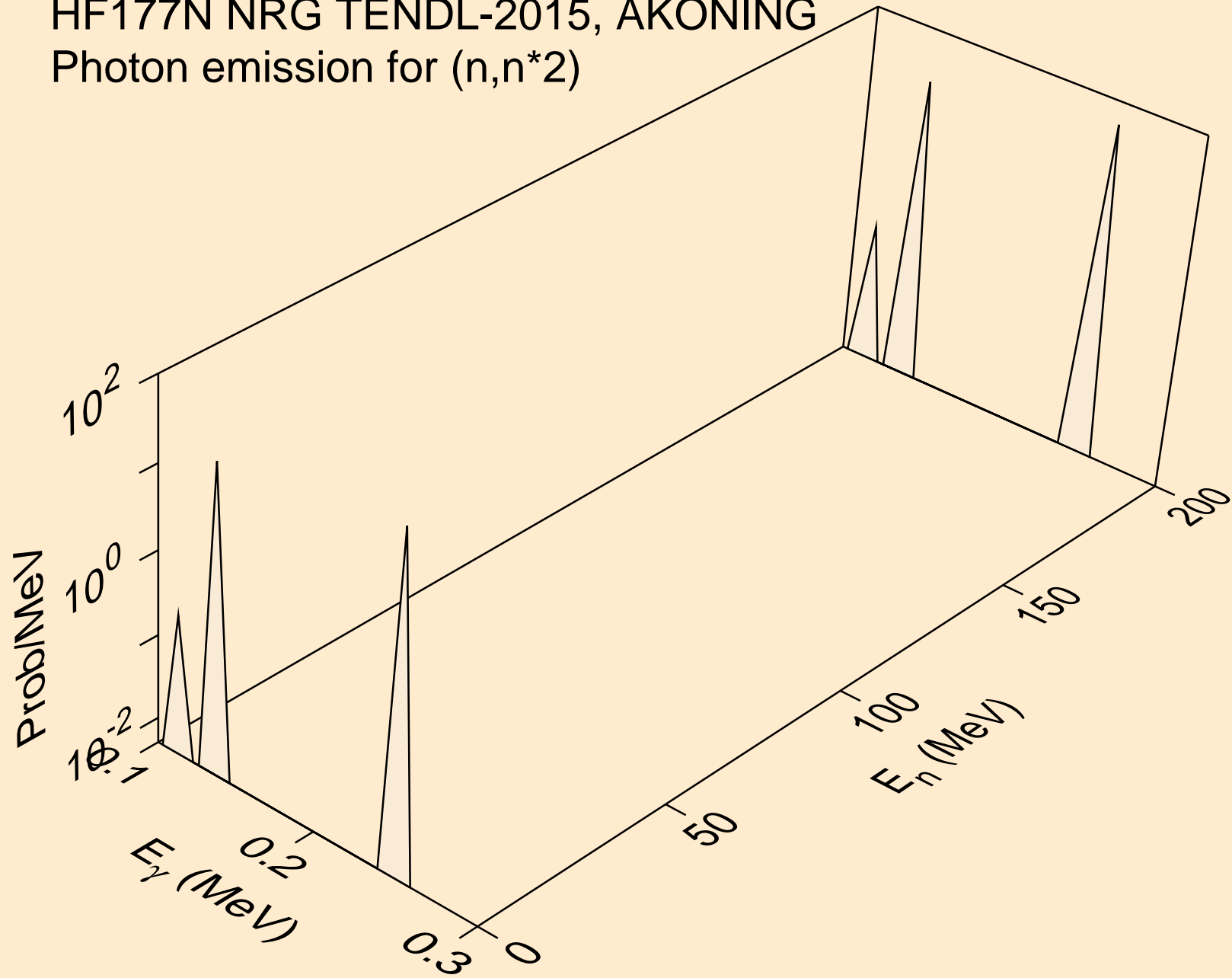
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



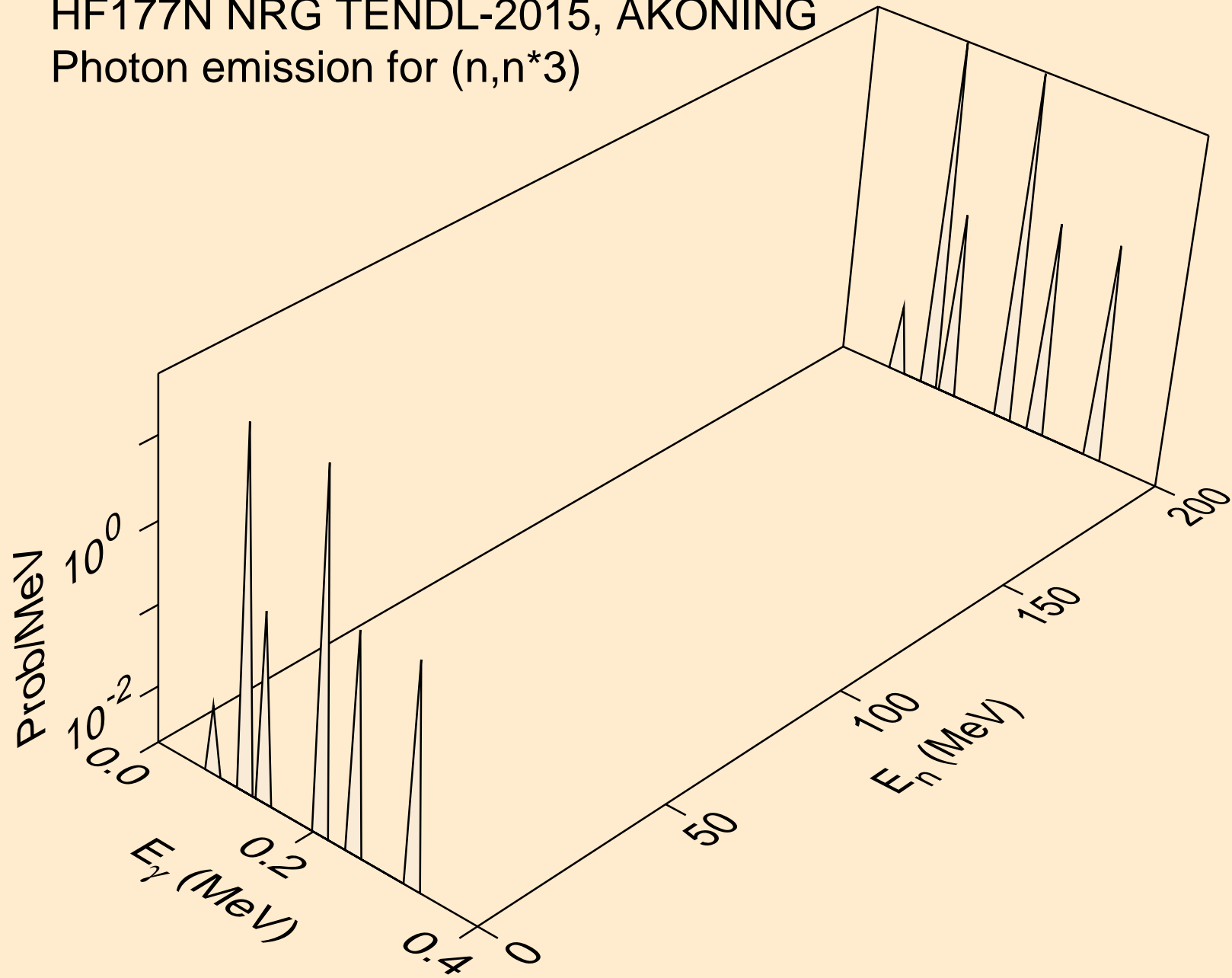
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



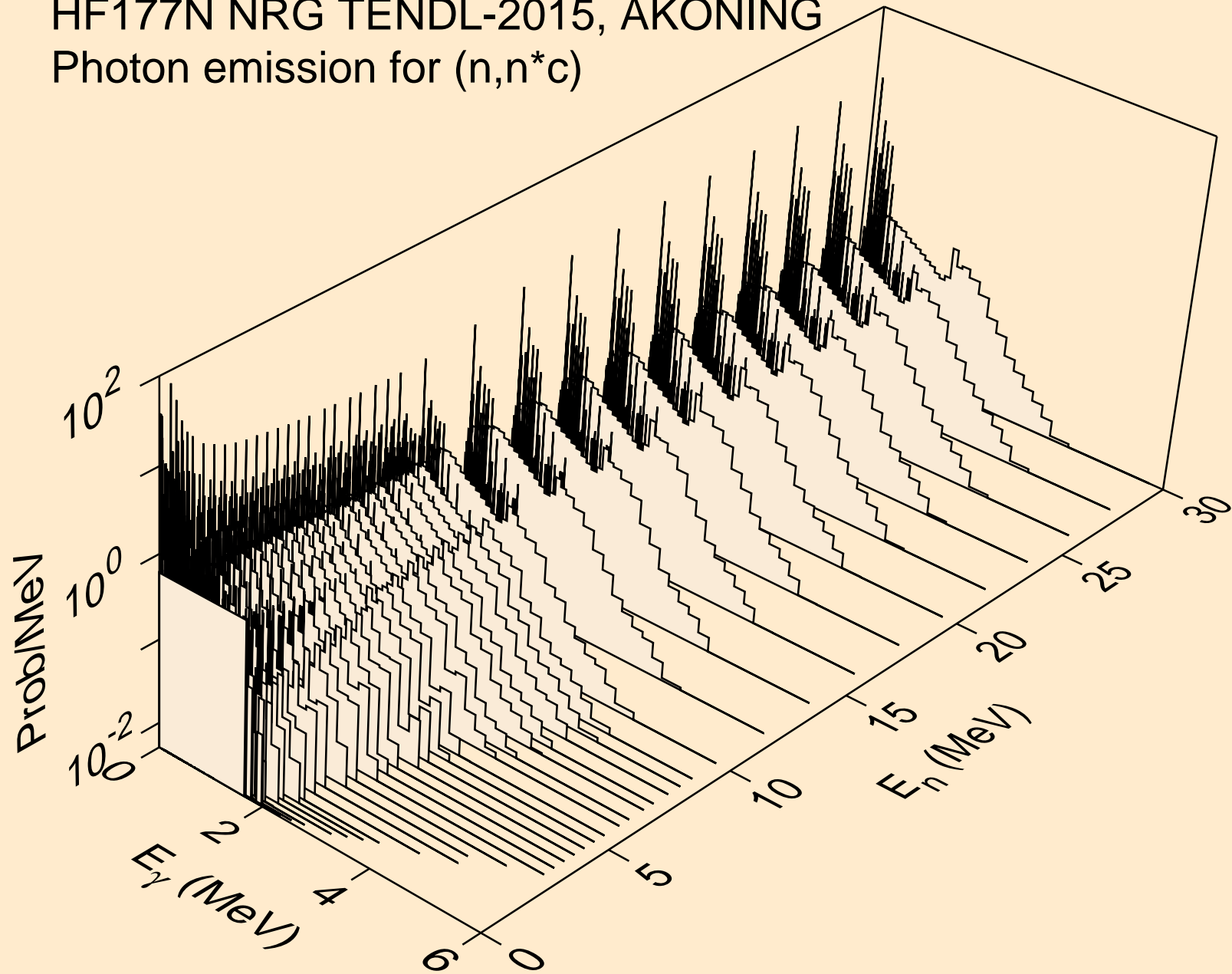
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

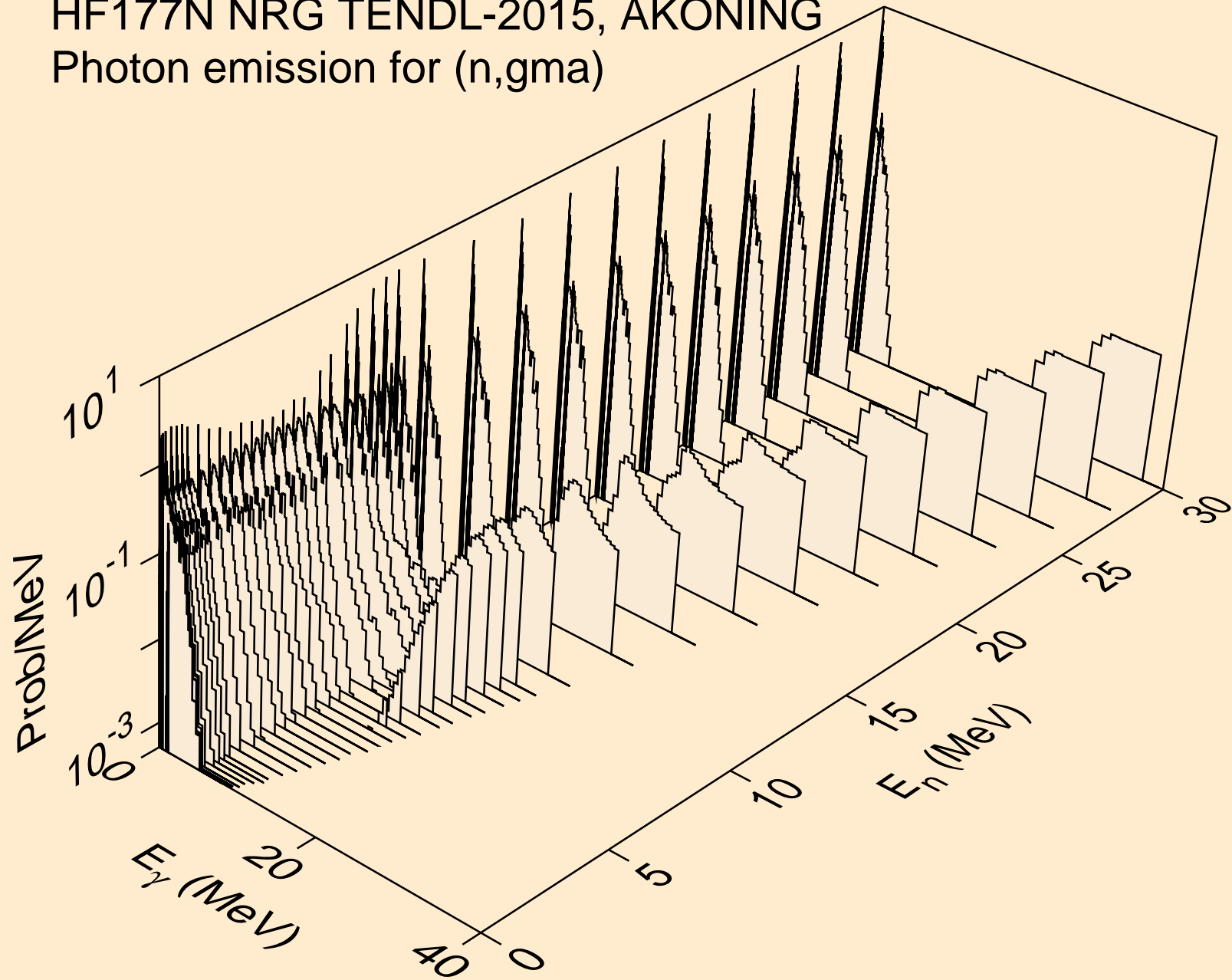


HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

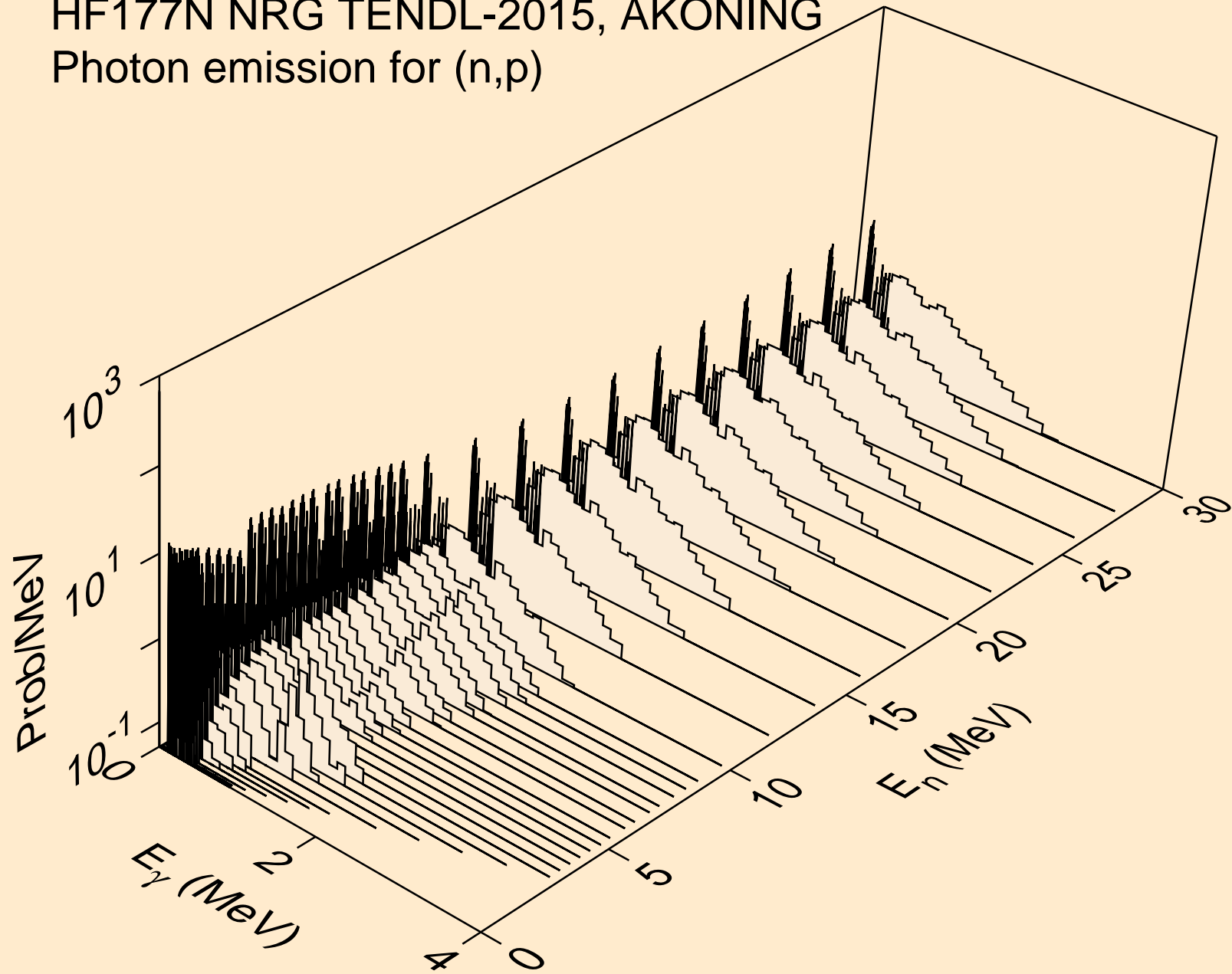




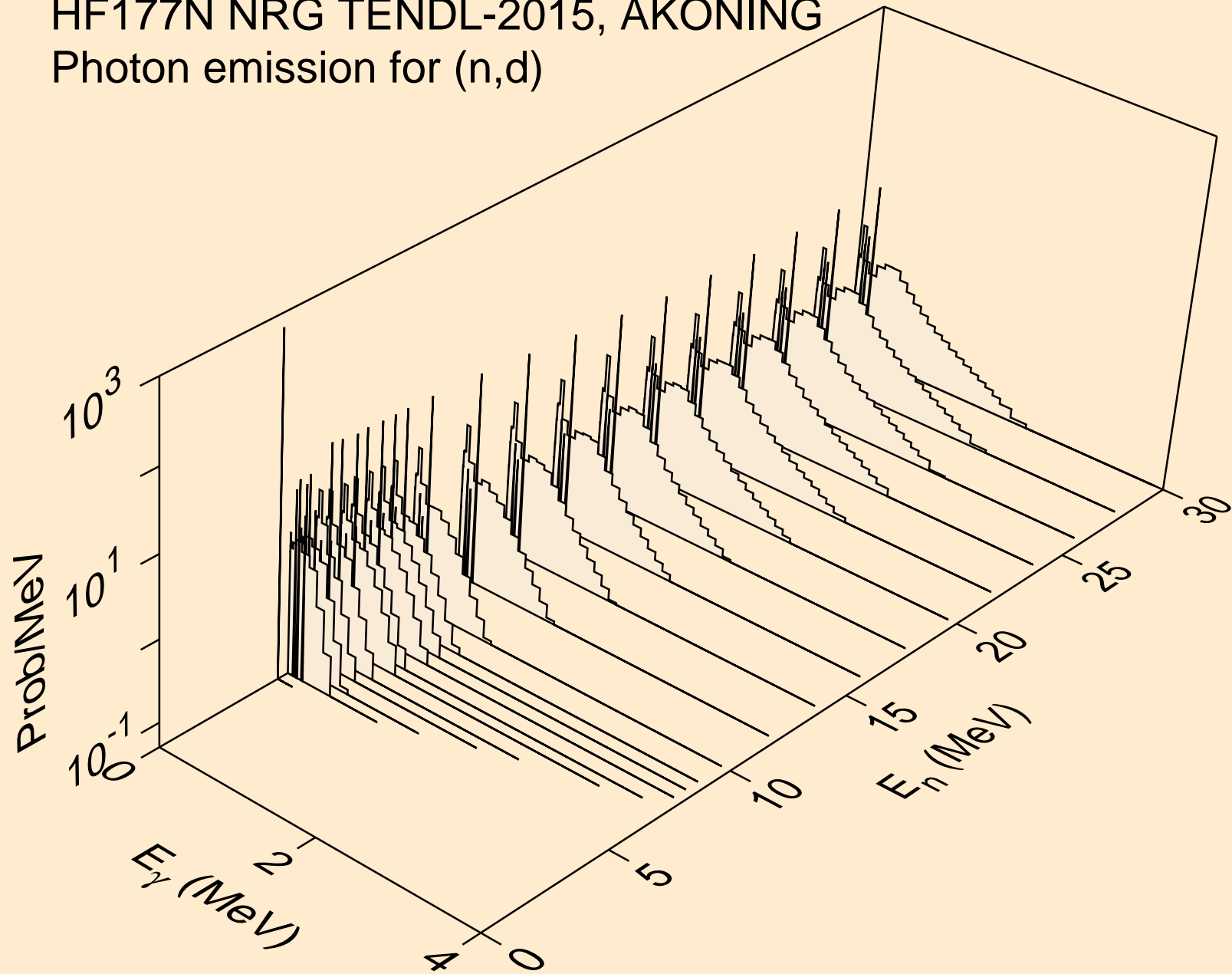
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



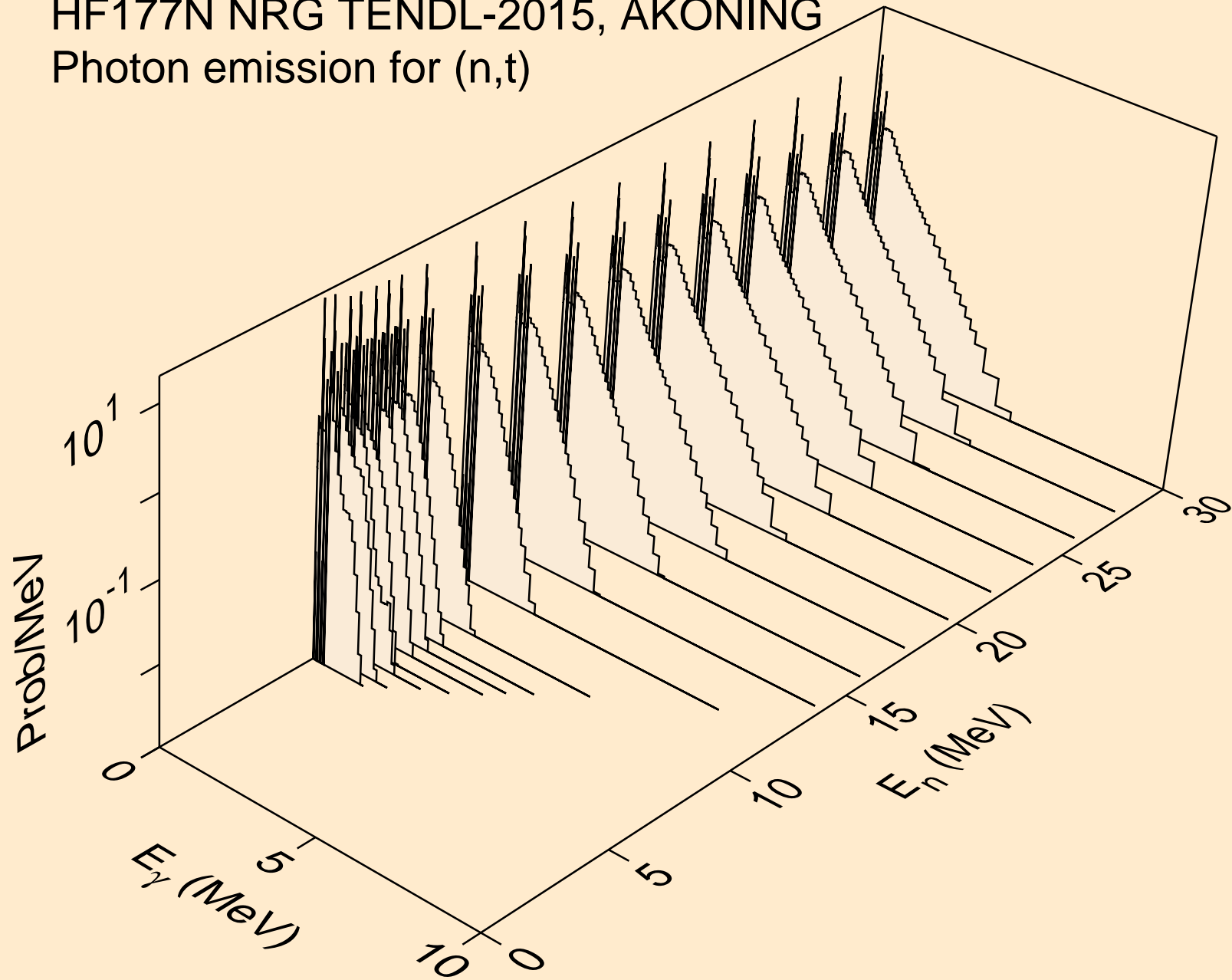
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,p)



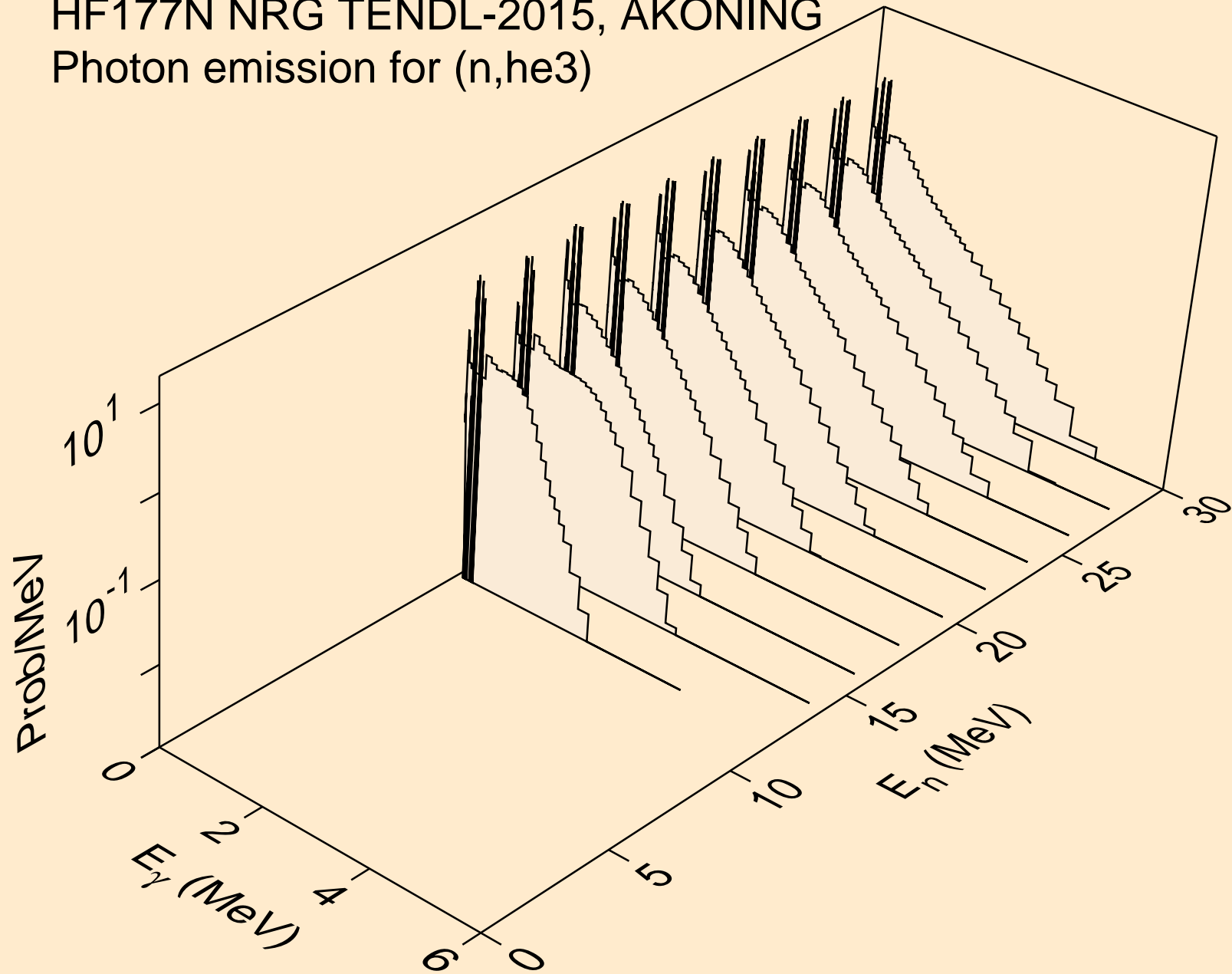
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,d)



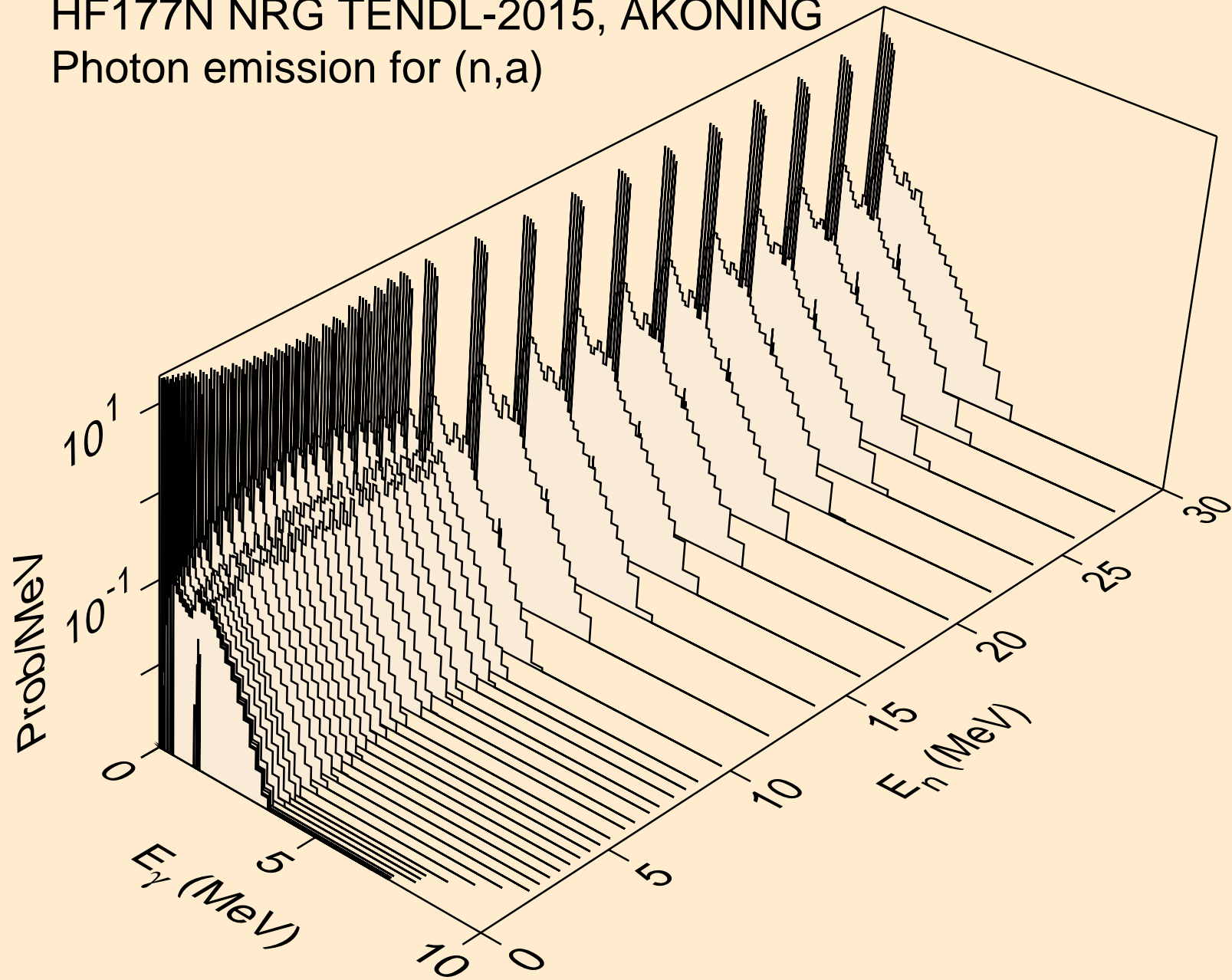
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,t)



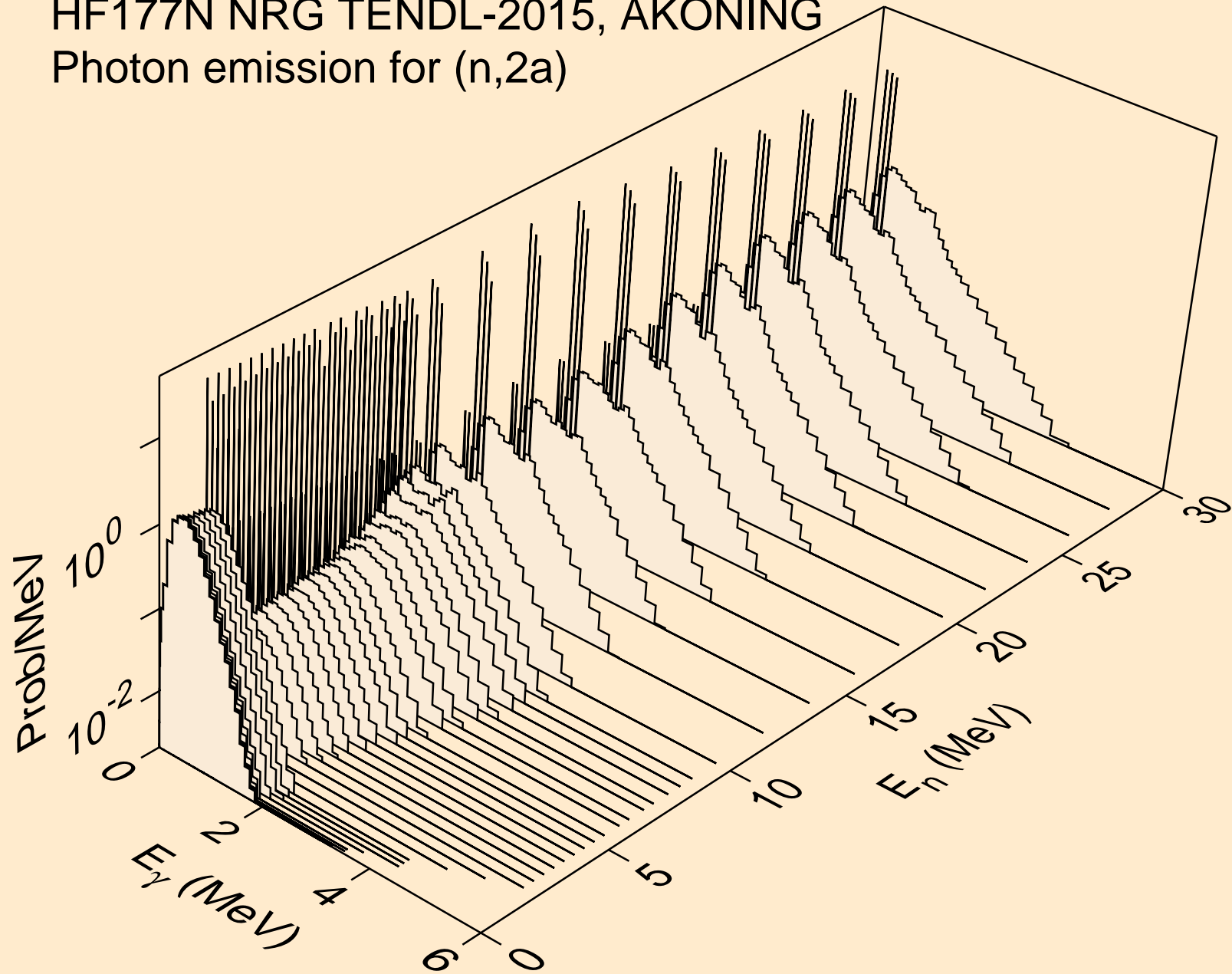
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



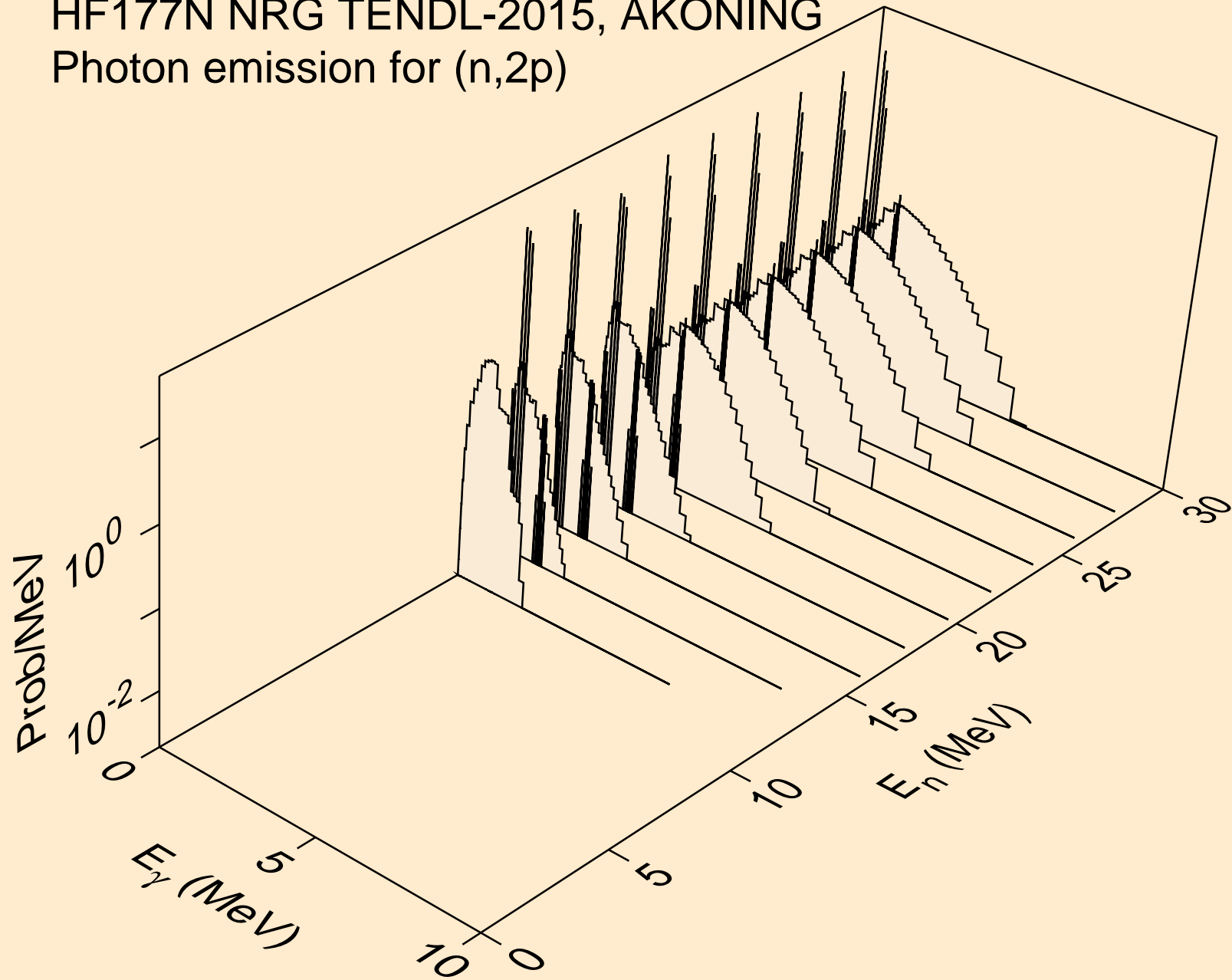
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,a)



HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

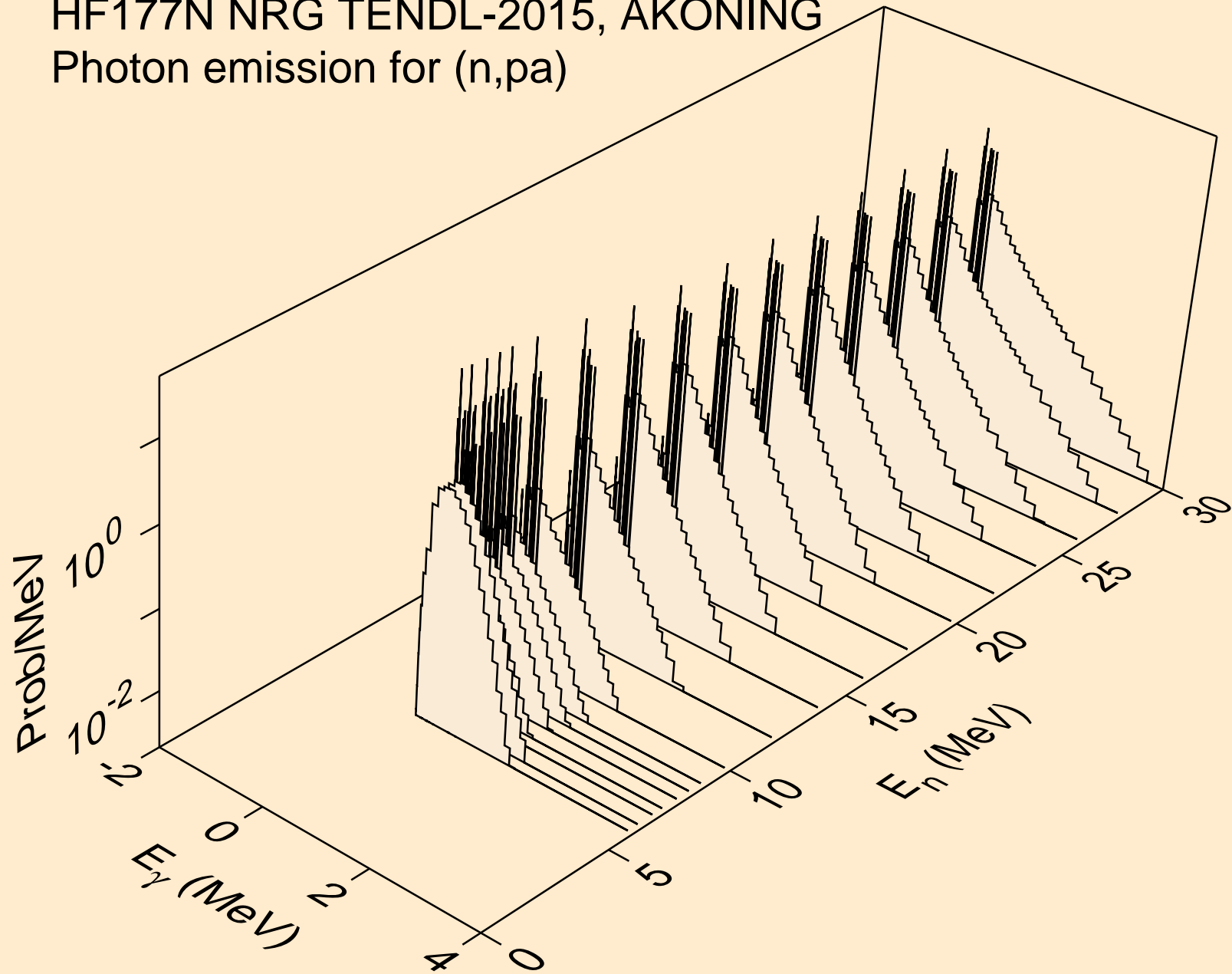


HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

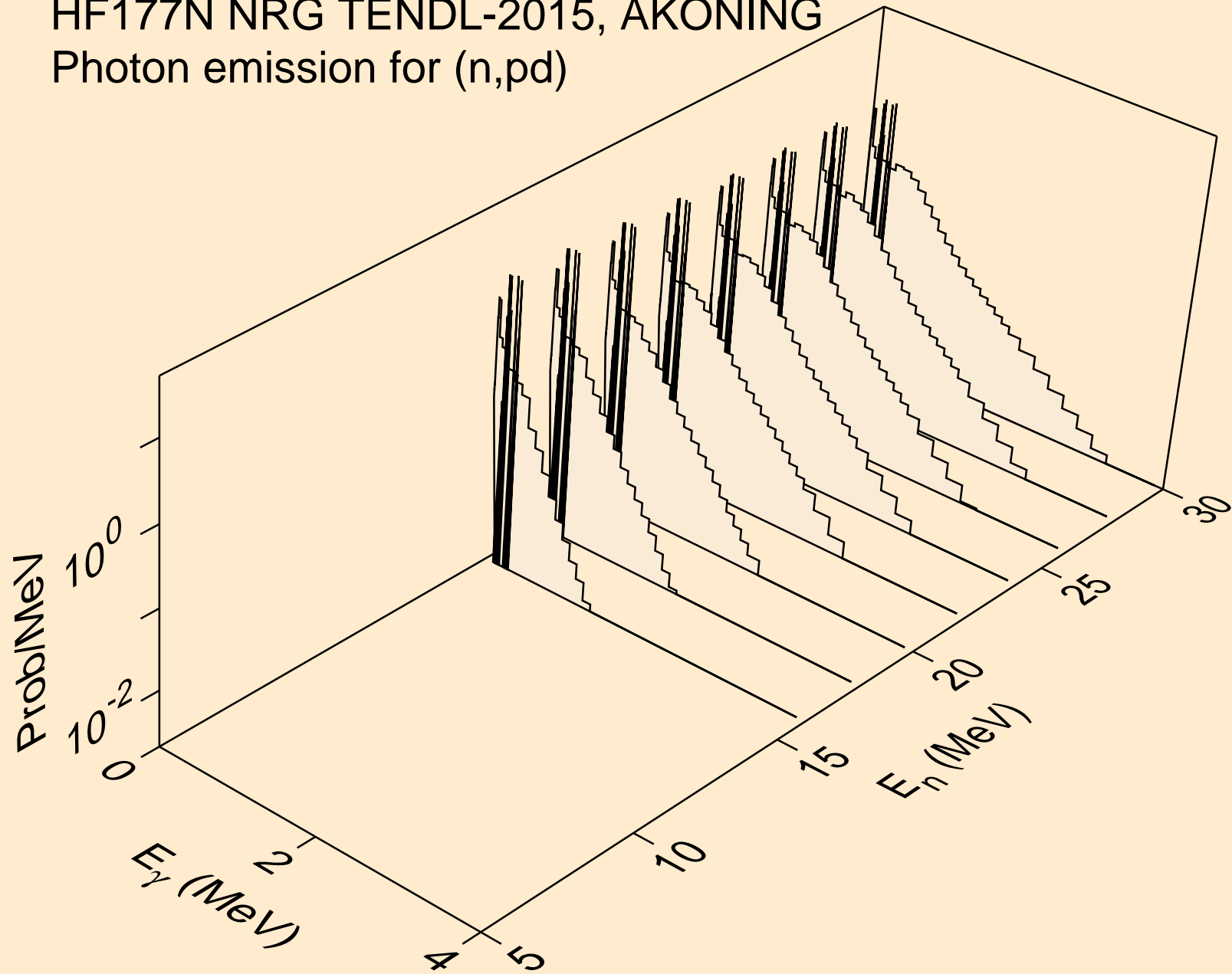




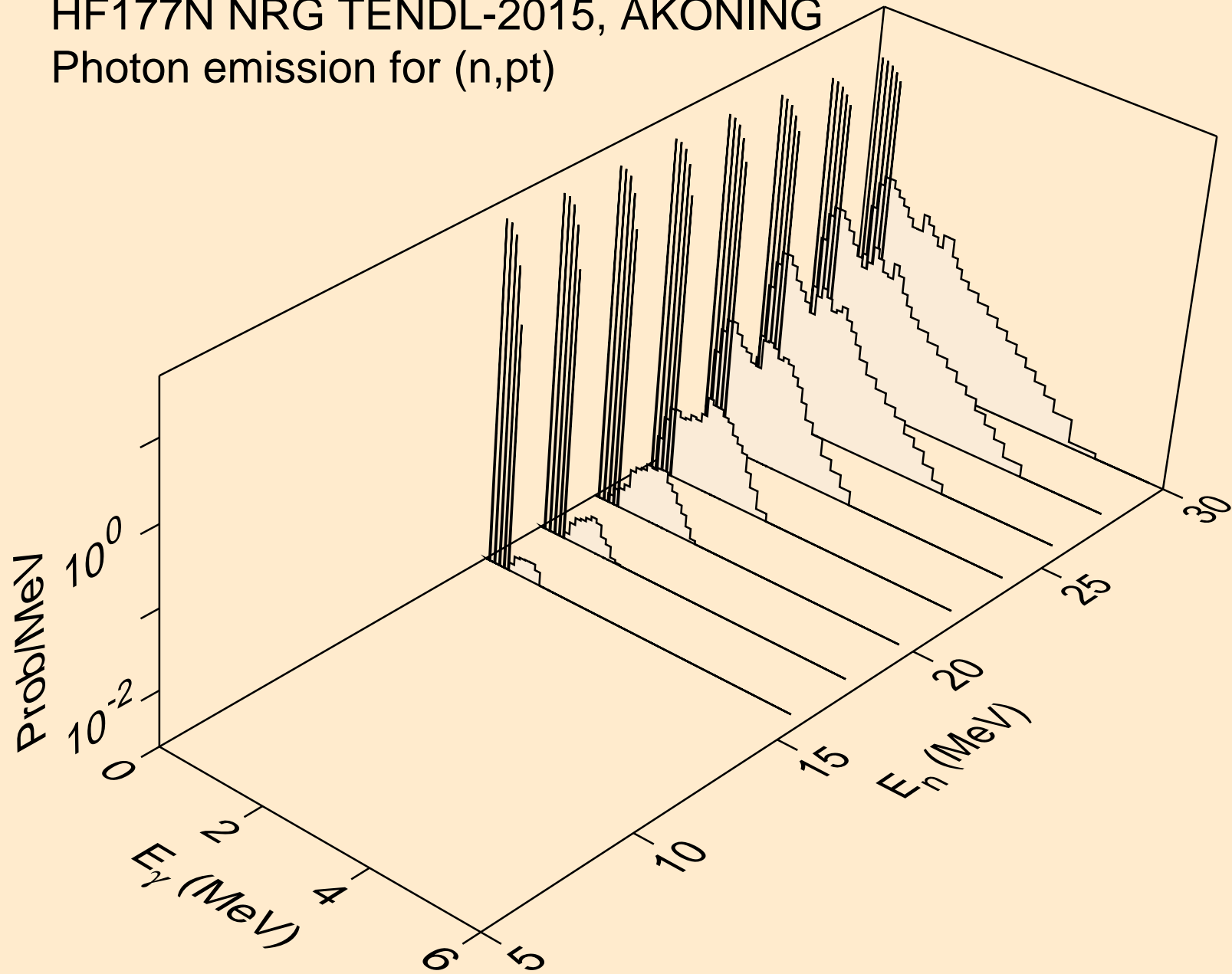
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



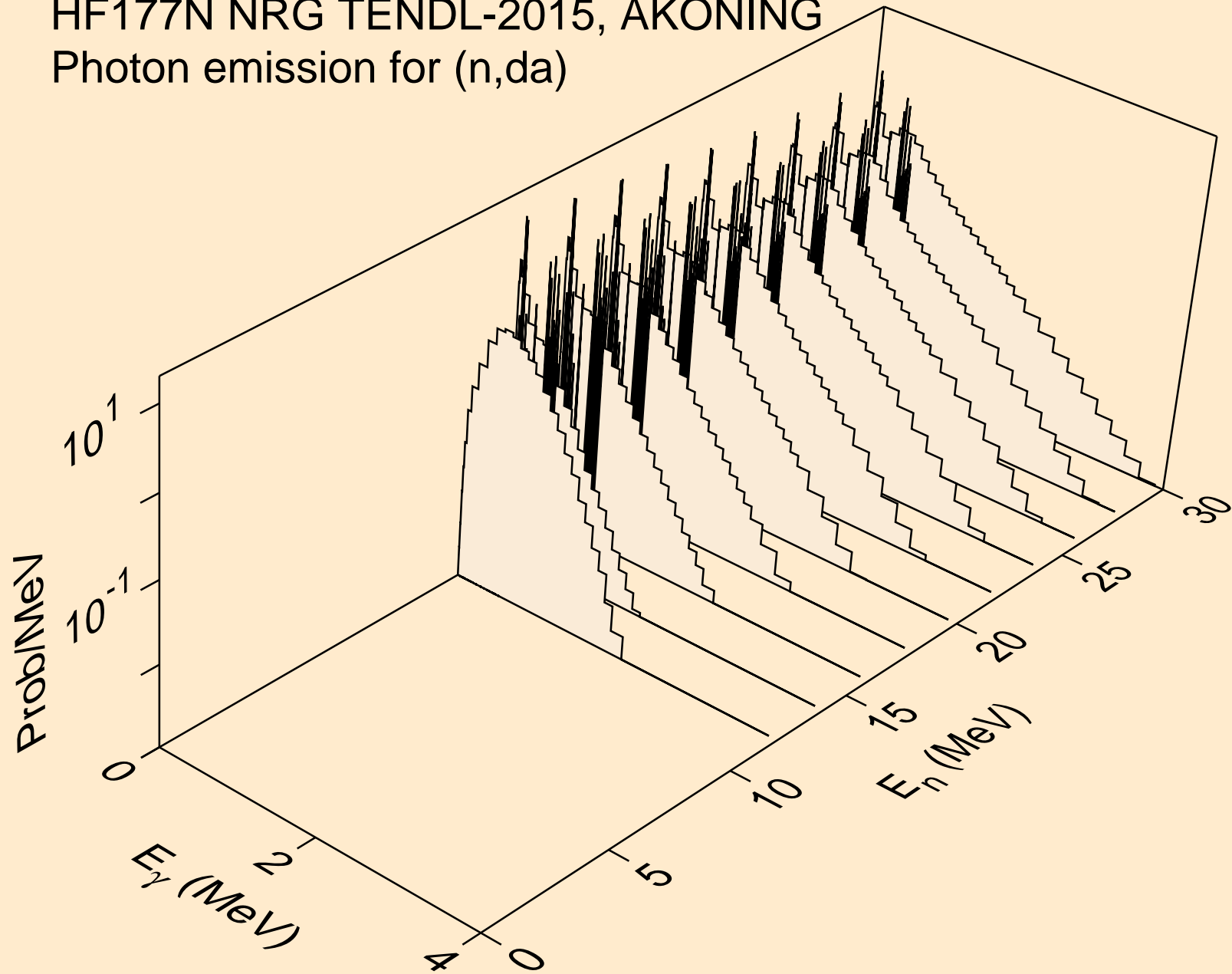
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



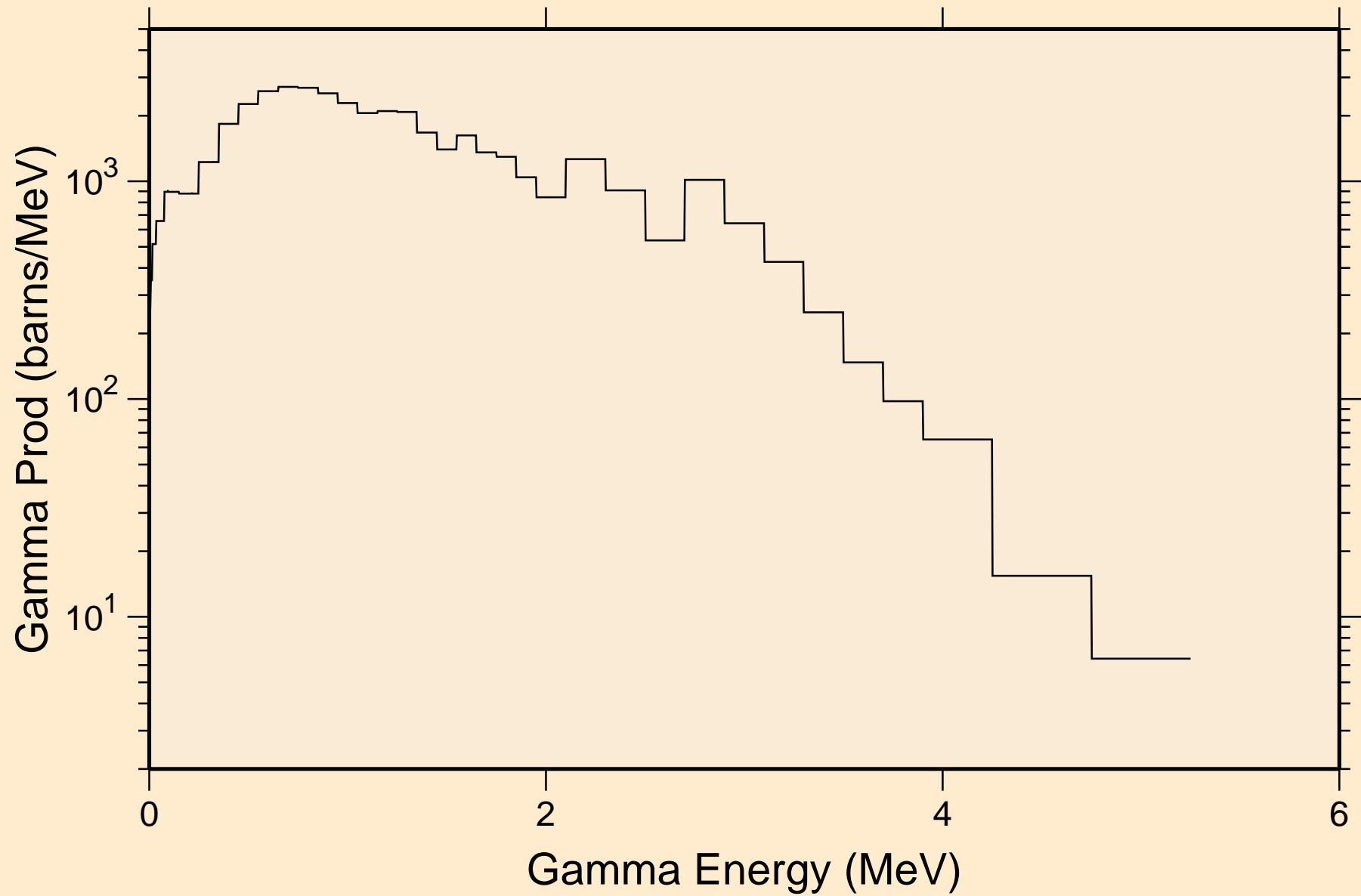
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



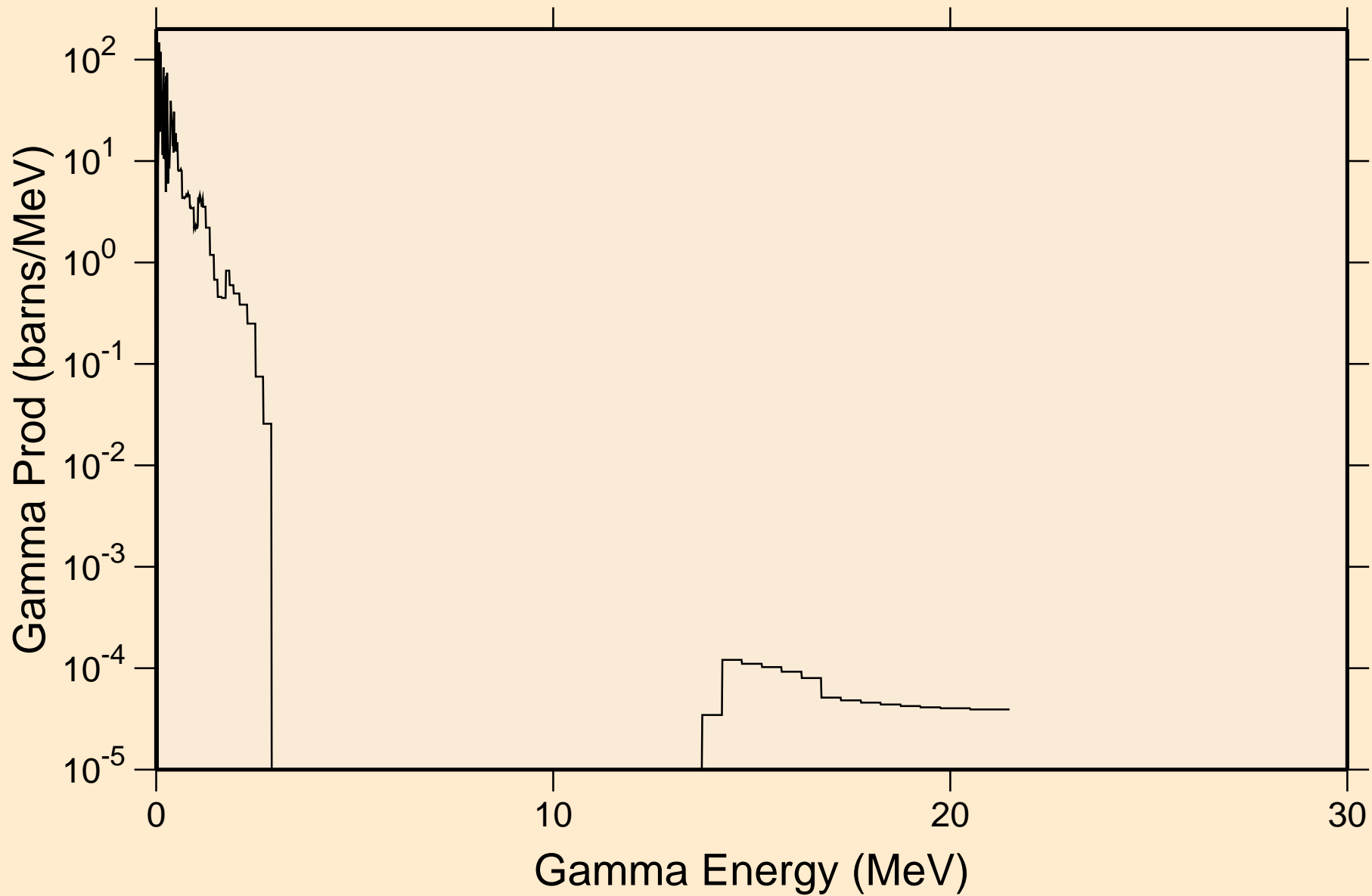
HF177N NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HF177N NRG TENDL-2015, AKONING  
thermal capture photon spectrum

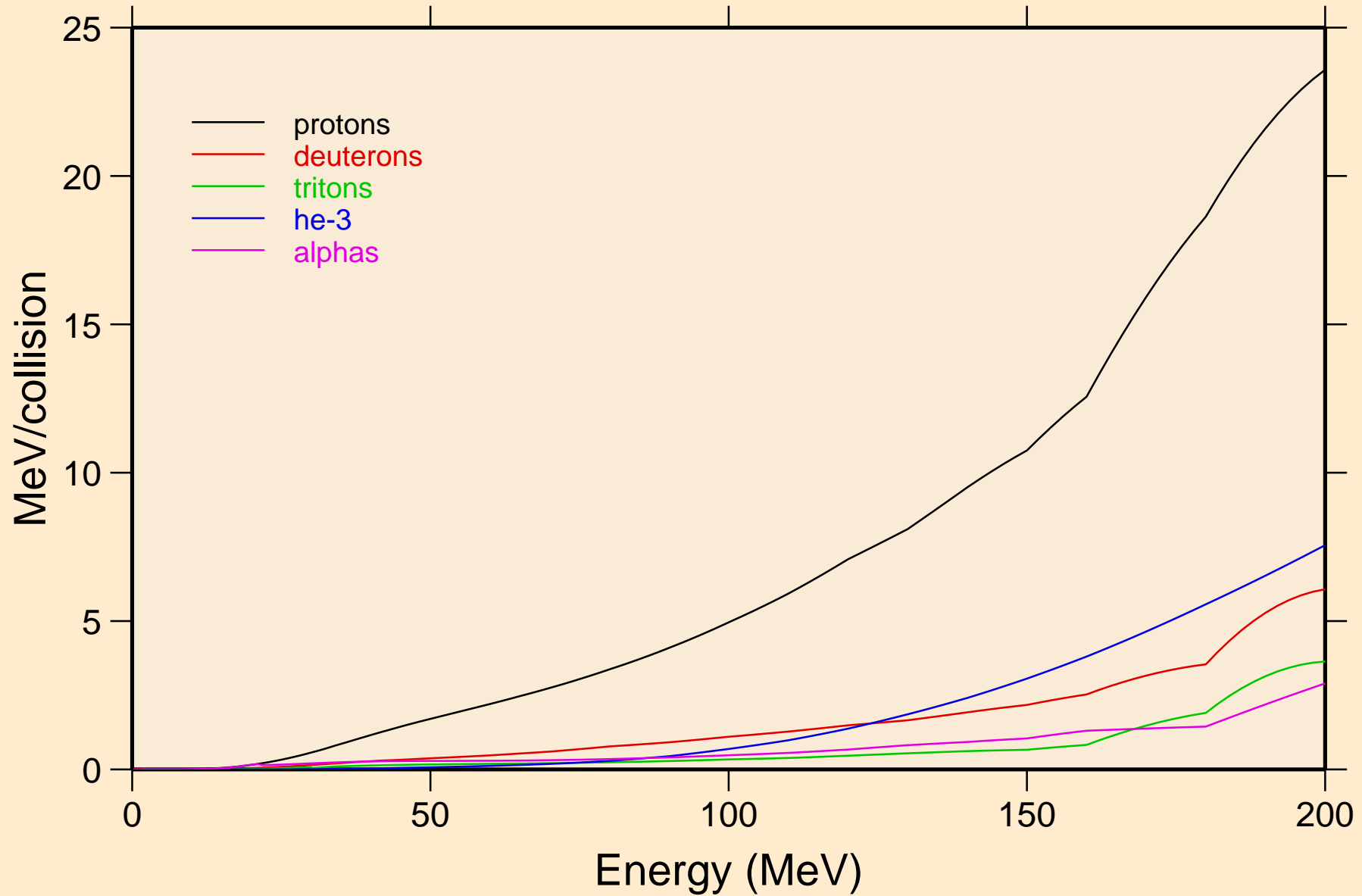


HF177N NRG TENDL-2015, AKONING  
14 MeV photon spectrum



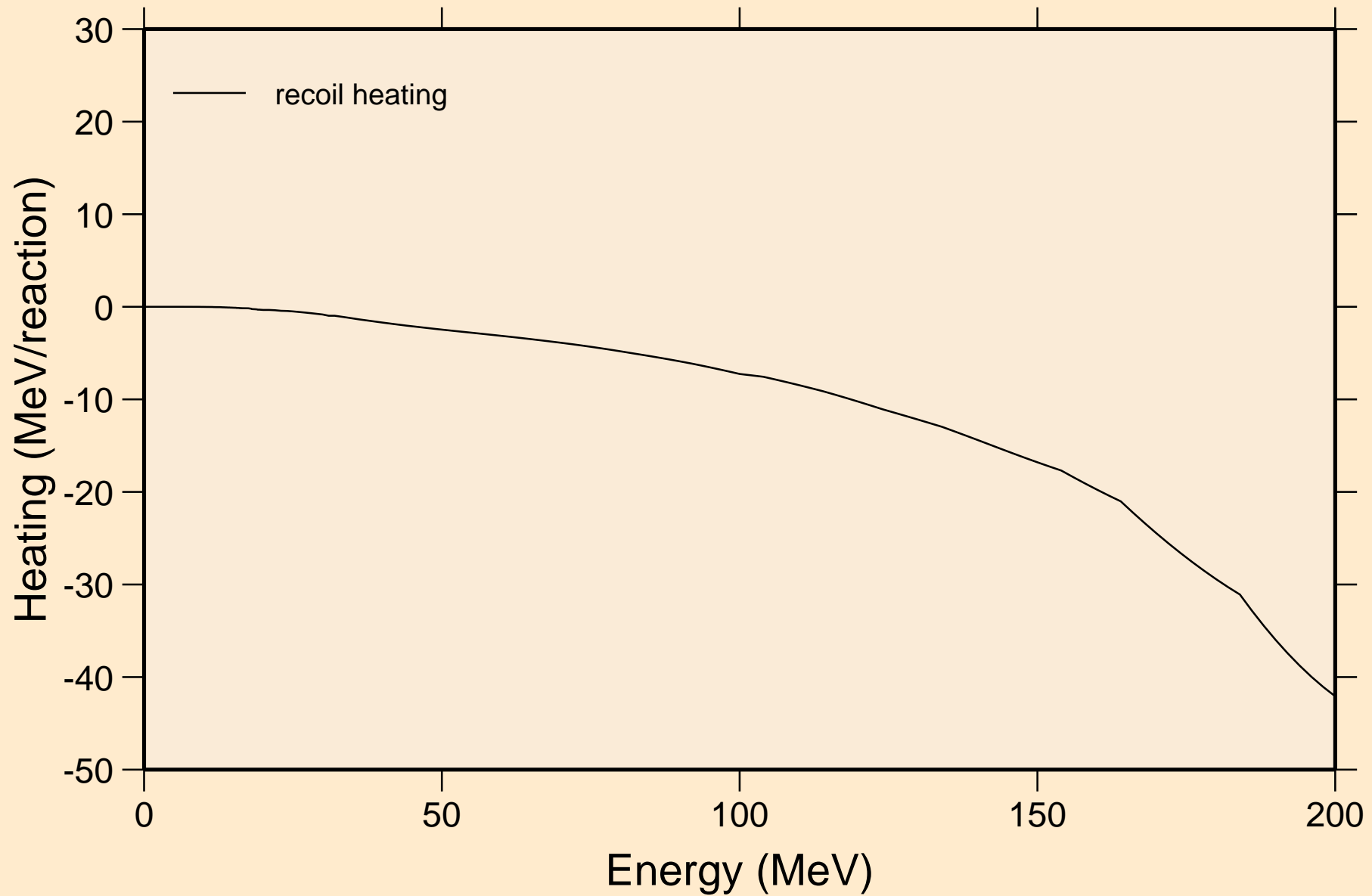
# HF177N NRG TENDL-2015, AKONING

## Particle heating contributions



# HF177N NRG TENDL-2015, AKONING

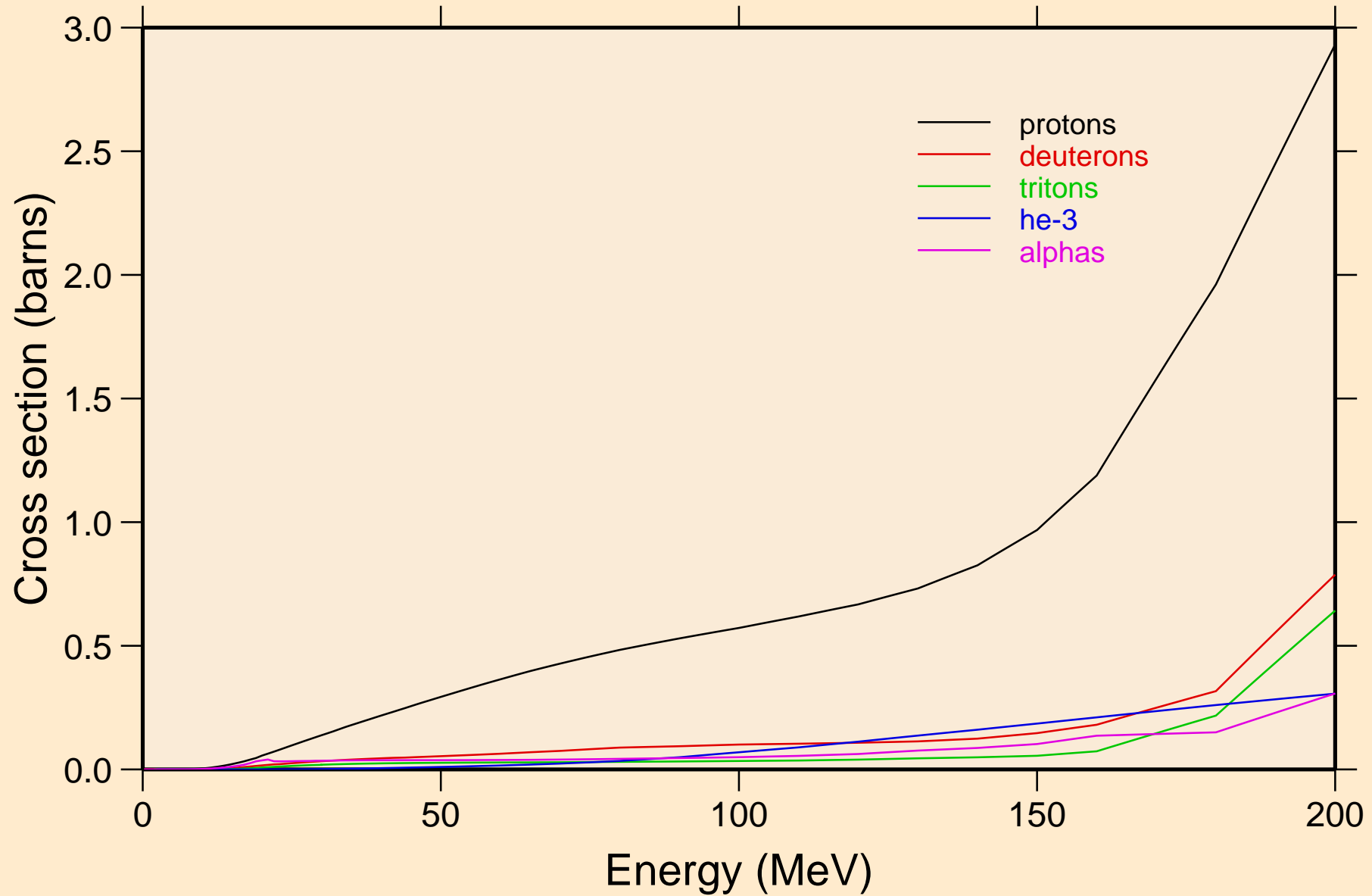
## Recoil Heating



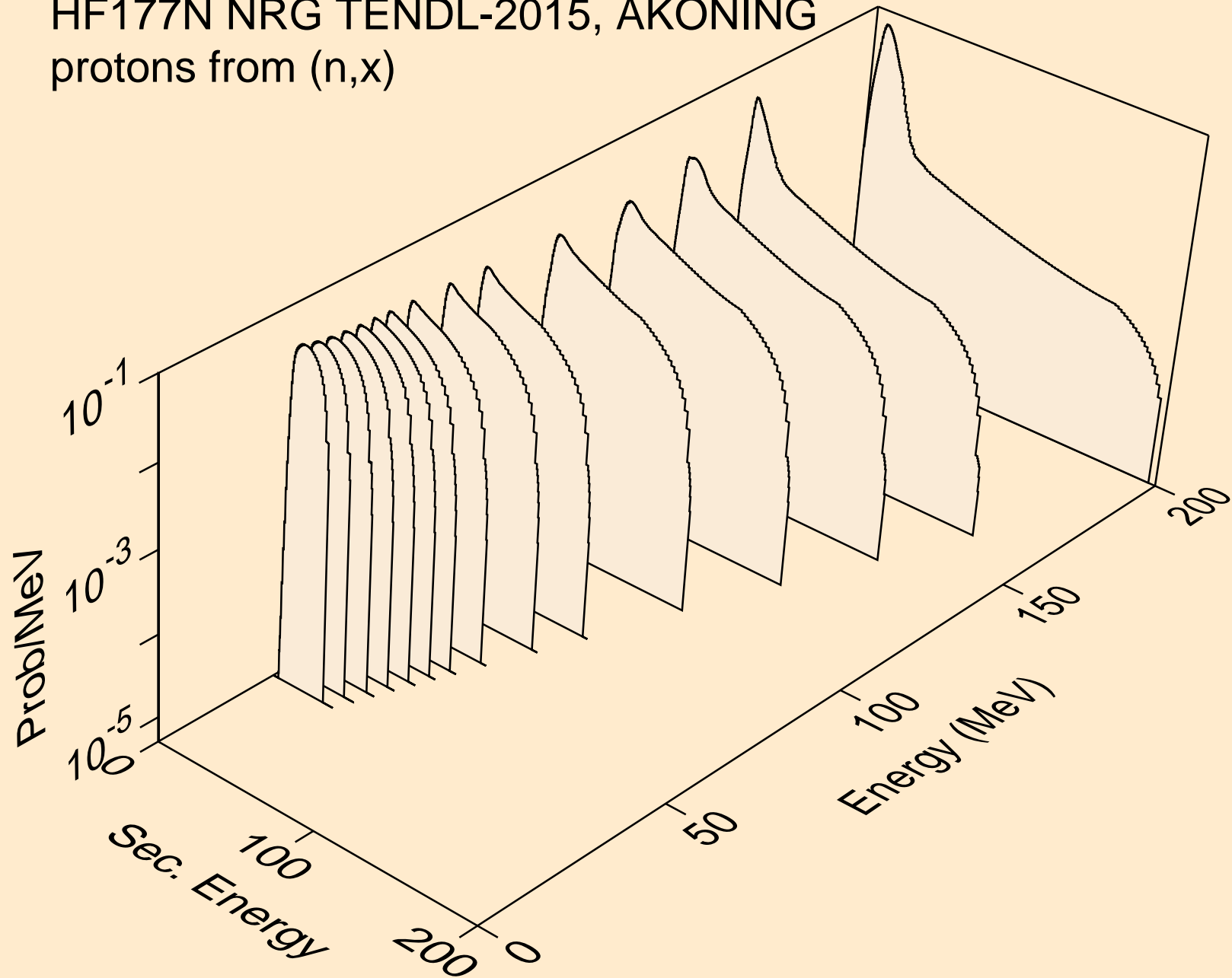


# HF177N NRG TENDL-2015, AKONING

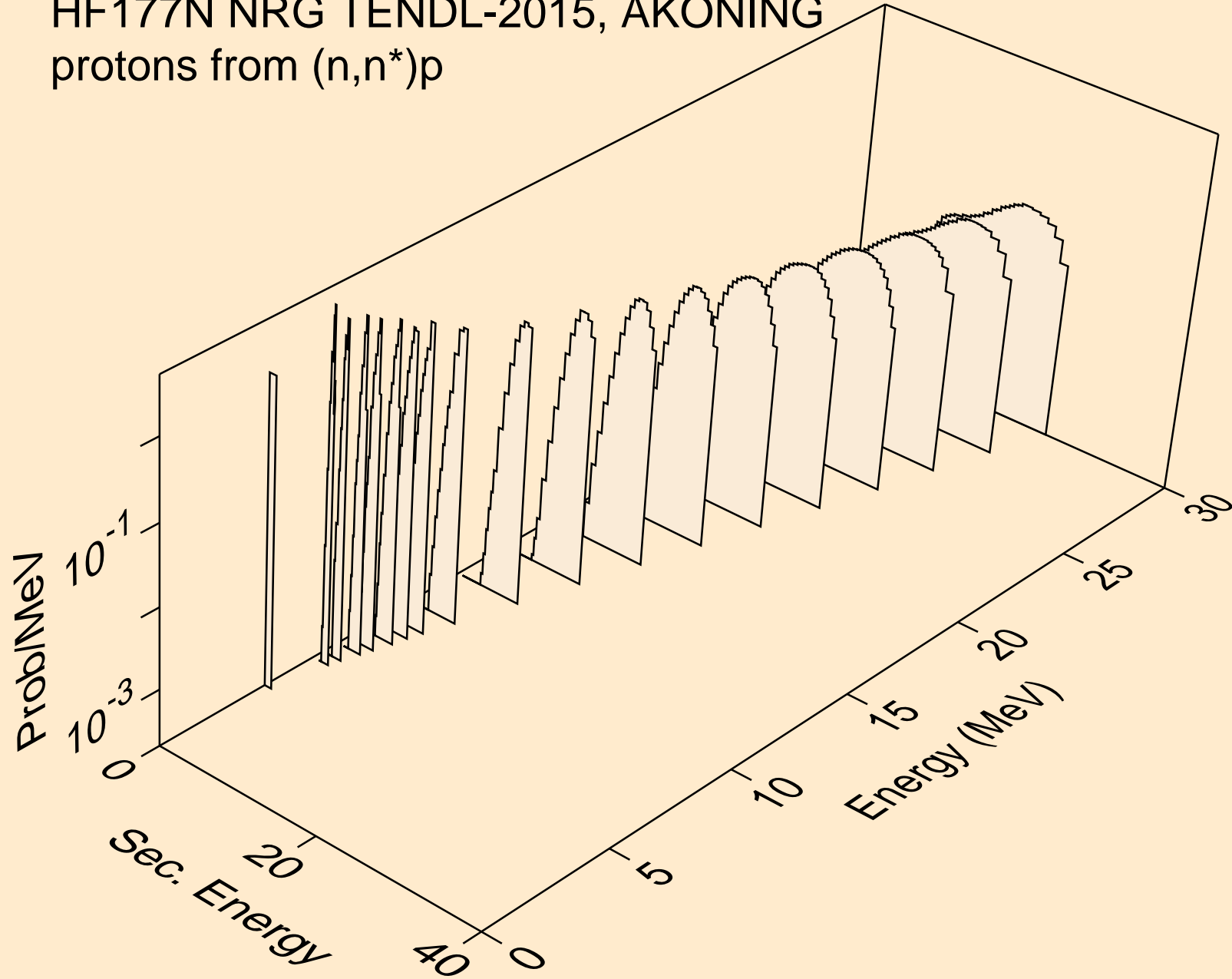
## Particle production cross sections



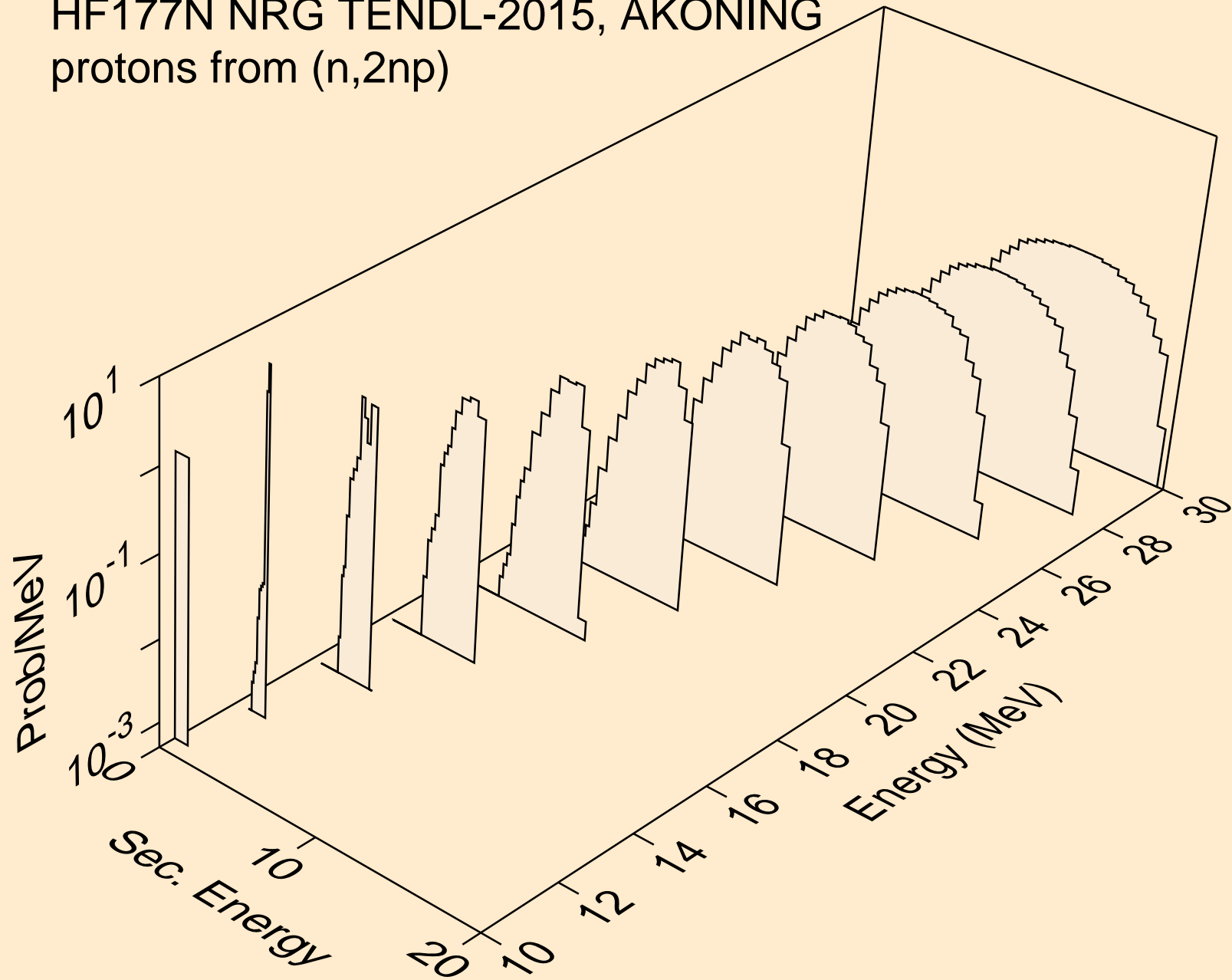
HF177N NRG TENDL-2015, AKONING  
protons from (n,x)



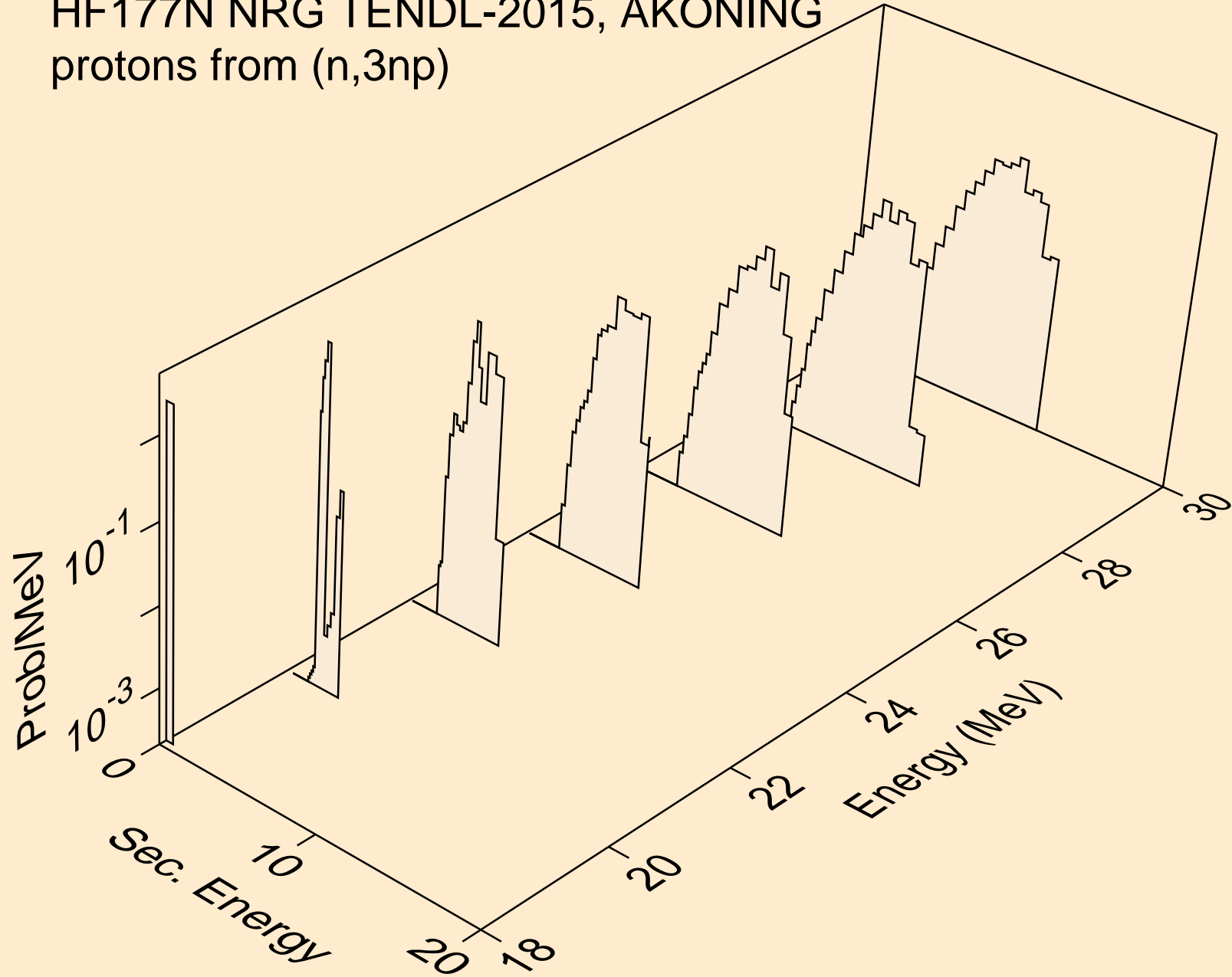
HF177N NRG TENDL-2015, AKONING  
protons from (n,n\*)p



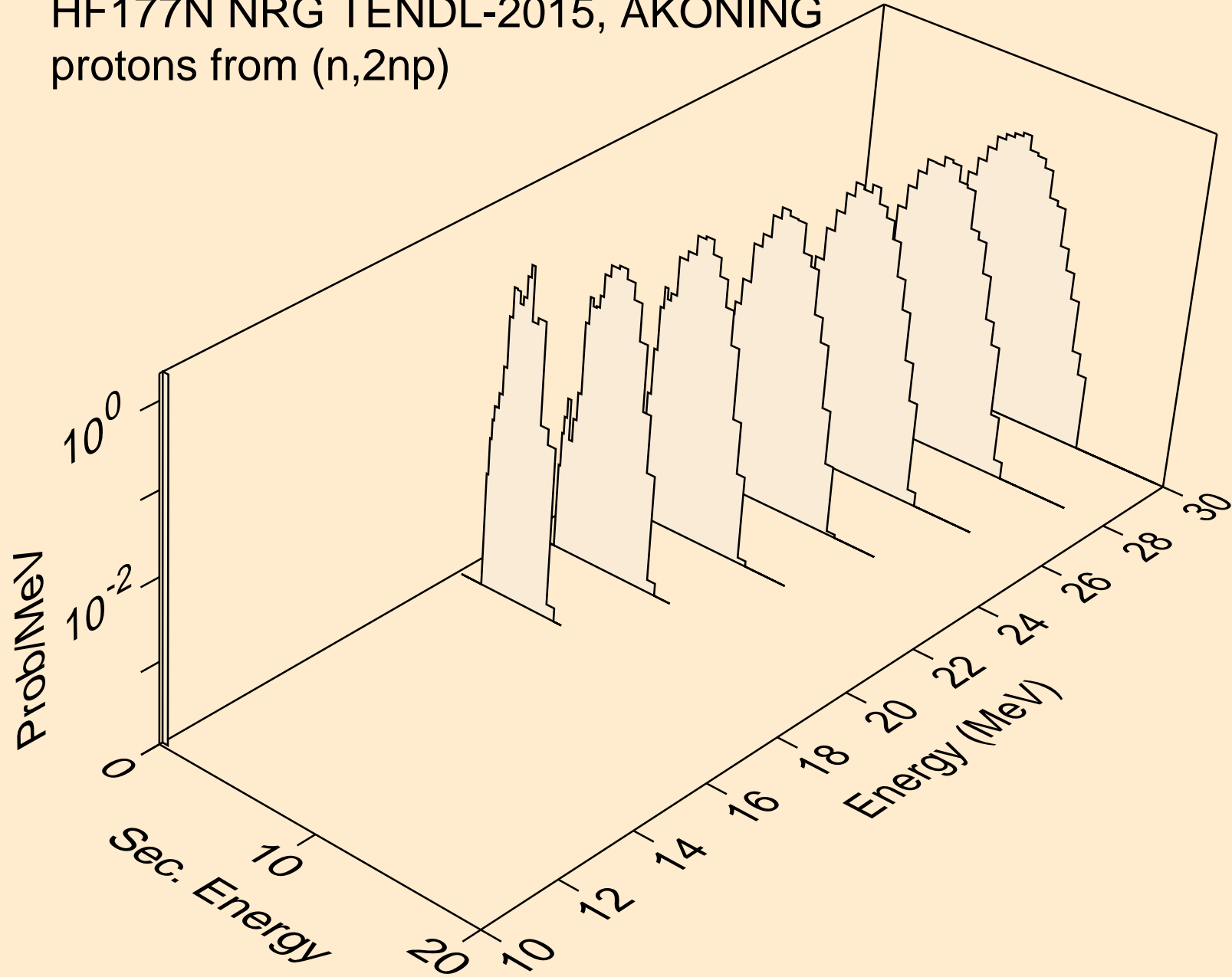
HF177N NRG TENDL-2015, AKONING  
protons from (n,2np)



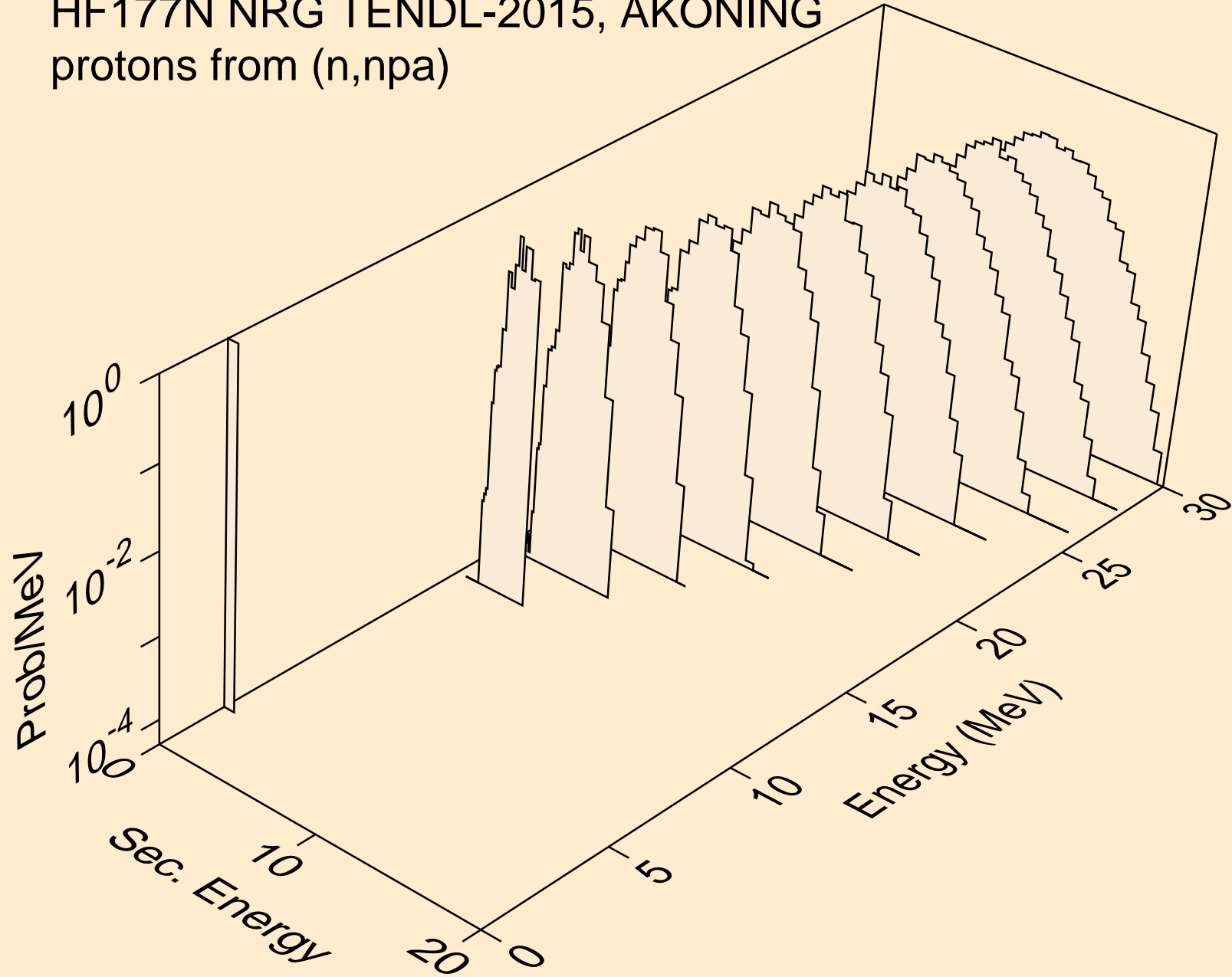
HF177N NRG TENDL-2015, AKONING  
protons from (n,3np)



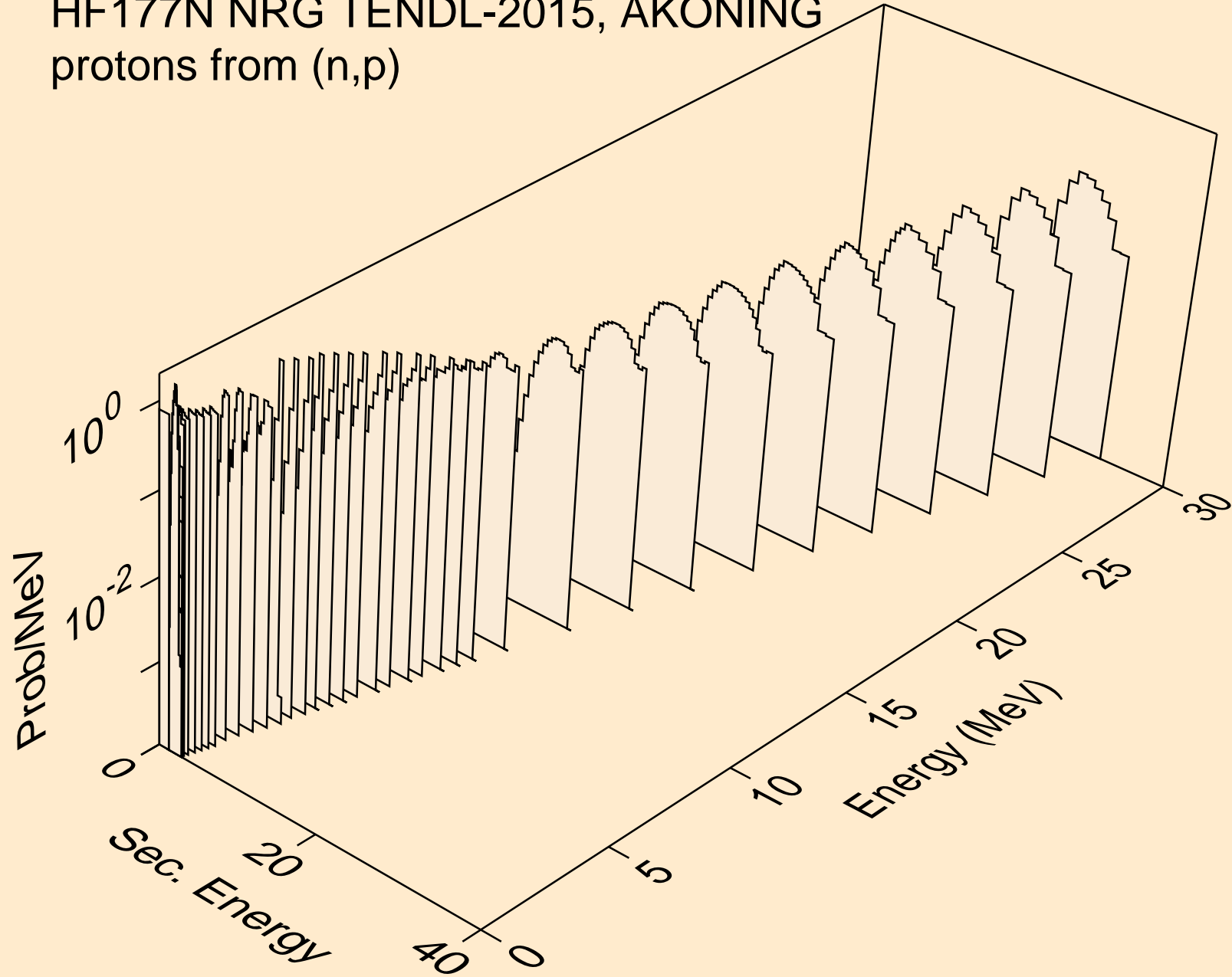
HF177N NRG TENDL-2015, AKONING  
protons from (n,2np)



HF177N NRG TENDL-2015, AKONING  
protons from (n,npa)

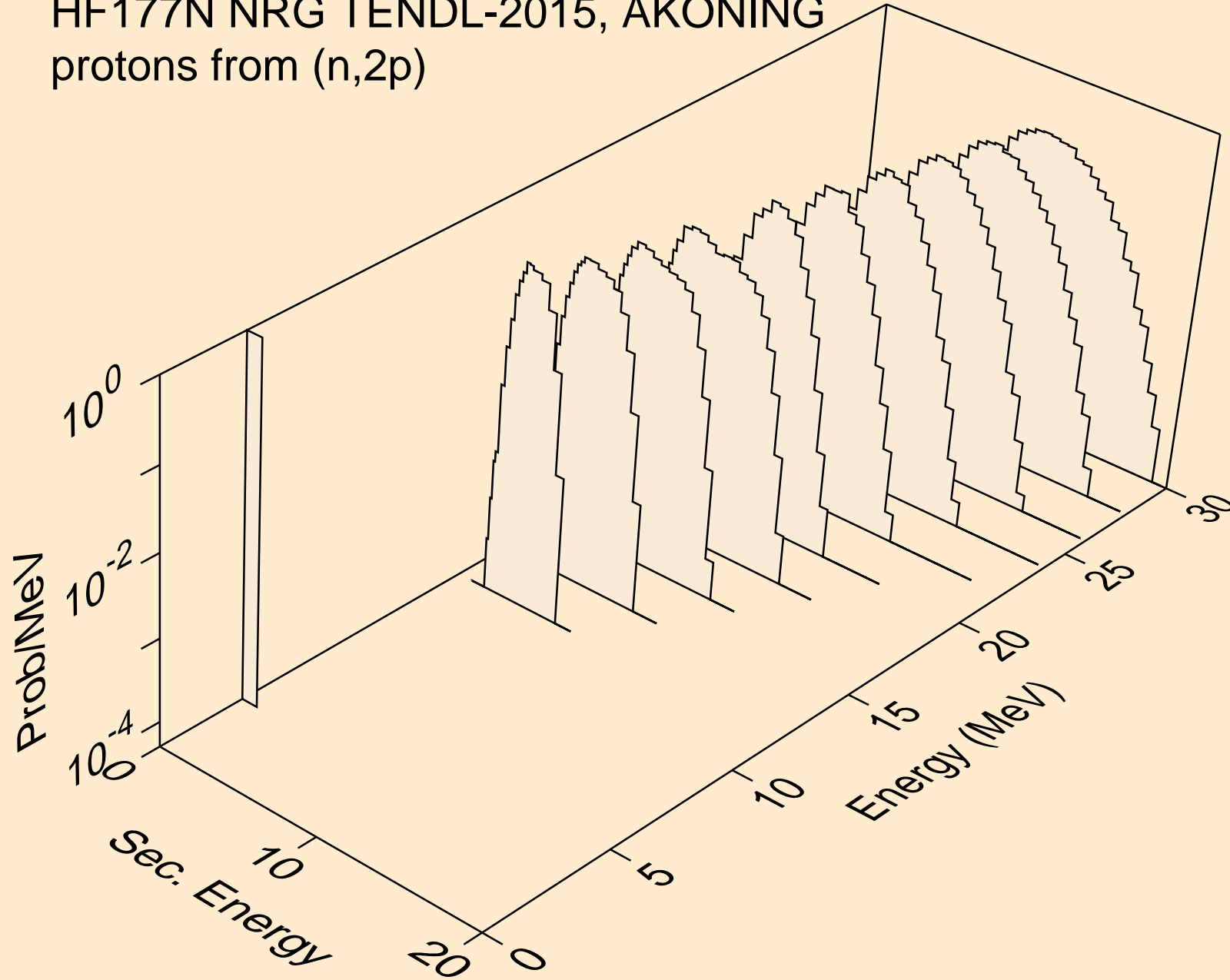


HF177N NRG TENDL-2015, AKONING  
protons from (n,p)

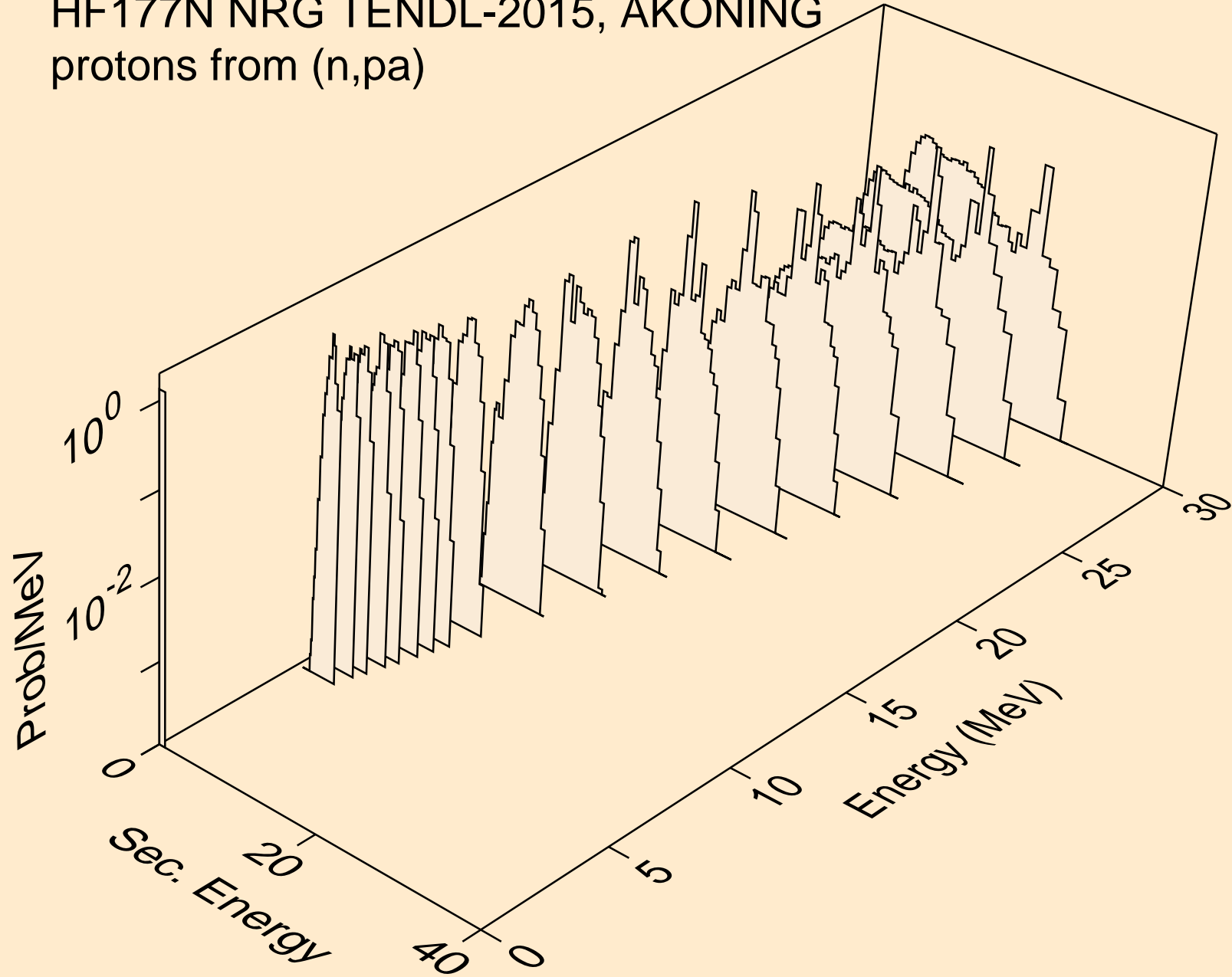




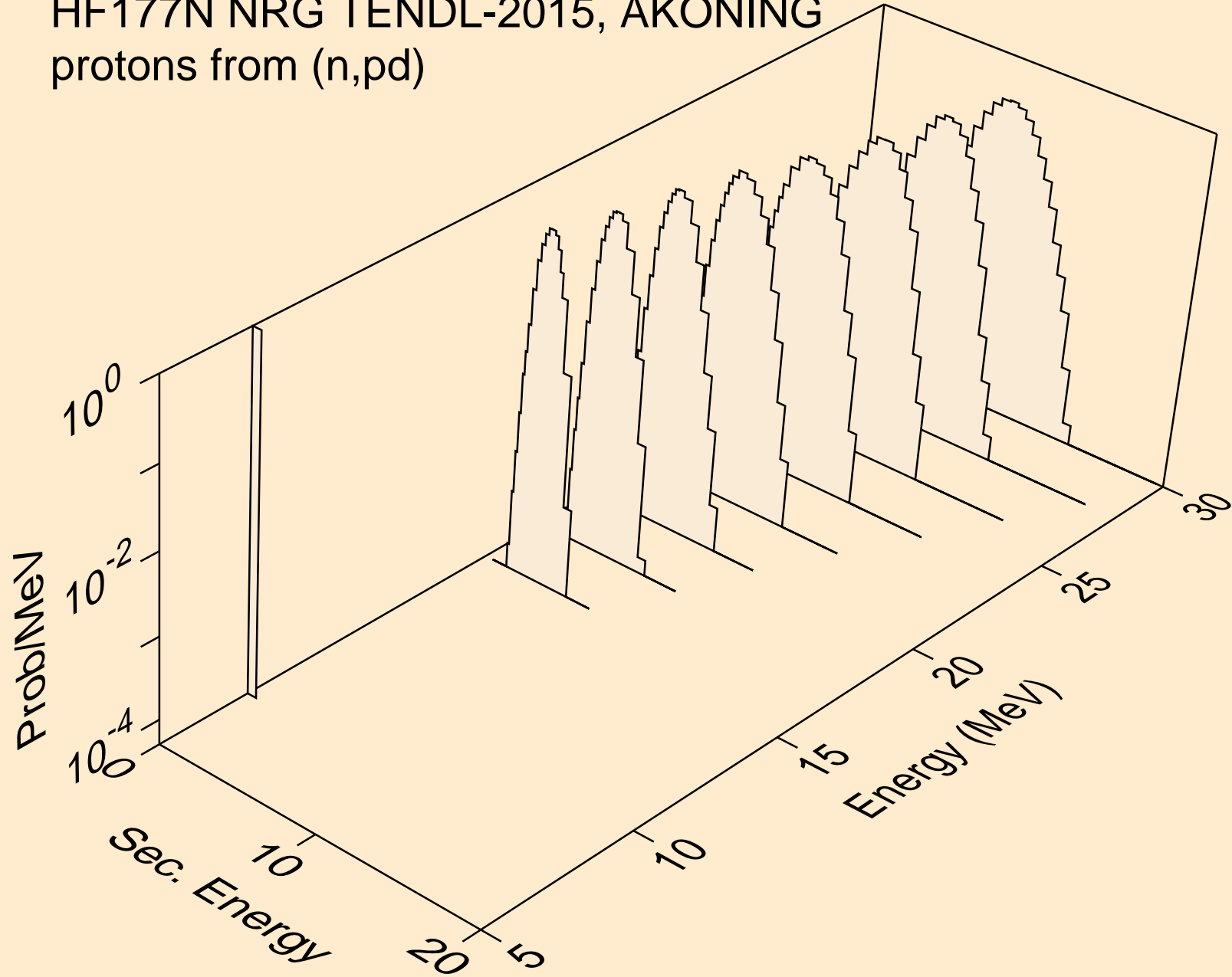
HF177N NRG TENDL-2015, AKONING  
protons from (n,2p)



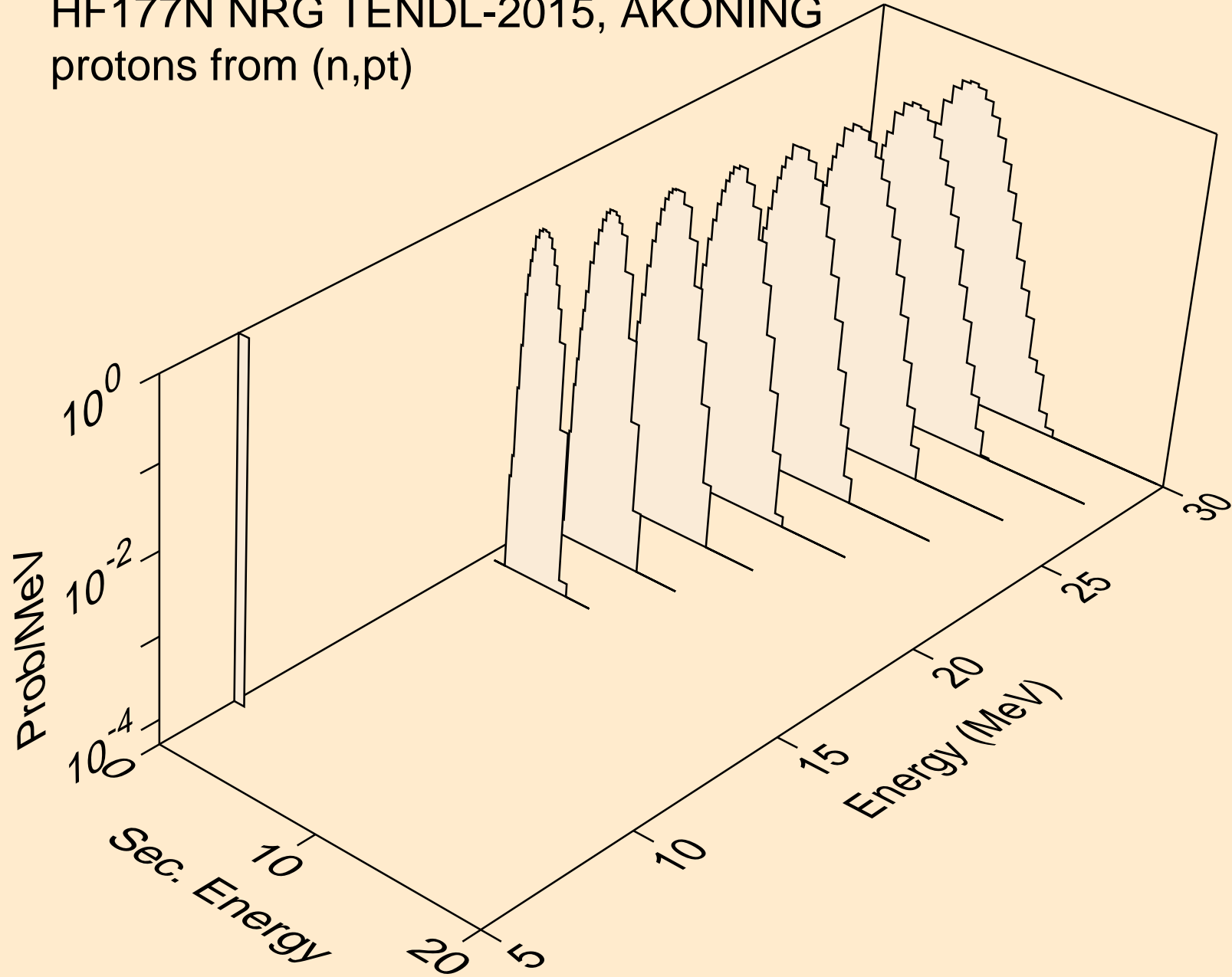
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protons from (n,pa)



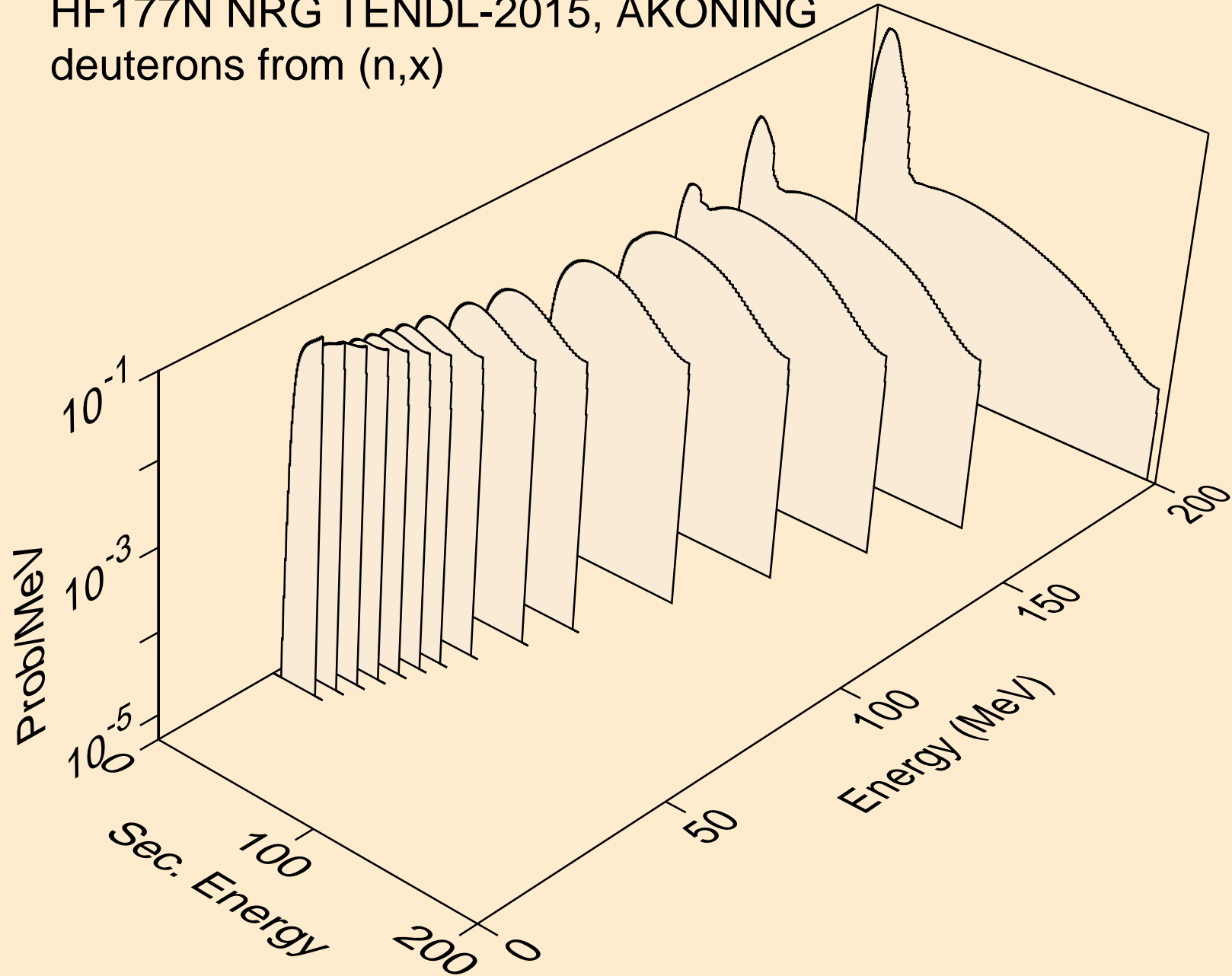
HF177N NRG TENDL-2015, AKONING  
protons from (n,pd)



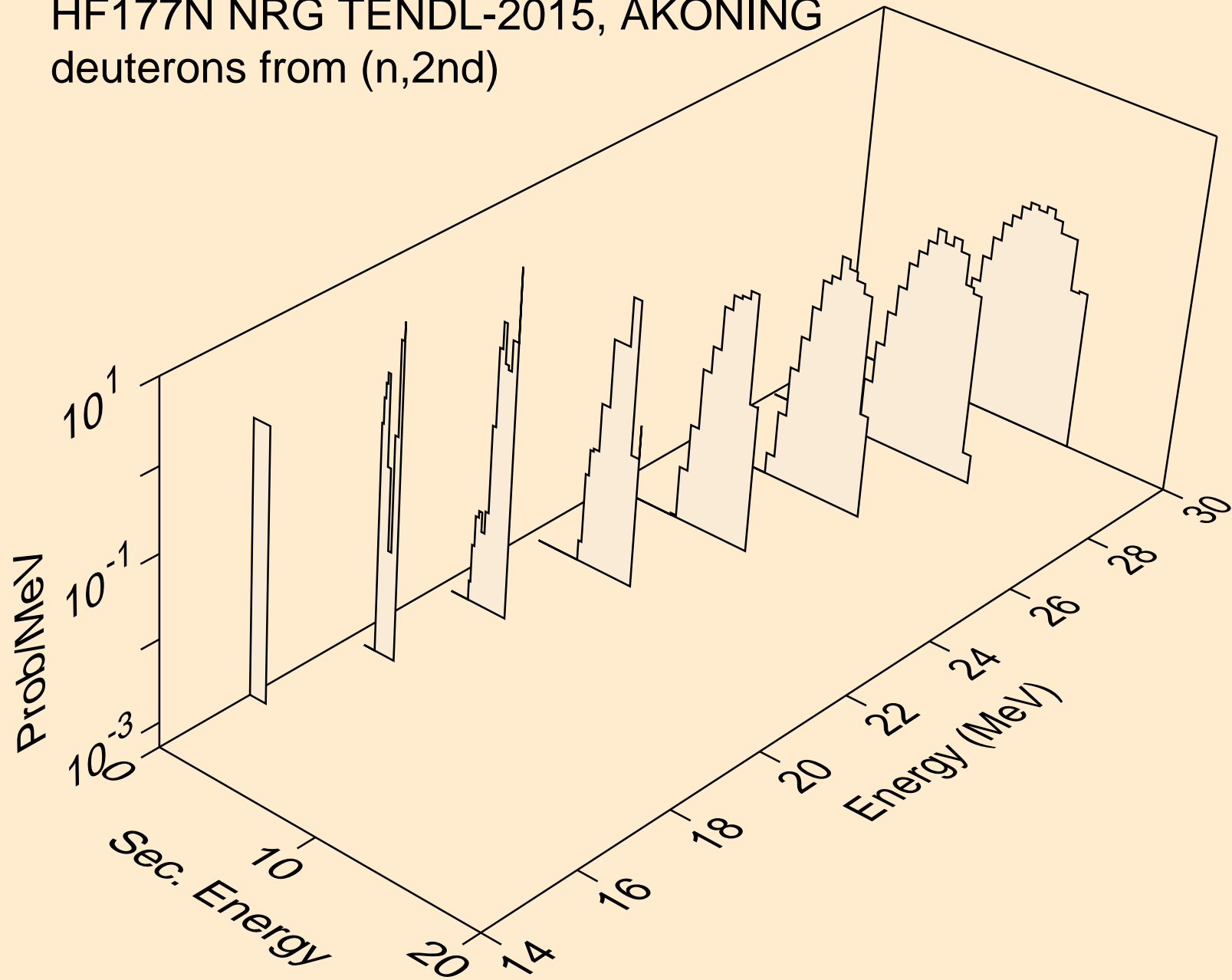
HF177N NRG TENDL-2015, AKONING  
protons from (n,pt)



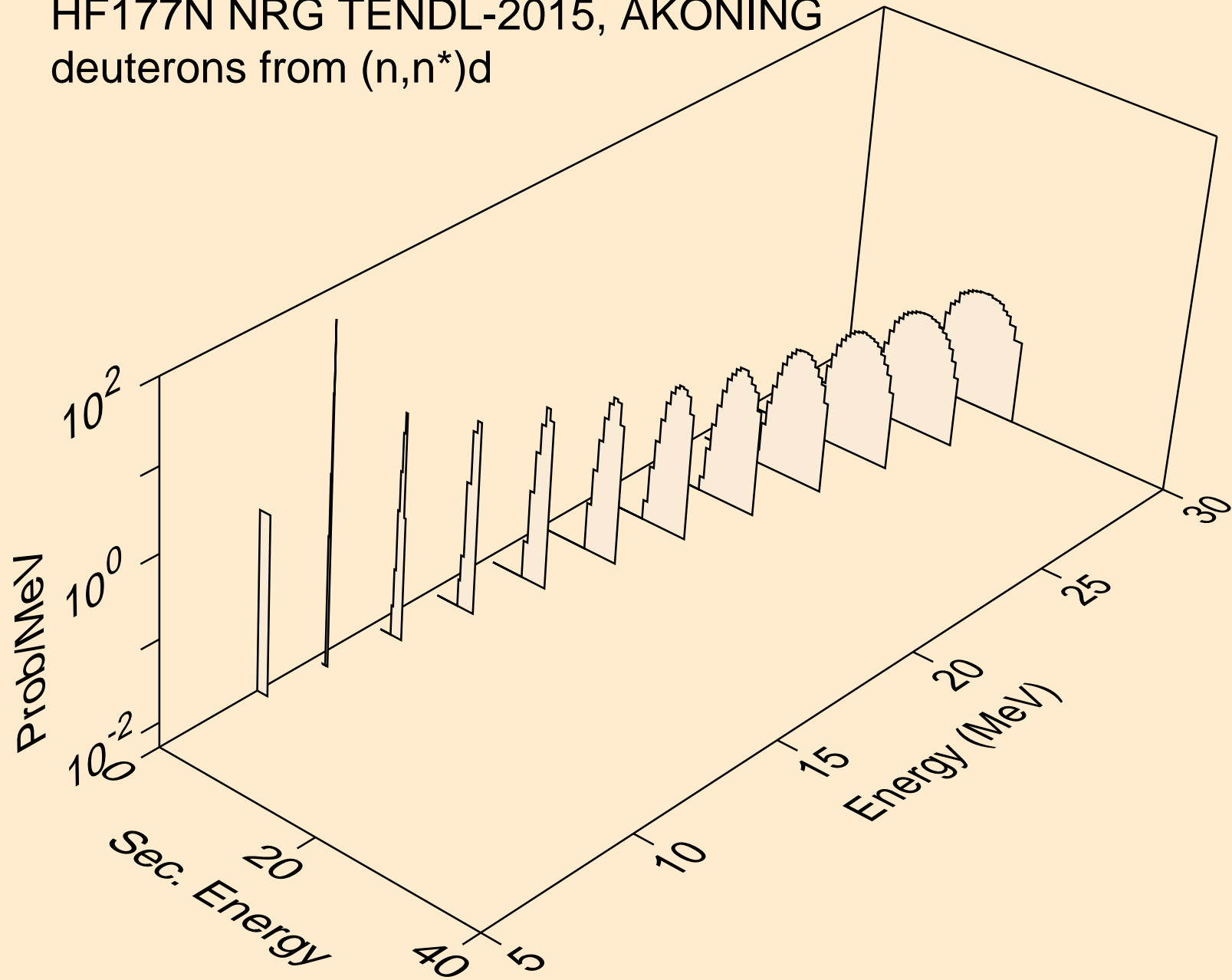
HF177N NRG TENDL-2015, AKONING  
deuterons from (n,x)



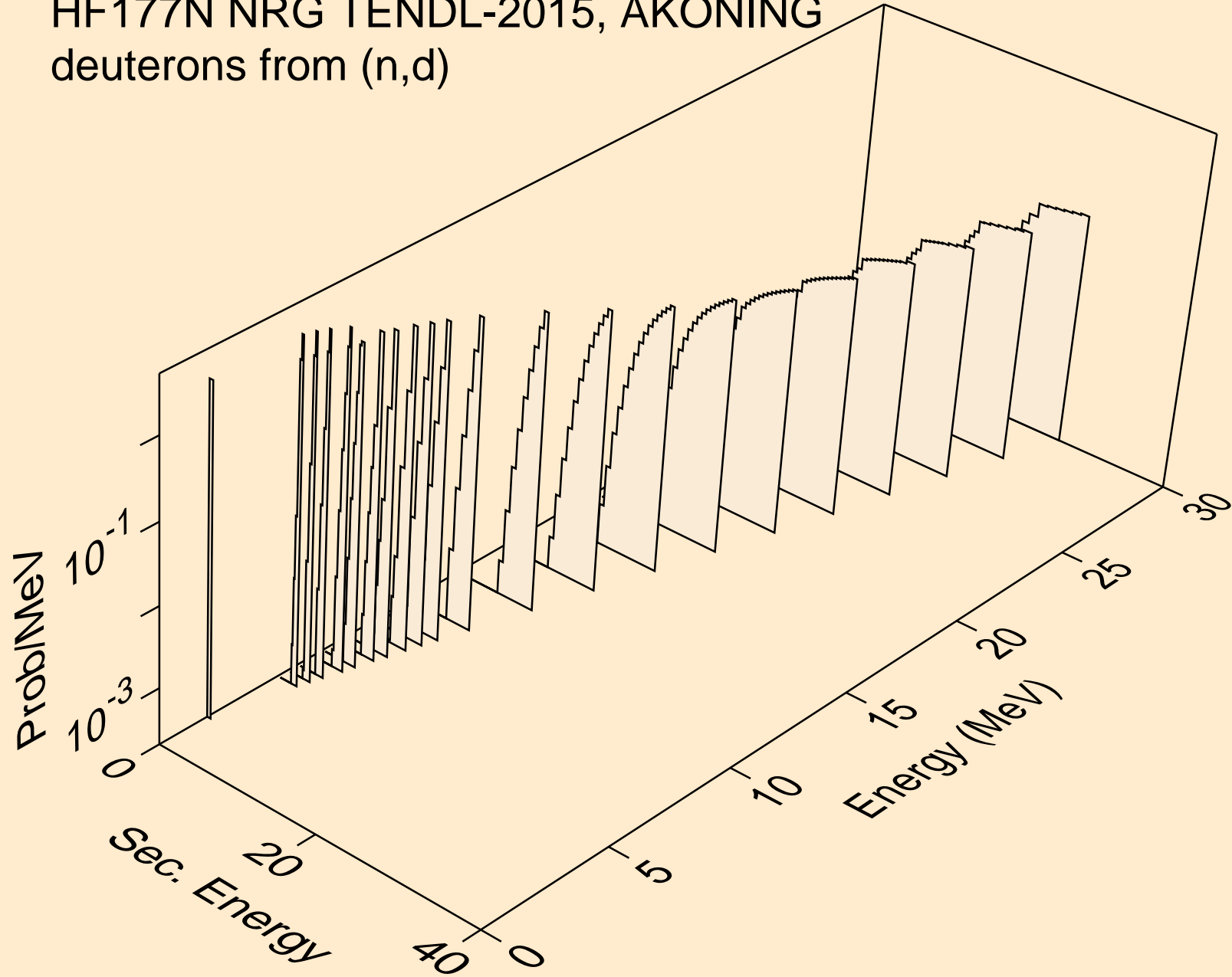
HF177N NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



HF177N NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

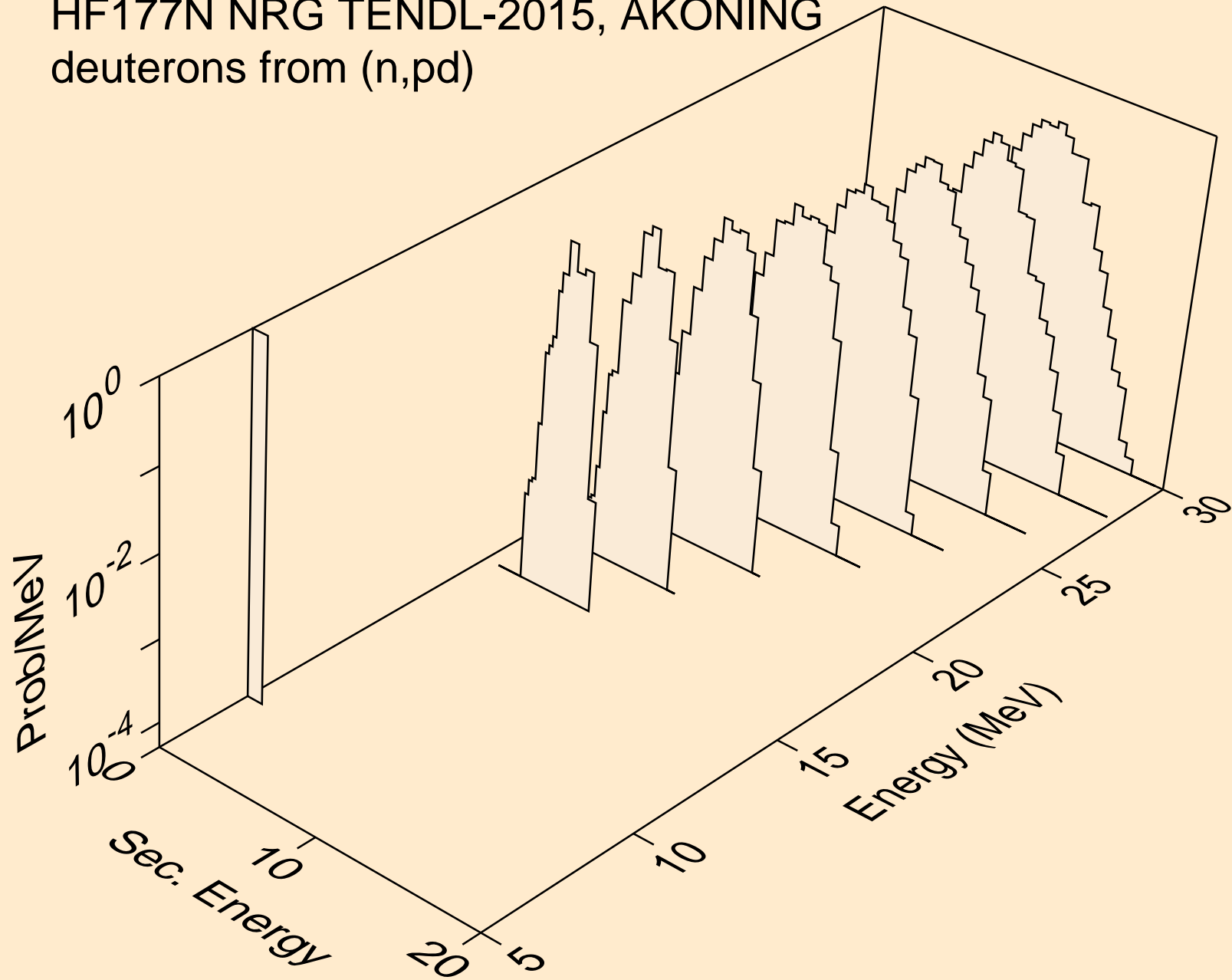


HF177N NRG TENDL-2015, AKONING  
deuterons from (n,d)

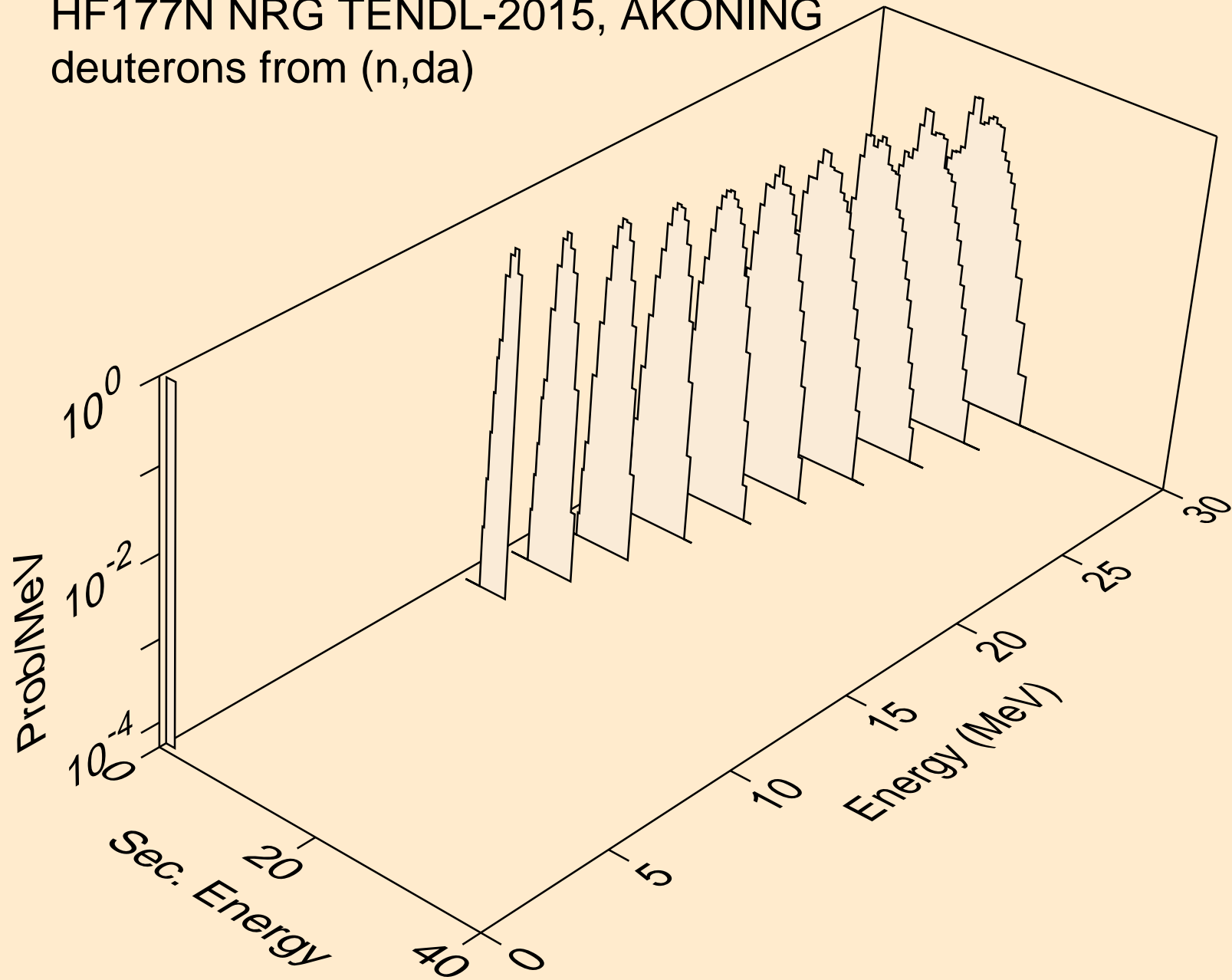




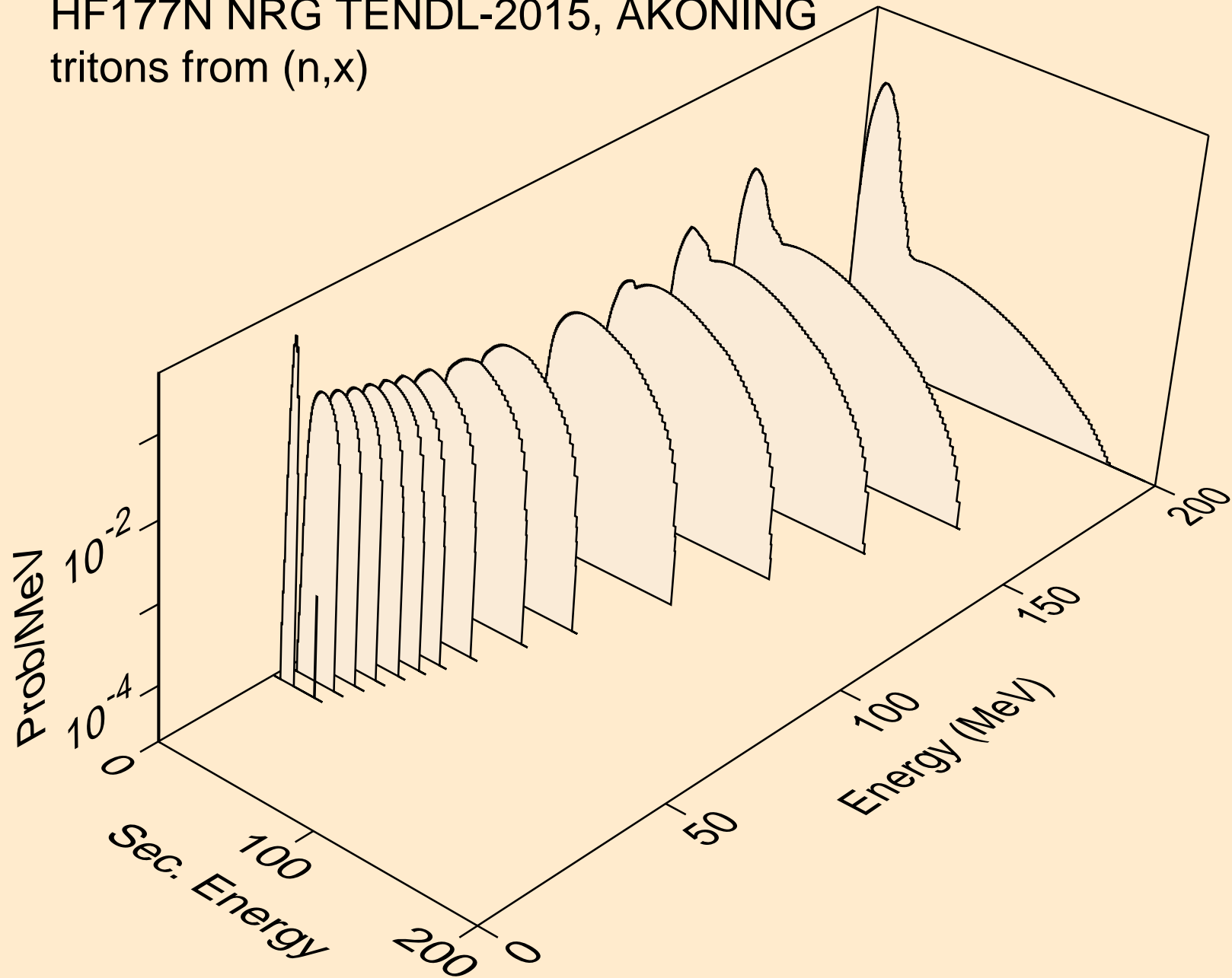
HF177N NRG TENDL-2015, AKONING  
deuterons from (n,pd)



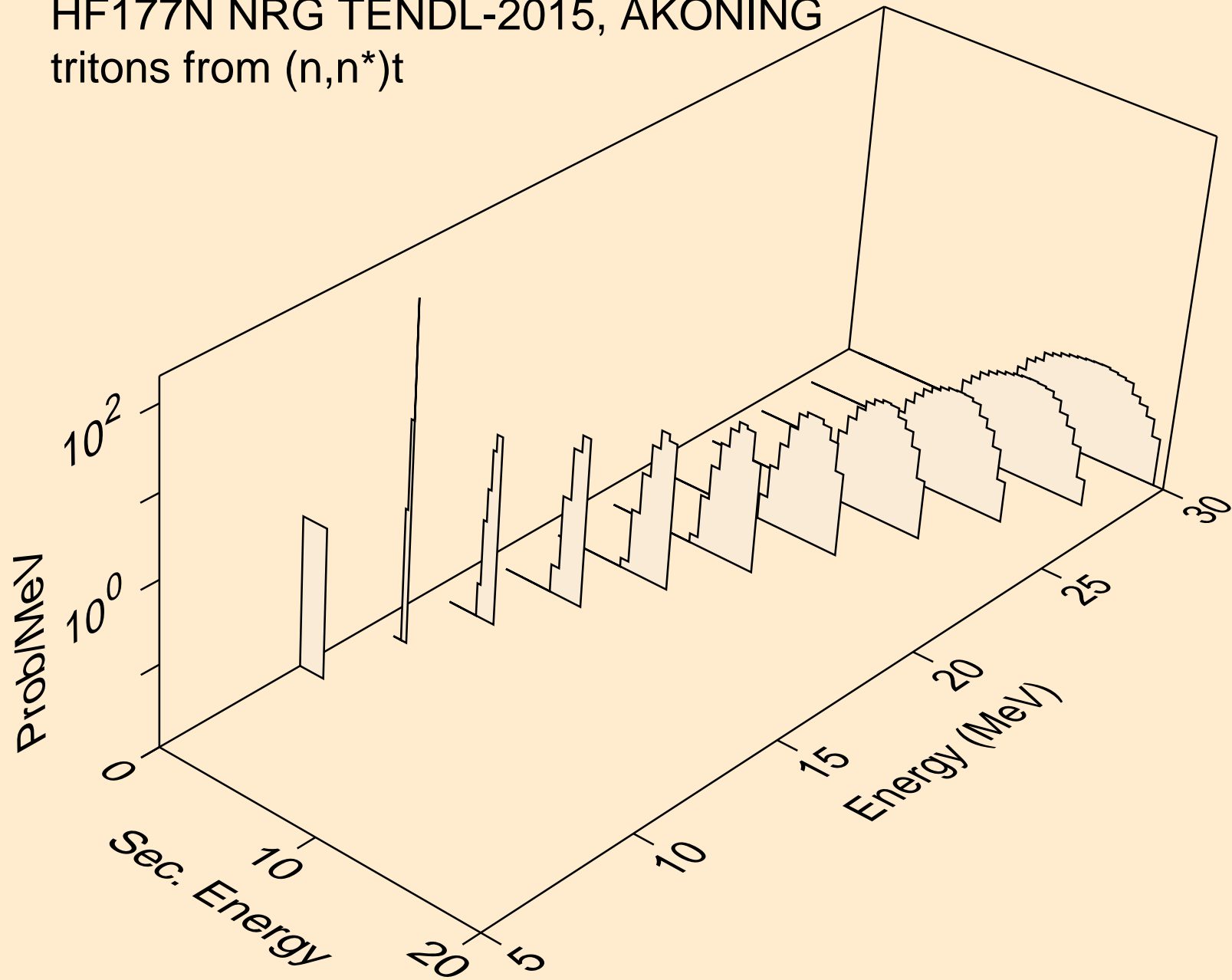
HF177N NRG TENDL-2015, AKONING  
deuterons from (n,da)



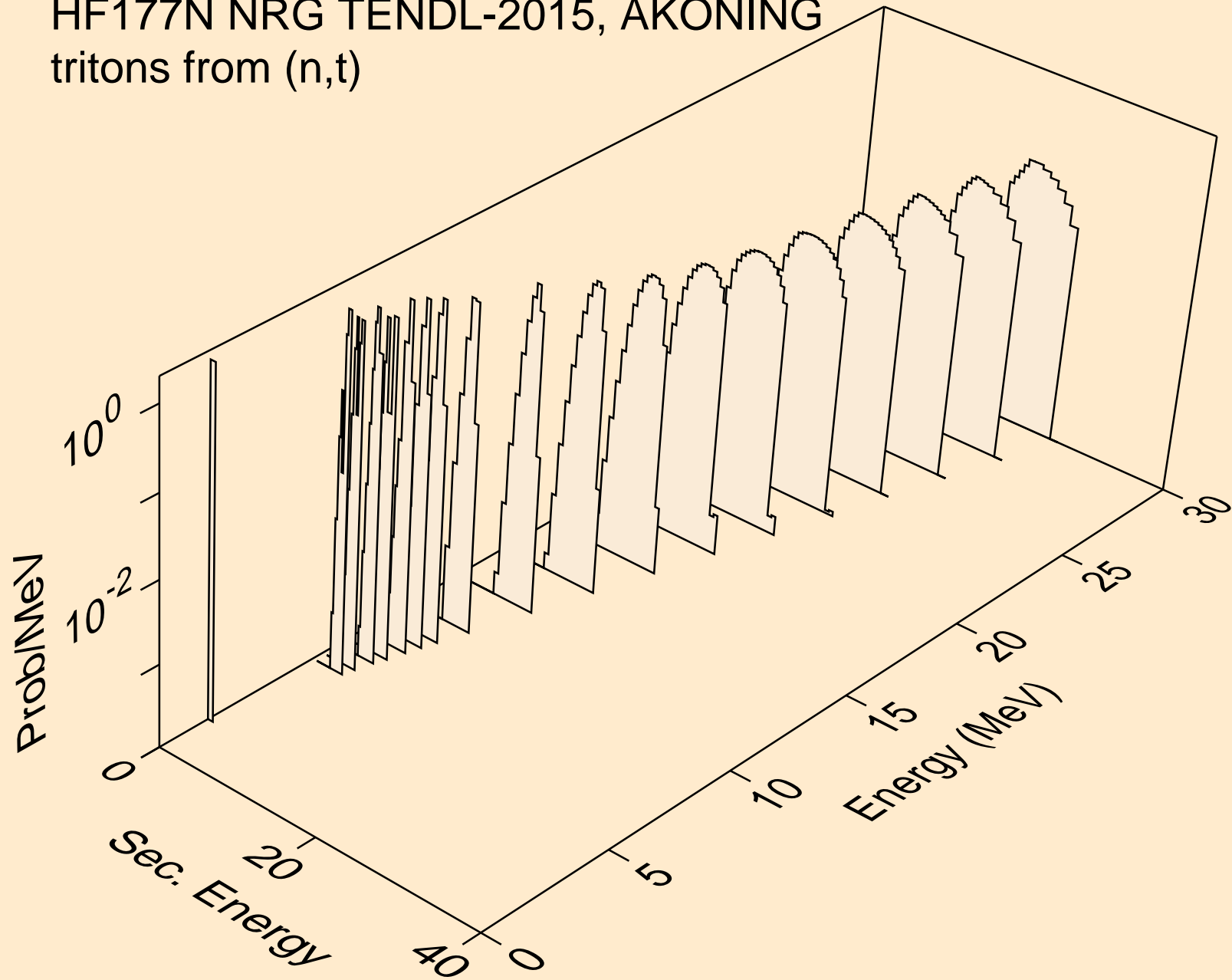
HF177N NRG TENDL-2015, AKONING  
tritons from (n,x)



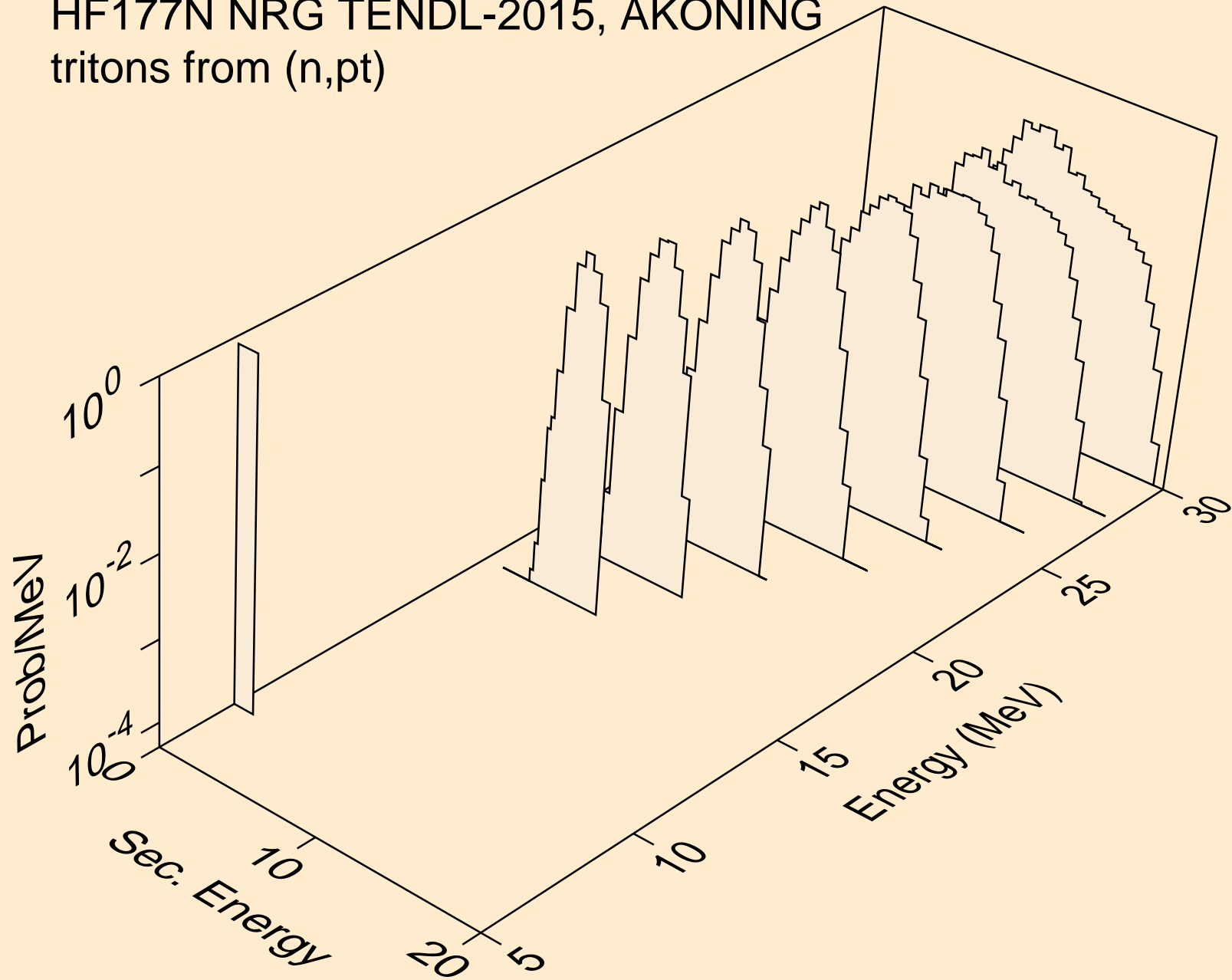
HF177N NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



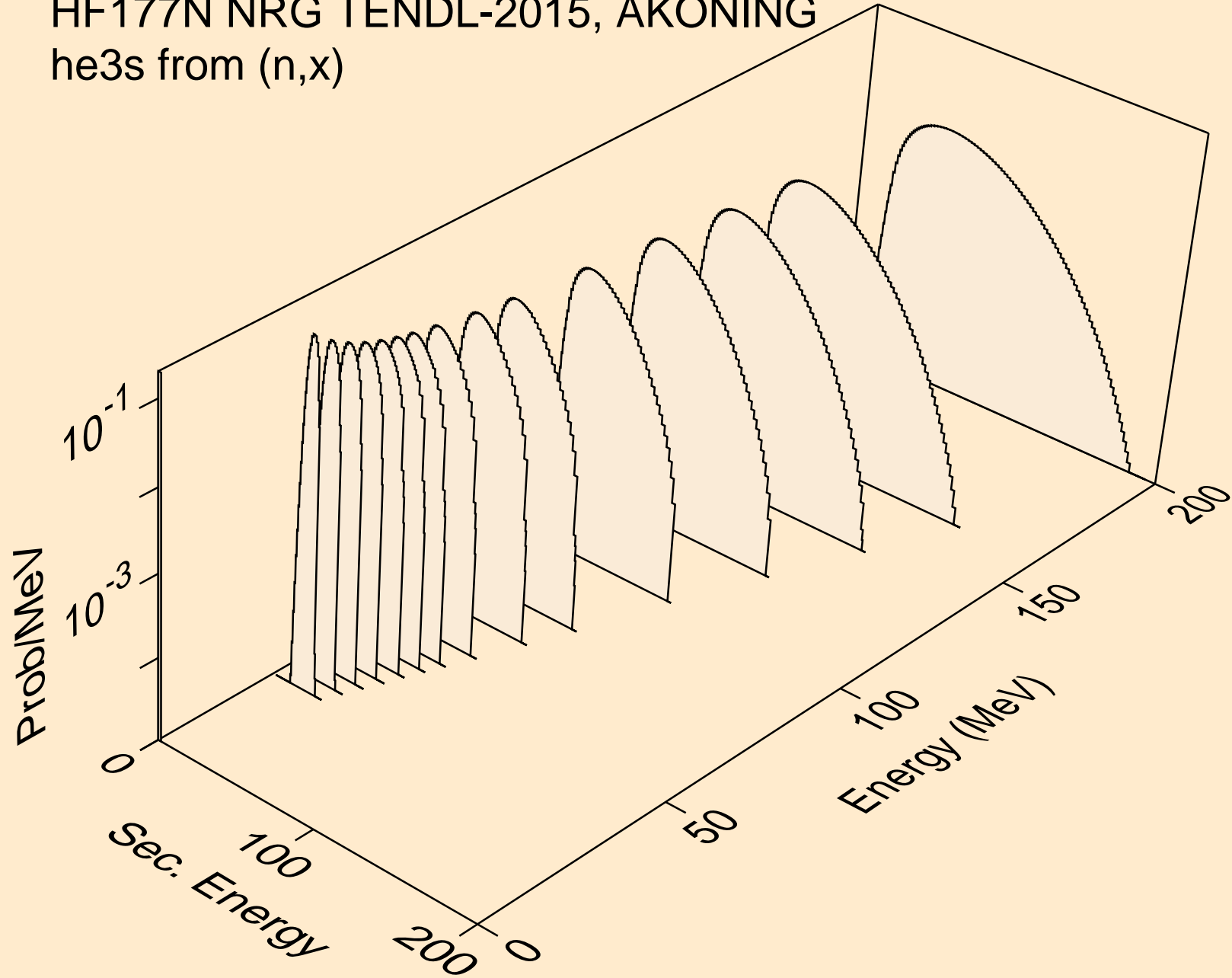
HF177N NRG TENDL-2015, AKONING  
tritons from (n,t)



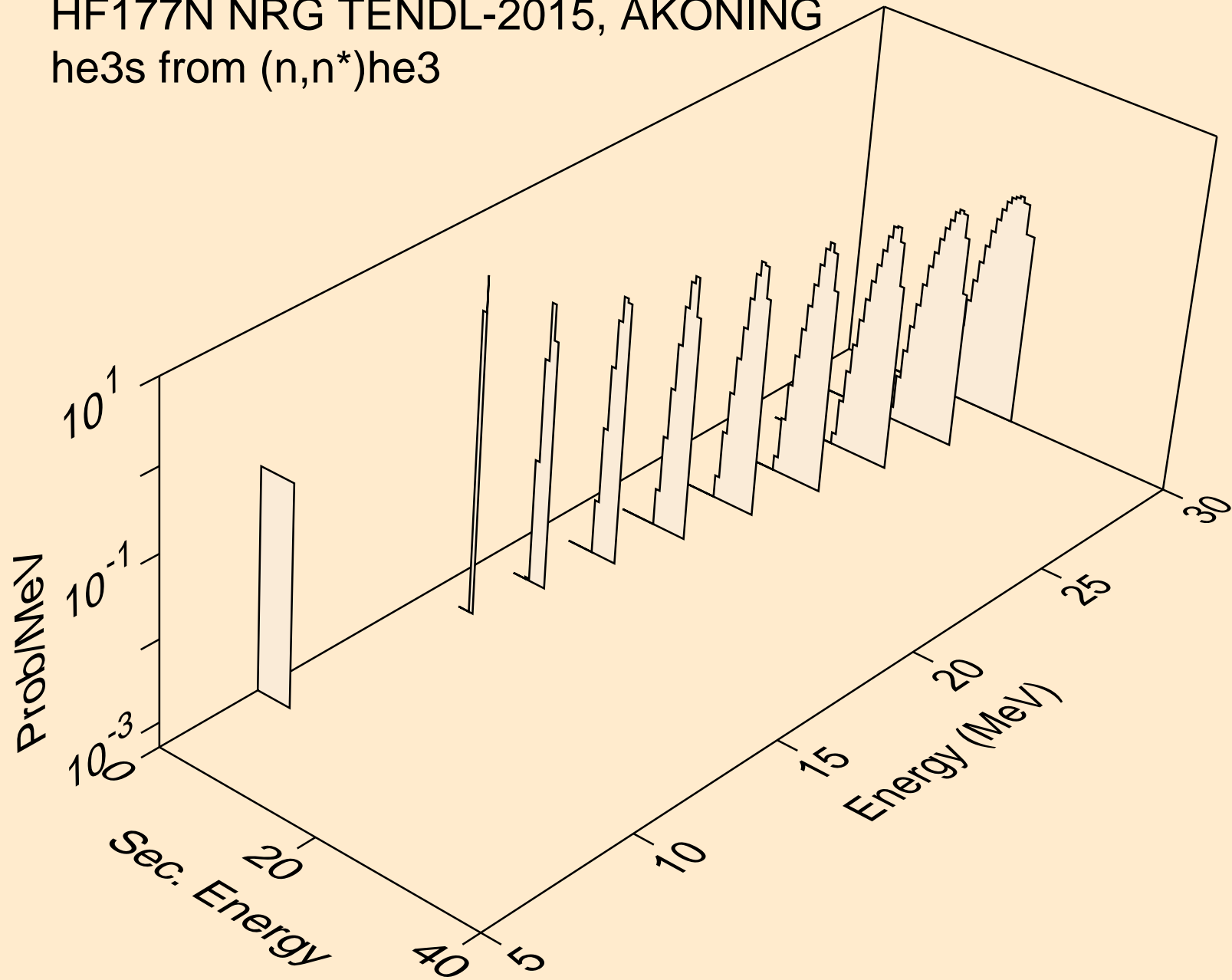
HF177N NRG TENDL-2015, AKONING  
tritons from (n,pt)



HF177N NRG TENDL-2015, AKONING  
he3s from (n,x)

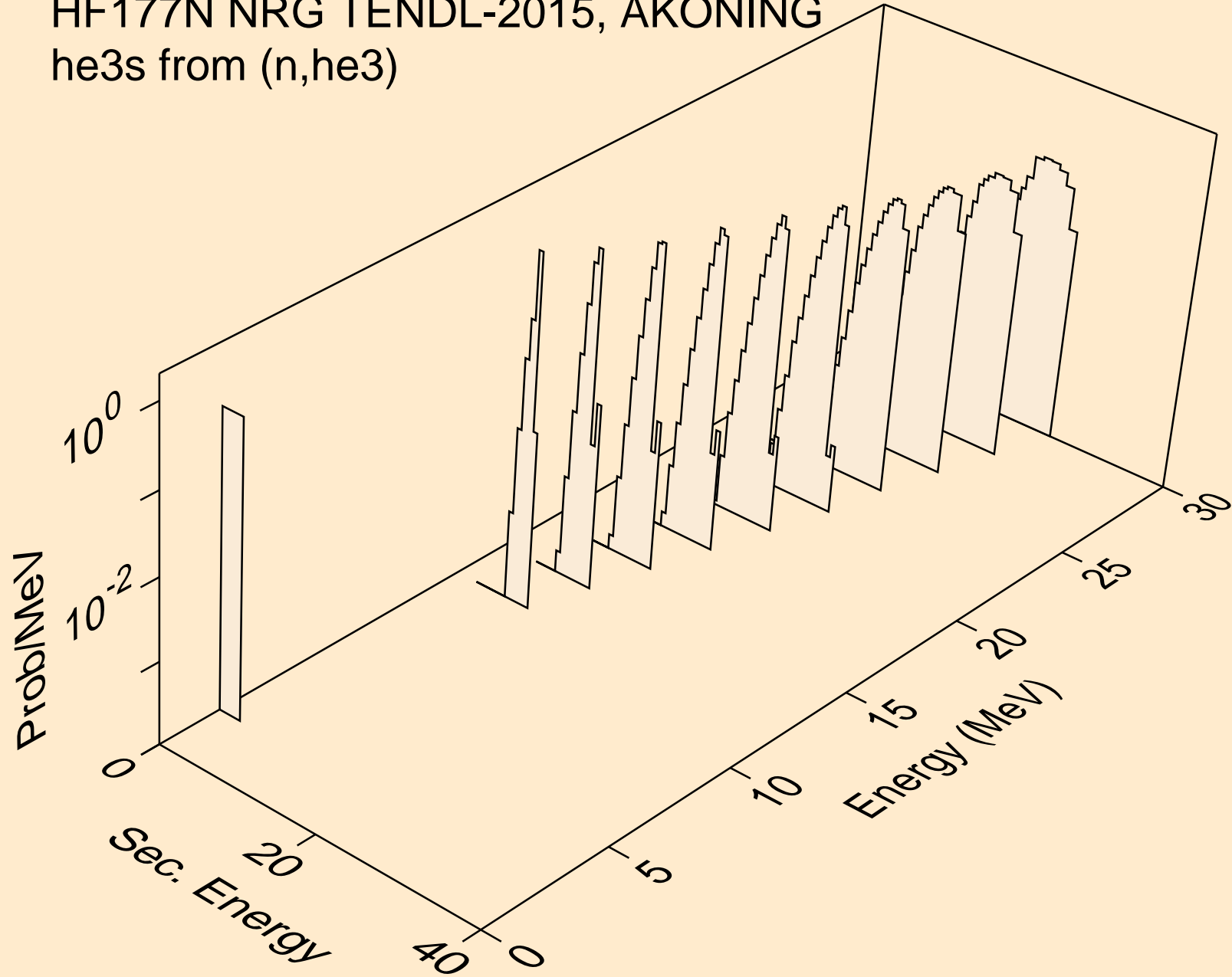


HF177N NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

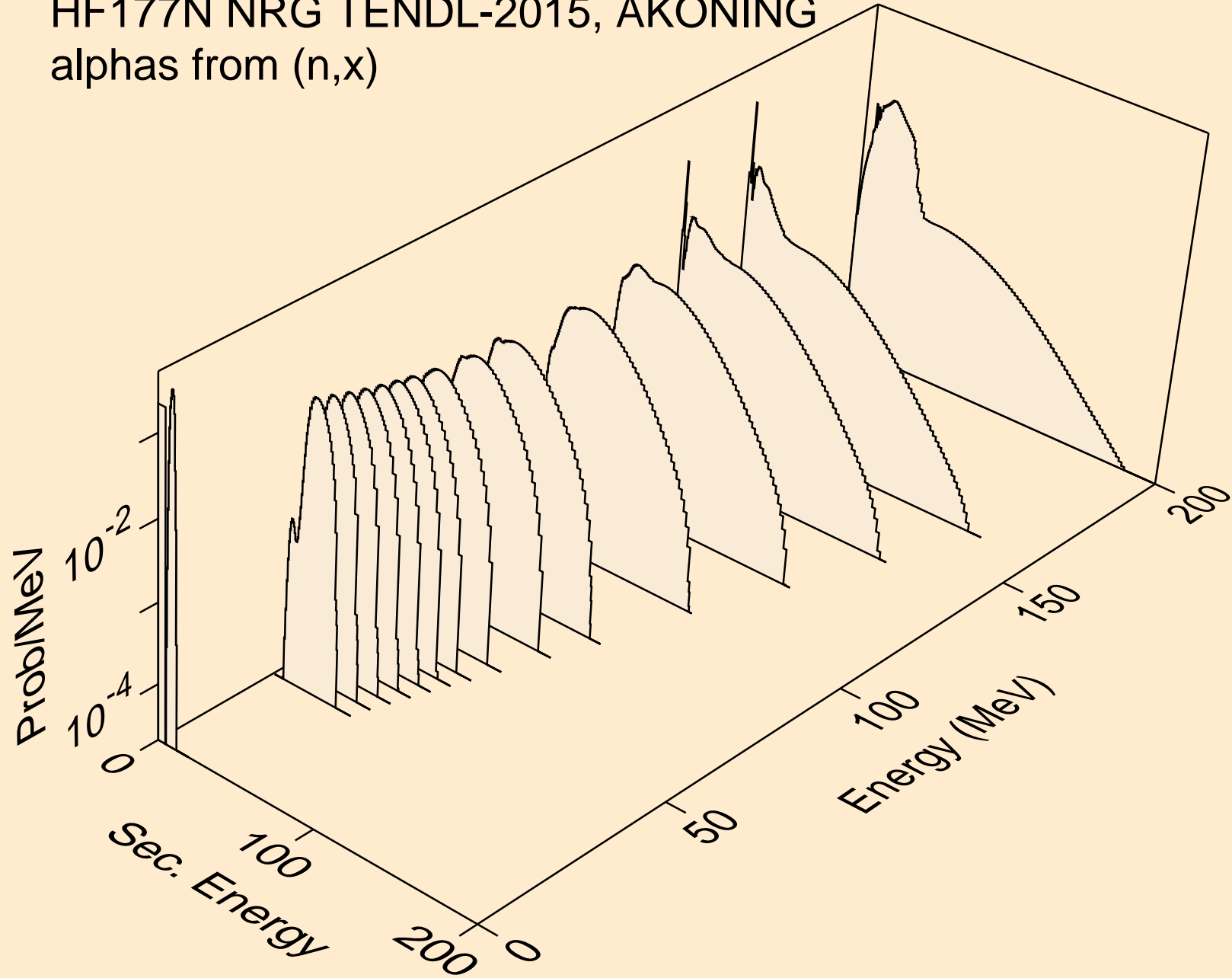




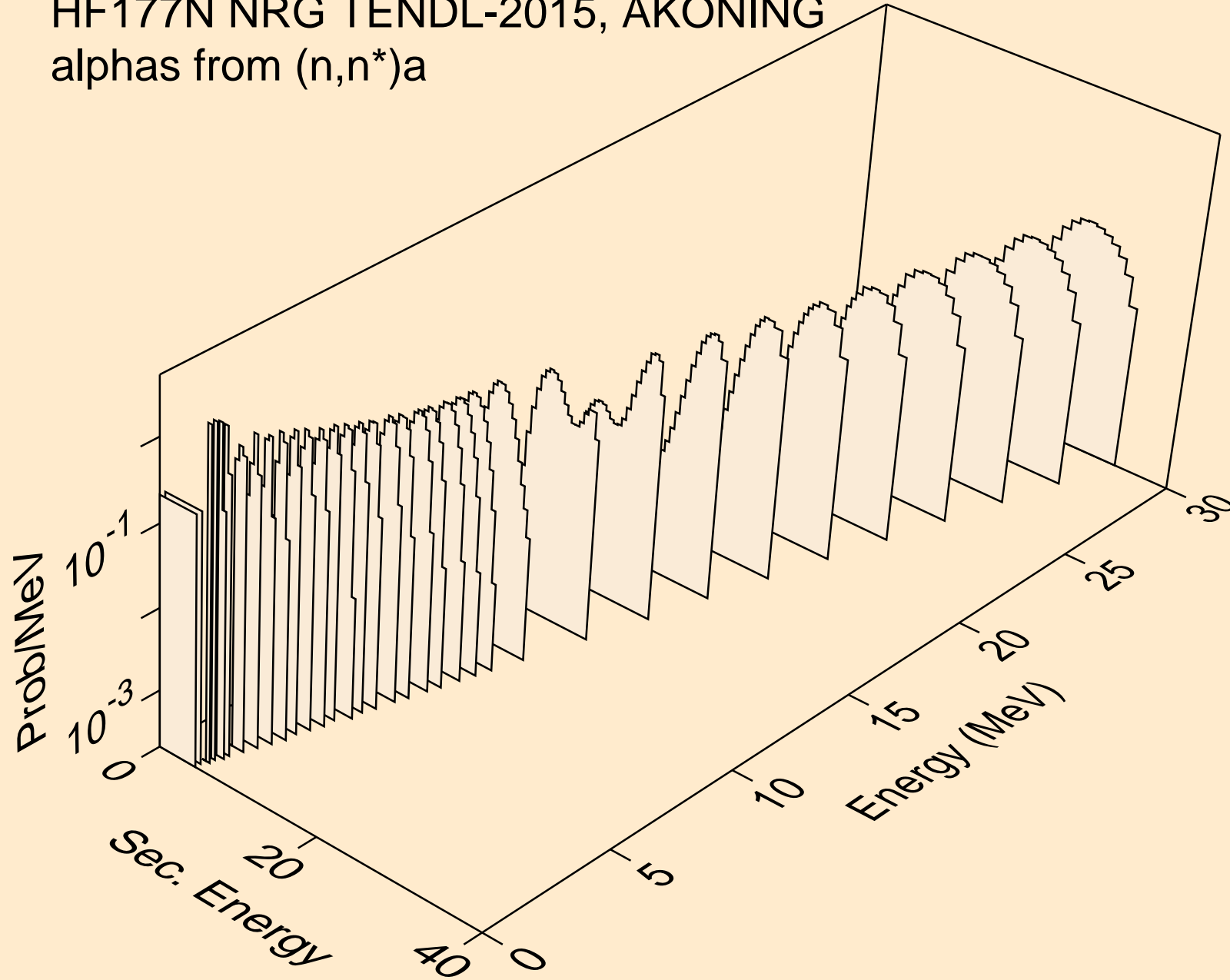
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he3s from (n,he3)



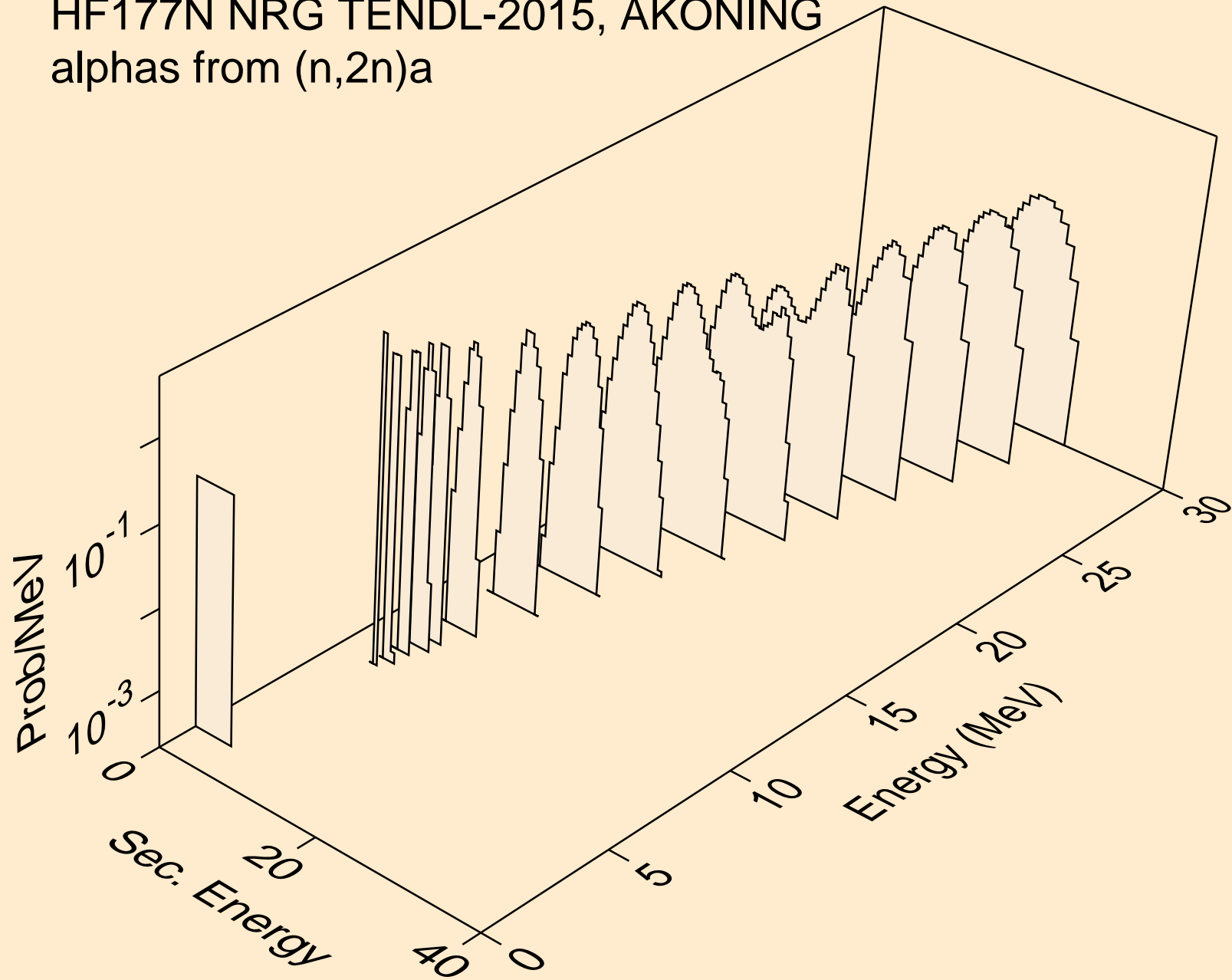
HF177N NRG TENDL-2015, AKONING  
alphas from (n,x)



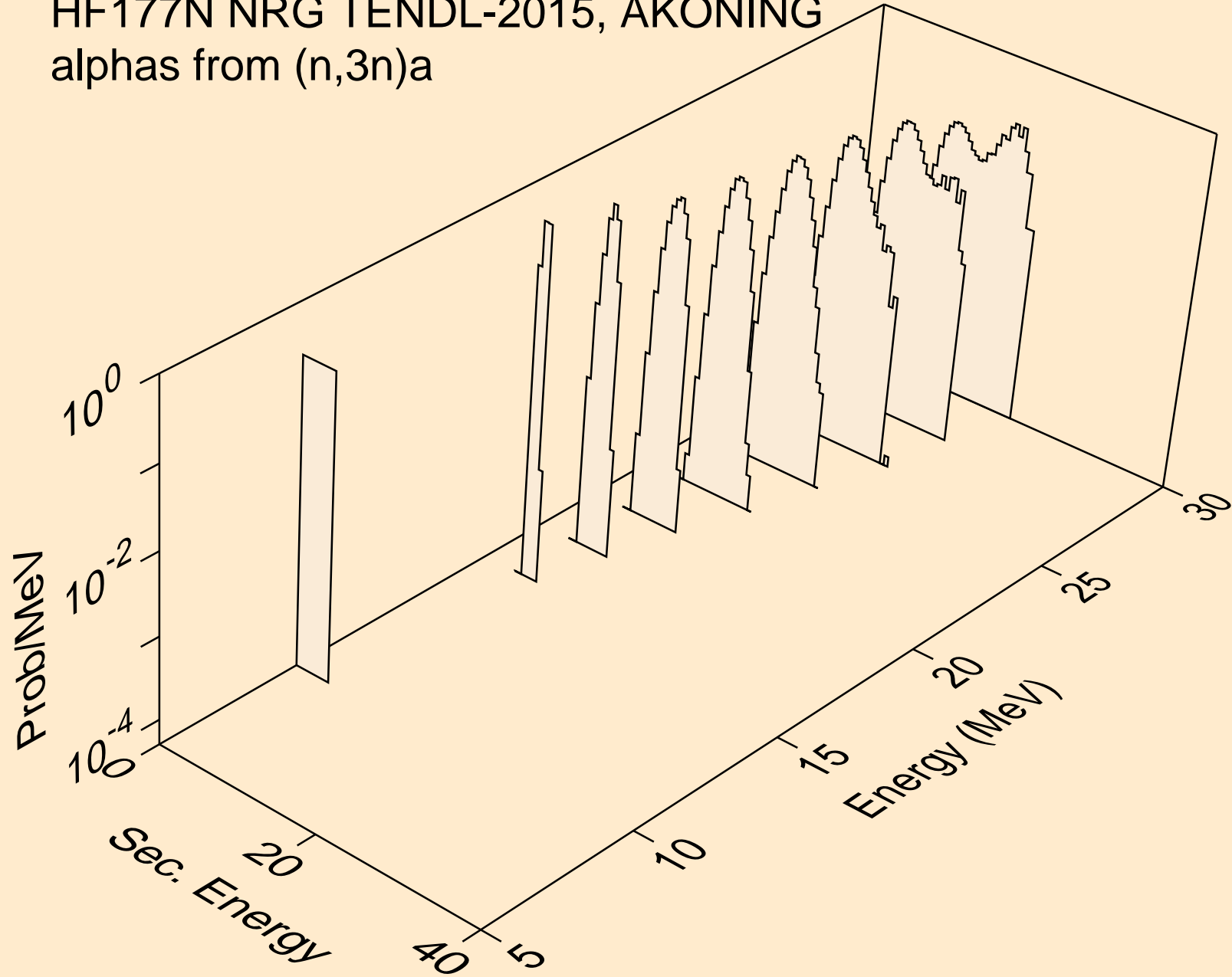
HF177N NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



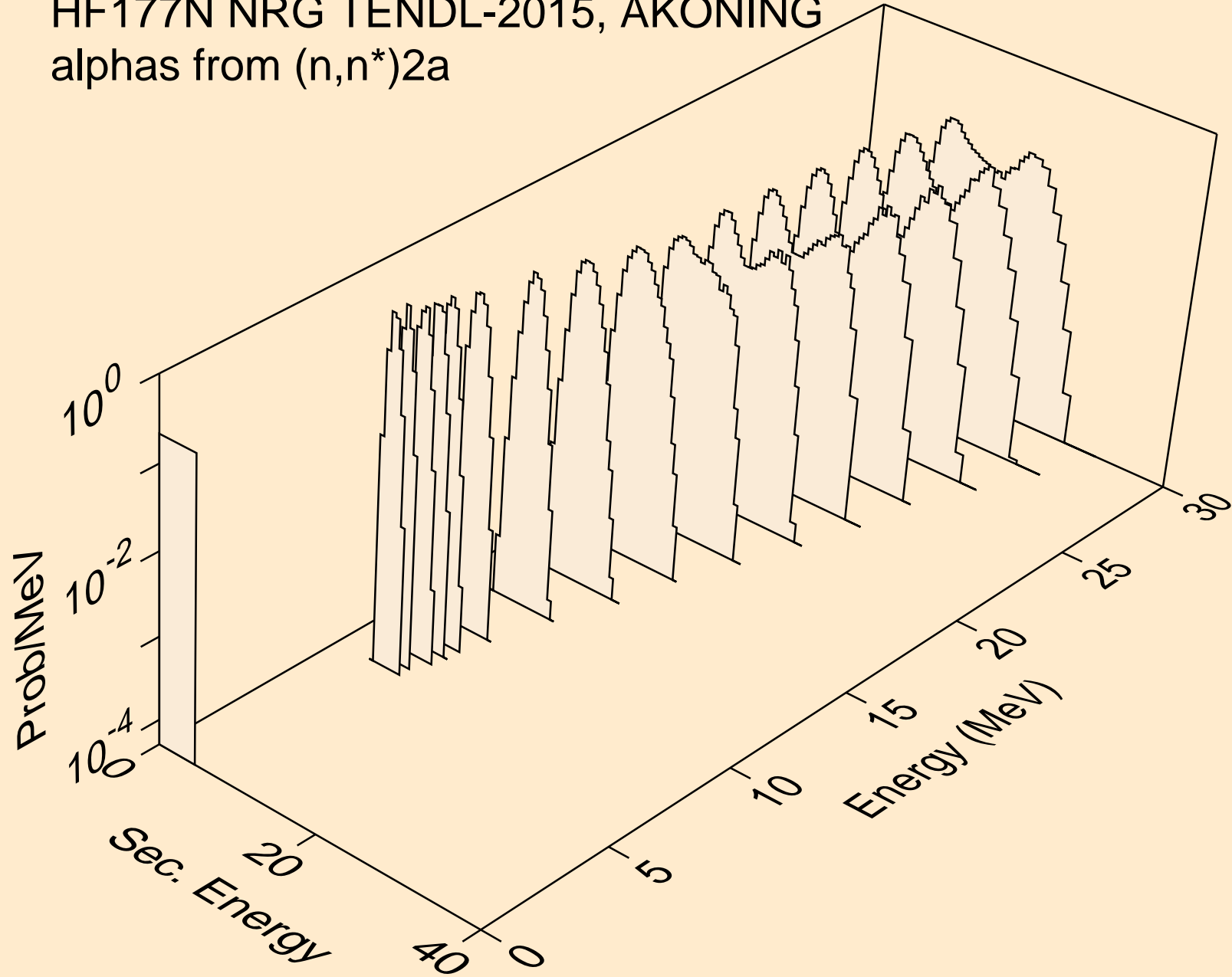
HF177N NRG TENDL-2015, AKONING  
alphas from (n,2n)a



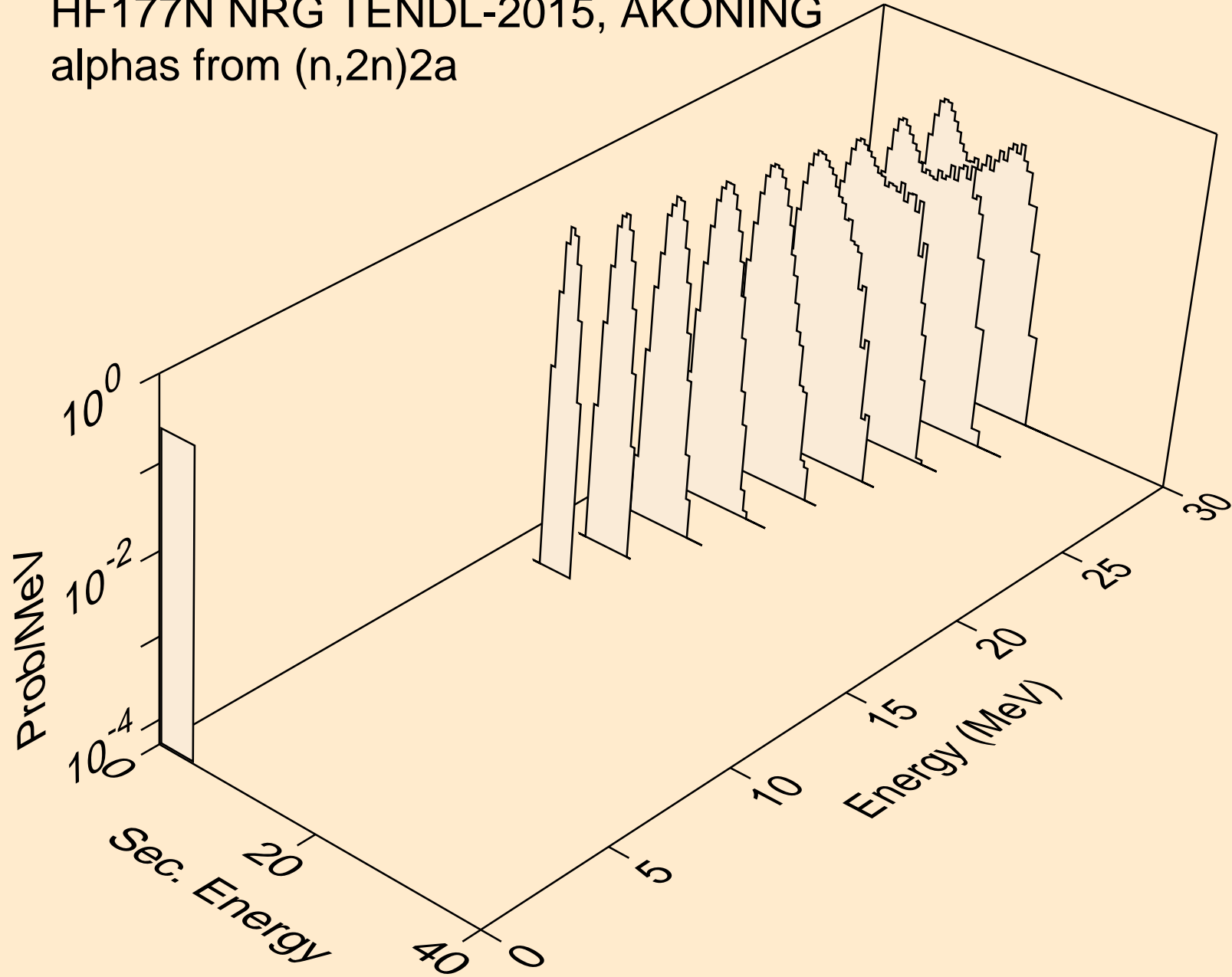
HF177N NRG TENDL-2015, AKONING  
alphas from (n,3n)a



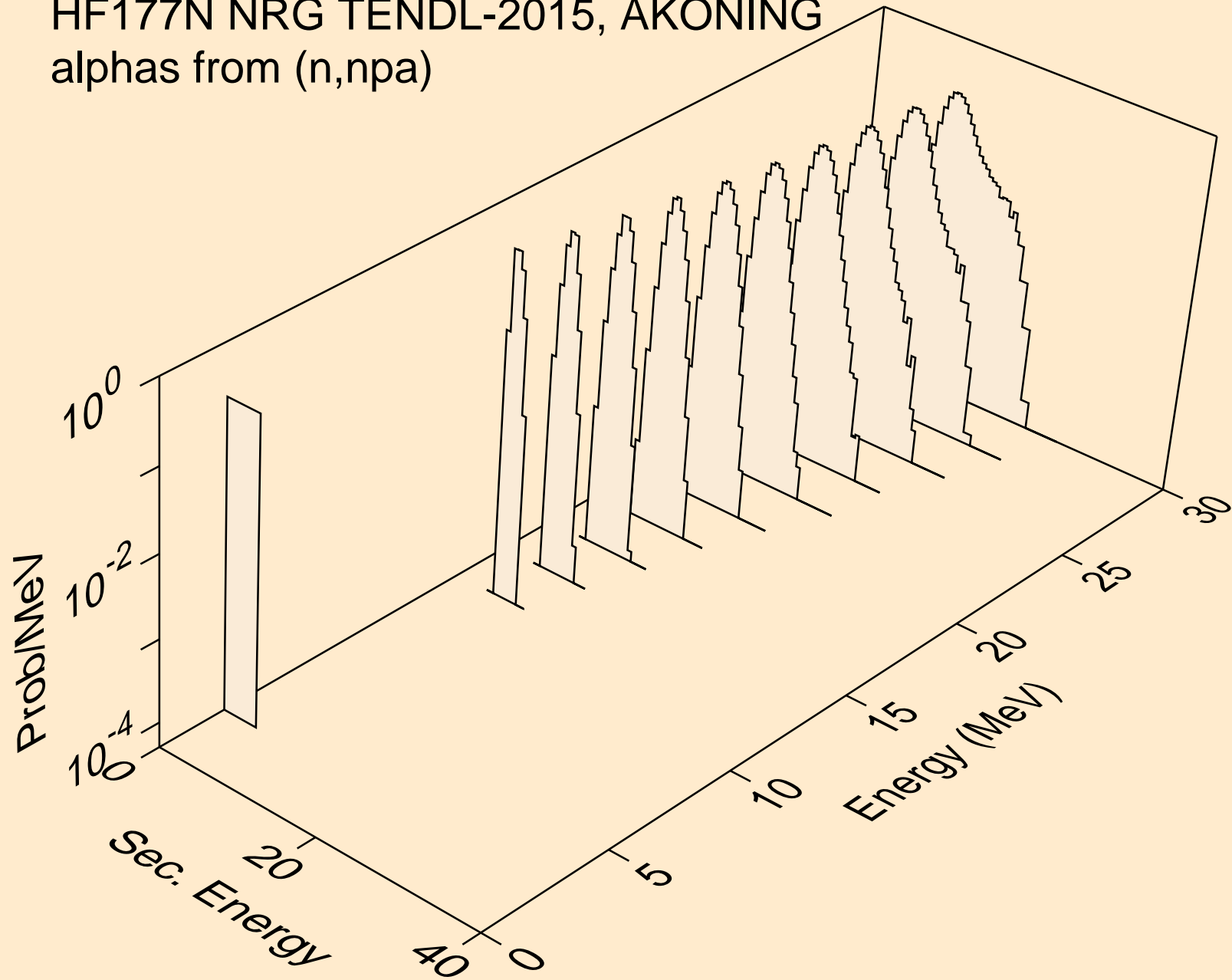
HF177N NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



HF177N NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

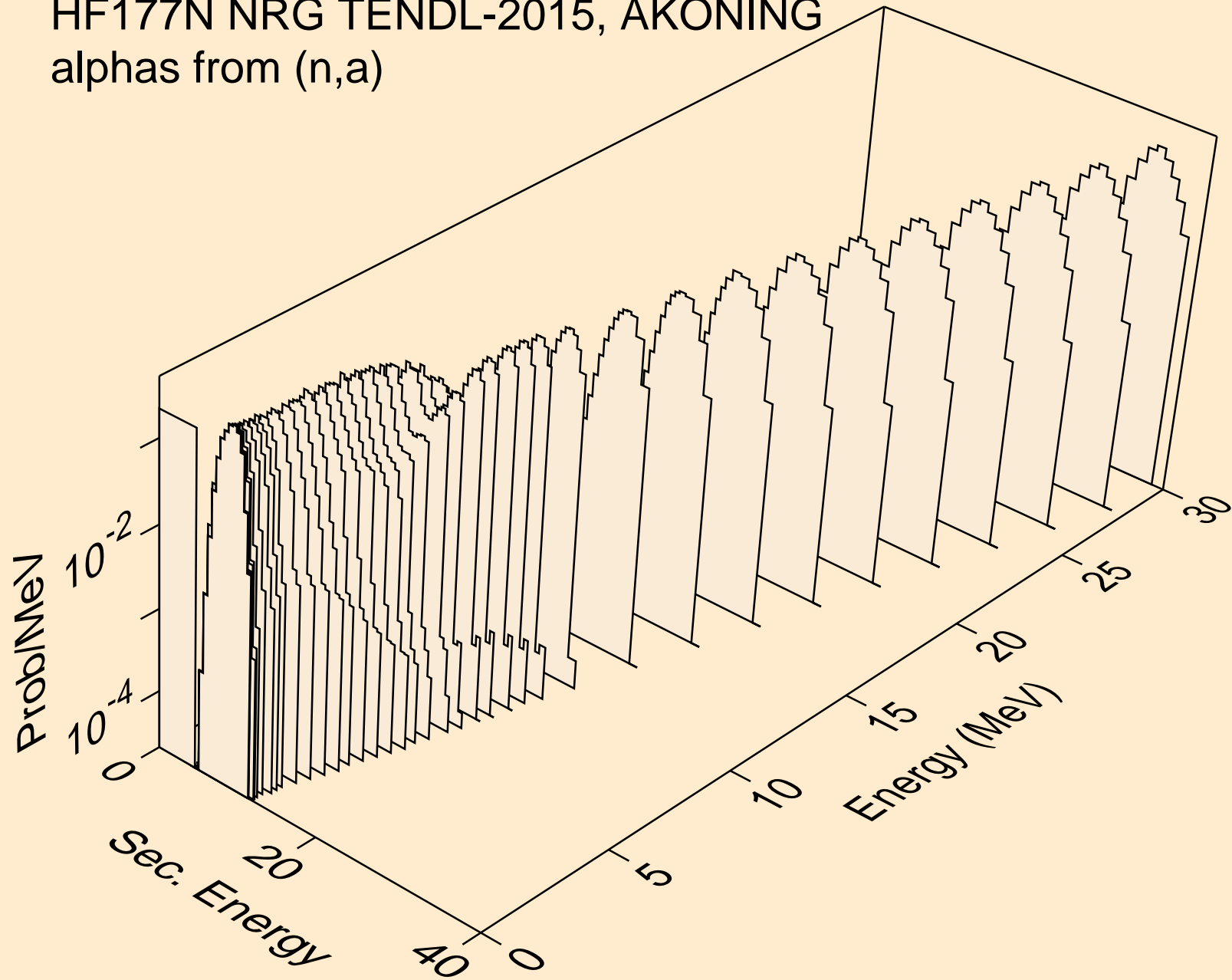


HF177N NRG TENDL-2015, AKONING  
alphas from (n,npa)

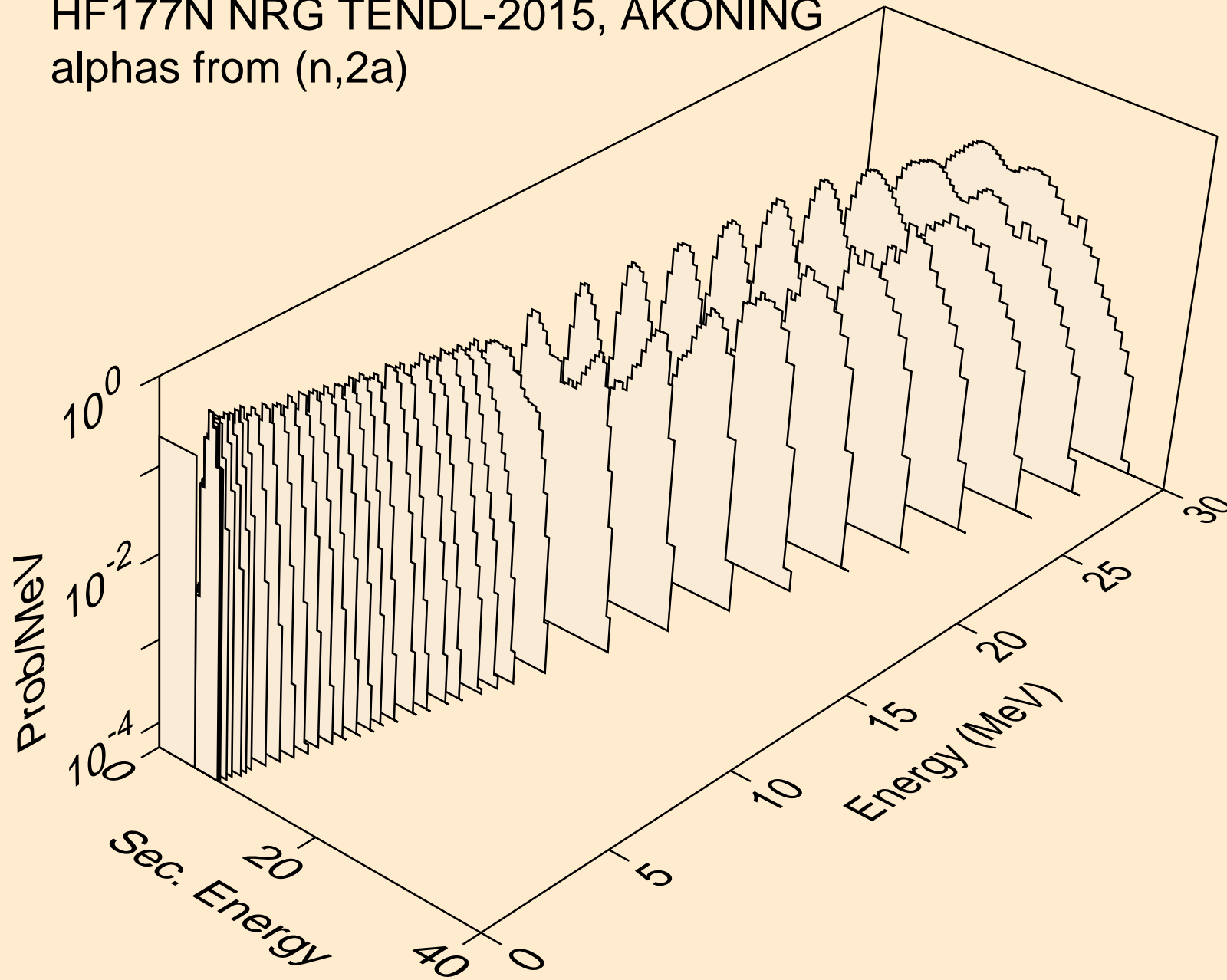




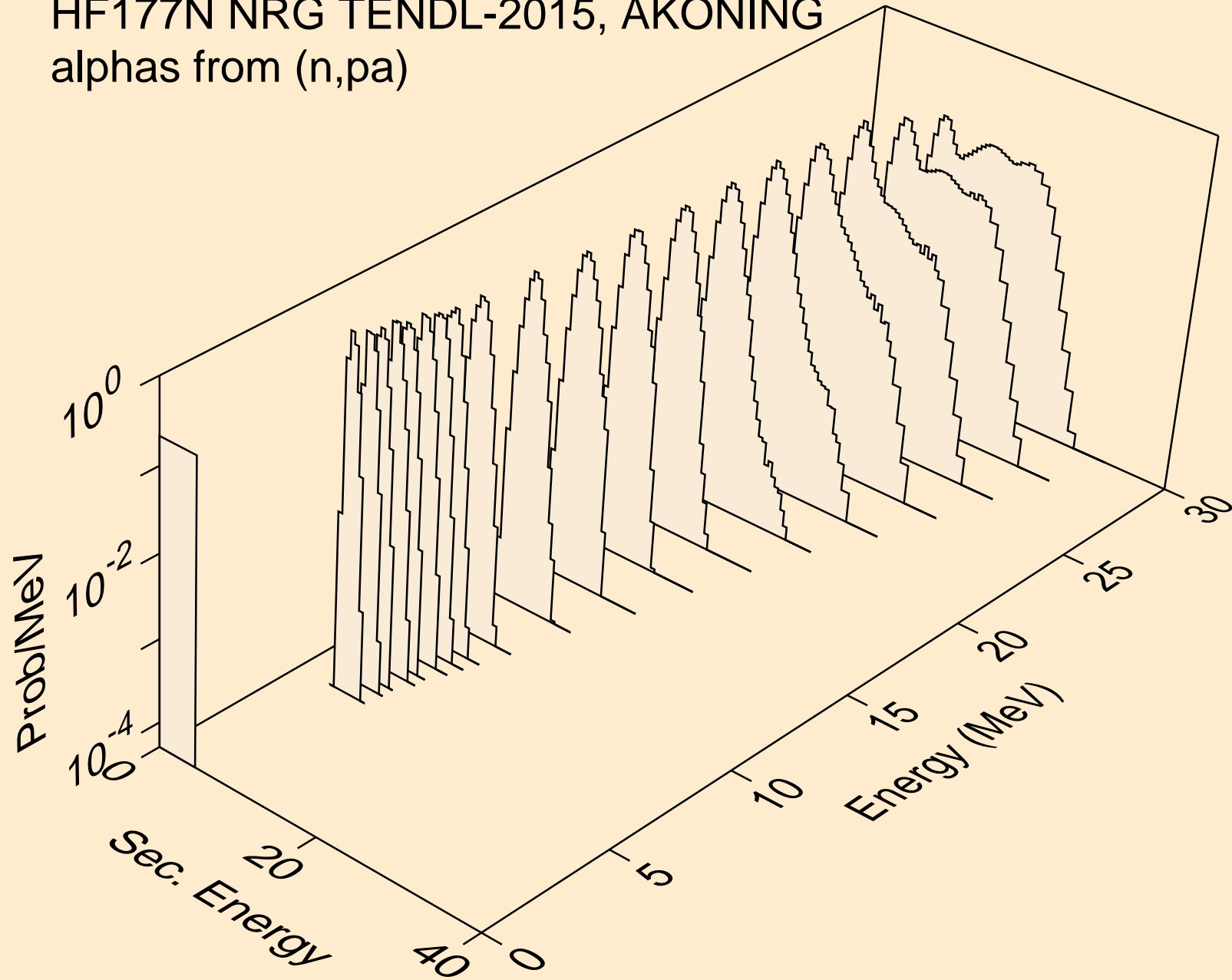
HF177N NRG TENDL-2015, AKONING  
alphas from (n,a)



HF177N NRG TENDL-2015, AKONING  
alphas from (n,2a)



HF177N NRG TENDL-2015, AKONING  
alphas from (n,pa)



HF177N NRG TENDL-2015, AKONING  
alphas from (n,da)

