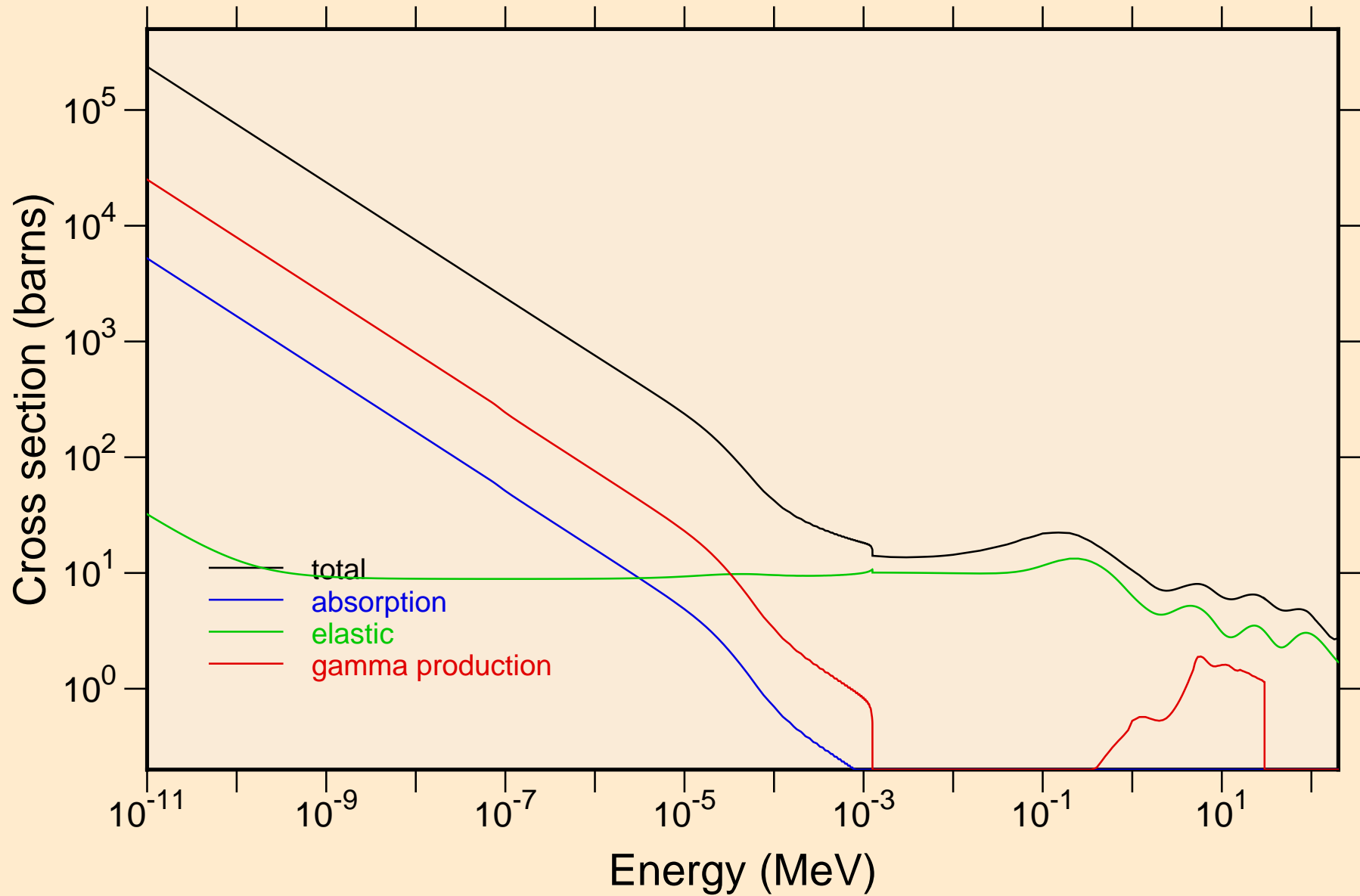


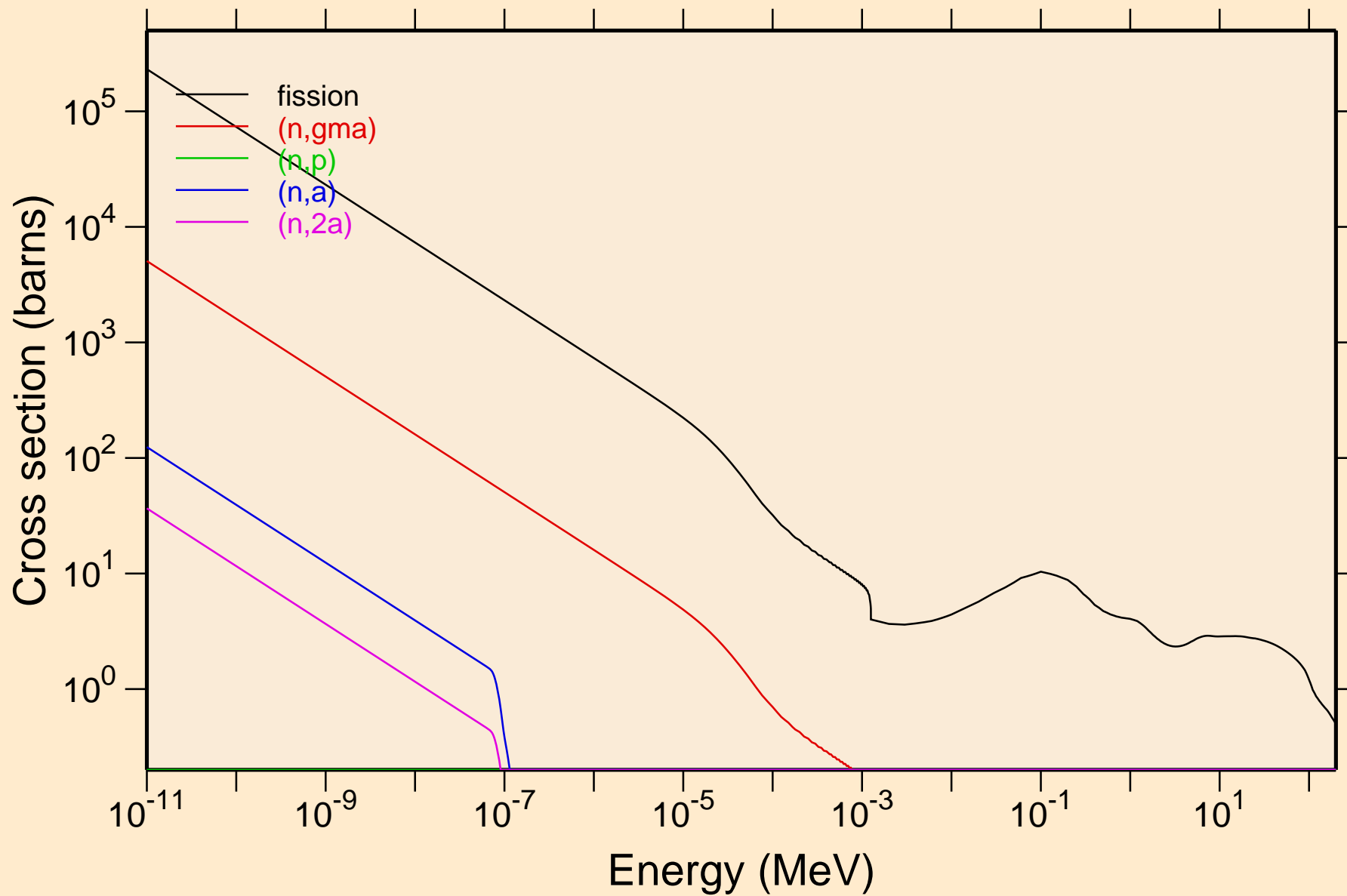
# BH270 NRG TENDL-2015, AKONING

## Principal cross sections

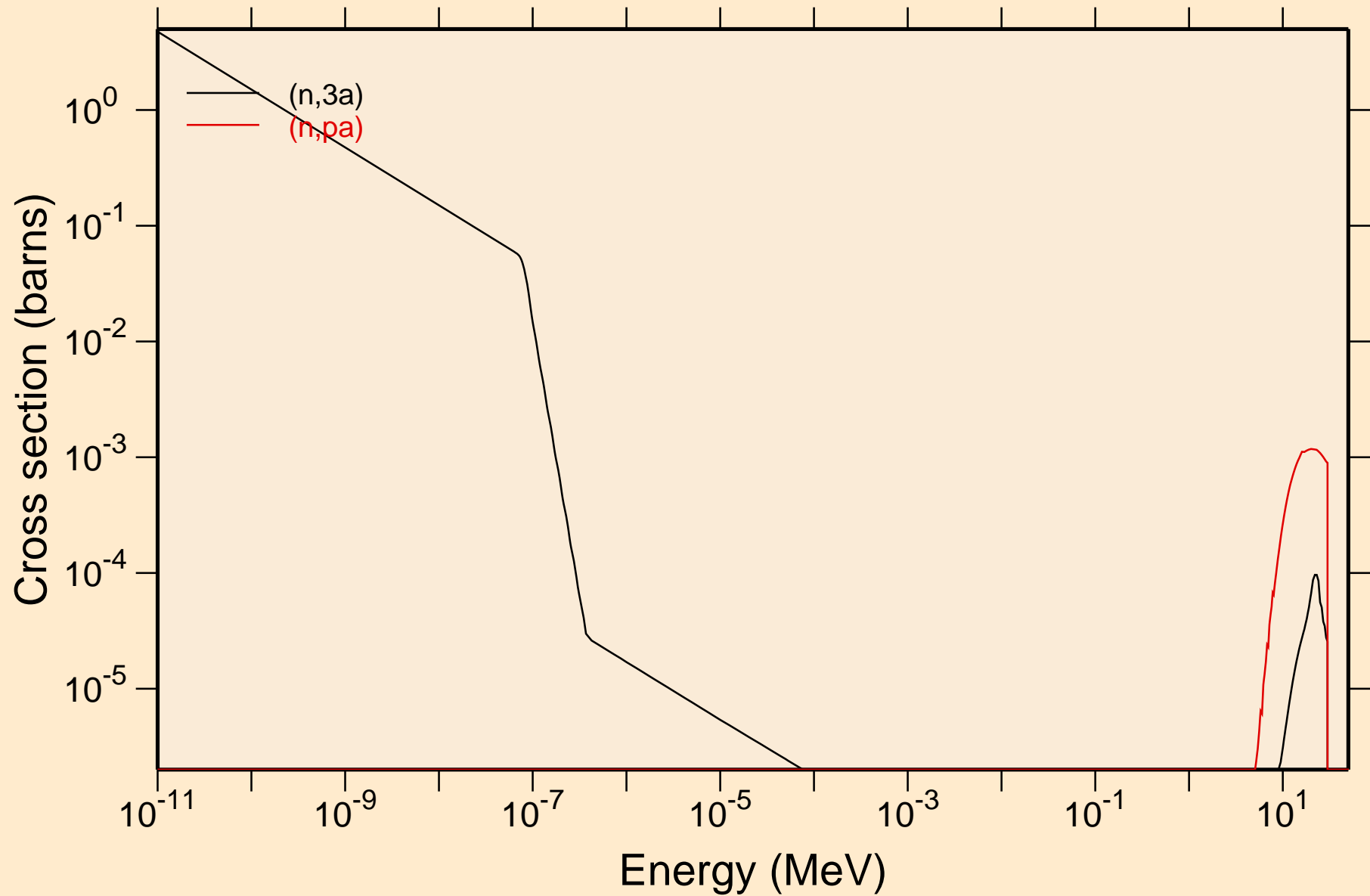


# BH270 NRG TENDL-2015, AKONING

## Non-threshold reactions

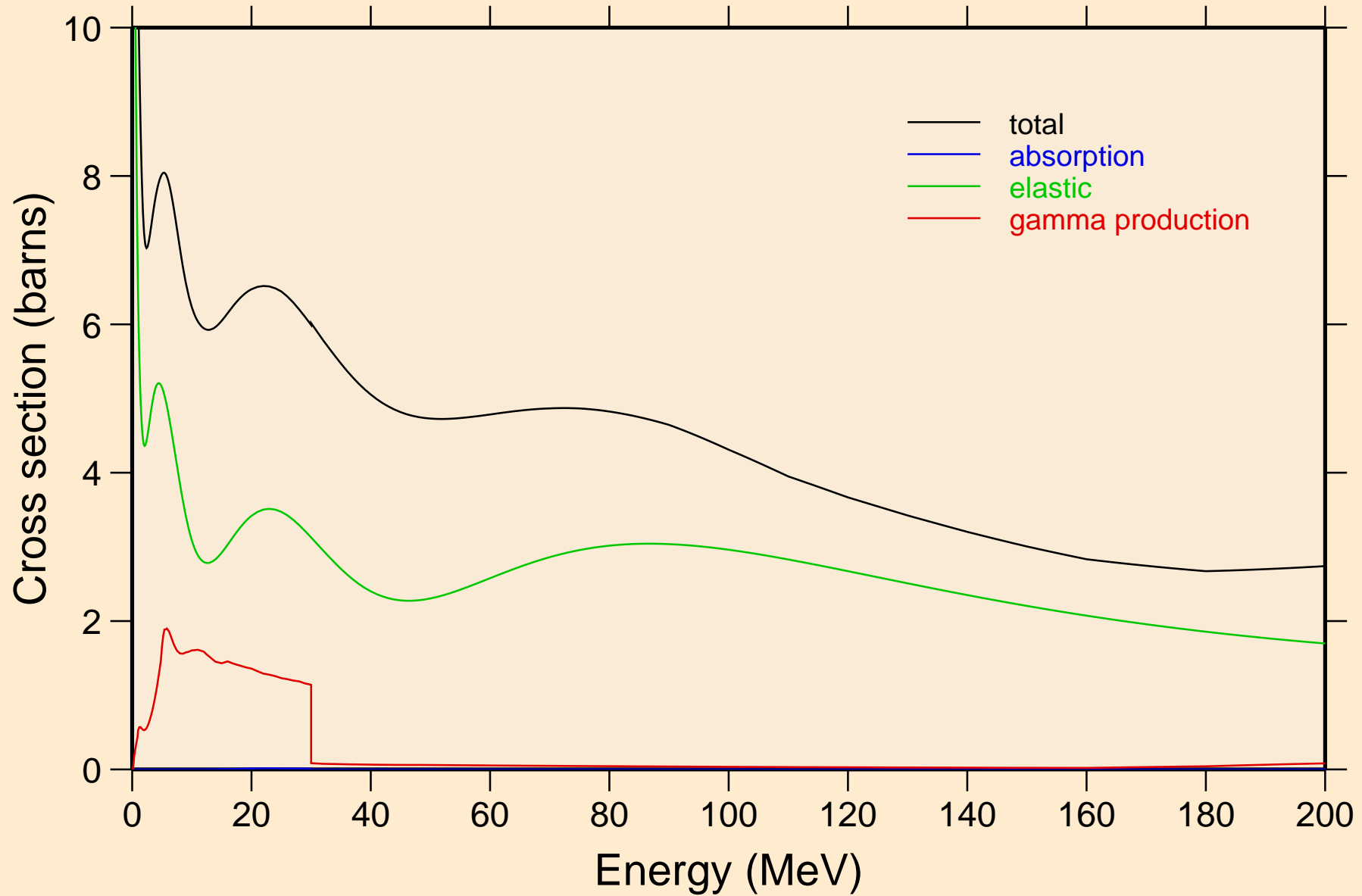


BH270 NRG TENDL-2015, AKONING  
Non-threshold reactions



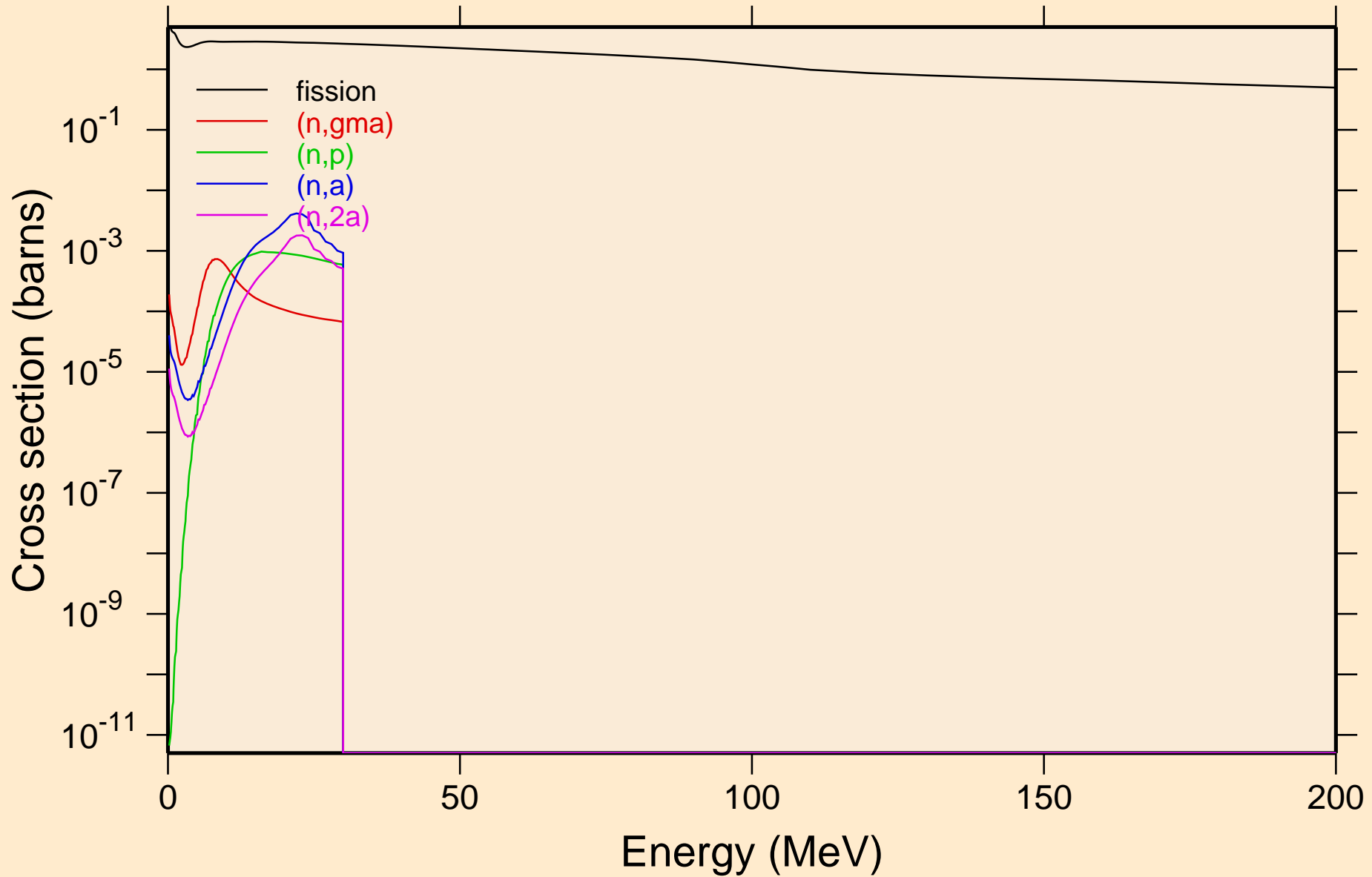
# BH270 NRG TENDL-2015, AKONING

## Principal cross sections



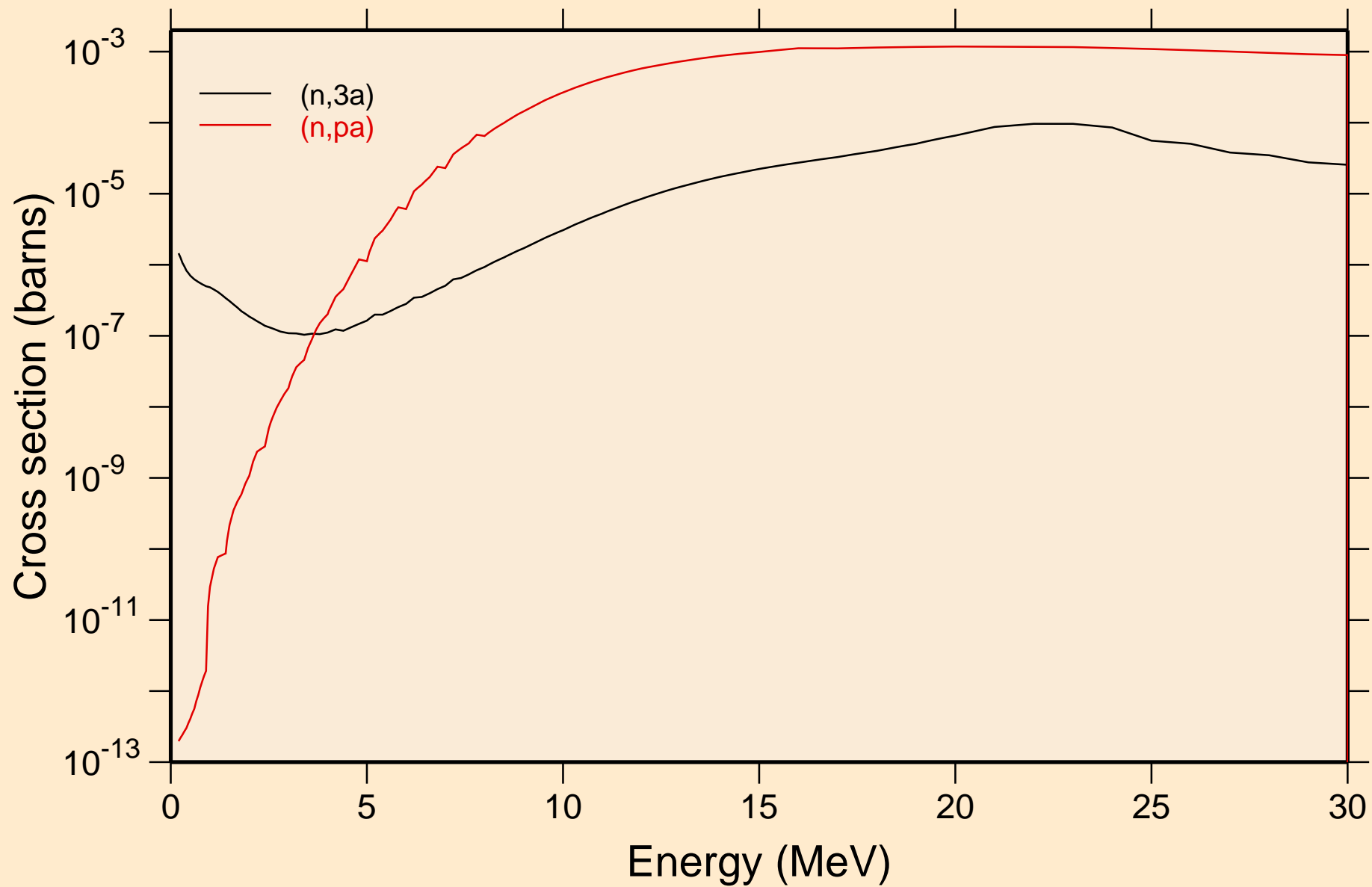
# BH270 NRG TENDL-2015, AKONING

## Non-threshold reactions

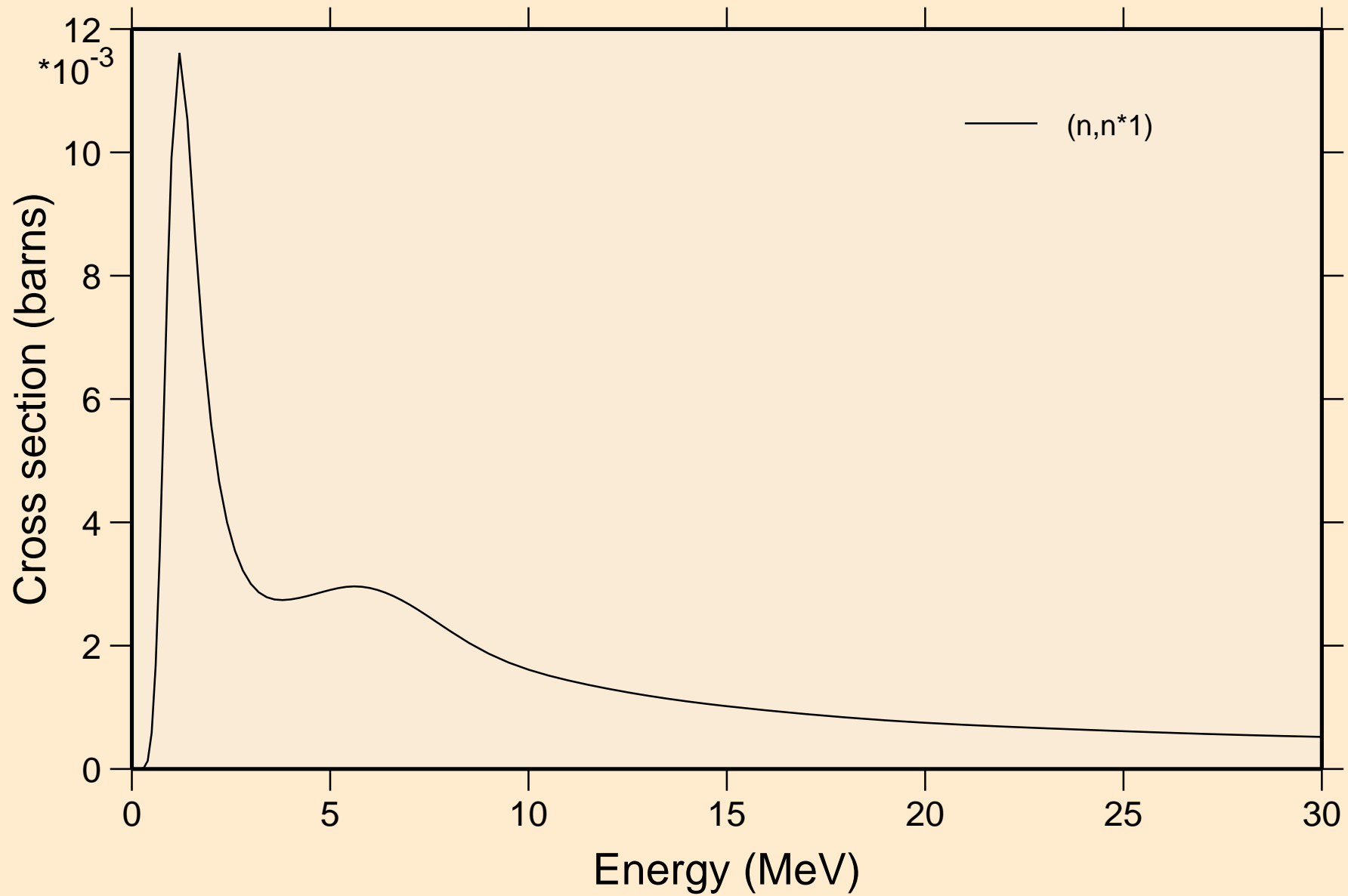


# BH270 NRG TENDL-2015, AKONING

## Non-threshold reactions

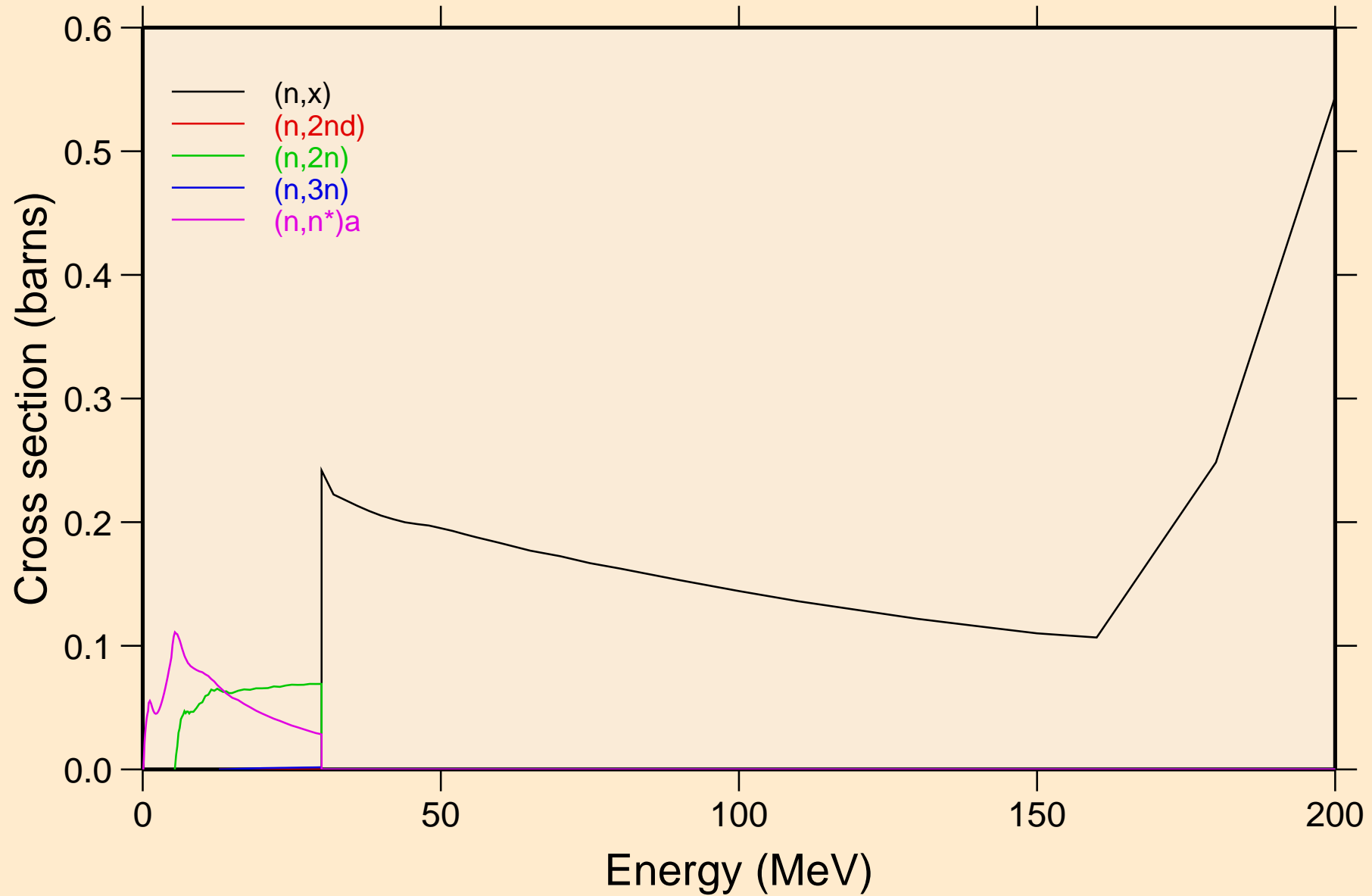


BH270 NRG TENDL-2015, AKONING  
Inelastic levels



# BH270 NRG TENDL-2015, AKONING

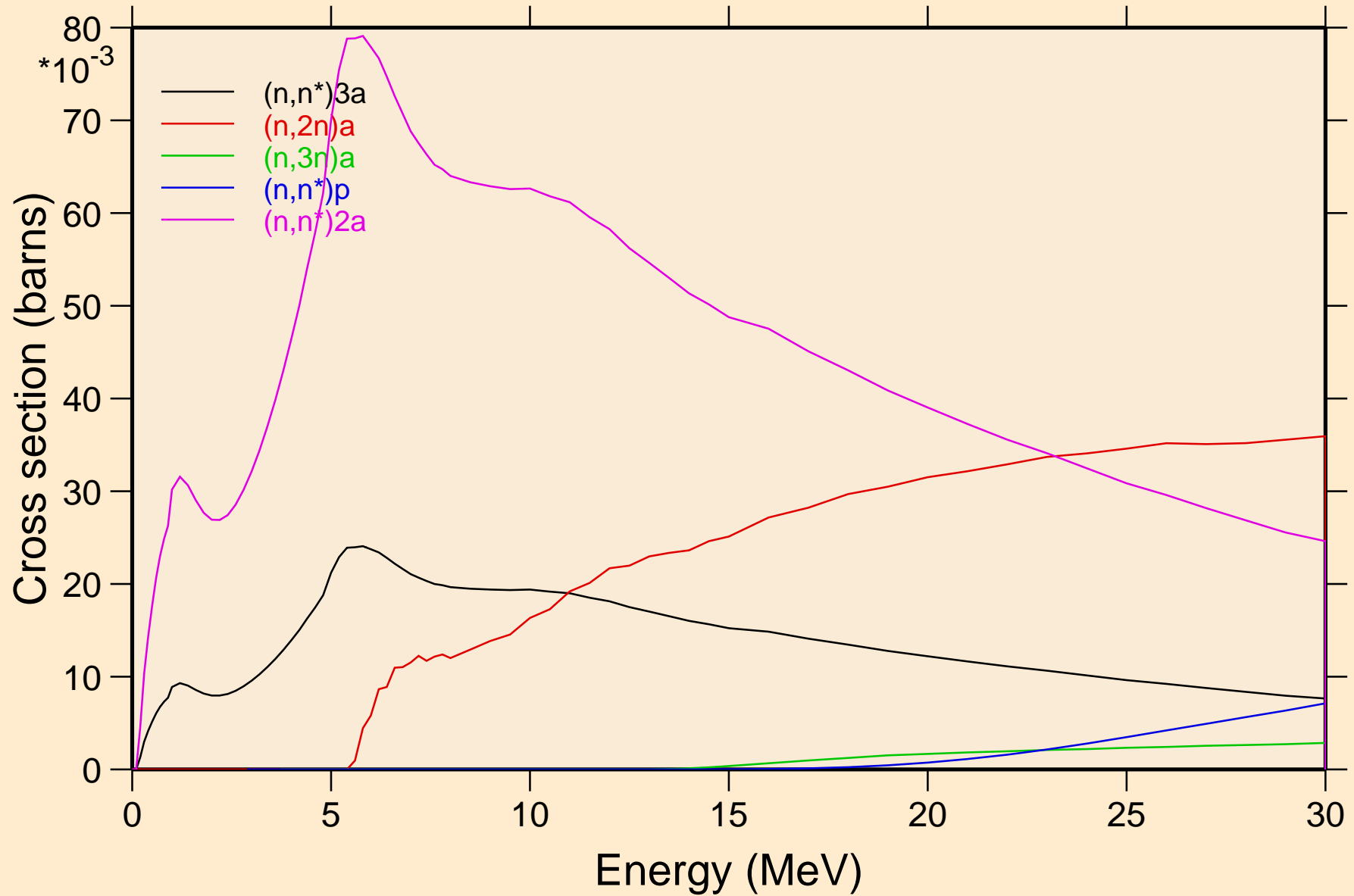
## Threshold reactions





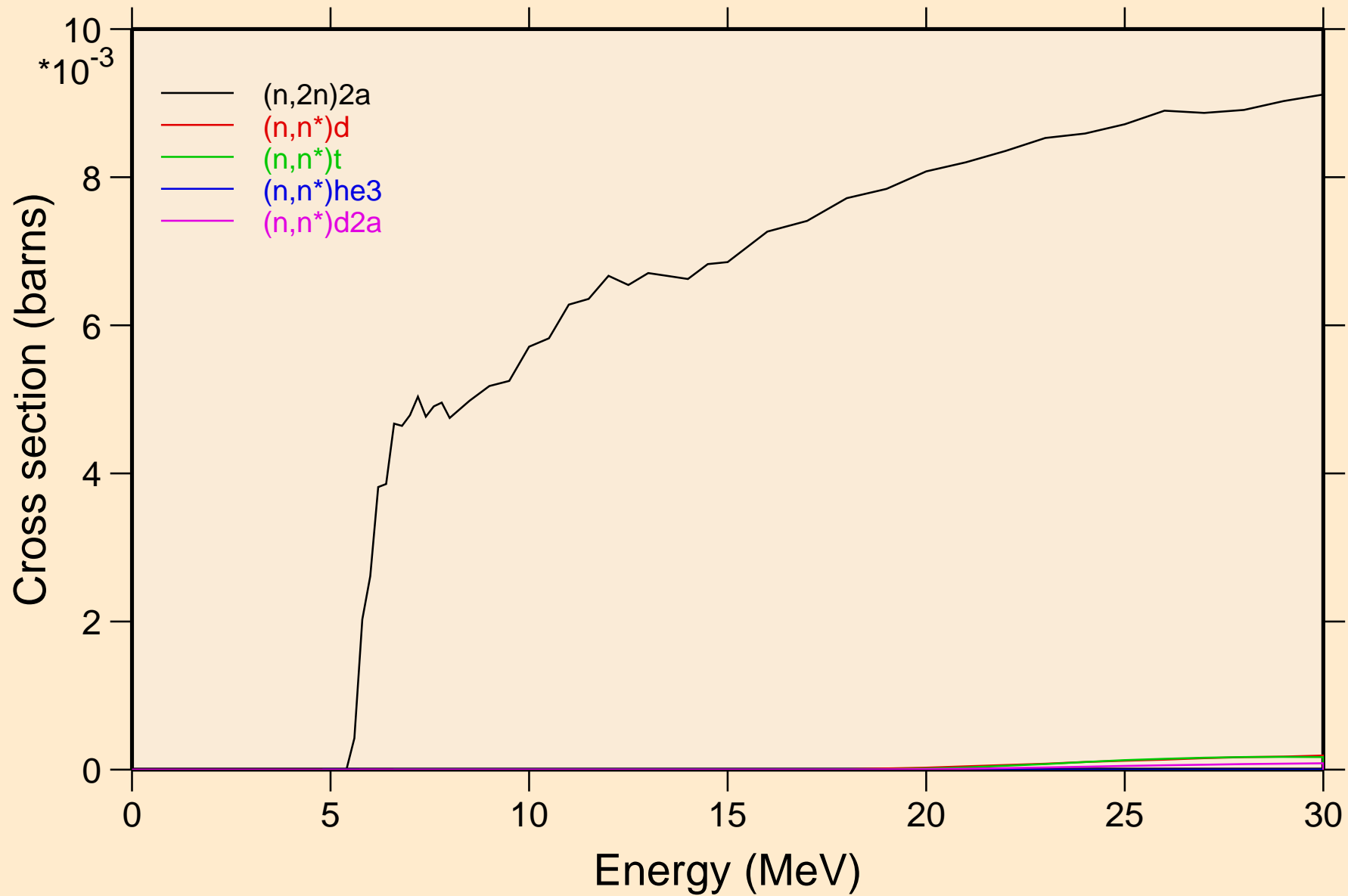
# BH270 NRG TENDL-2015, AKONING

## Threshold reactions



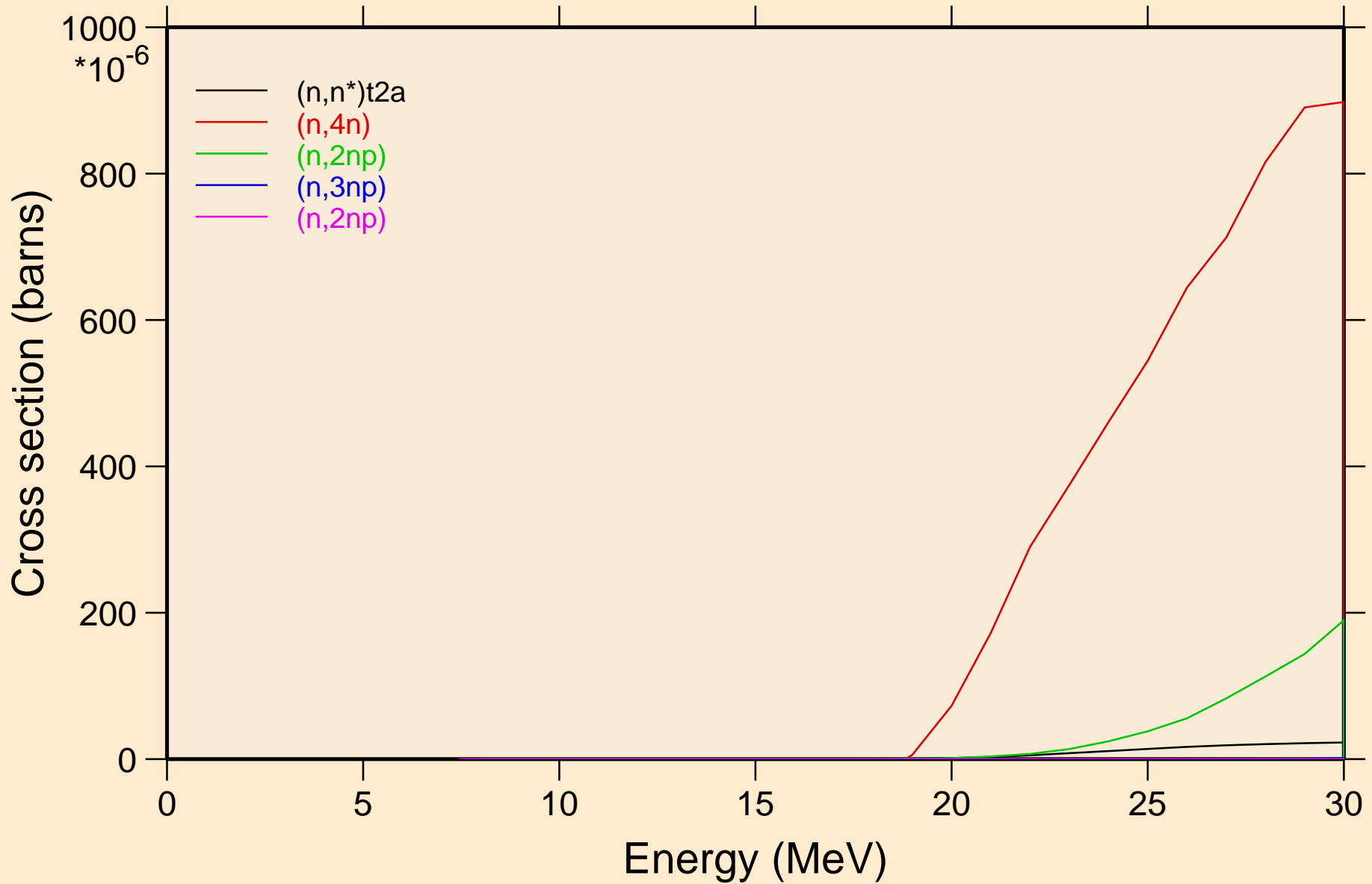
# BH270 NRG TENDL-2015, AKONING

## Threshold reactions



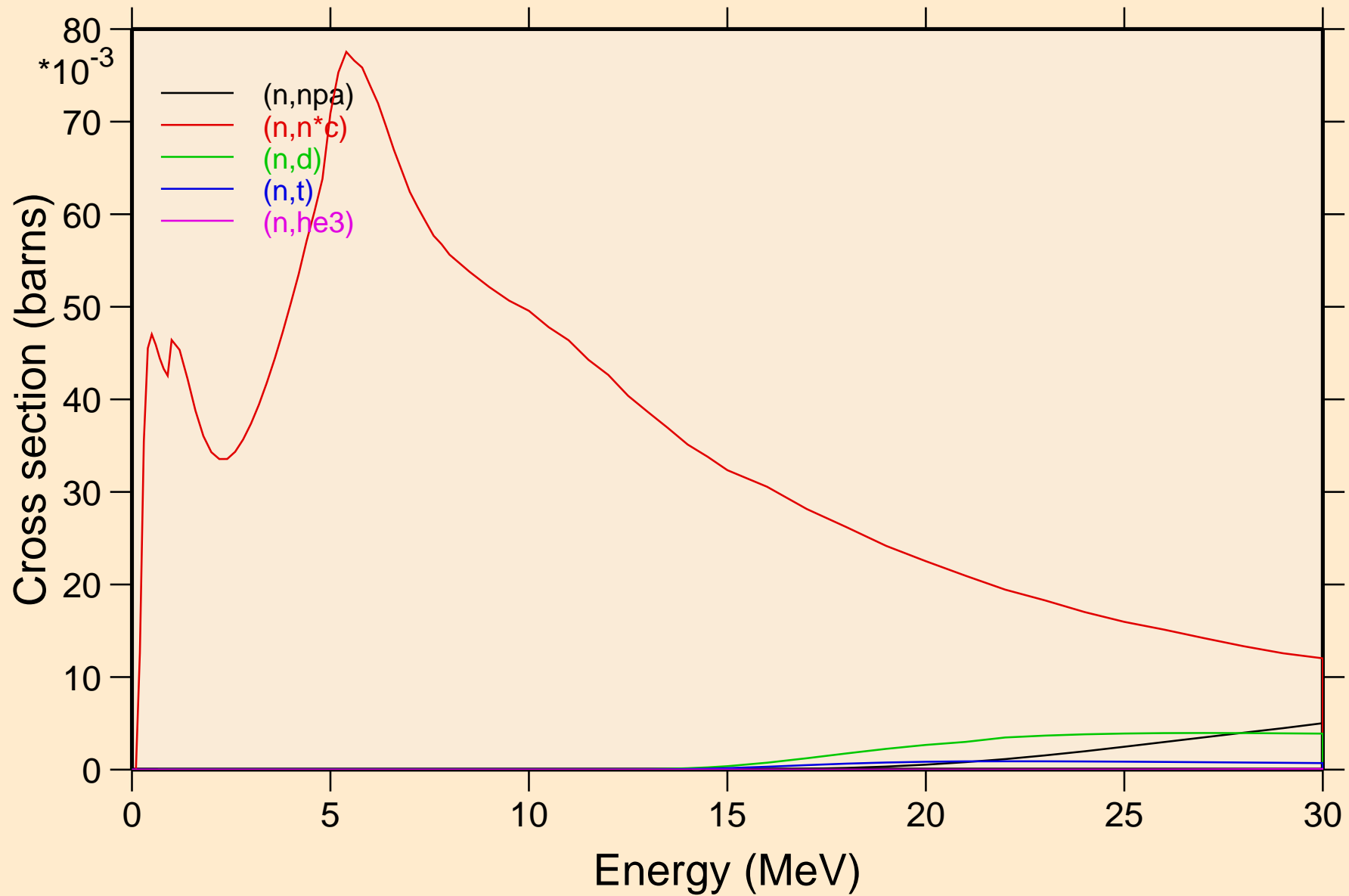
# BH270 NRG TENDL-2015, AKONING

## Threshold reactions



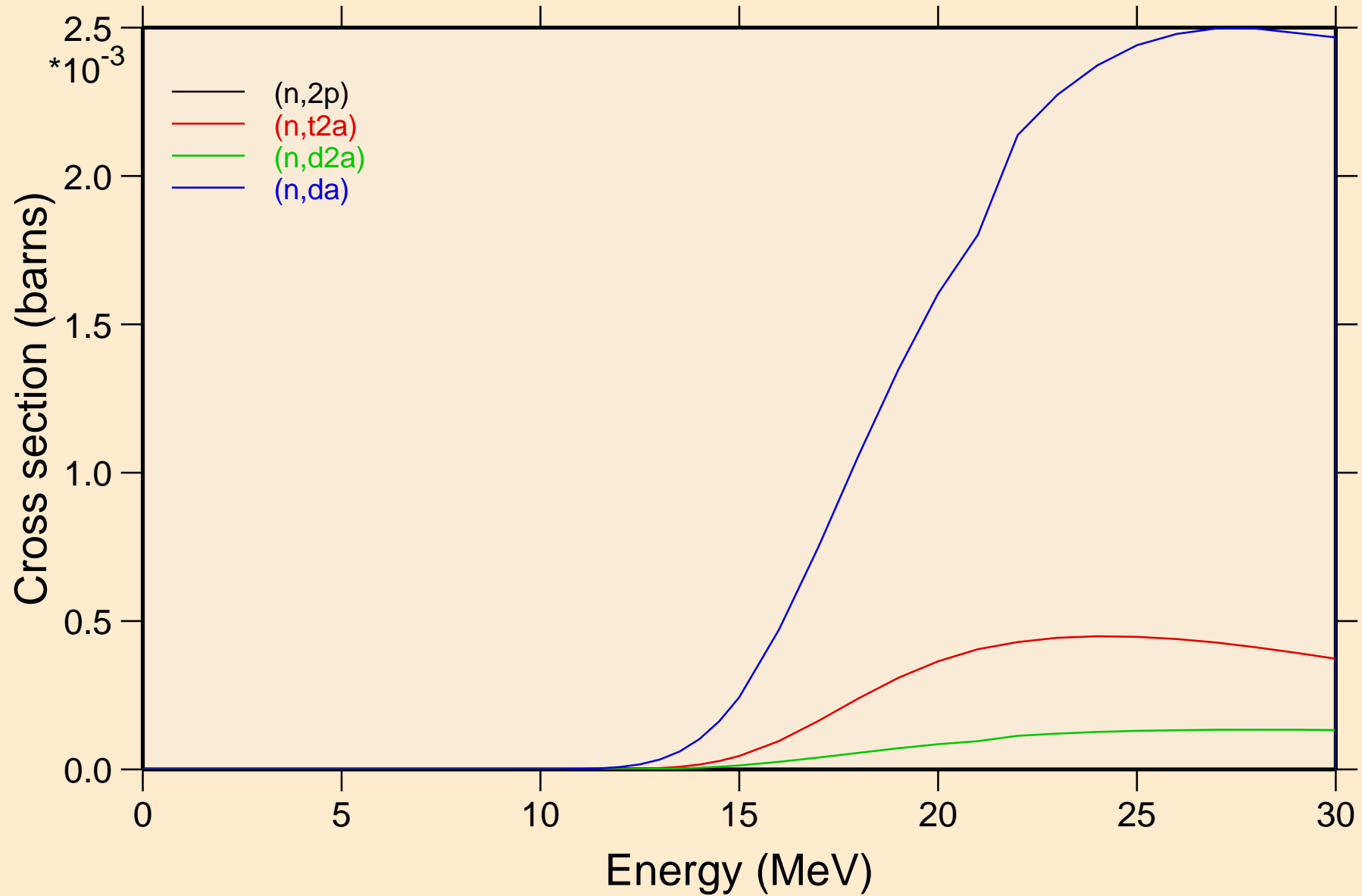
# BH270 NRG TENDL-2015, AKONING

## Threshold reactions

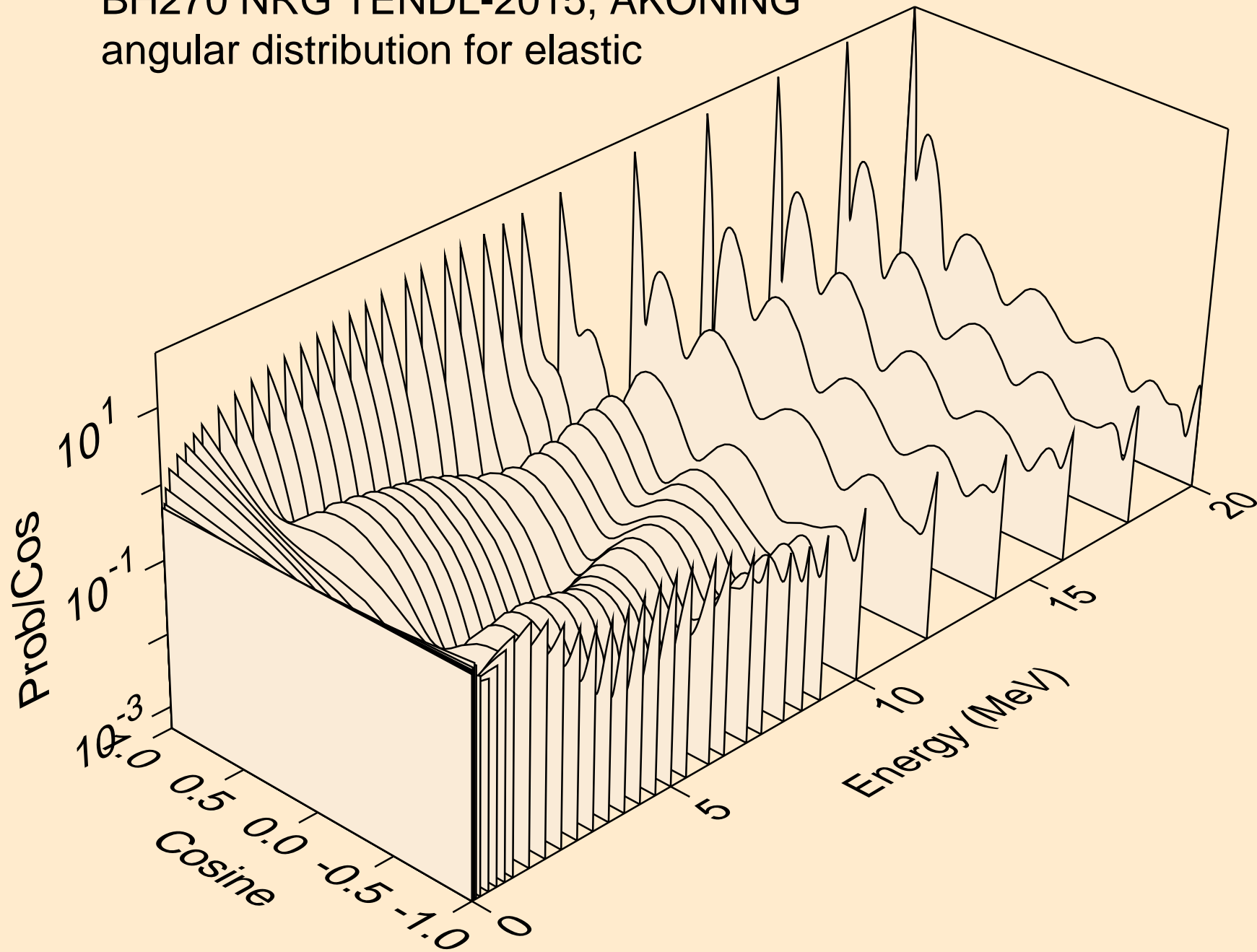


# BH270 NRG TENDL-2015, AKONING

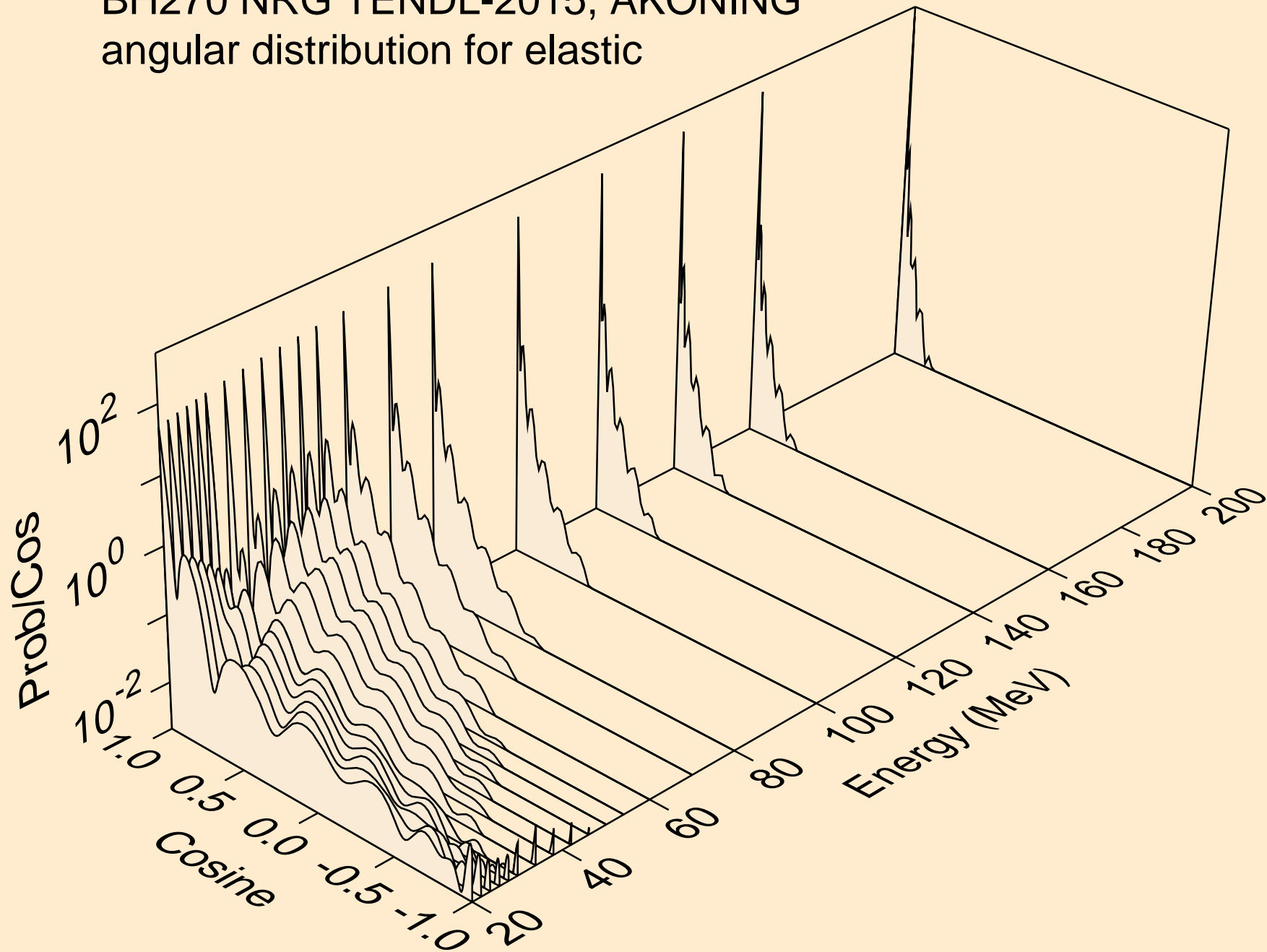
## Threshold reactions



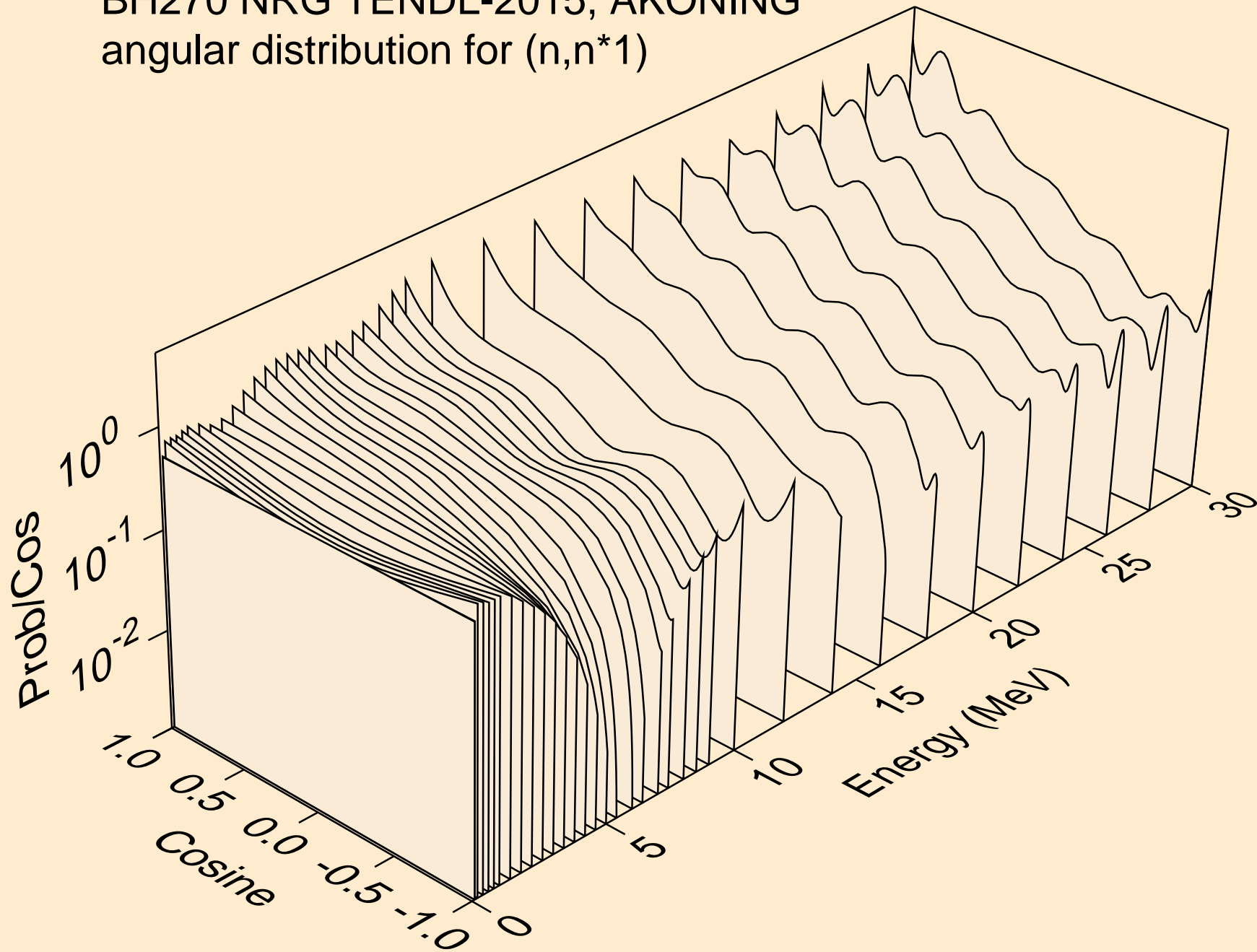
BH270 NRG TENDL-2015, AKONING  
angular distribution for elastic



BH270 NRG TENDL-2015, AKONING  
angular distribution for elastic



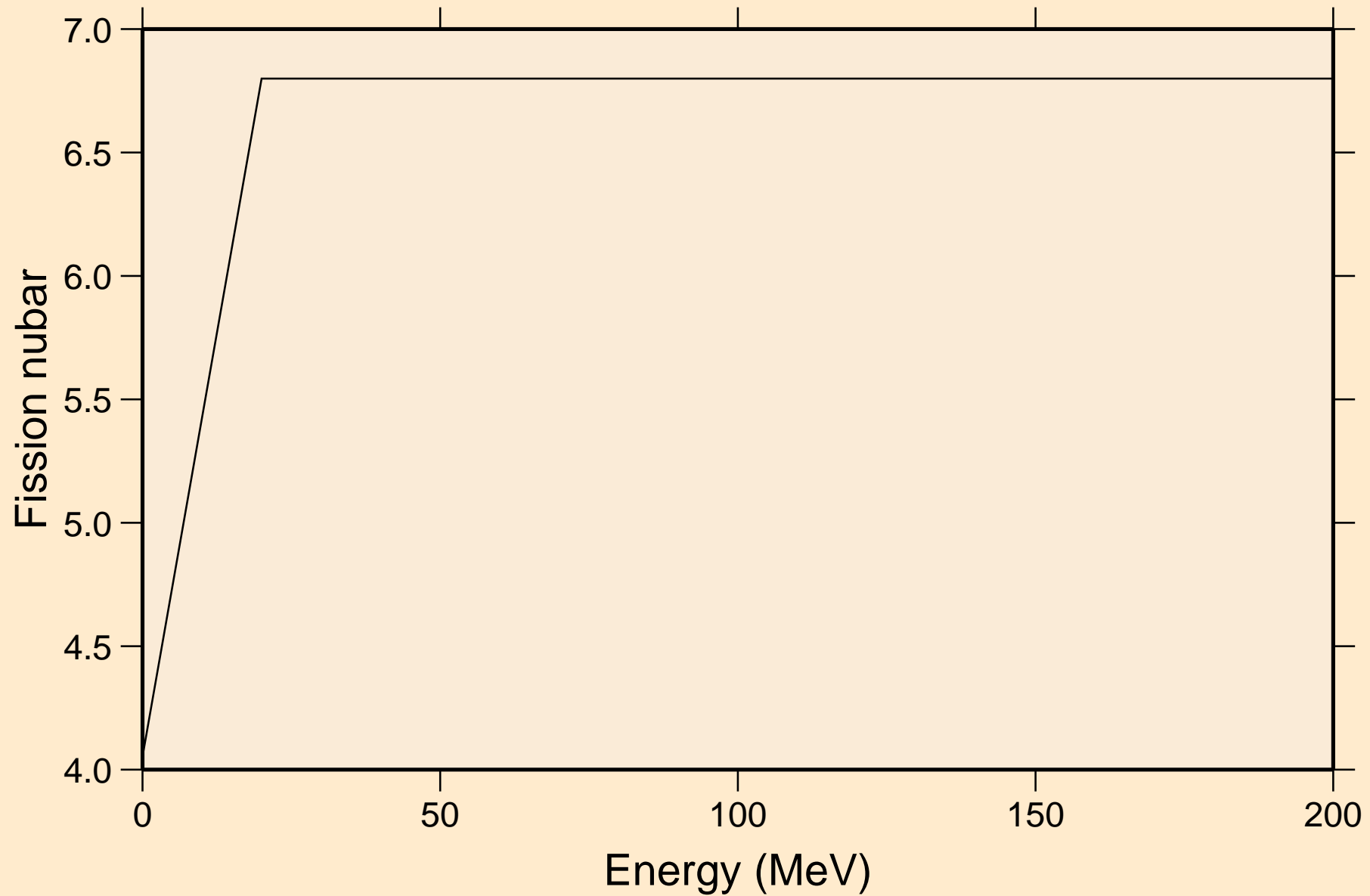
BH270 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



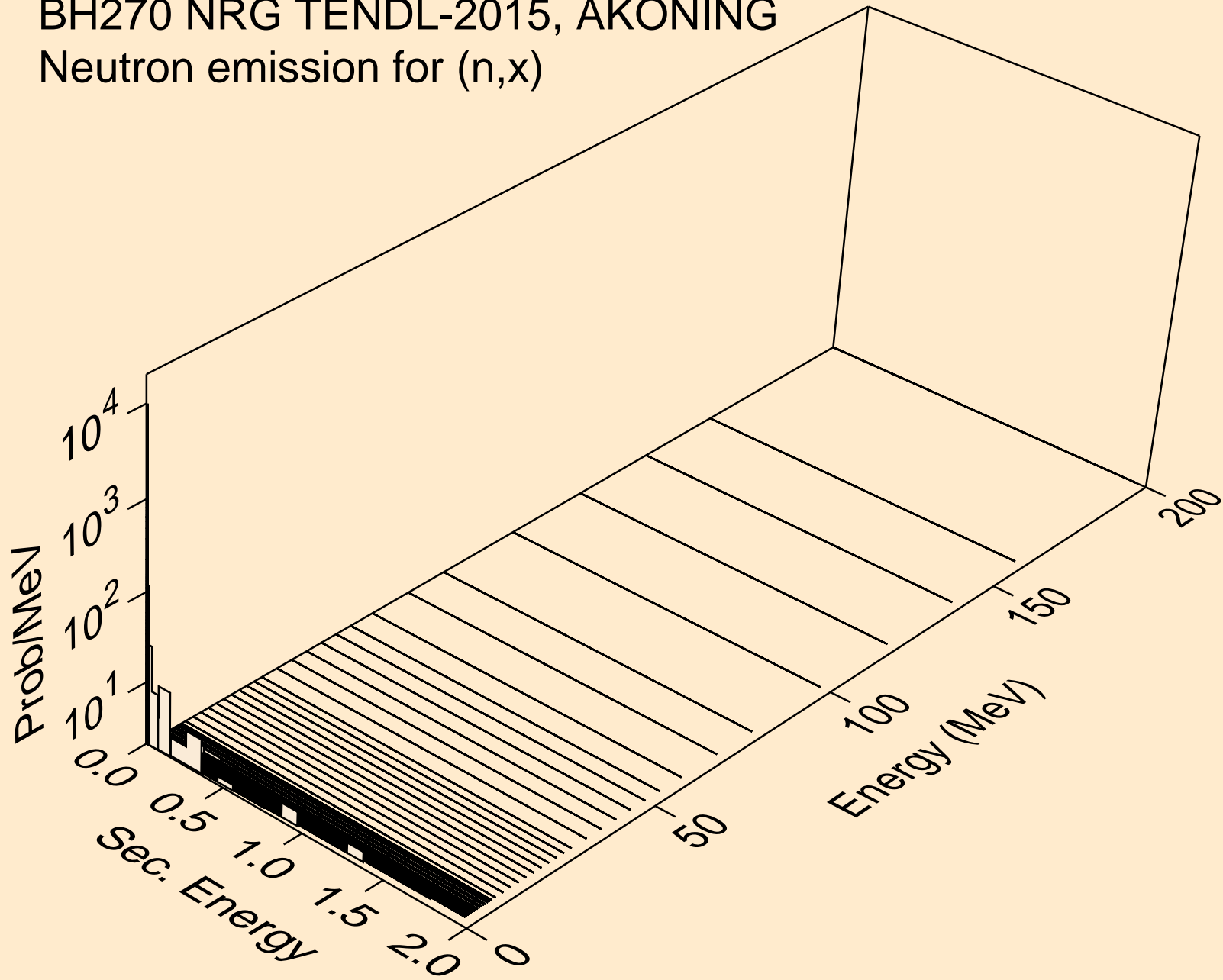


# BH270 NRG TENDL-2015, AKONING

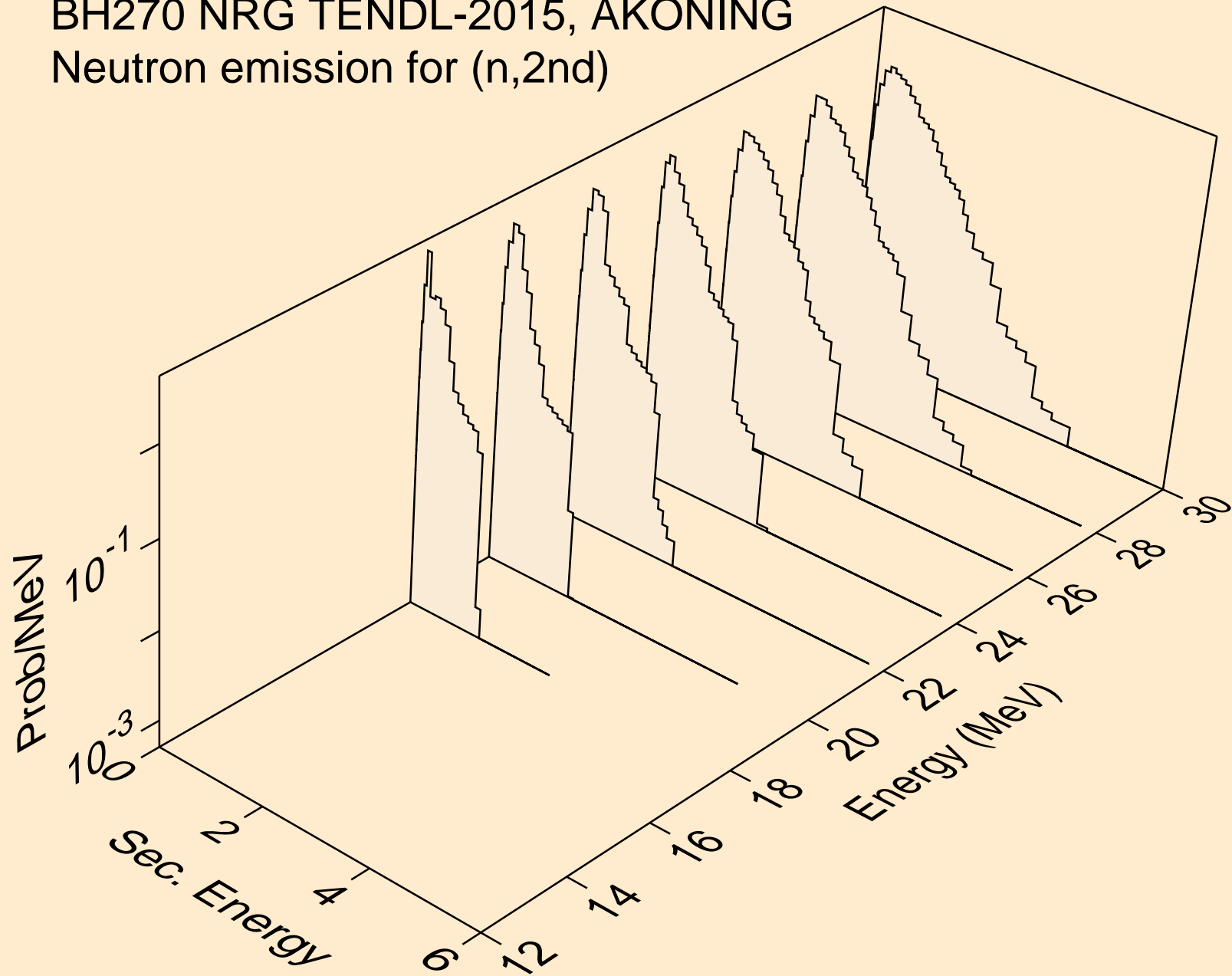
Total fission nubar



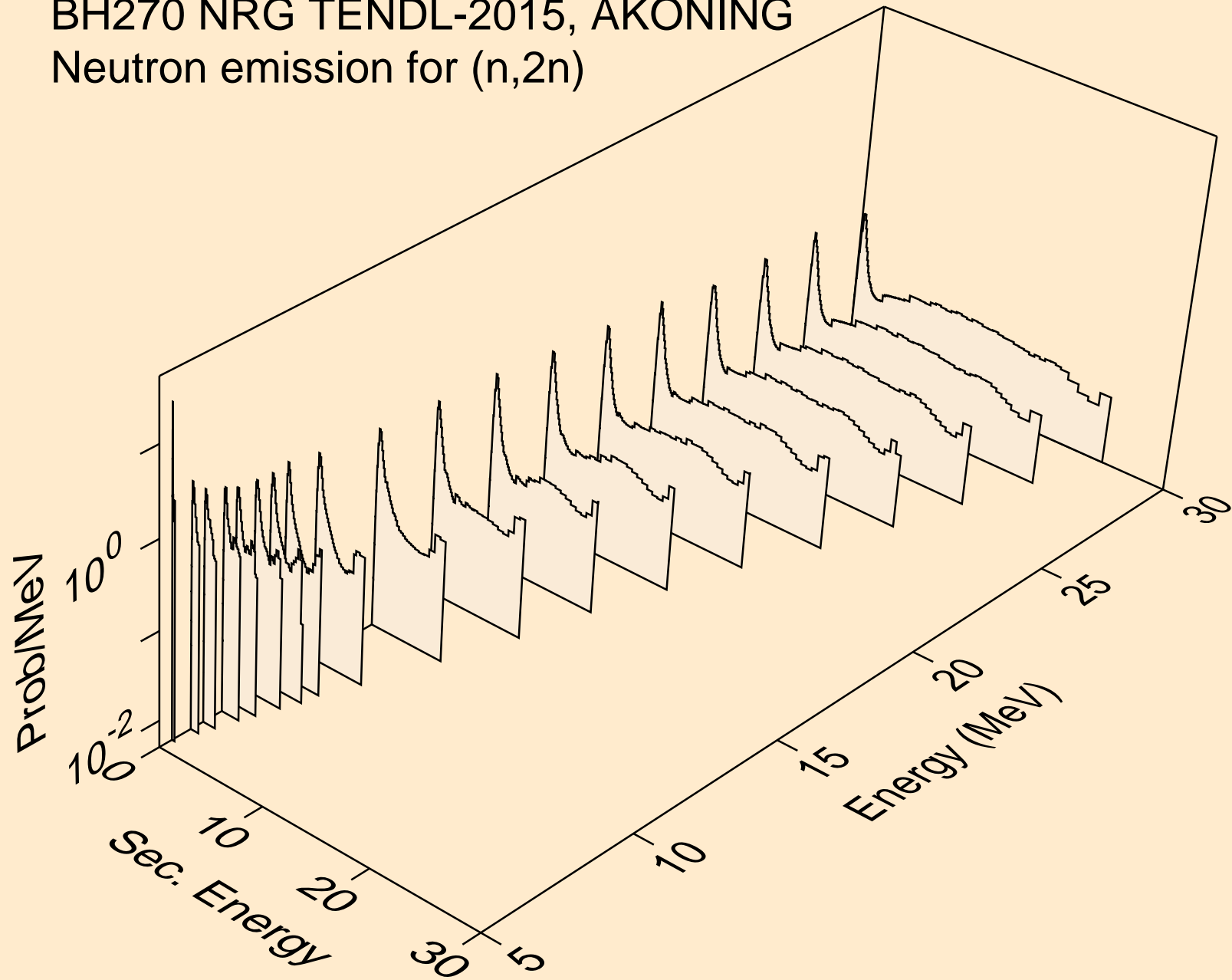
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



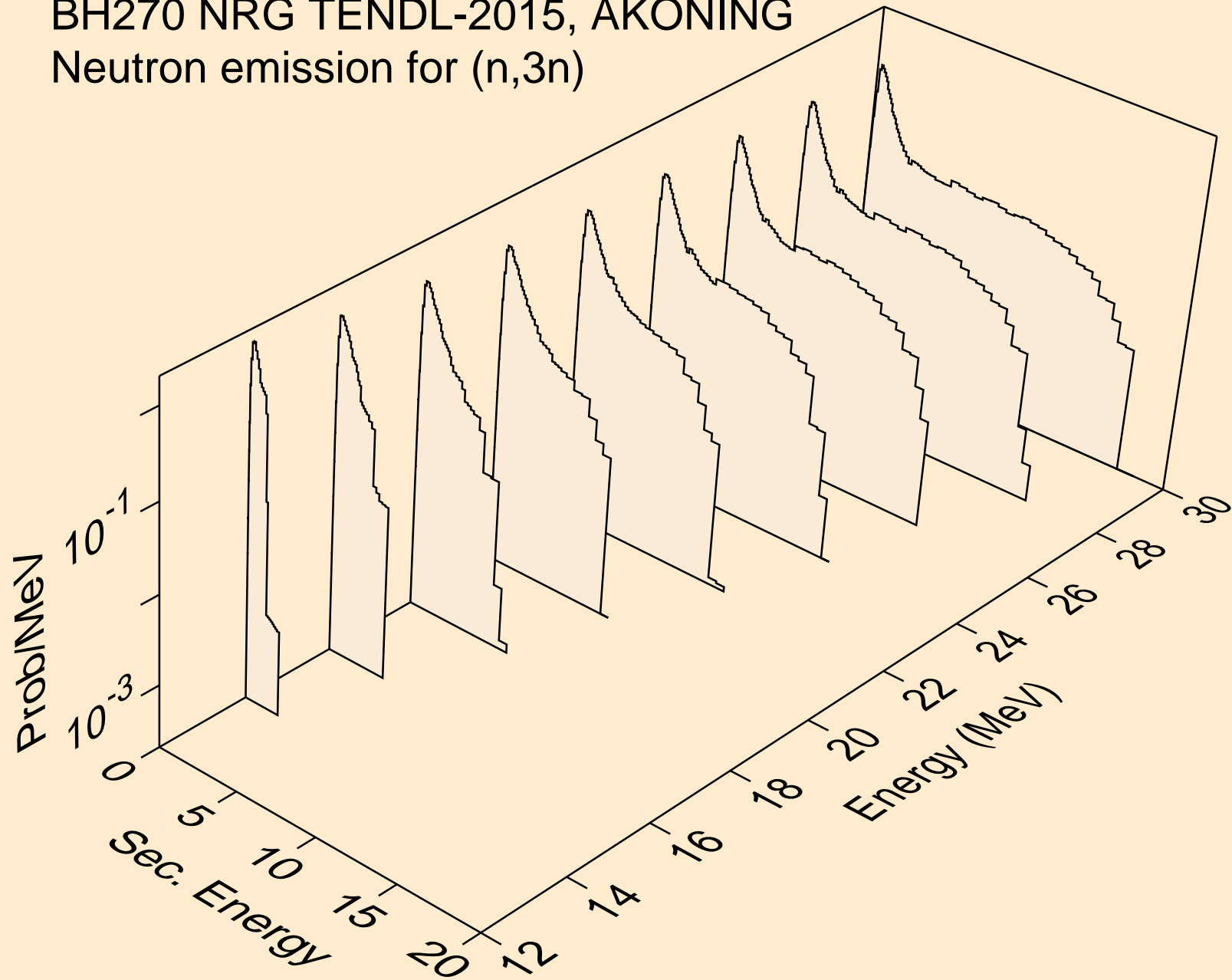
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



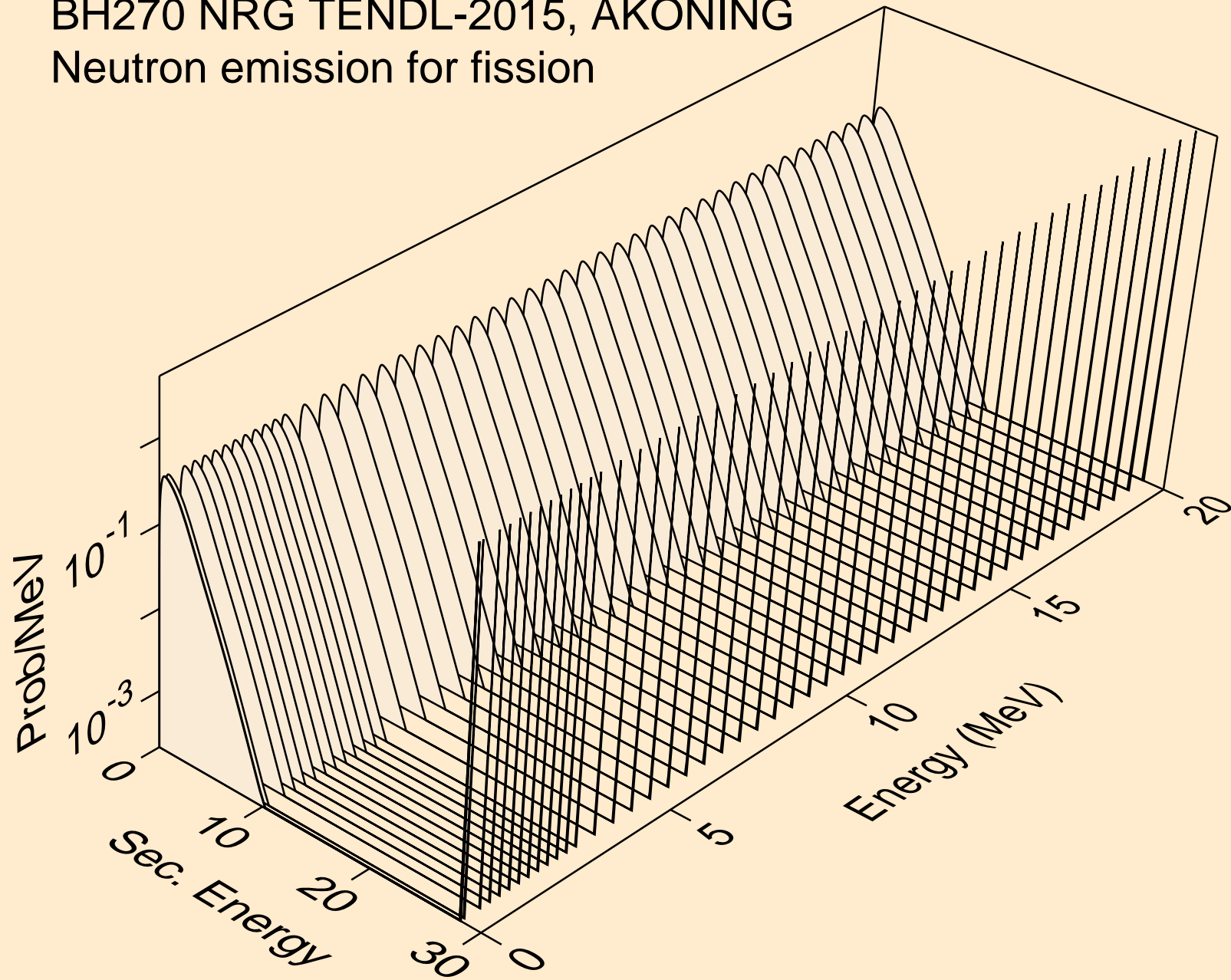
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



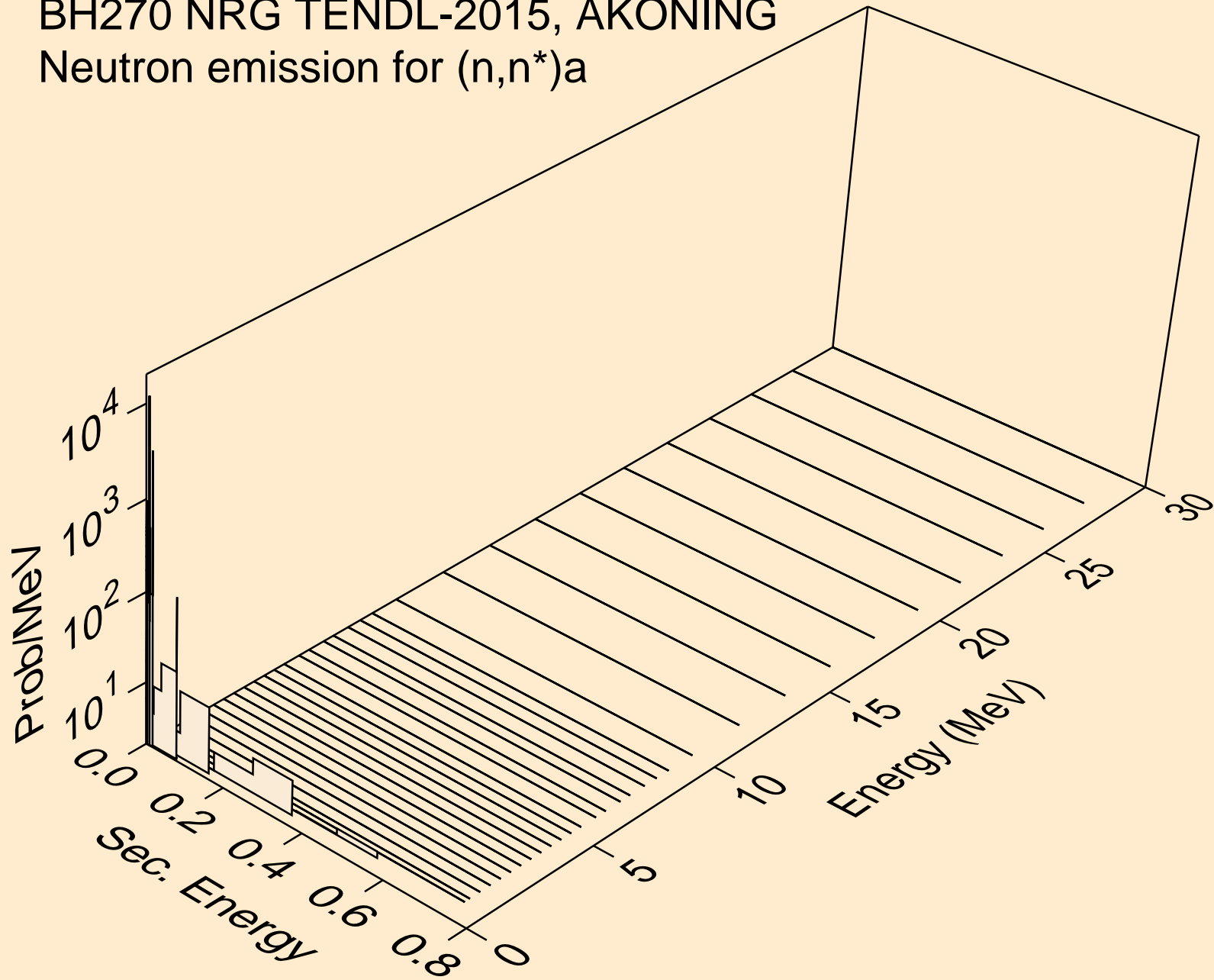
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



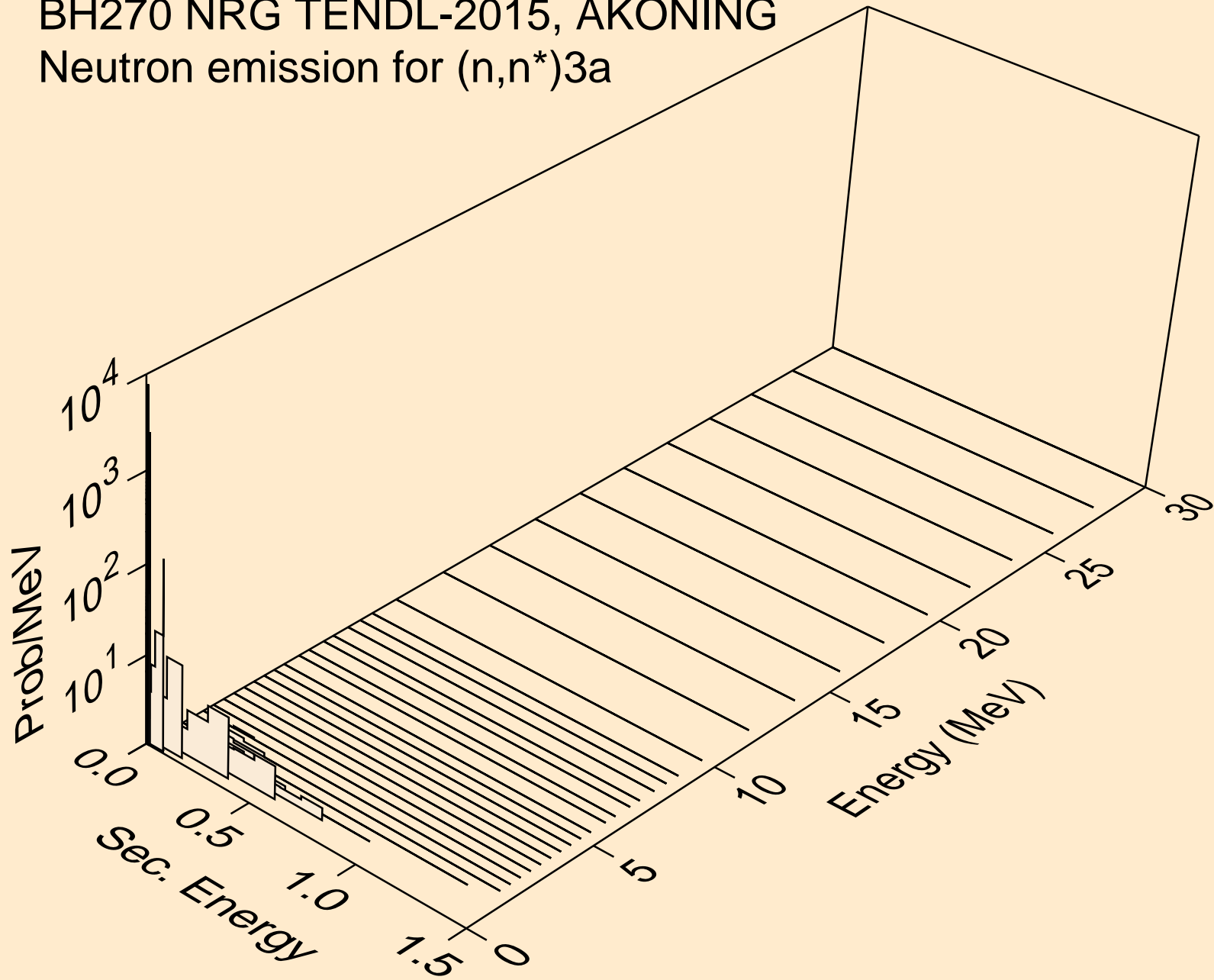
BH270 NRG TENDL-2015, AKONING  
Neutron emission for fission



BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

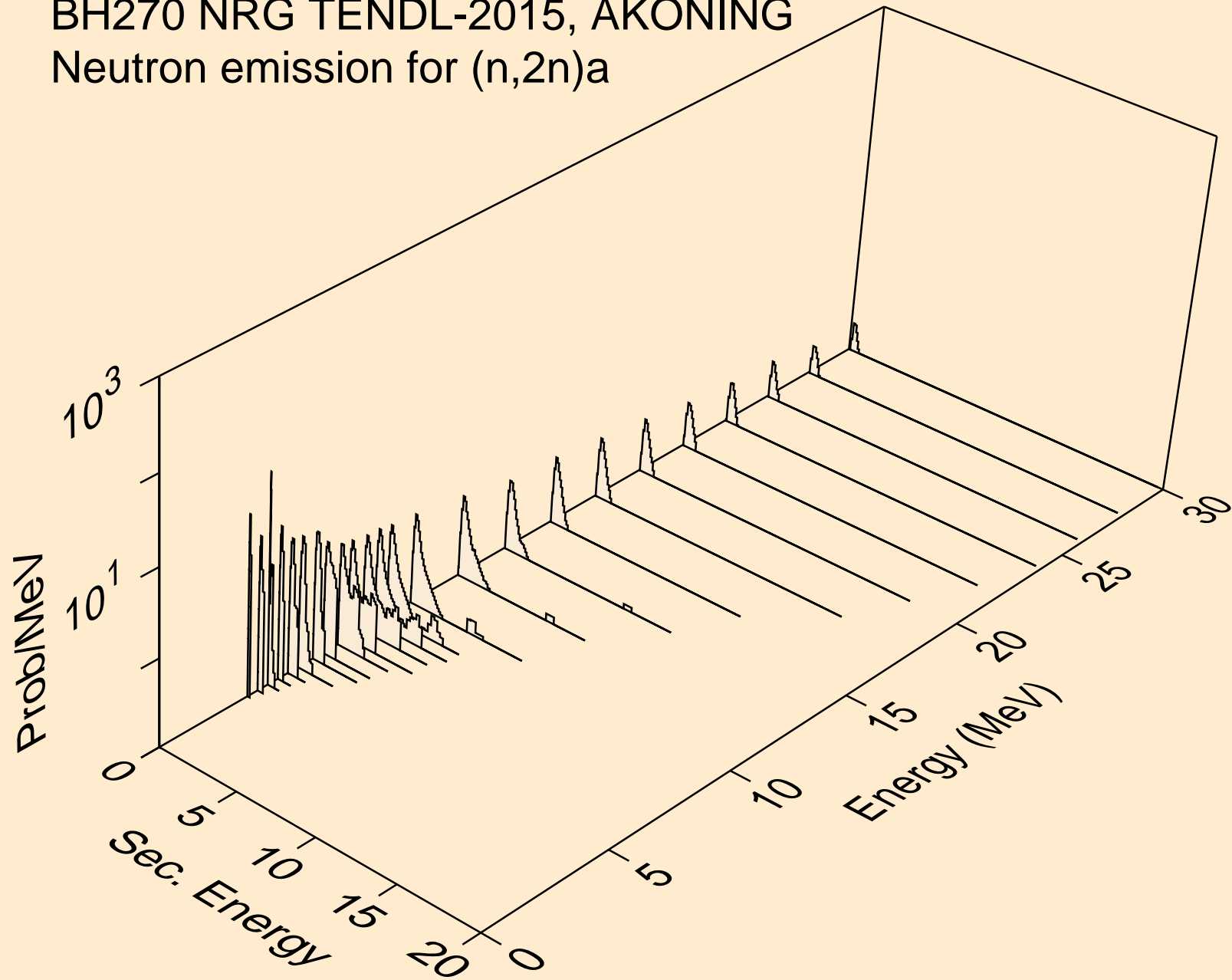


BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

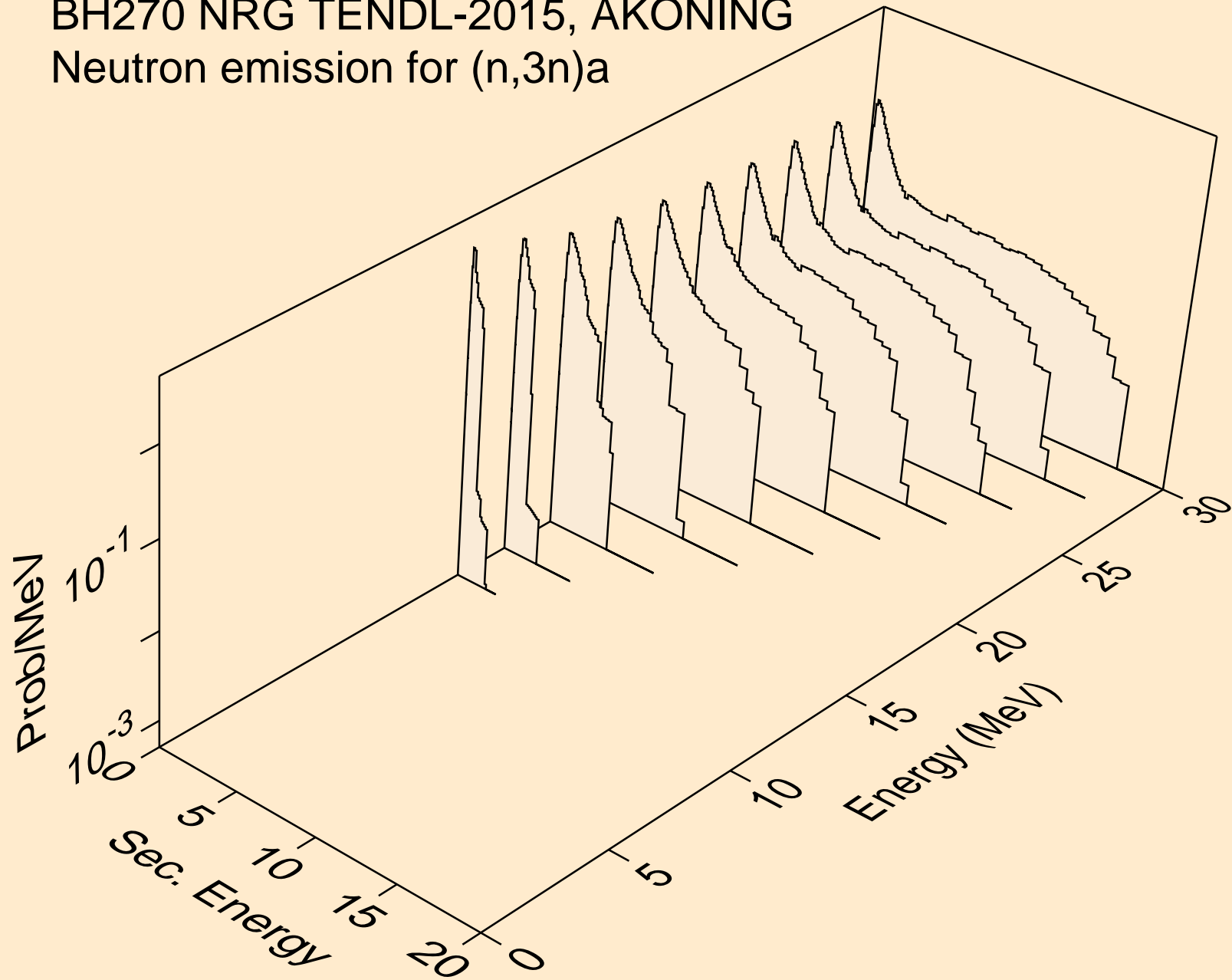




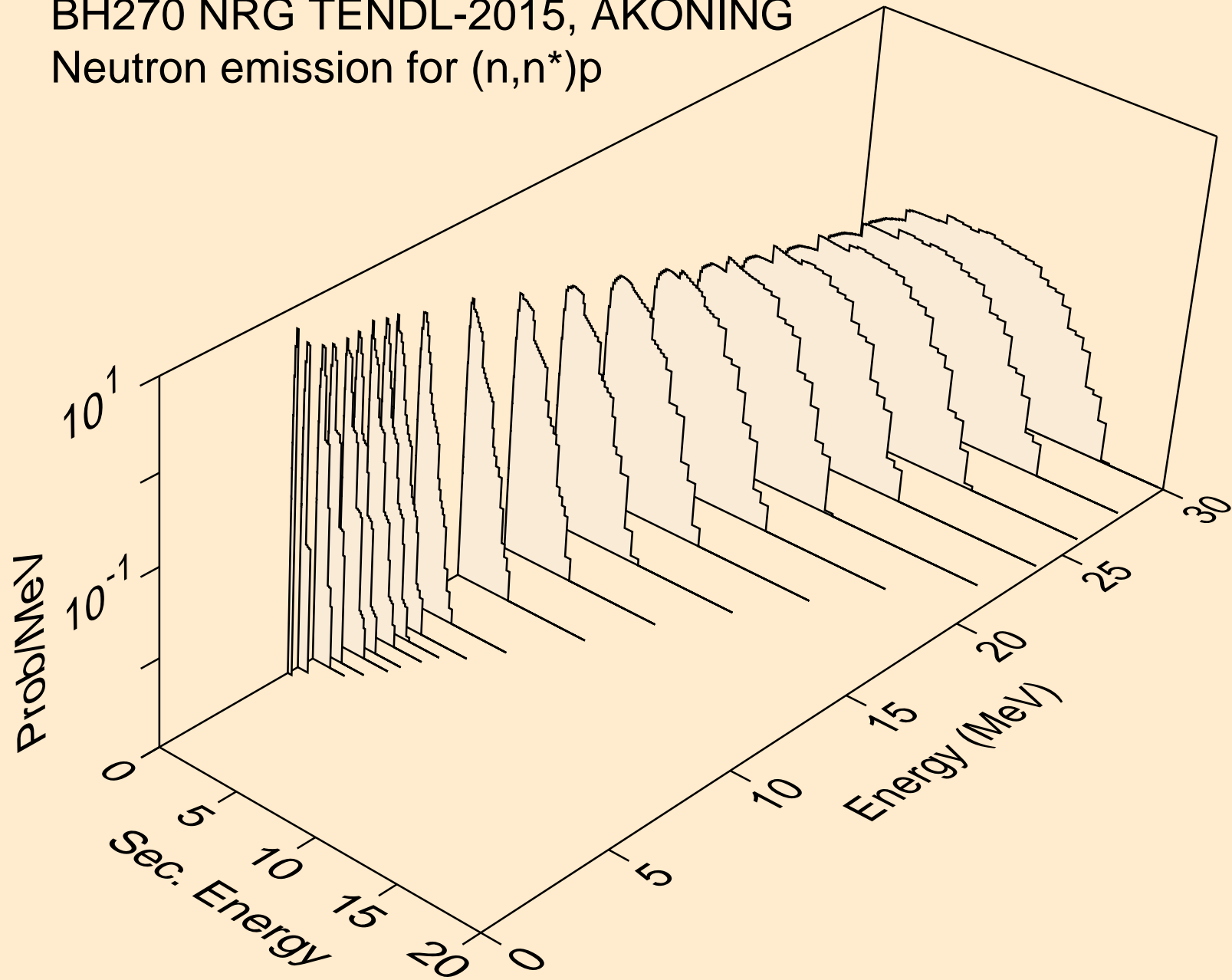
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



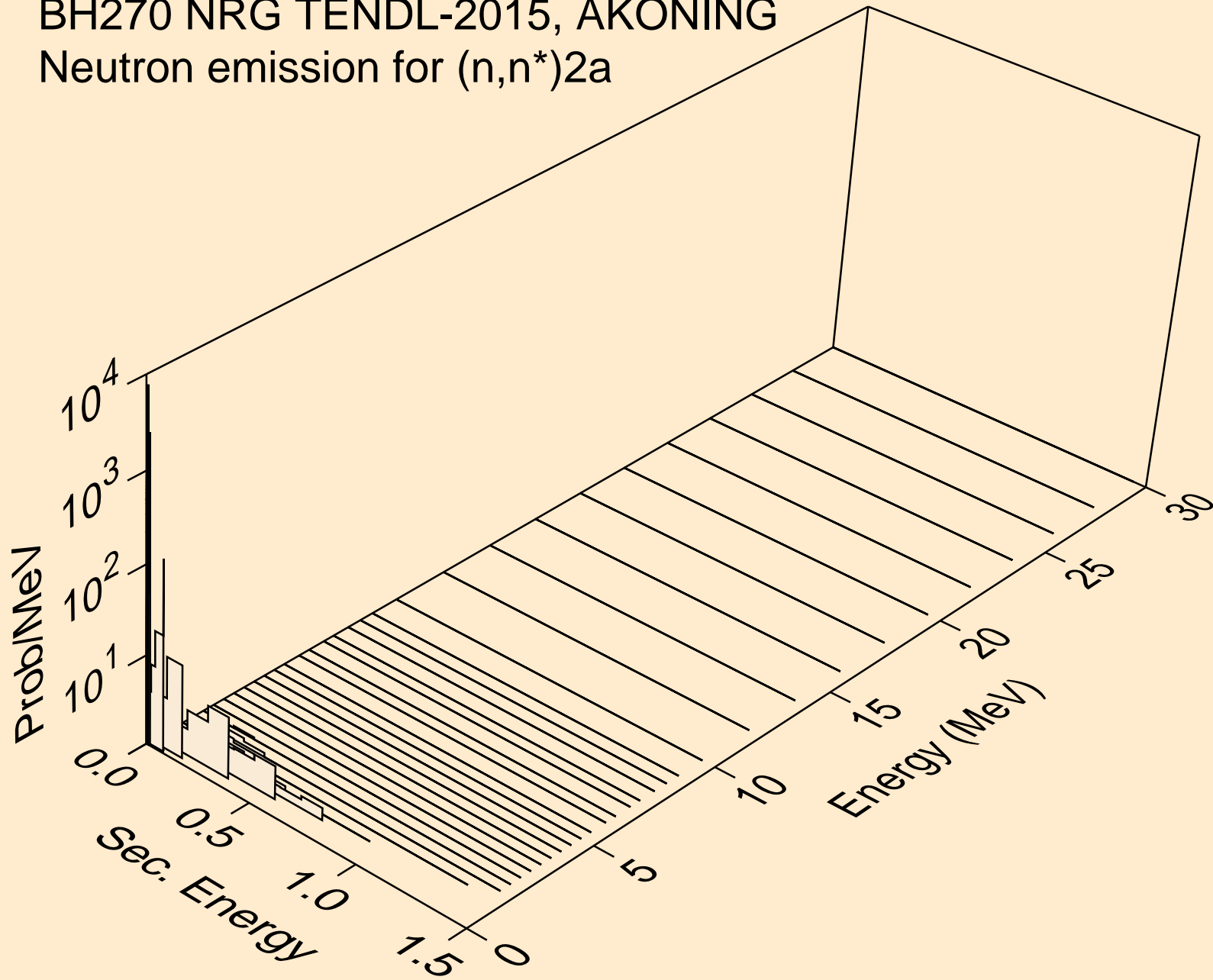
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



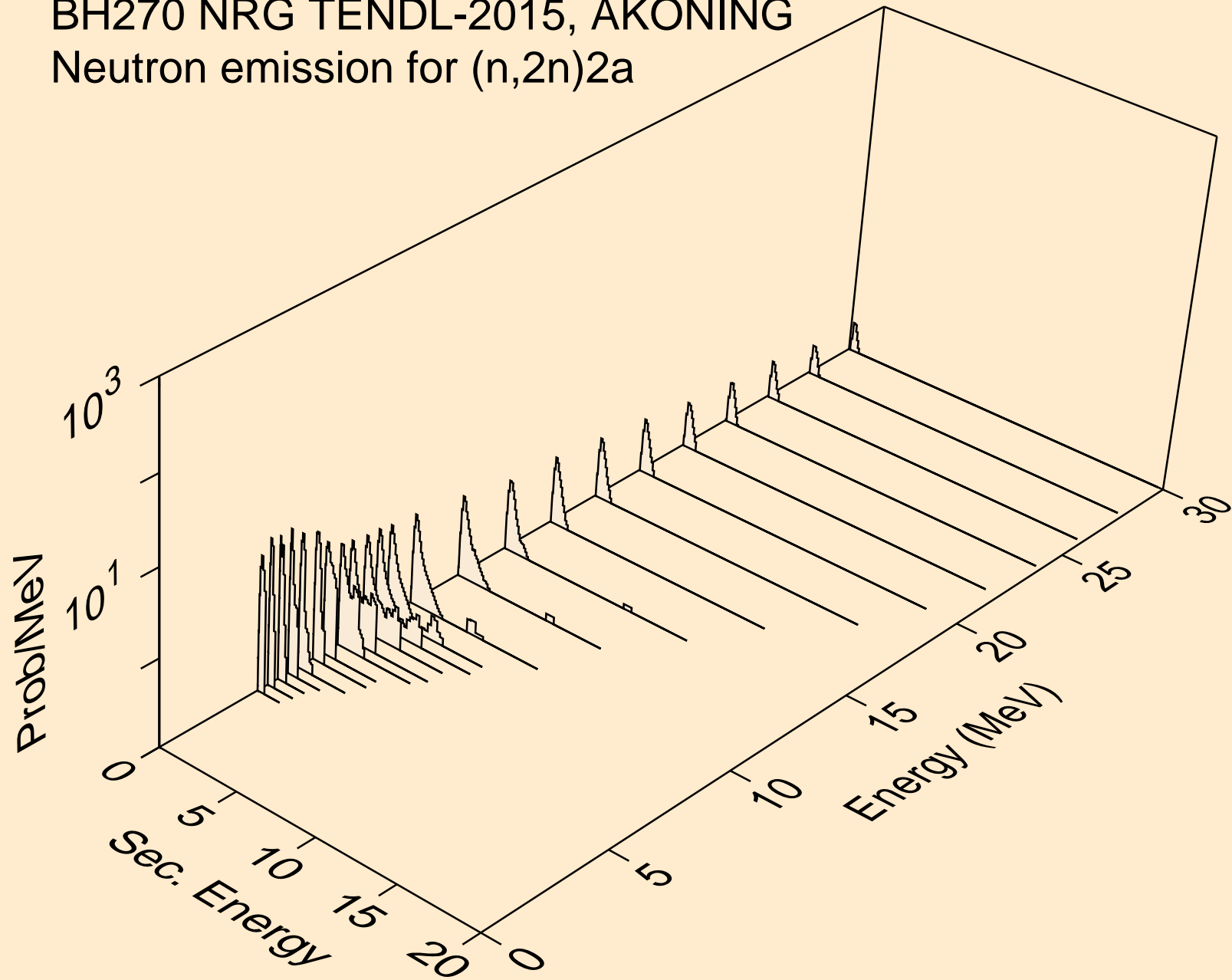
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



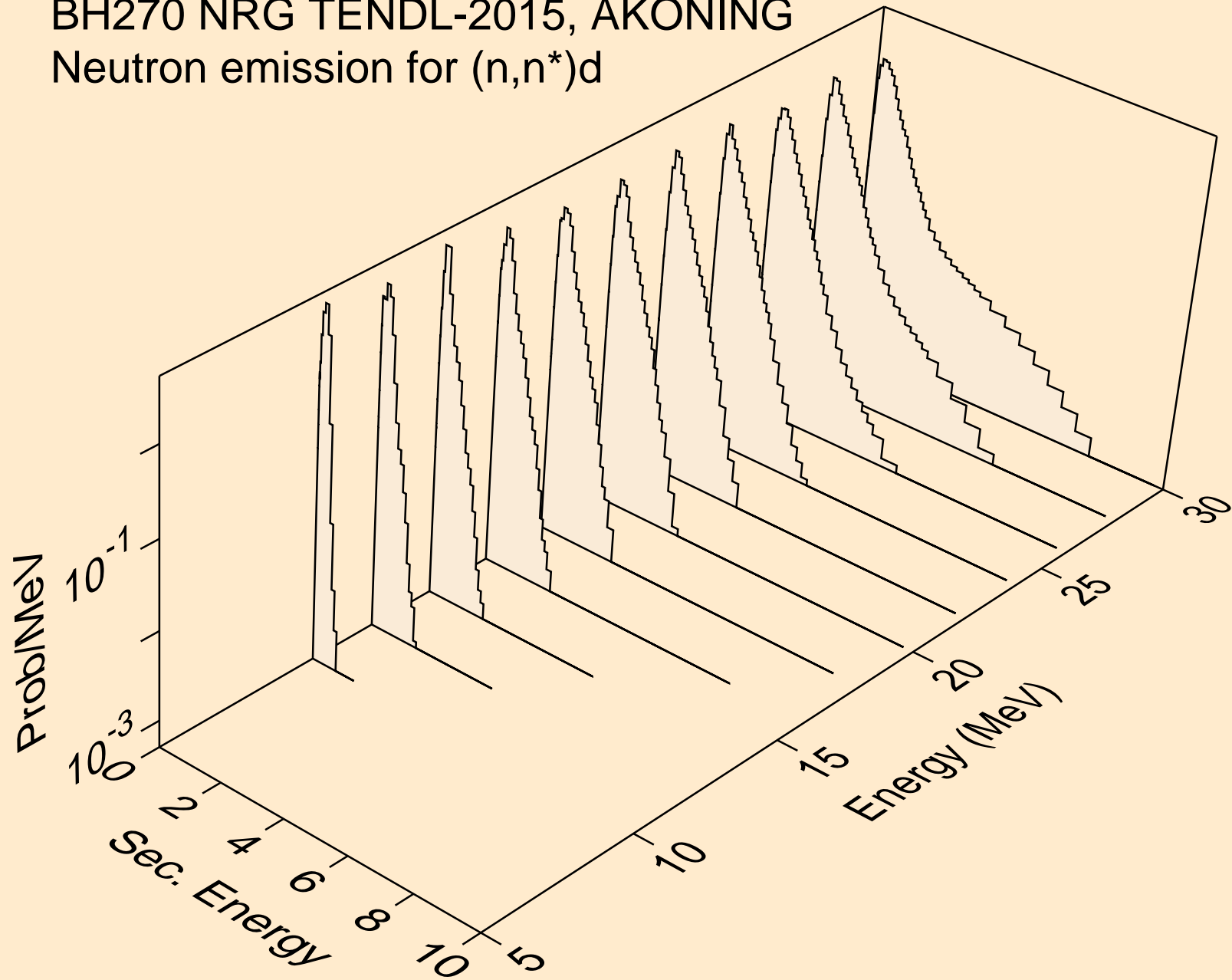
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



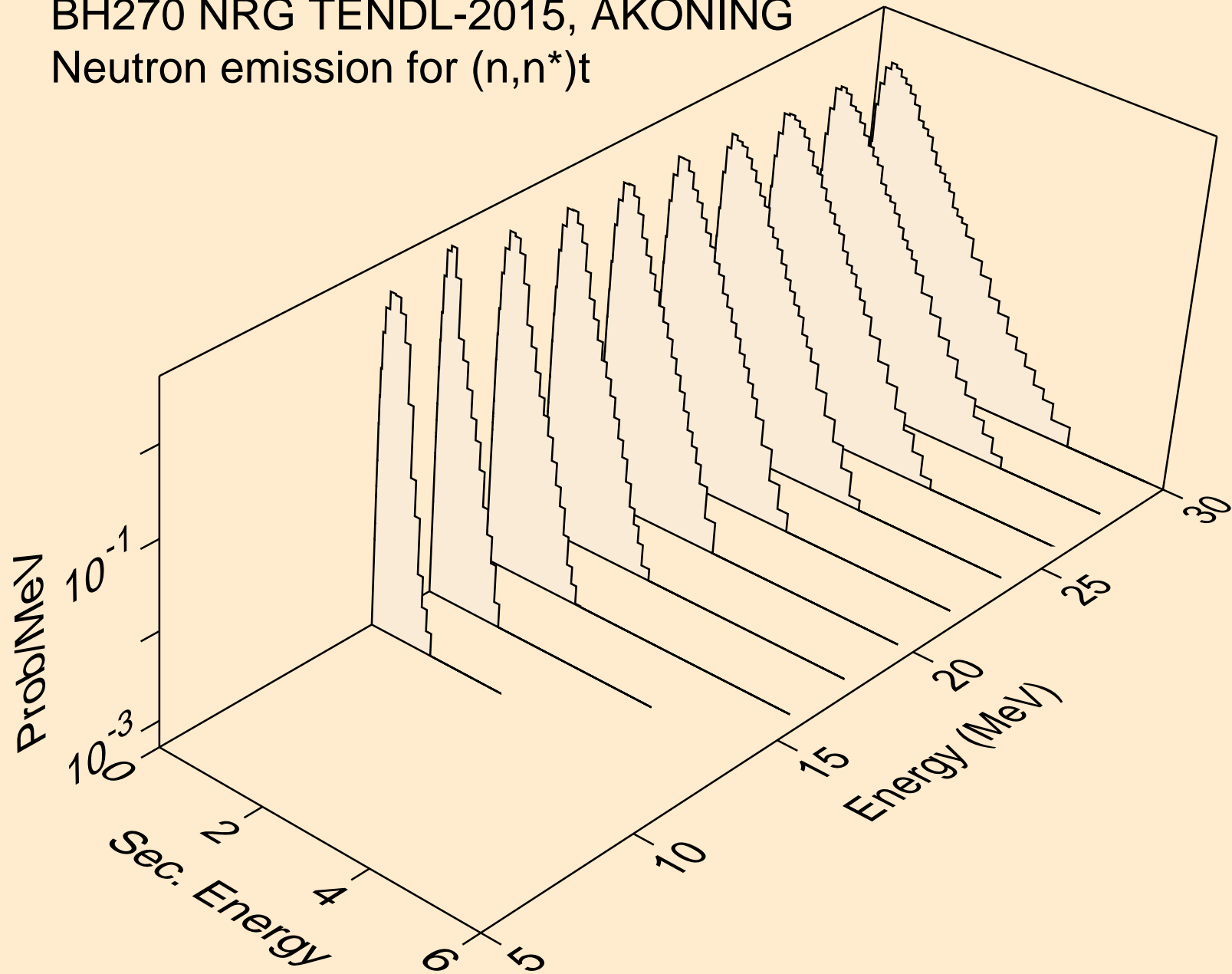
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



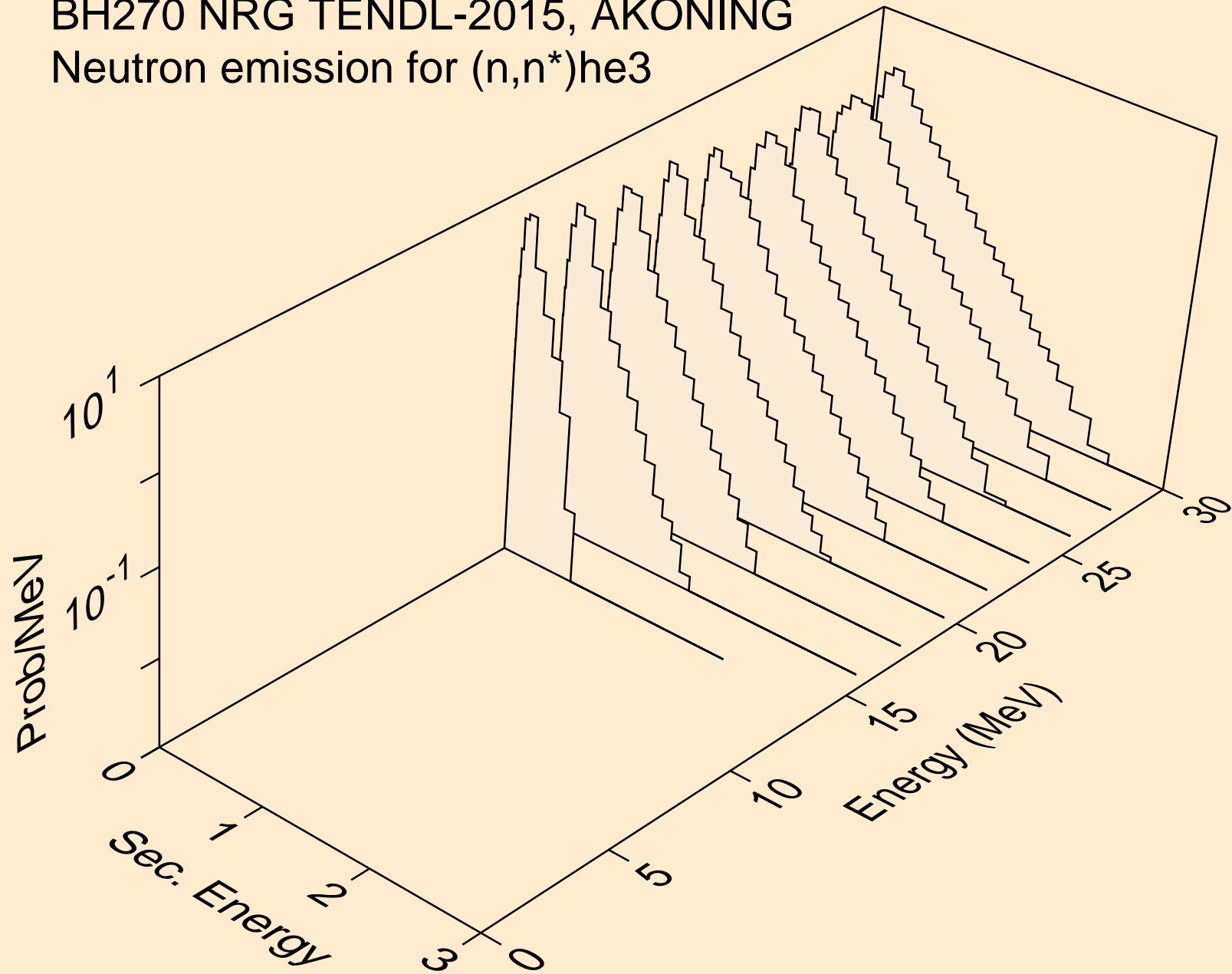
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

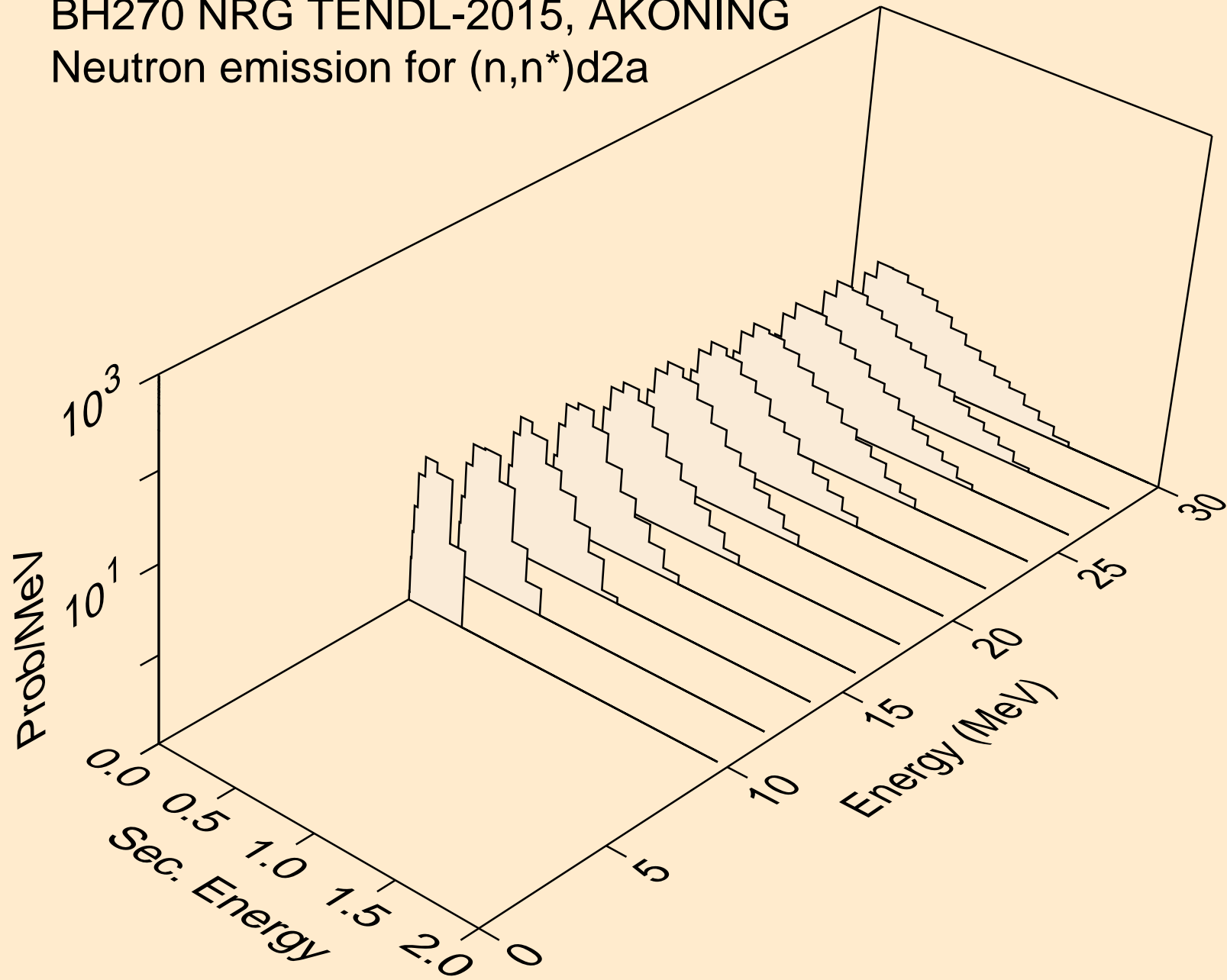


BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

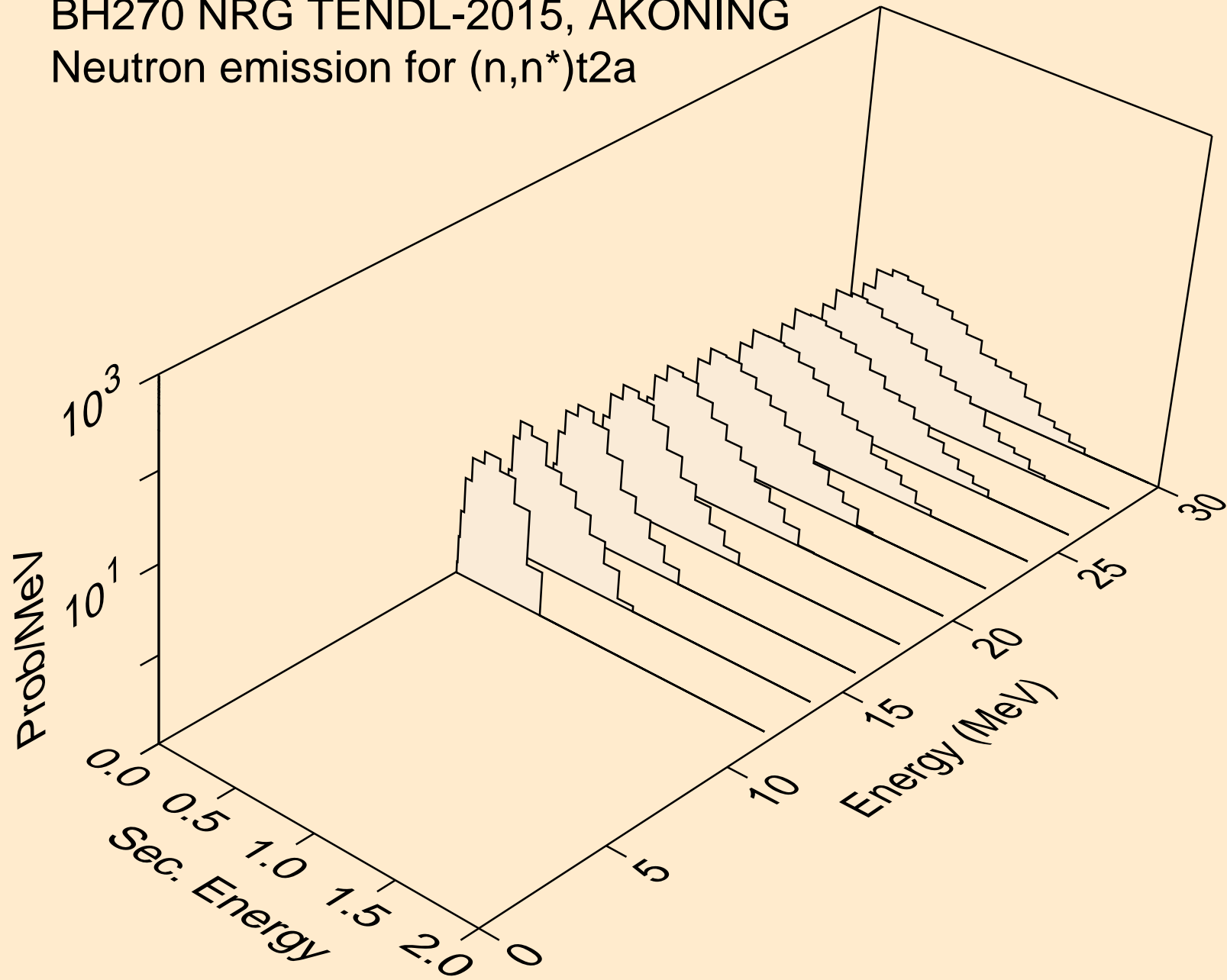




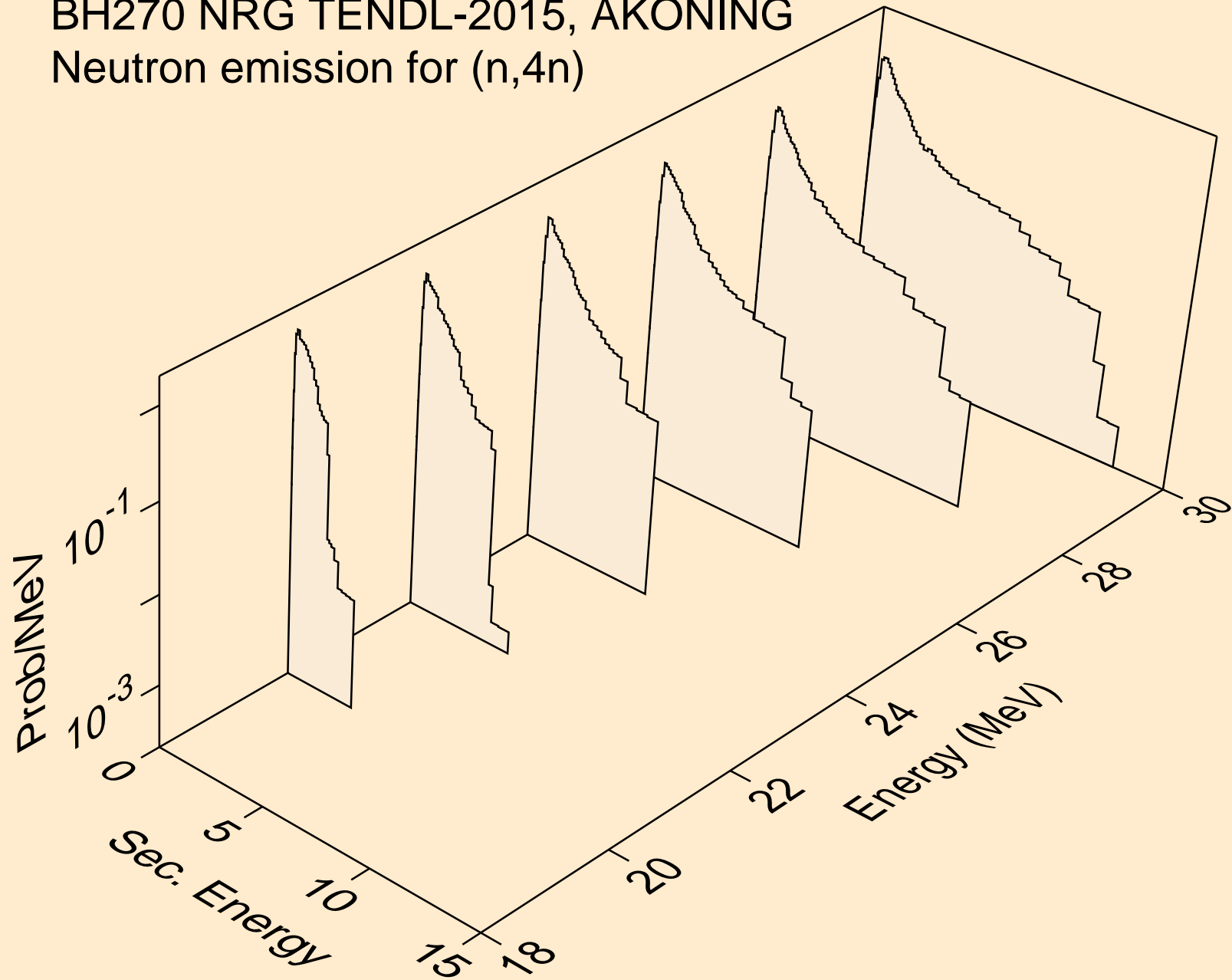
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



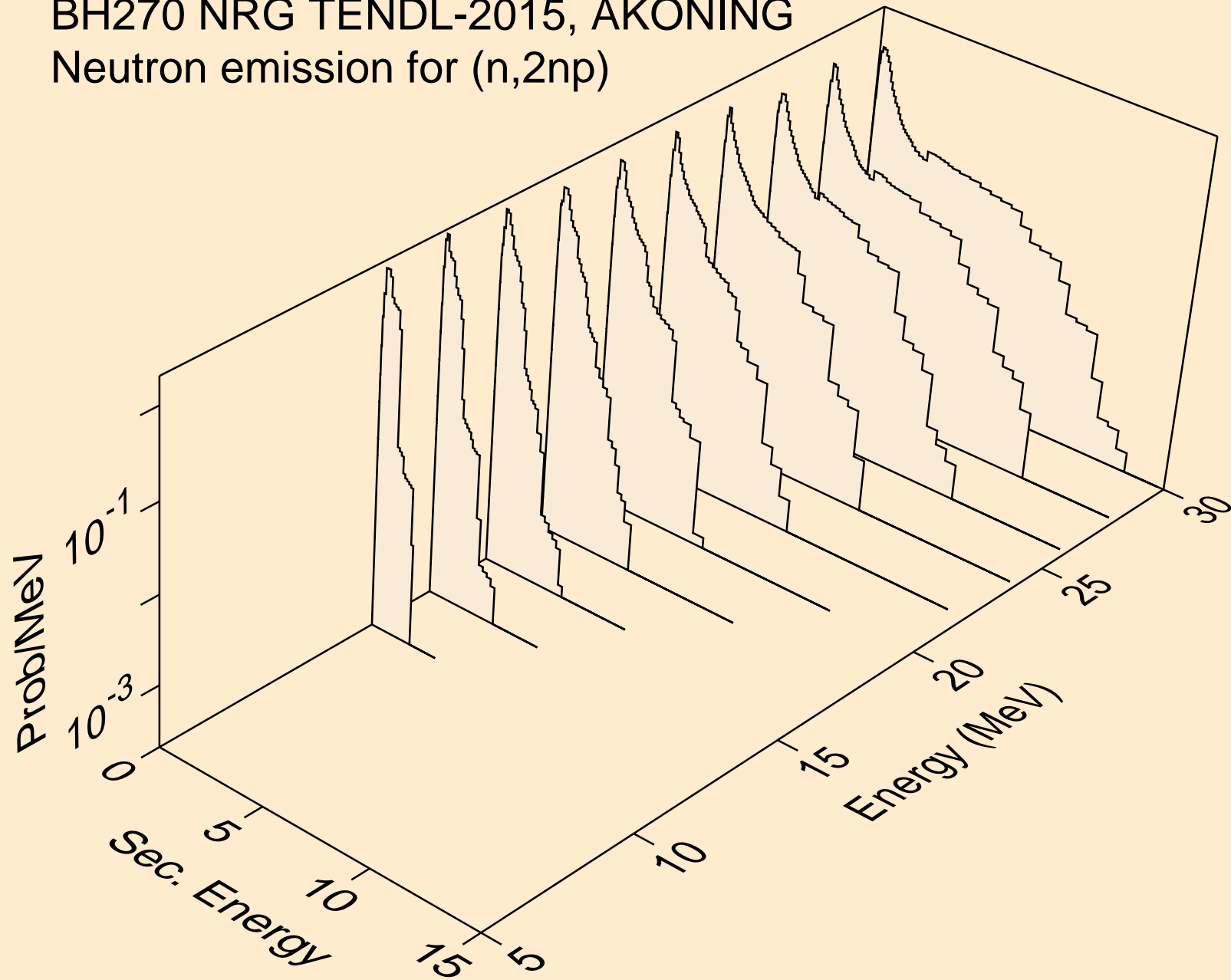
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



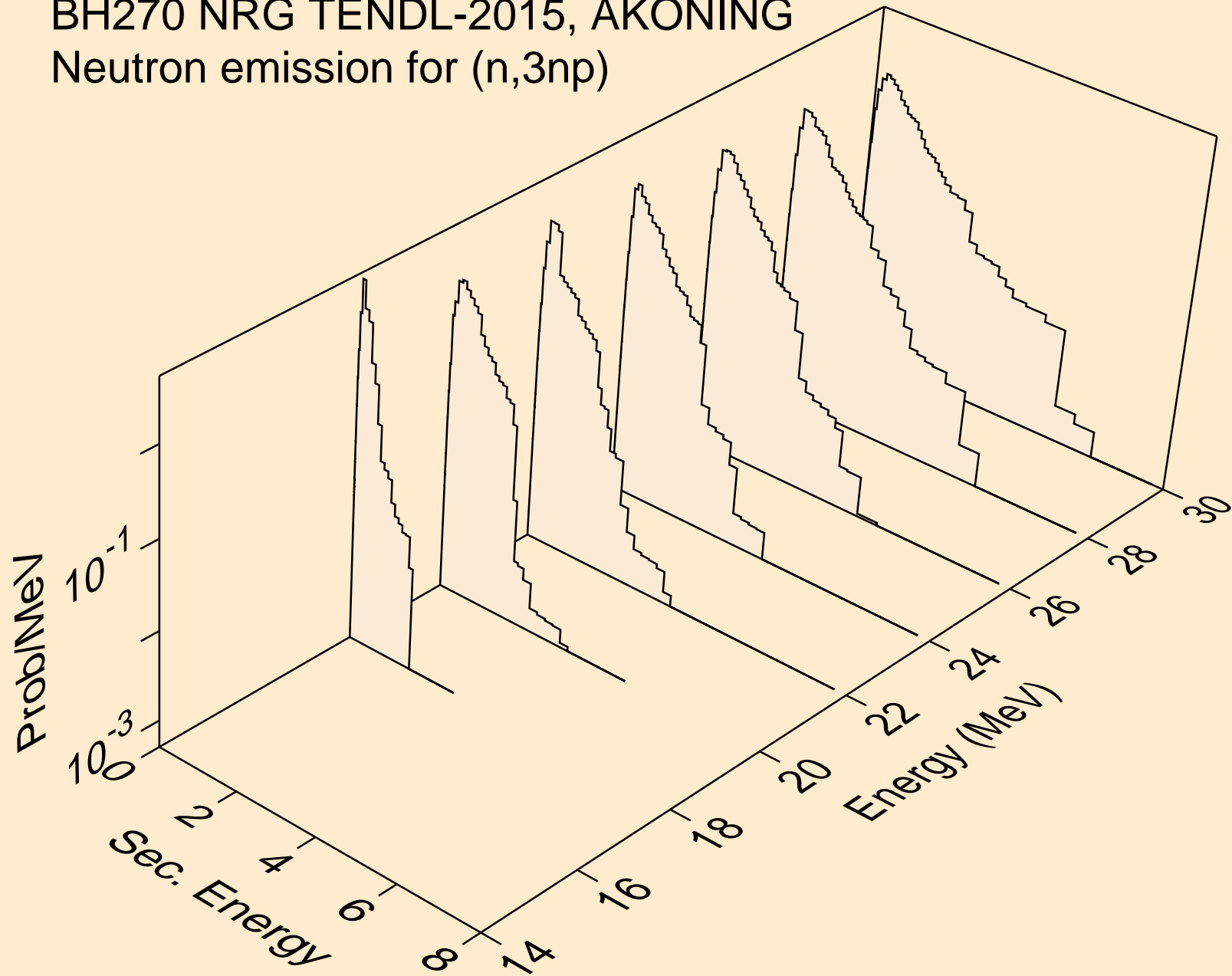
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



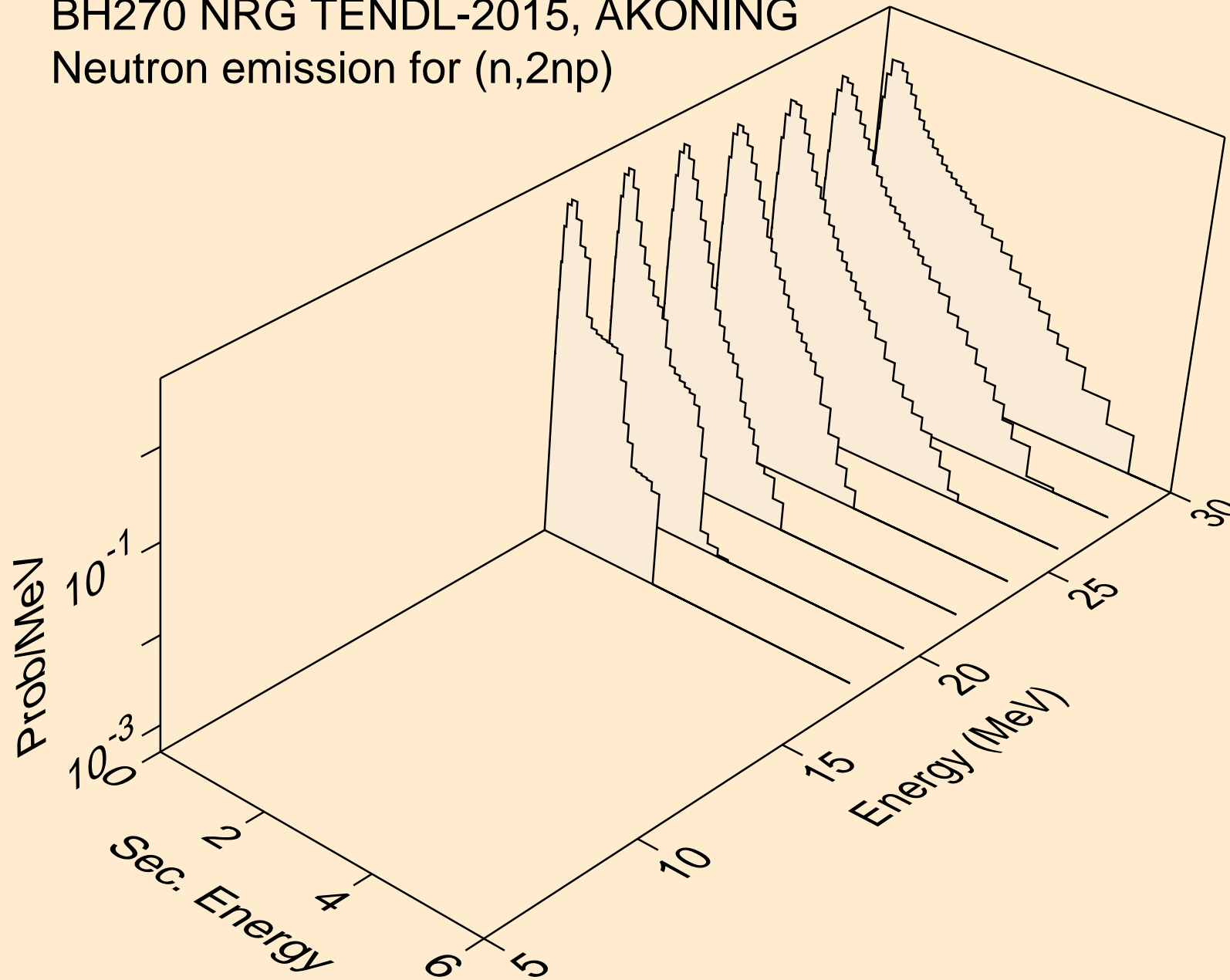
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



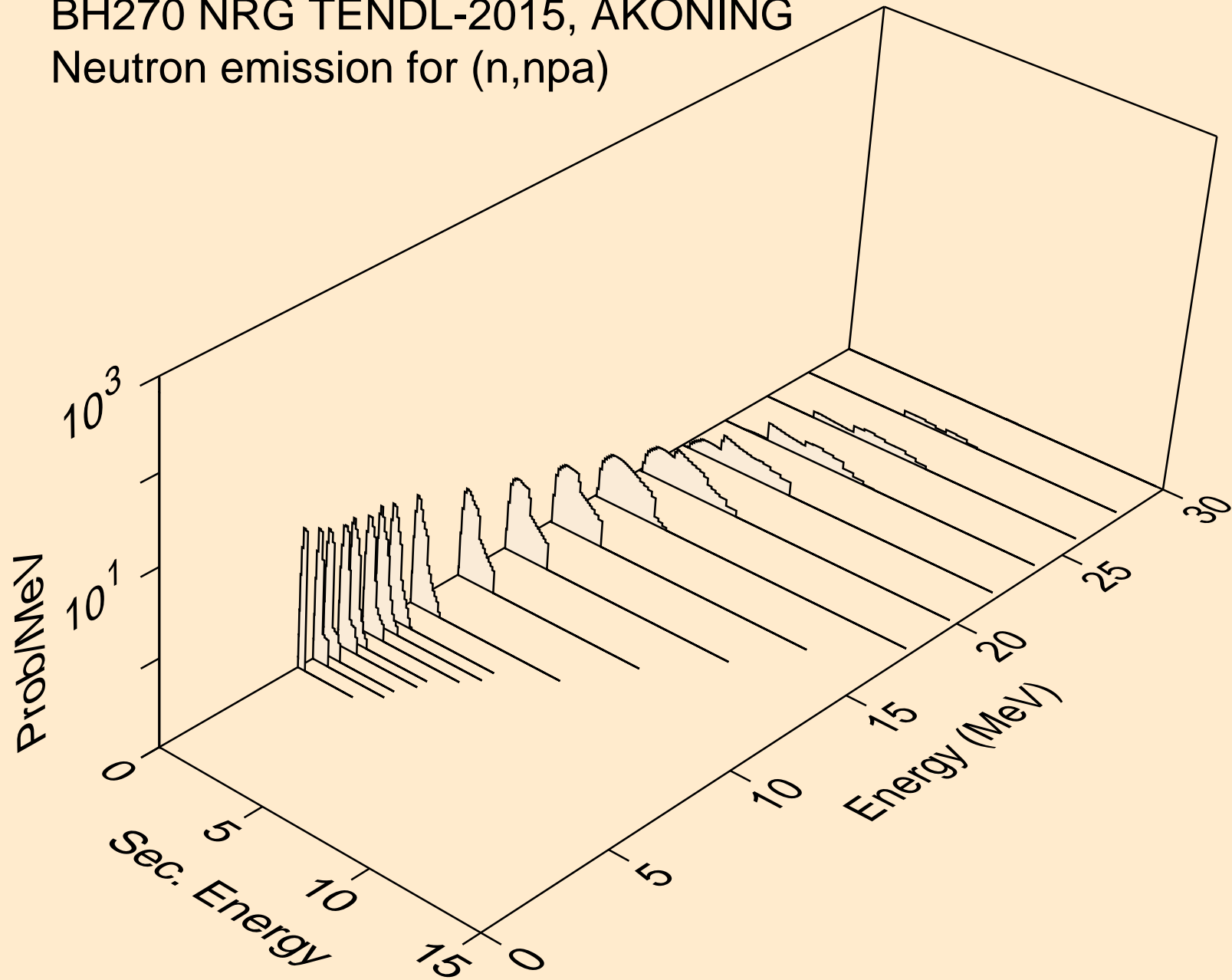
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



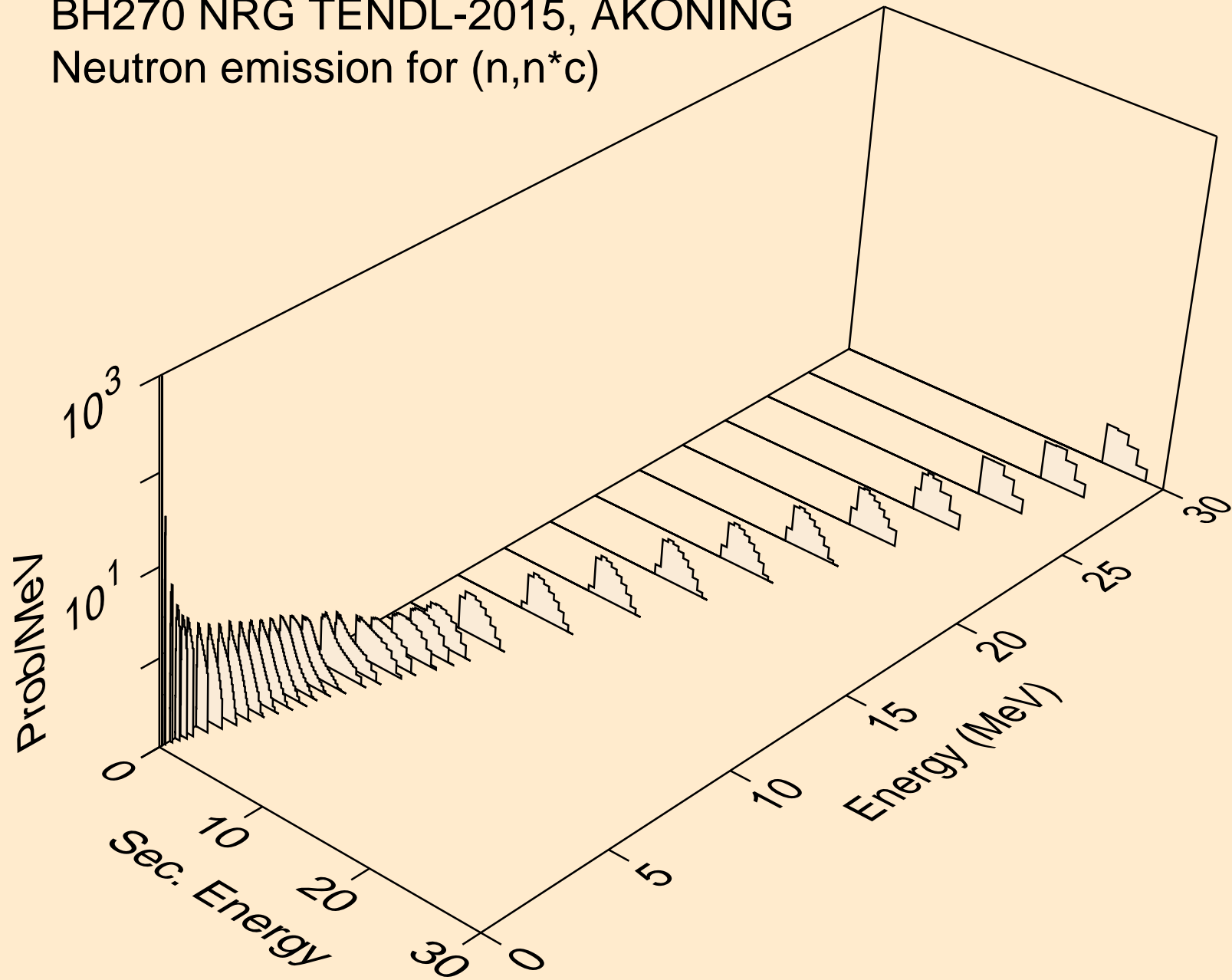
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



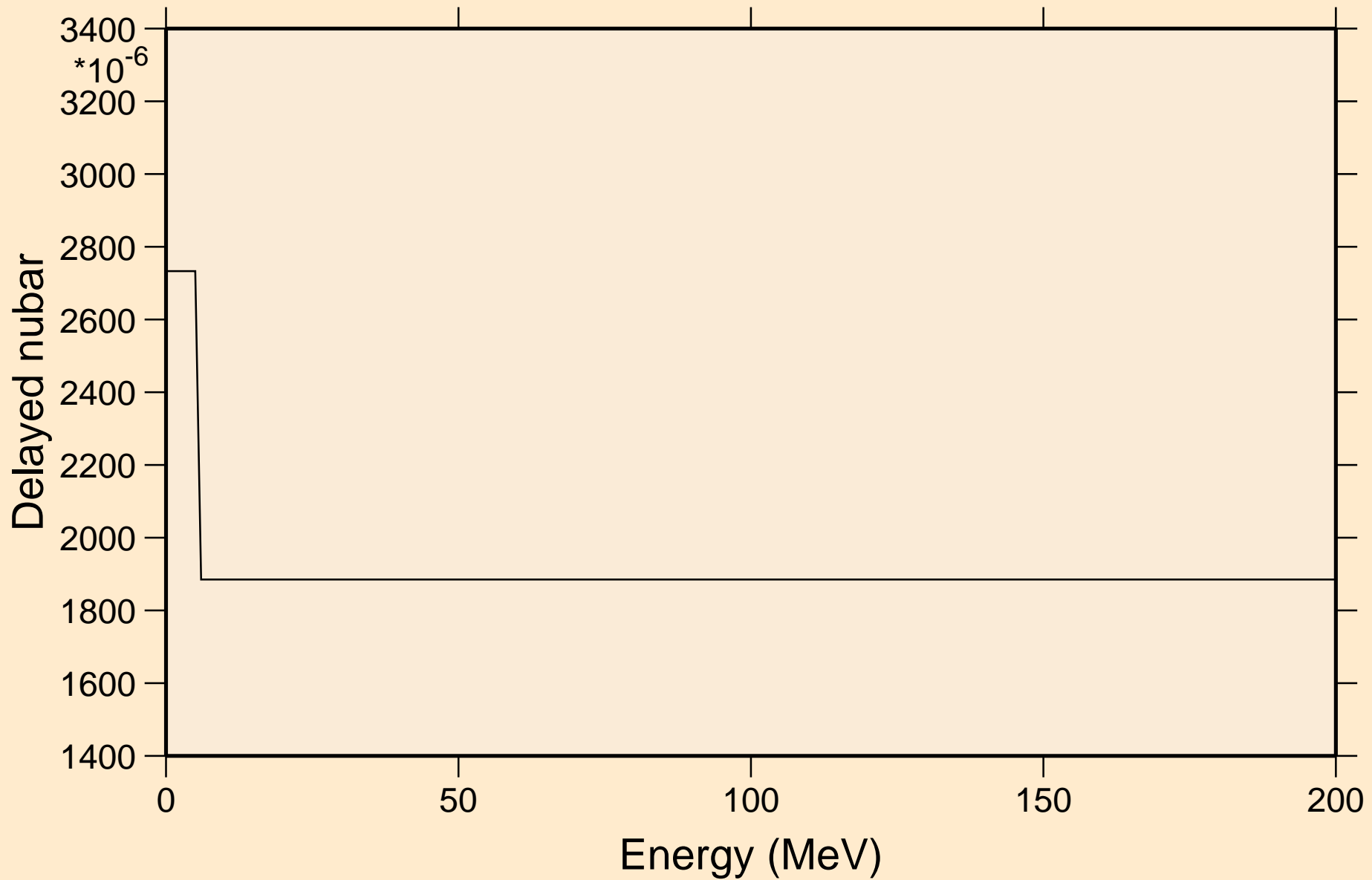
BH270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





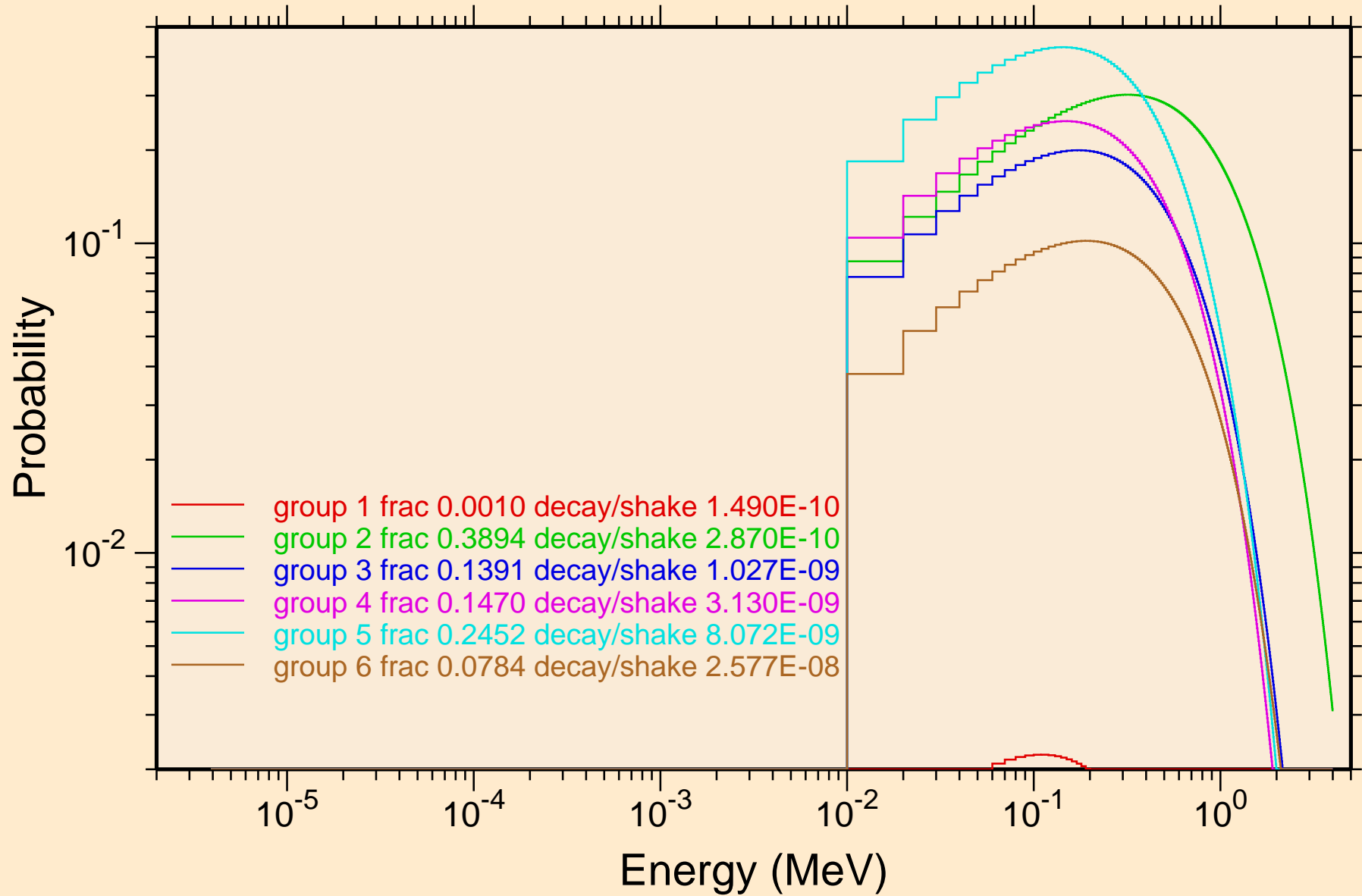
# BH270 NRG TENDL-2015, AKONING

## Delayed nubar

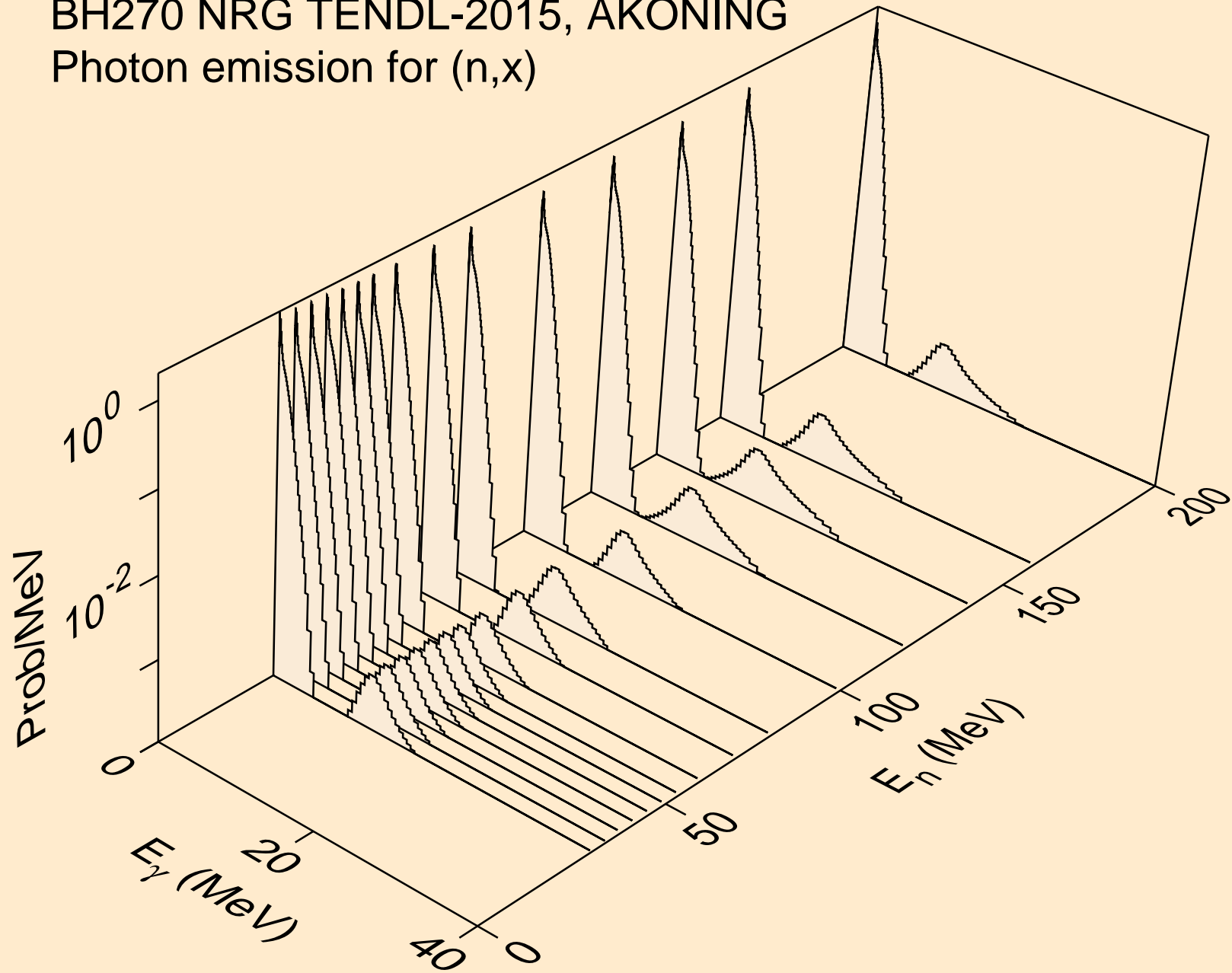


# BH270 NRG TENDL-2015, AKONING

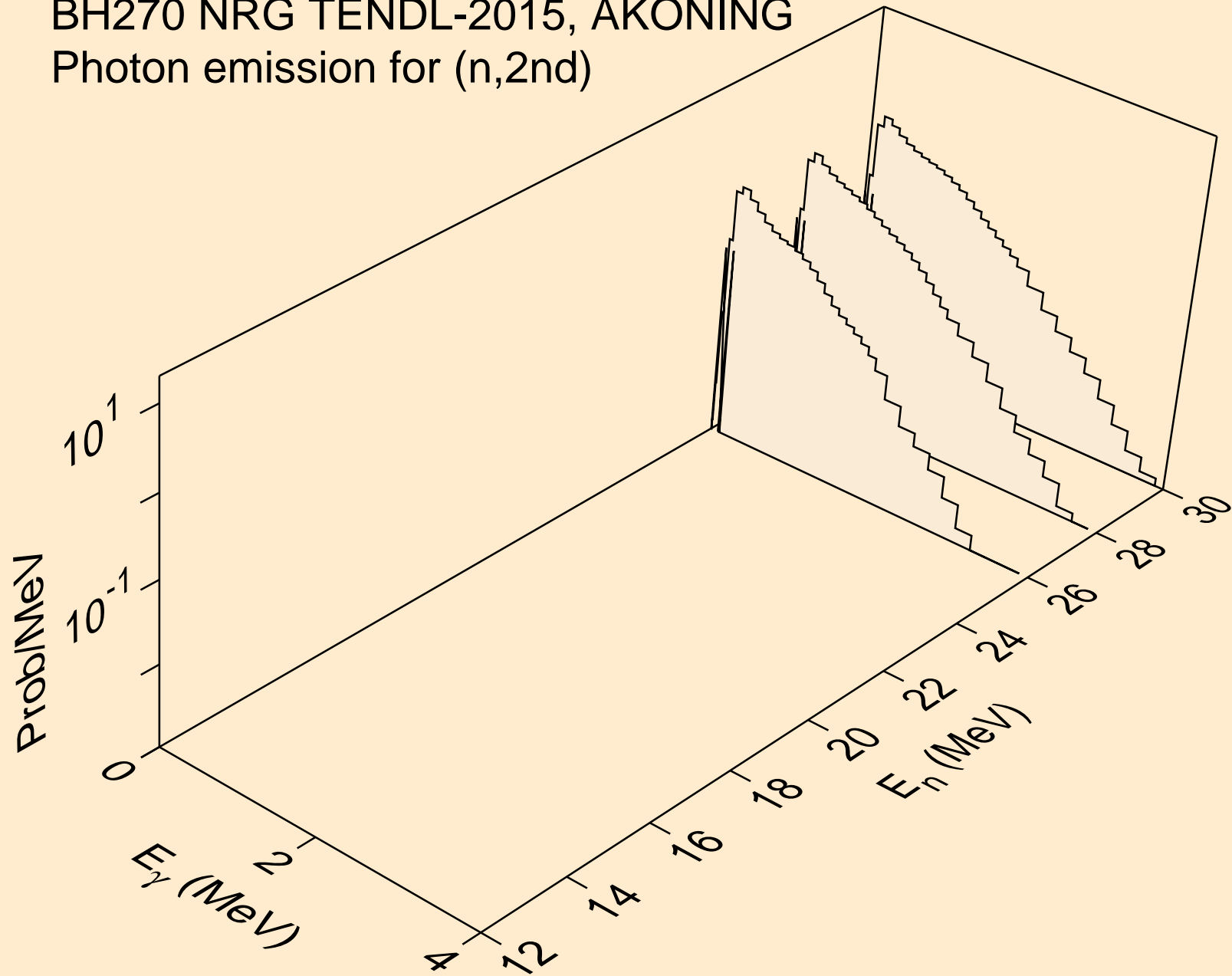
## Delayed neutron spectra



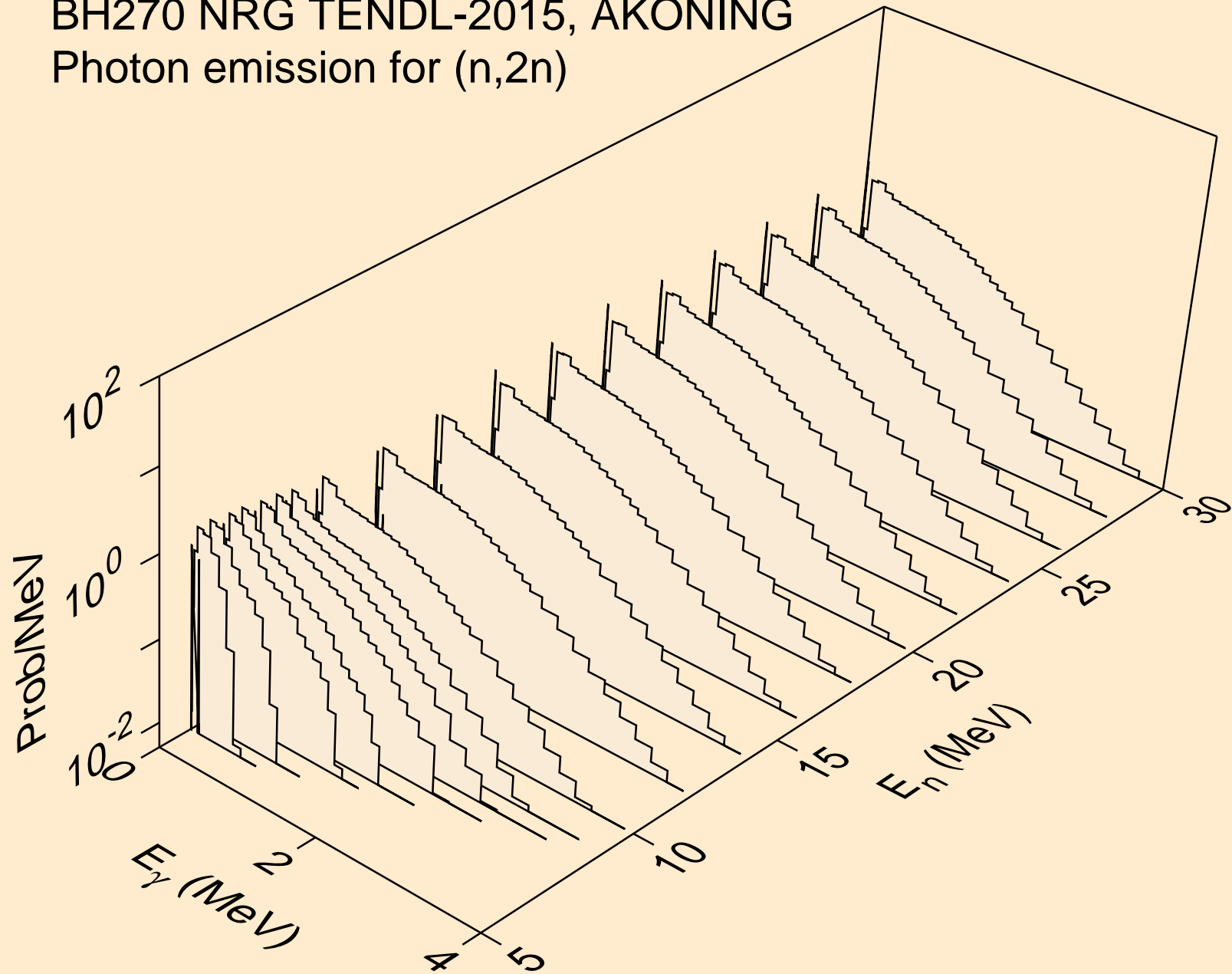
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



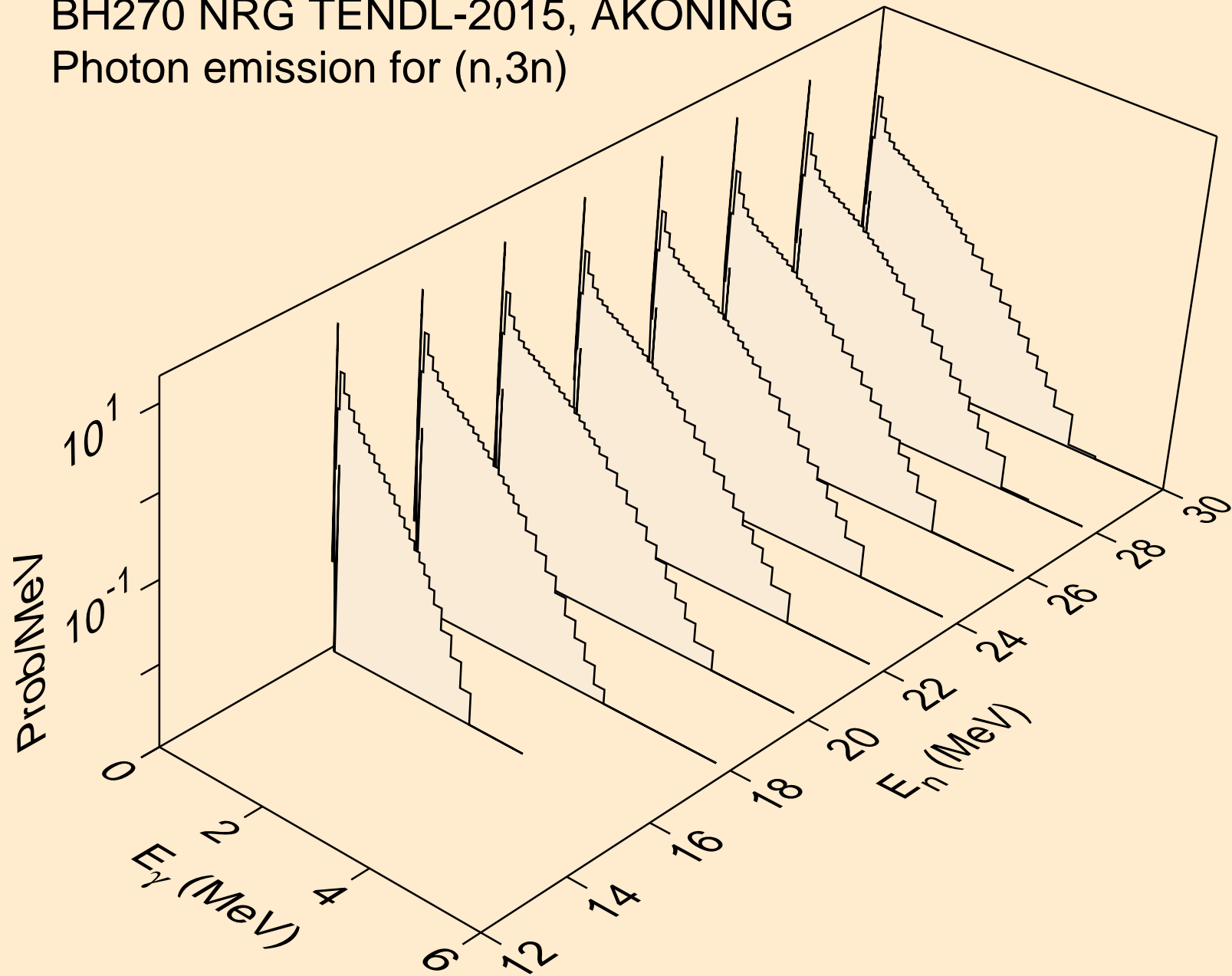
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



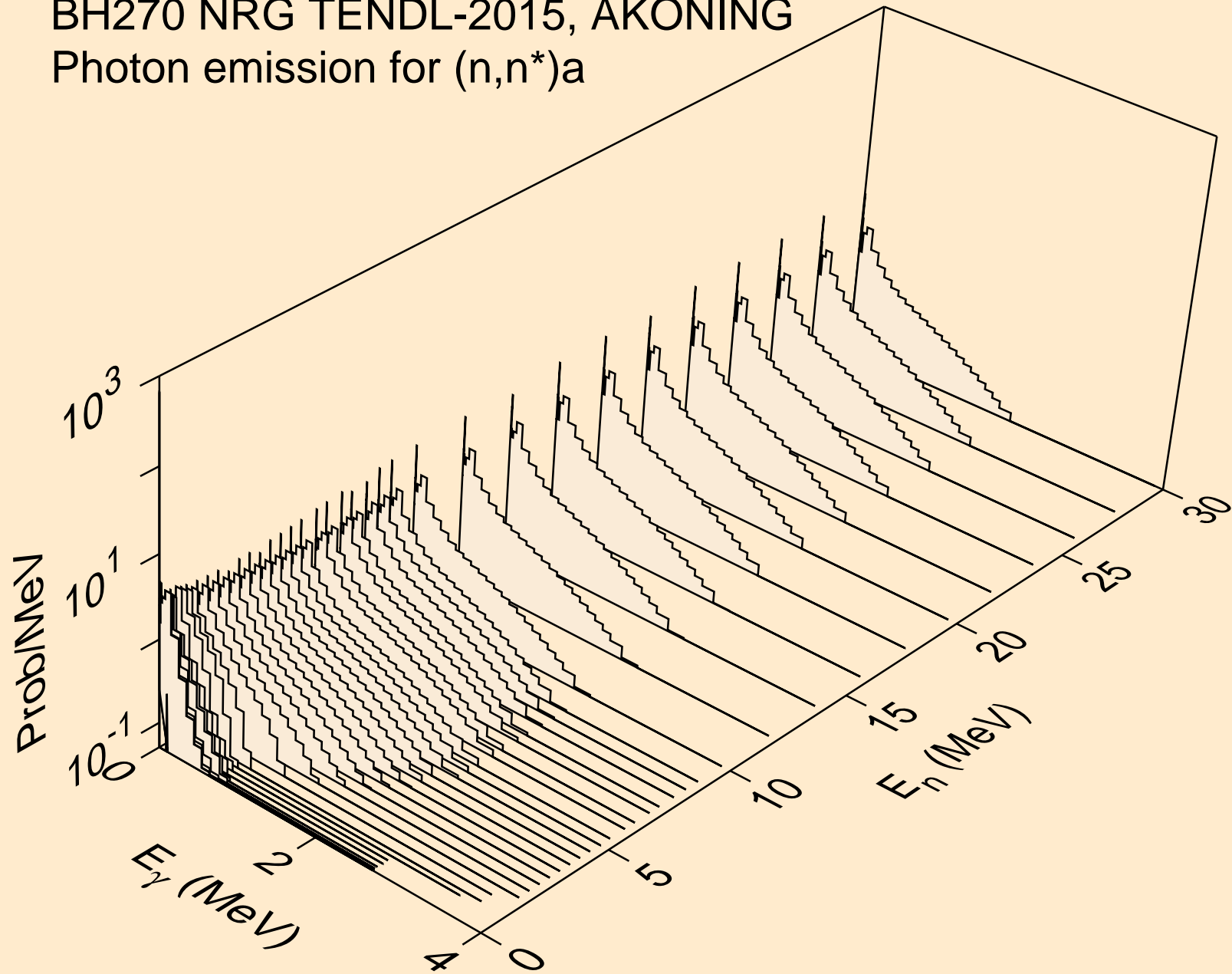
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



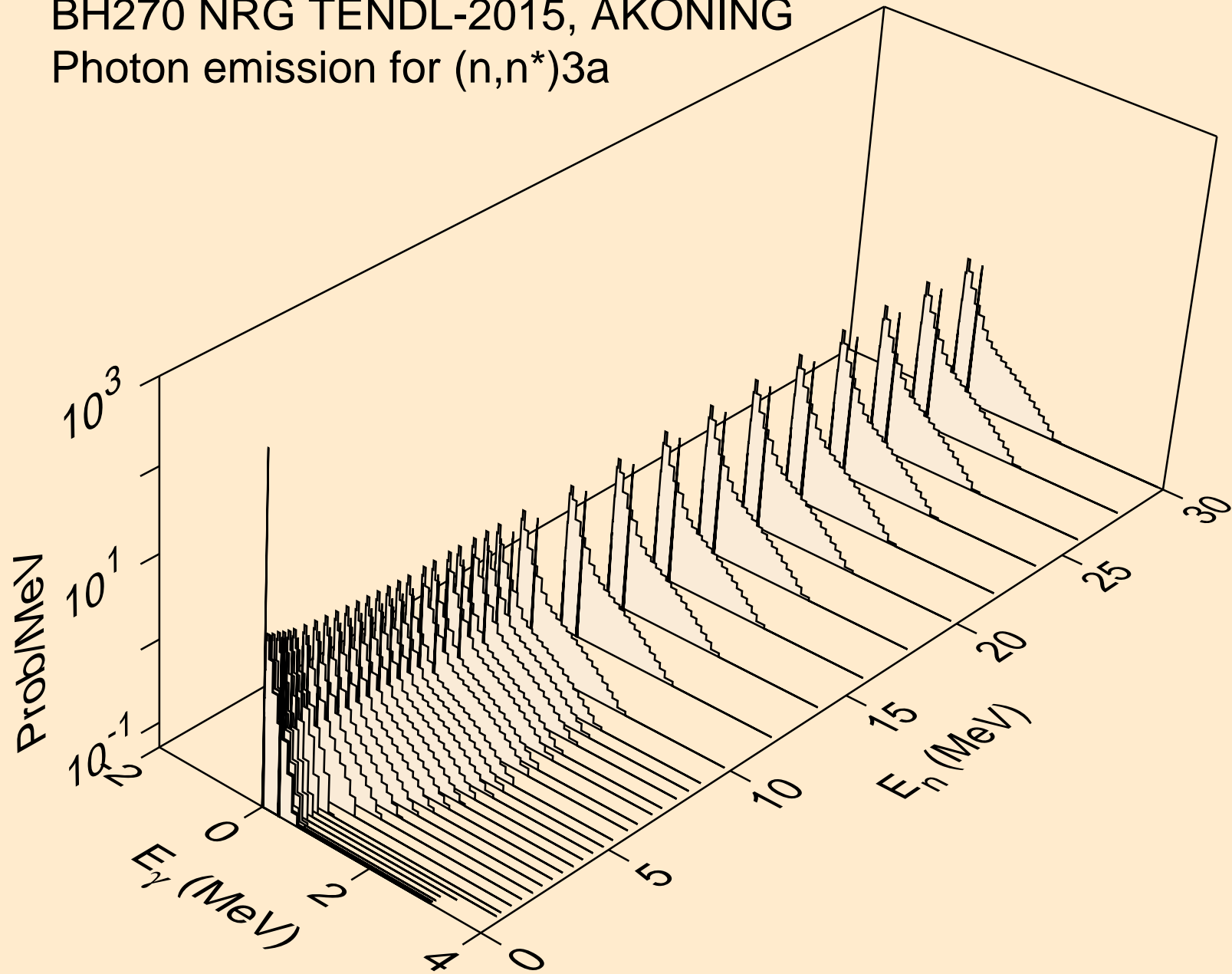
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

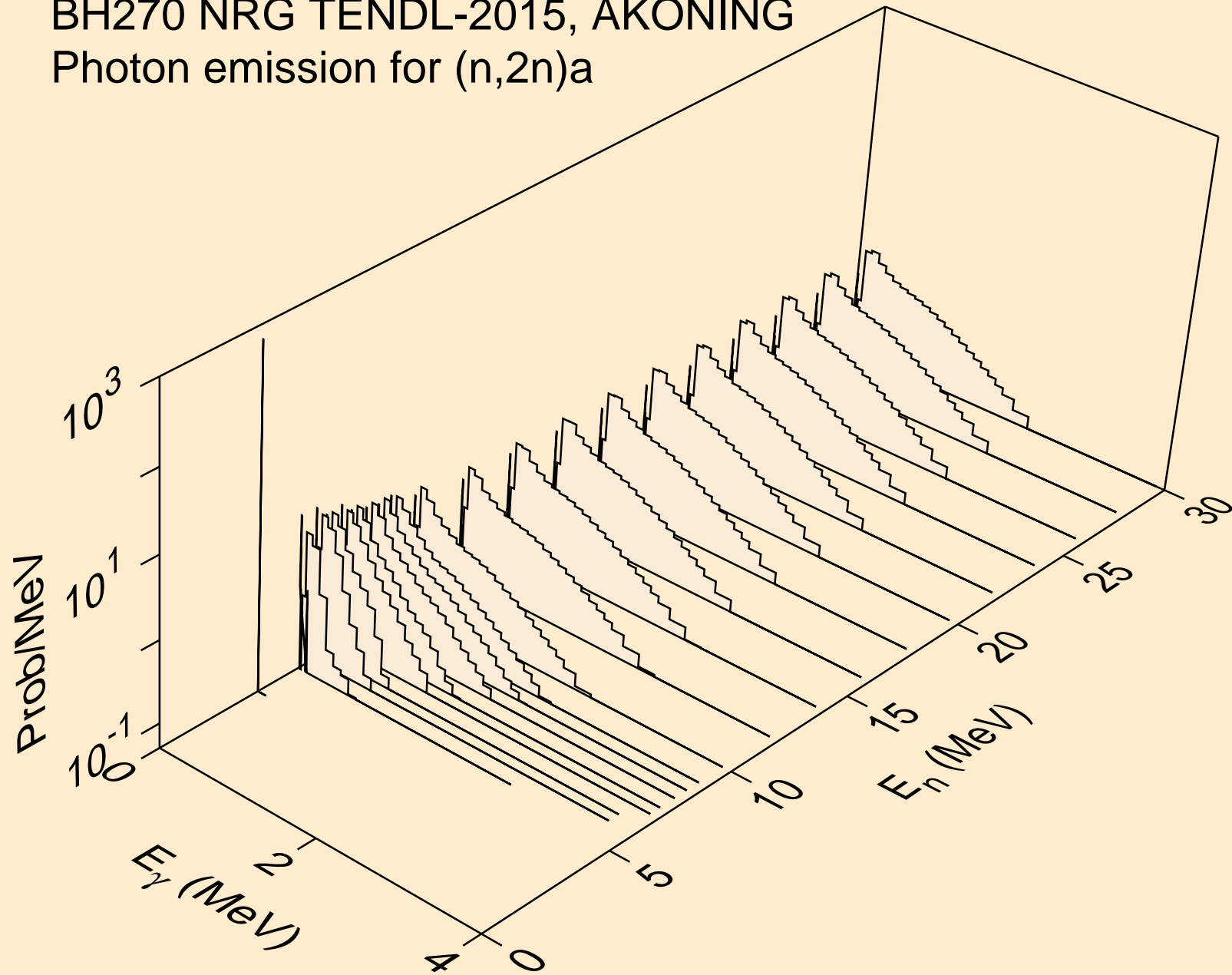


BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

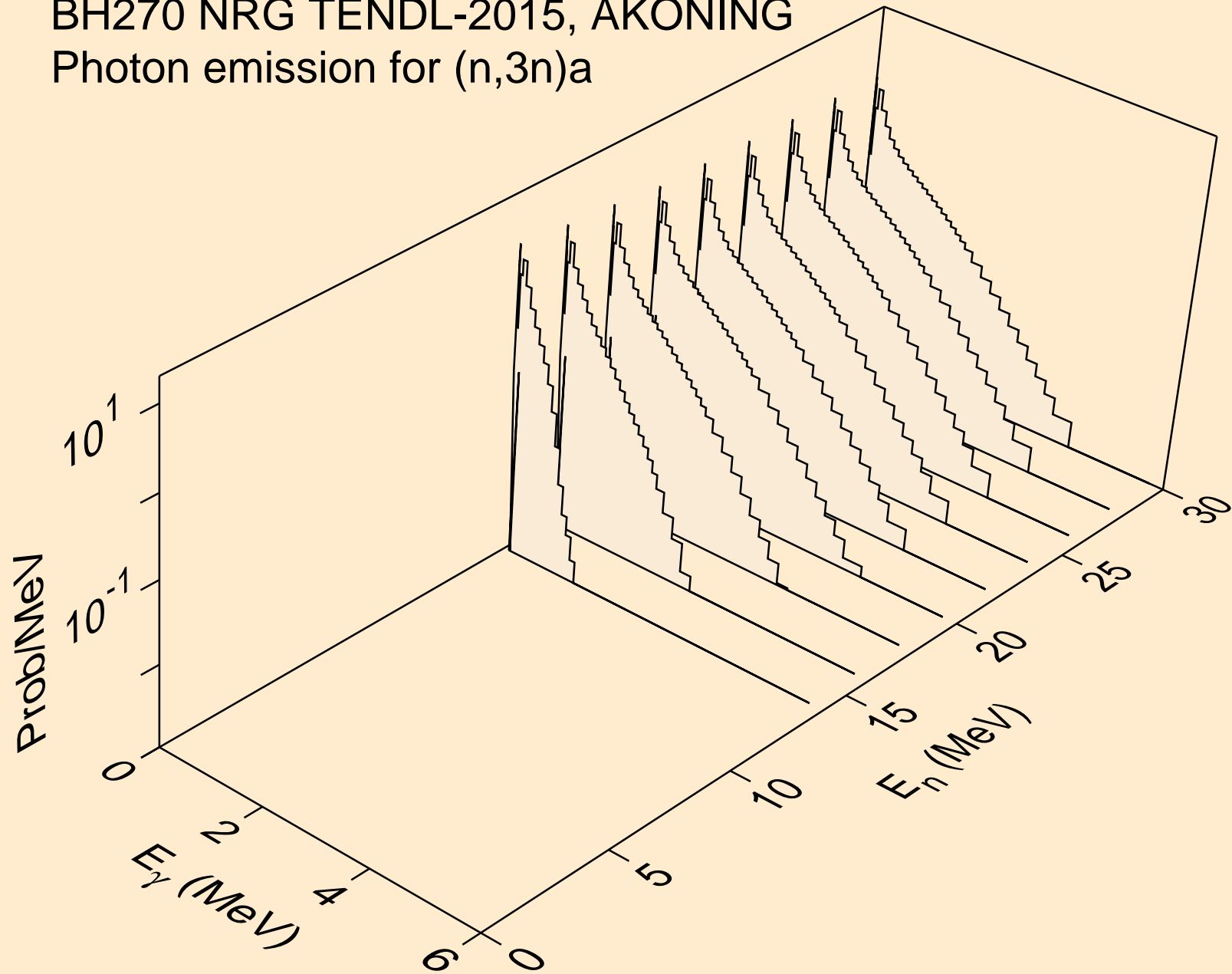




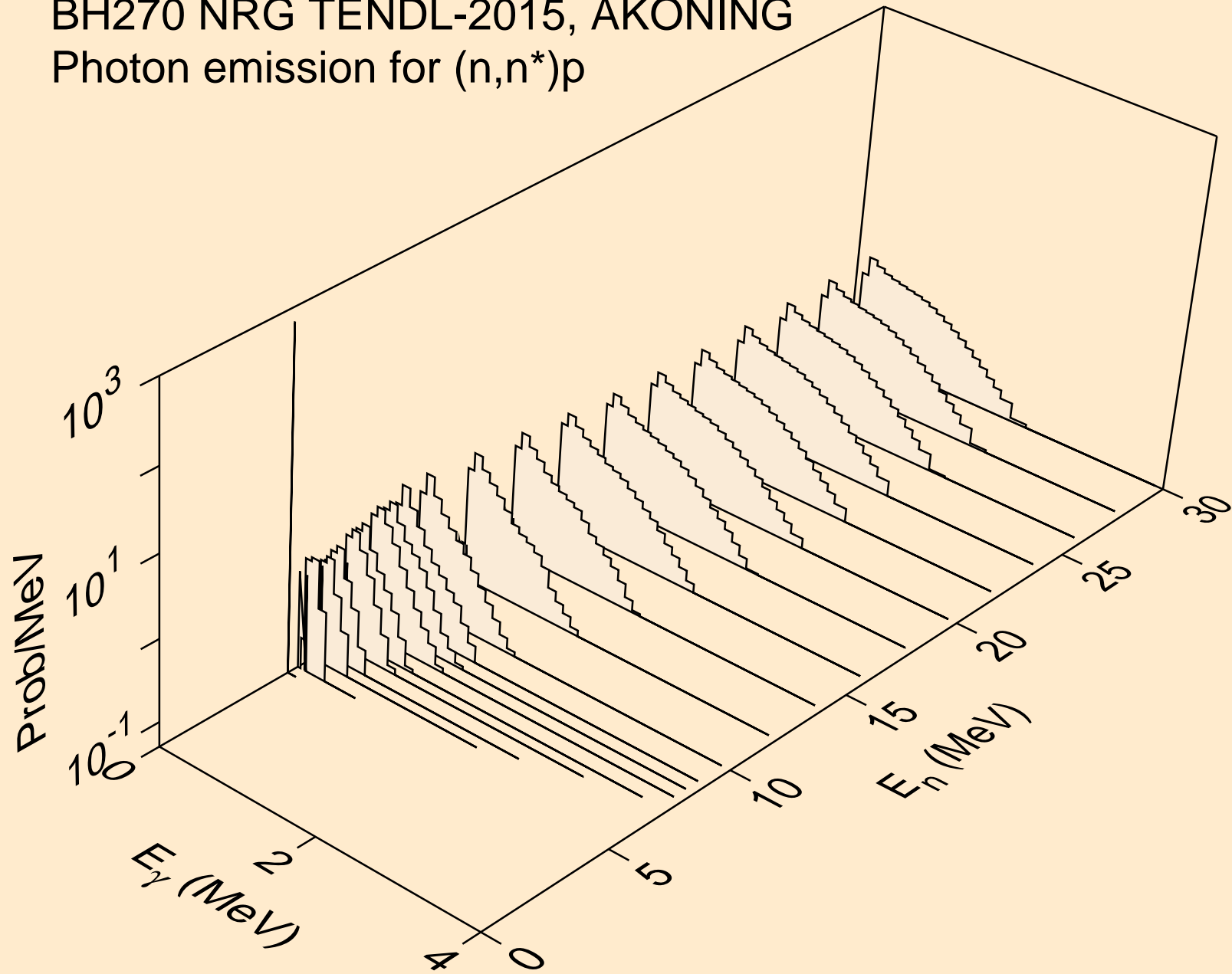
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



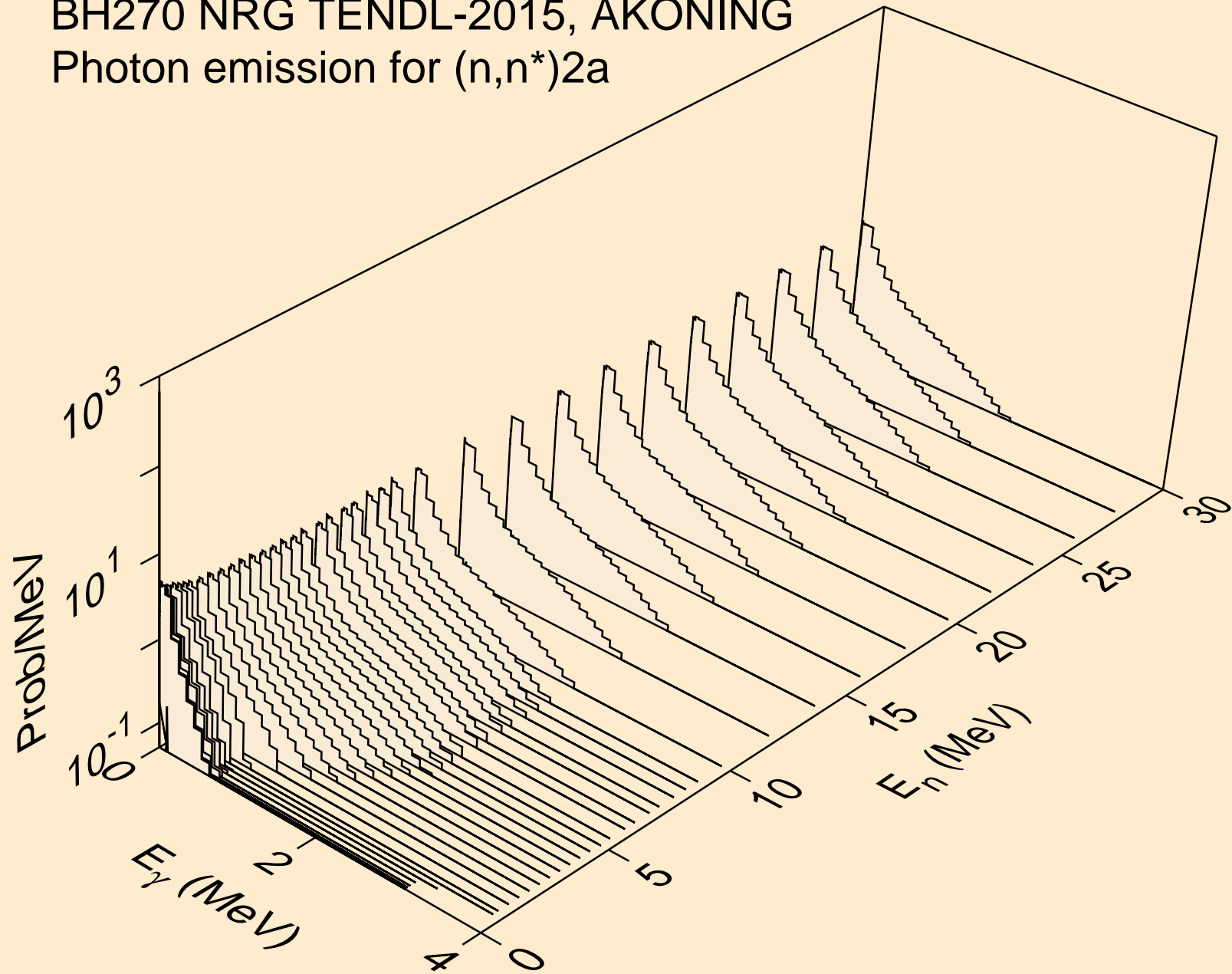
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



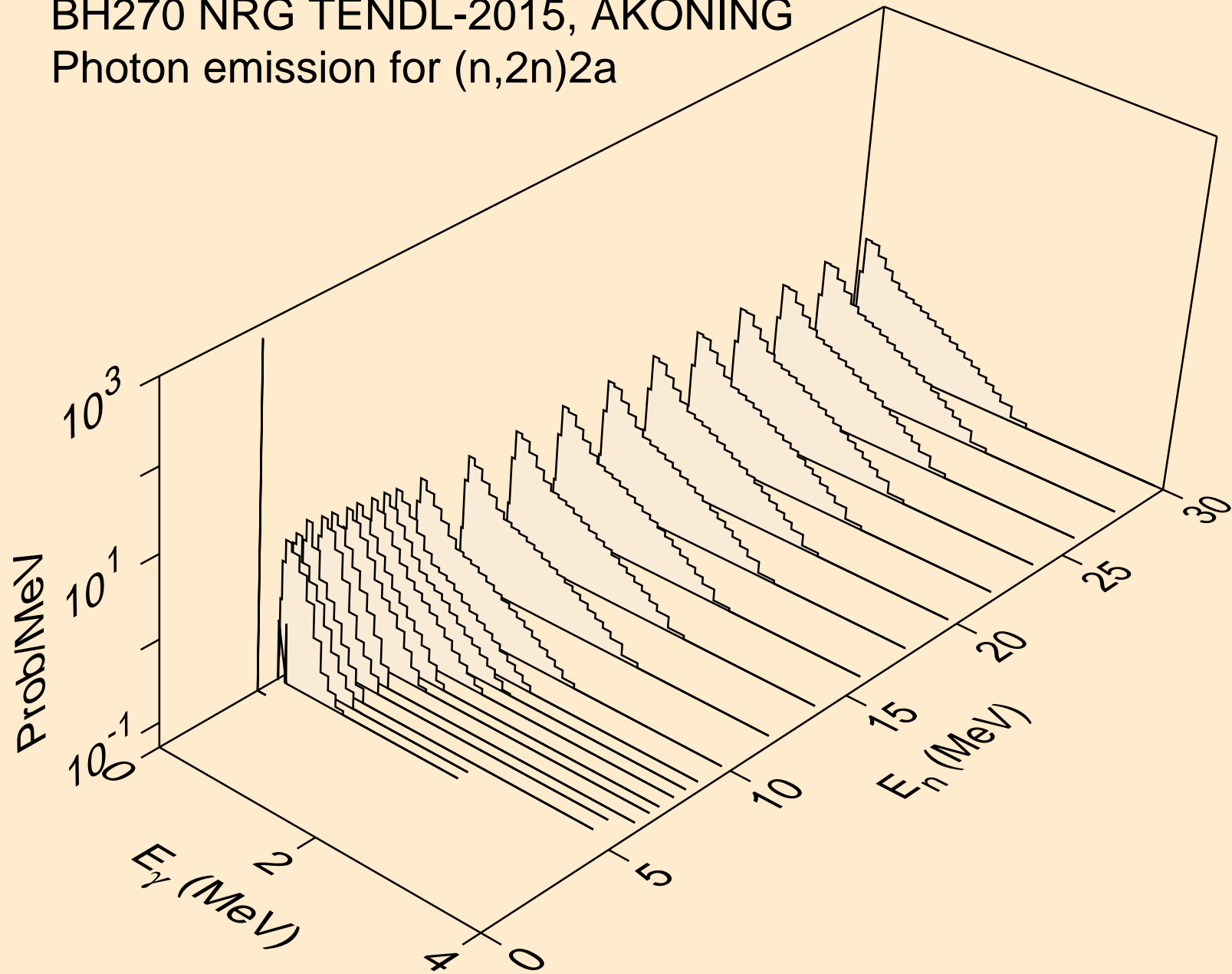
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



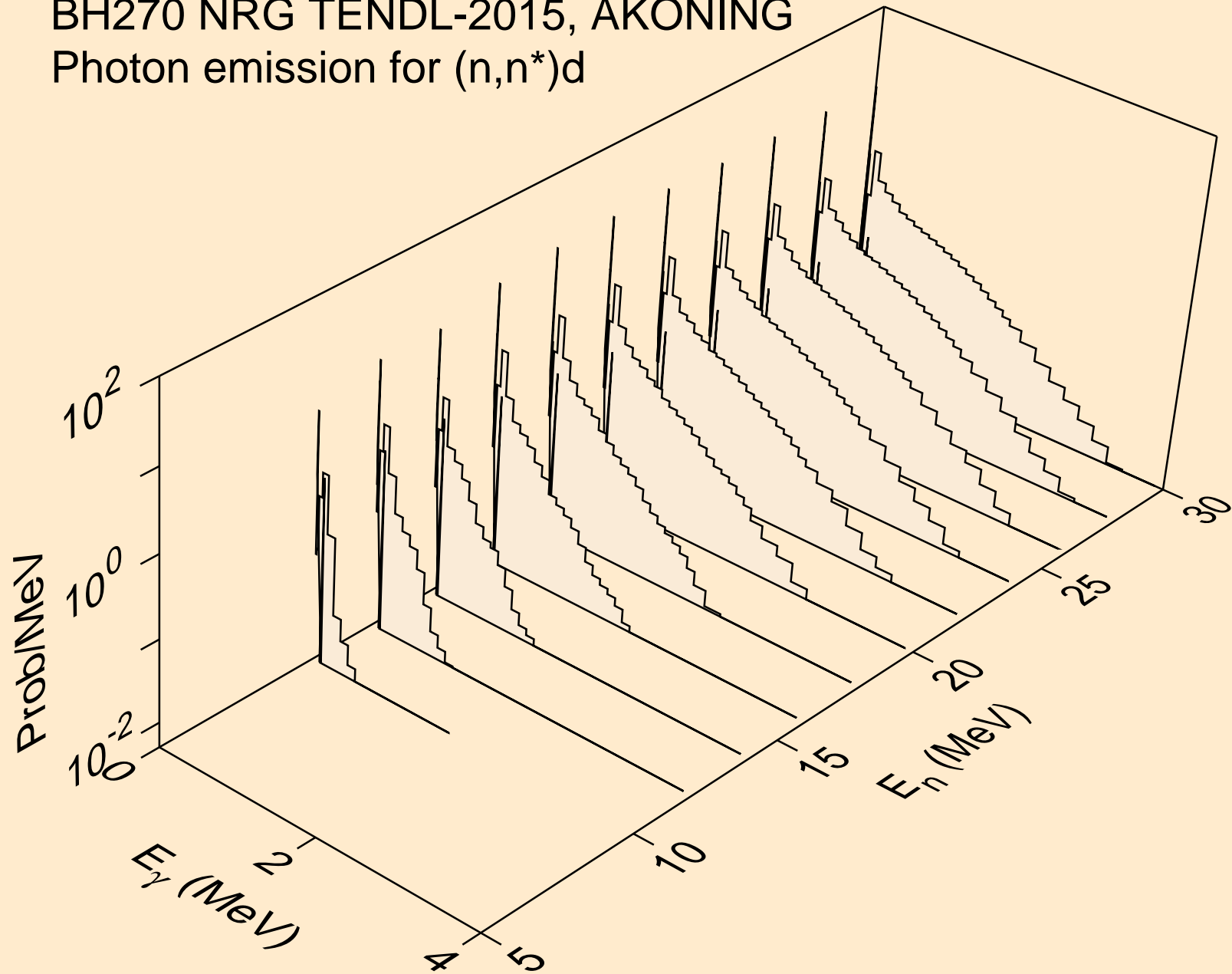
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



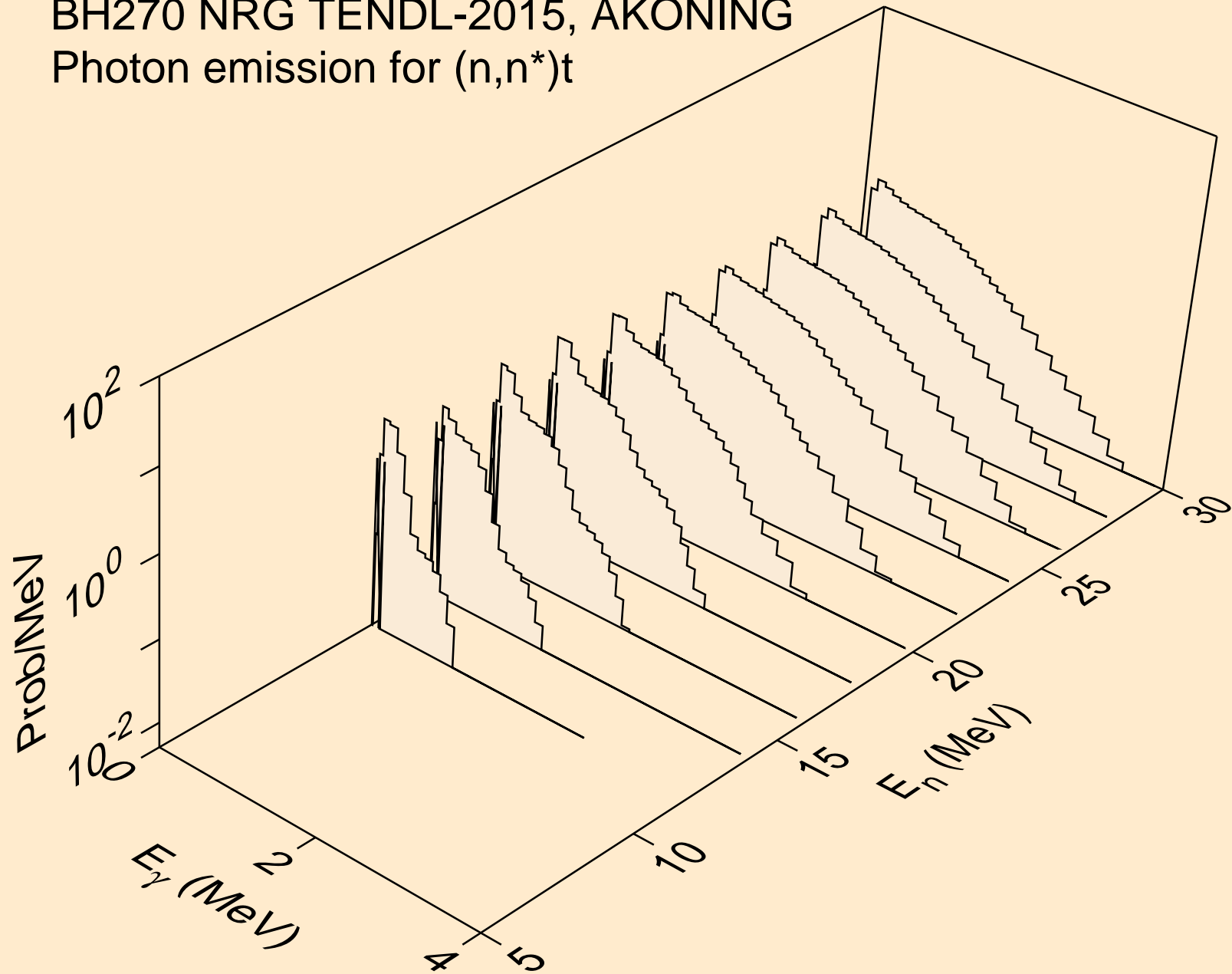
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



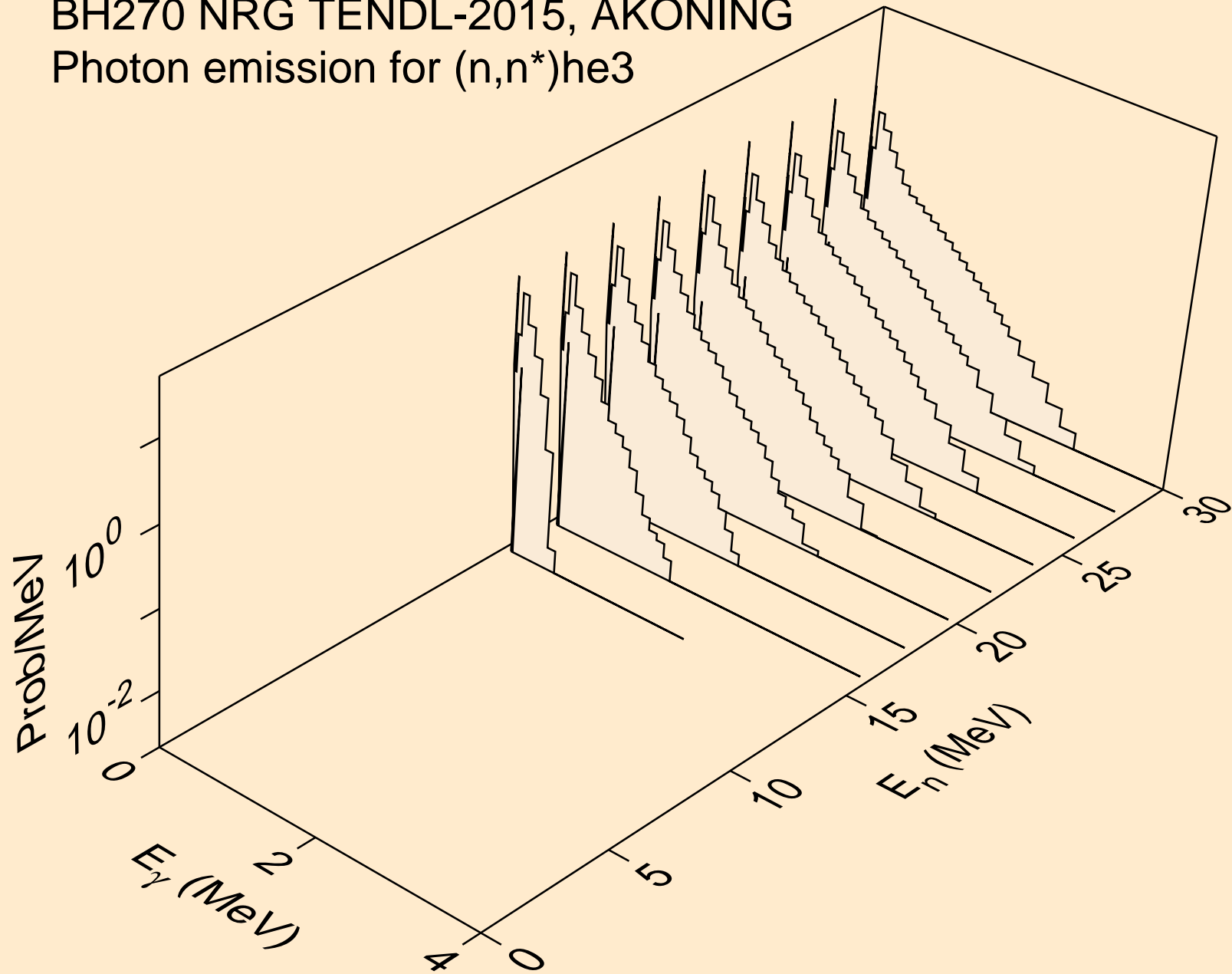
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

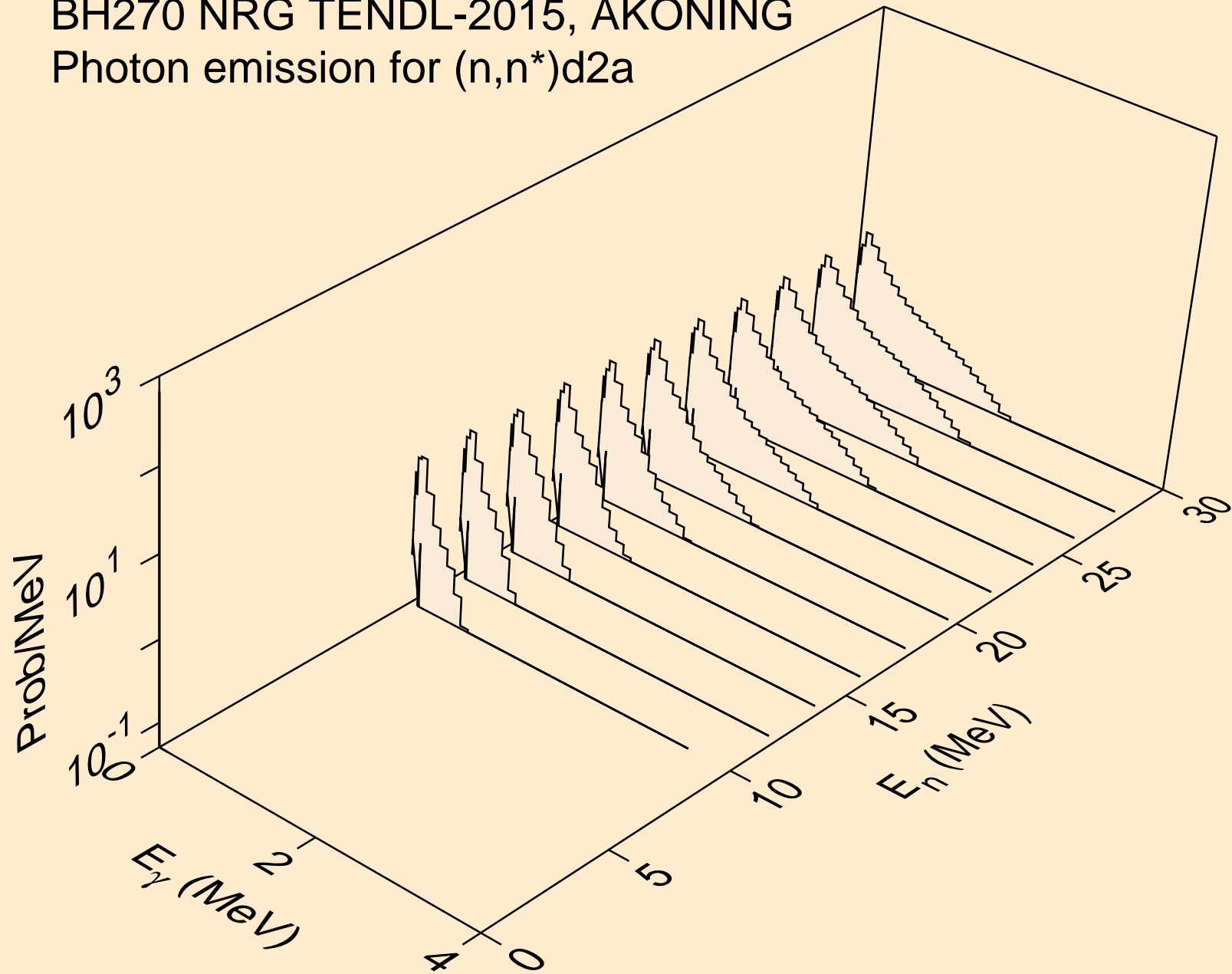


BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

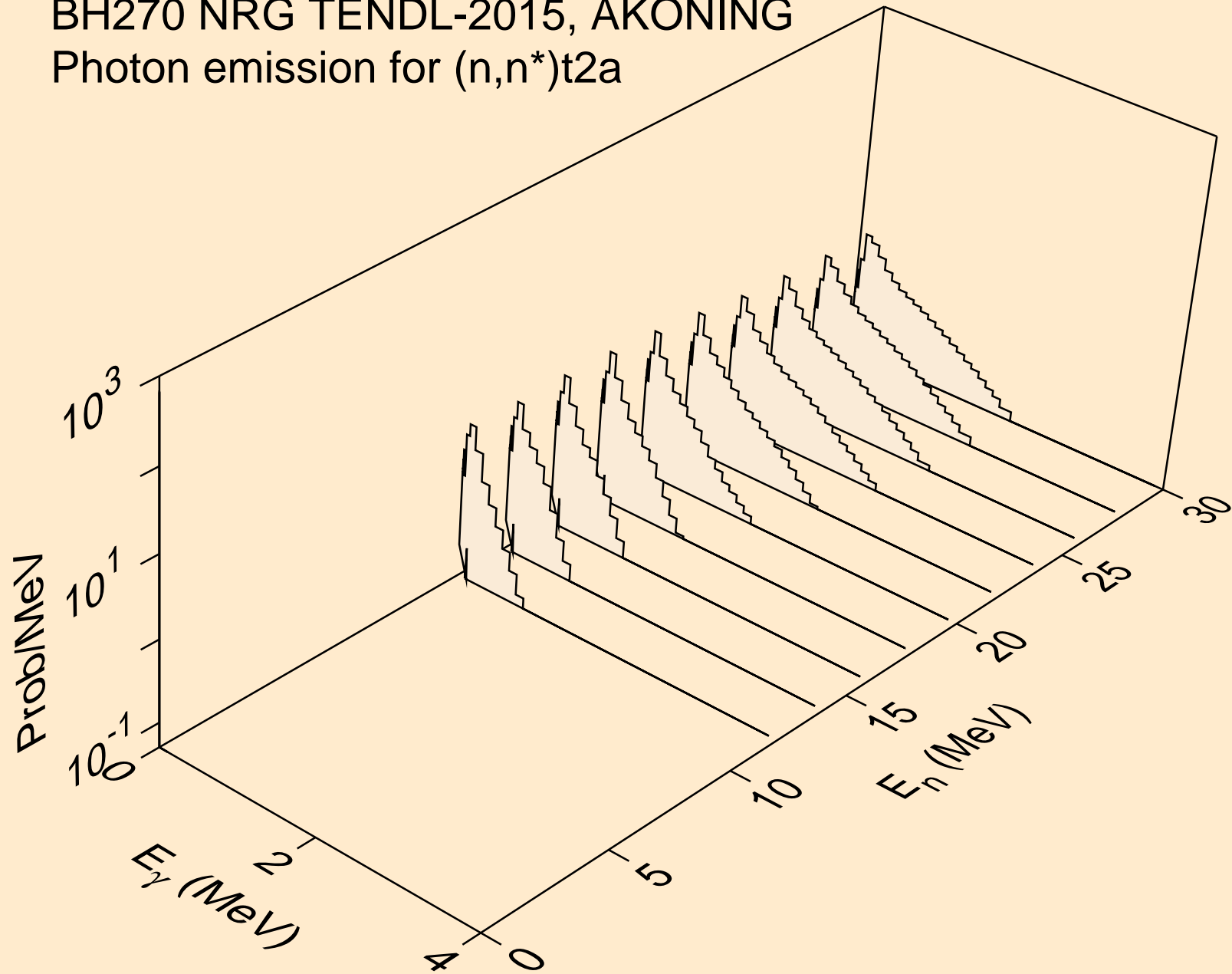




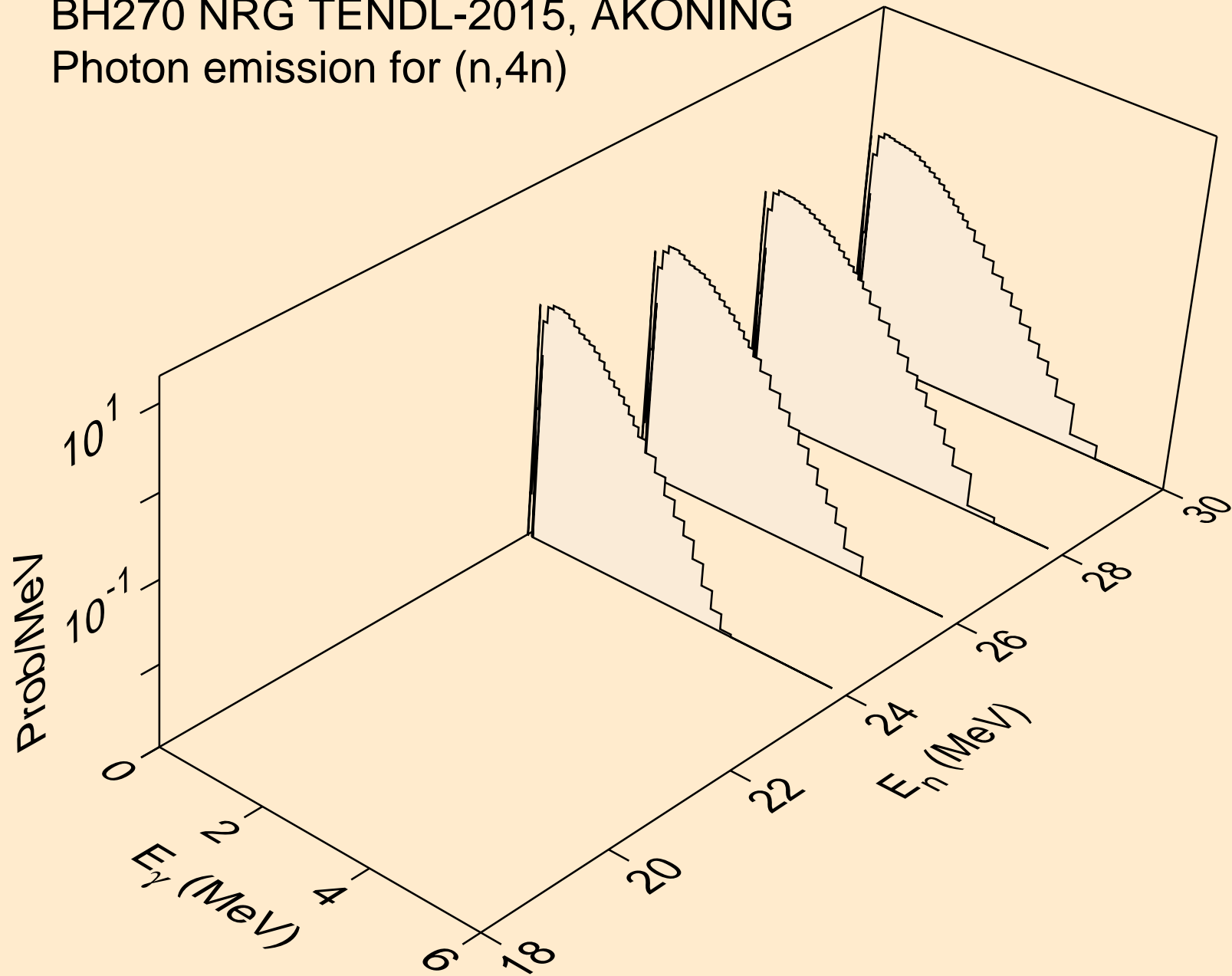
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



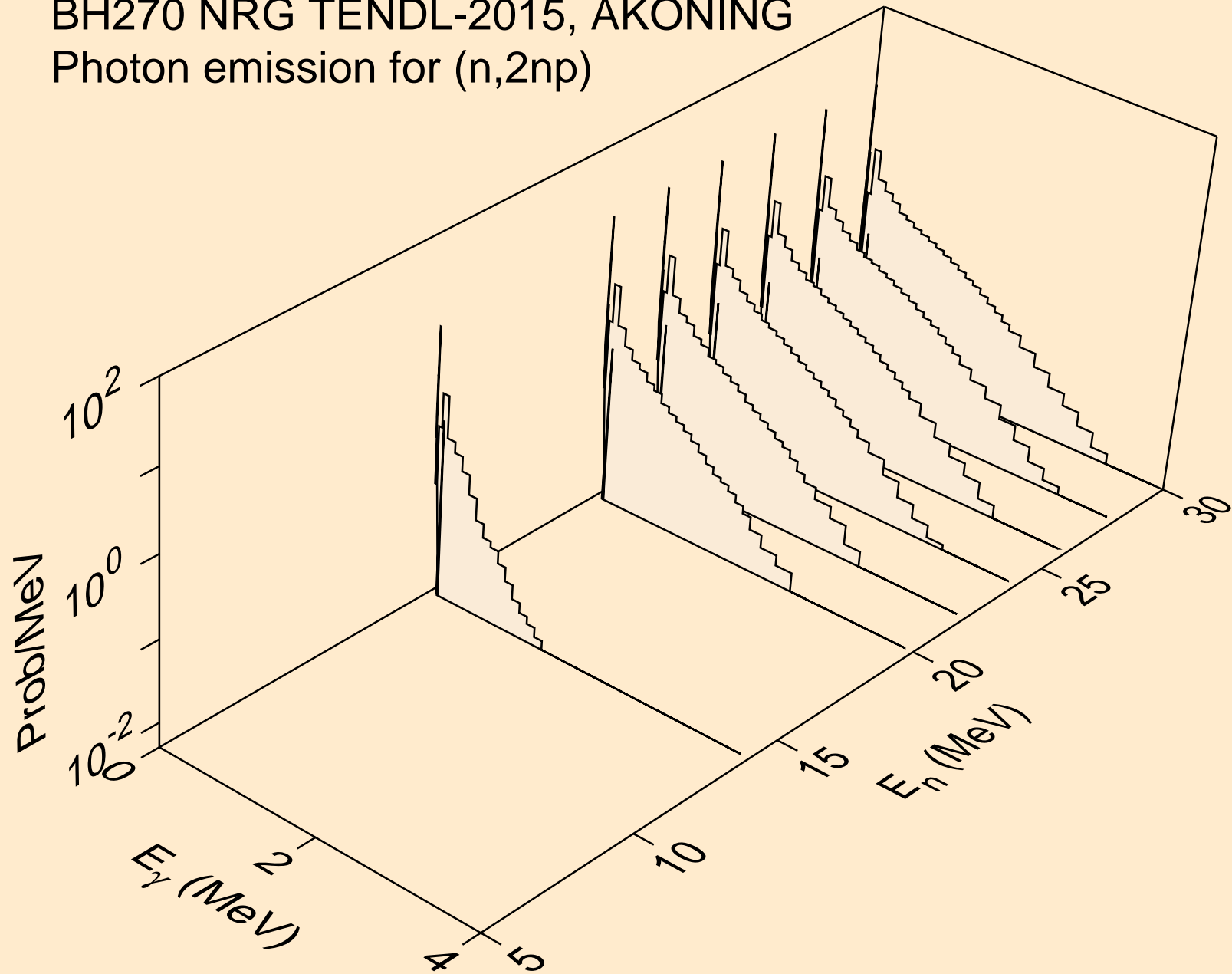
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



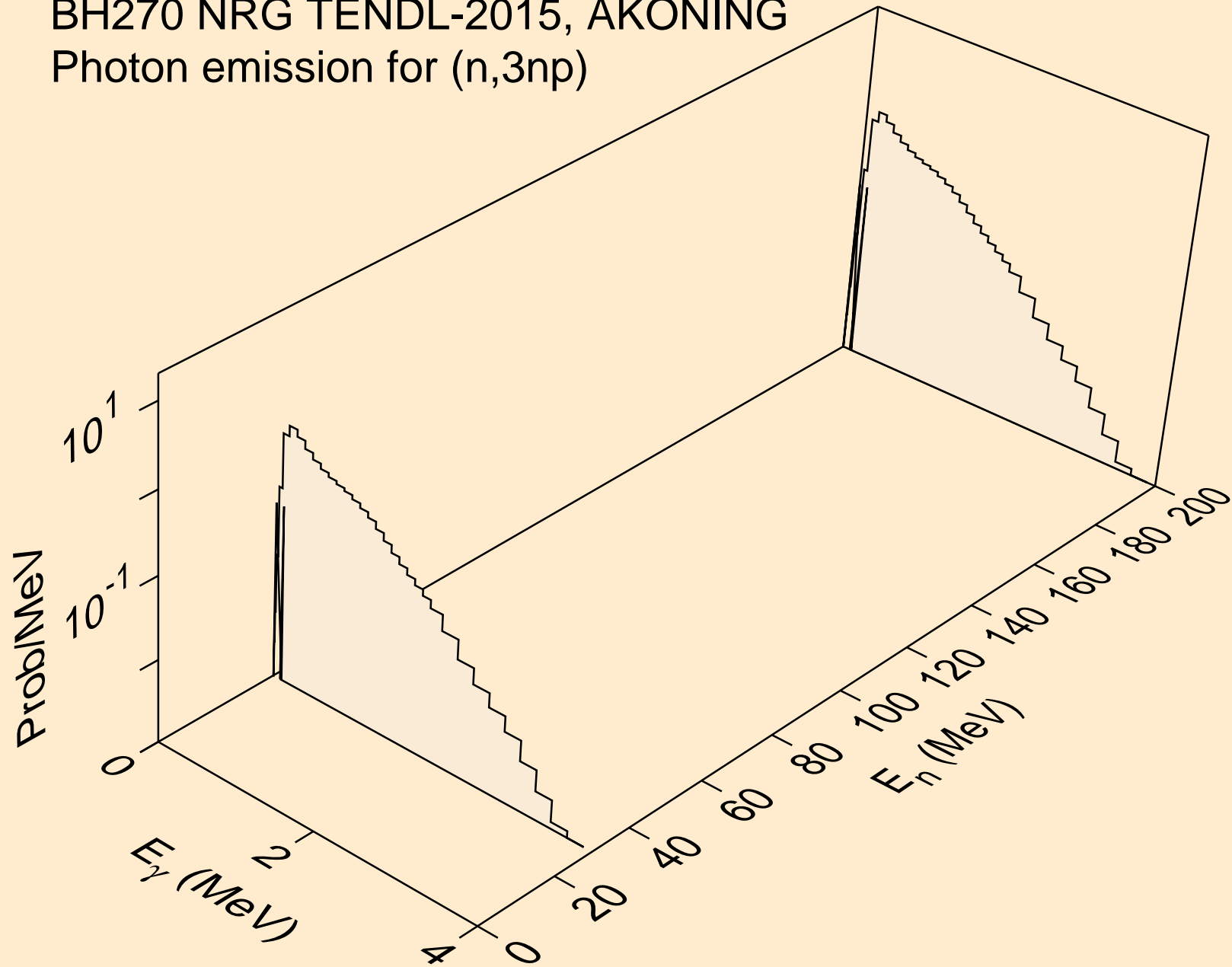
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



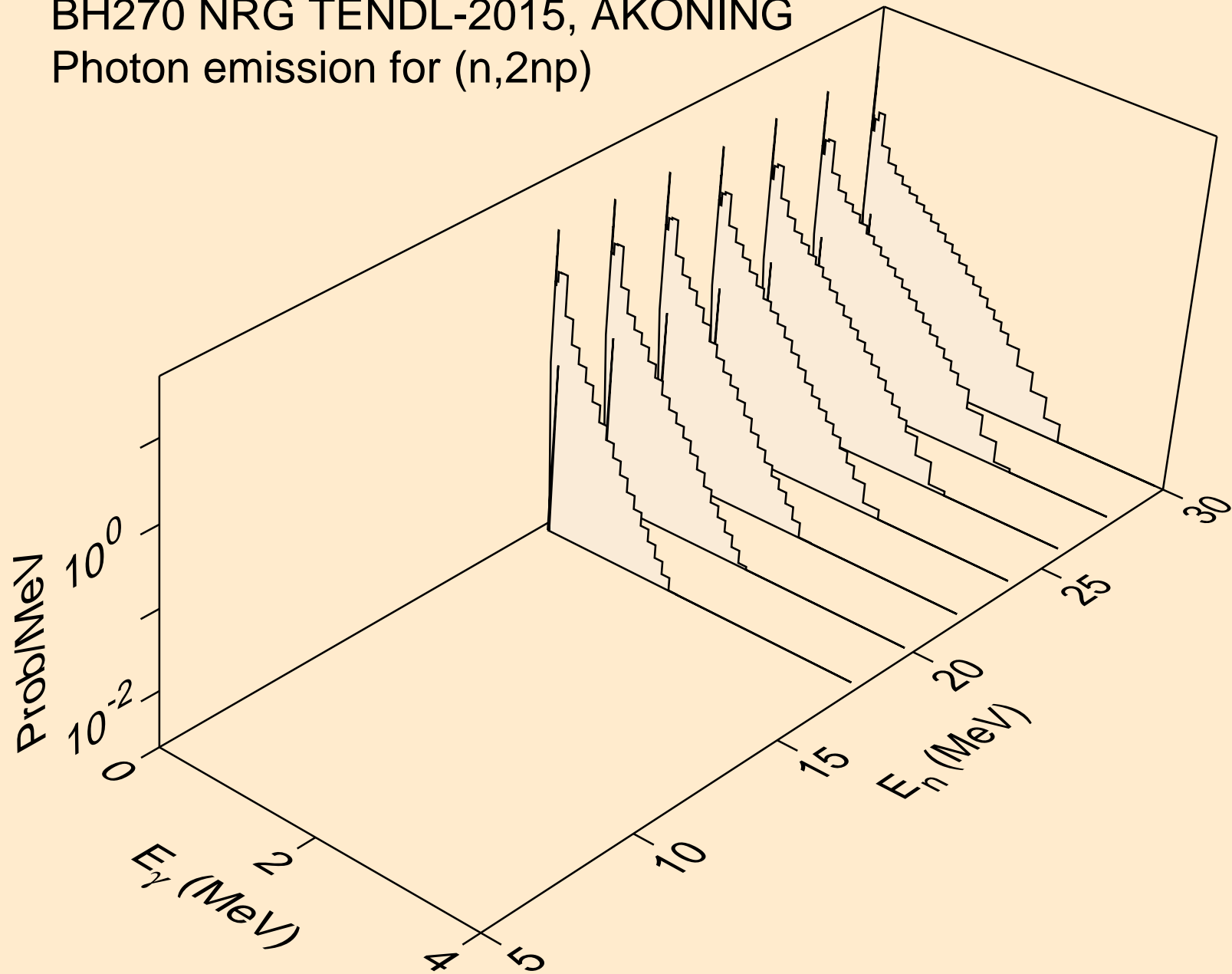
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



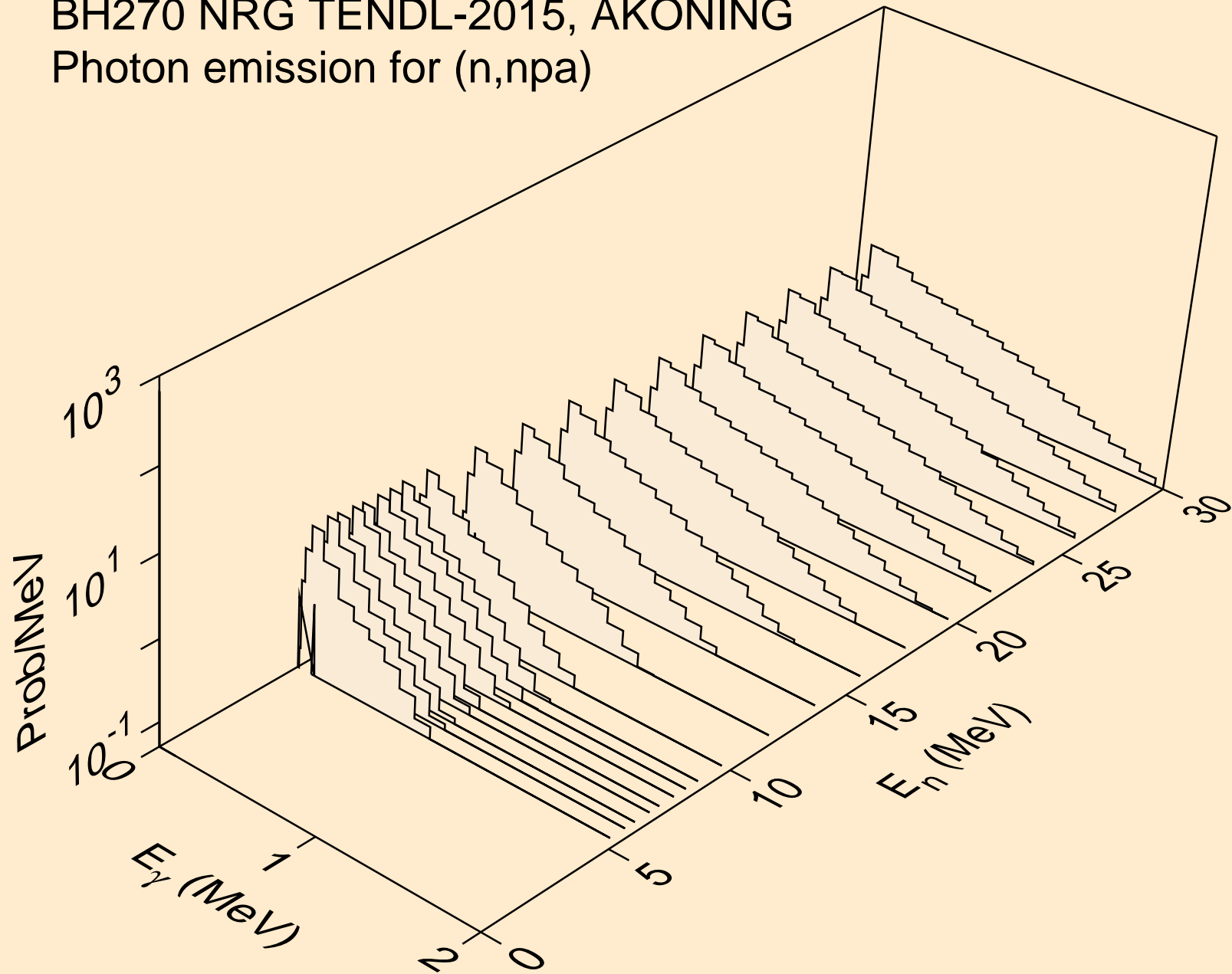
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



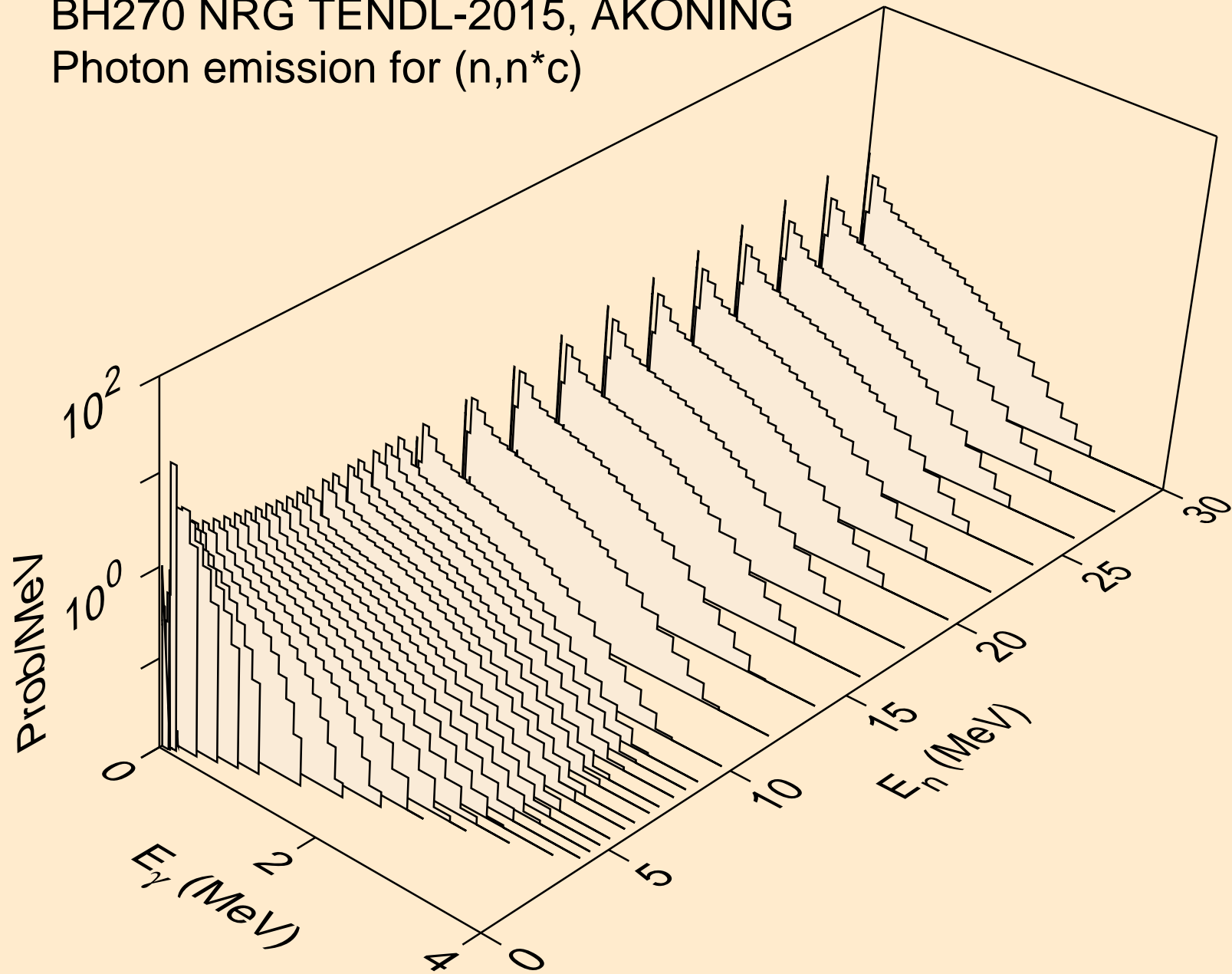
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

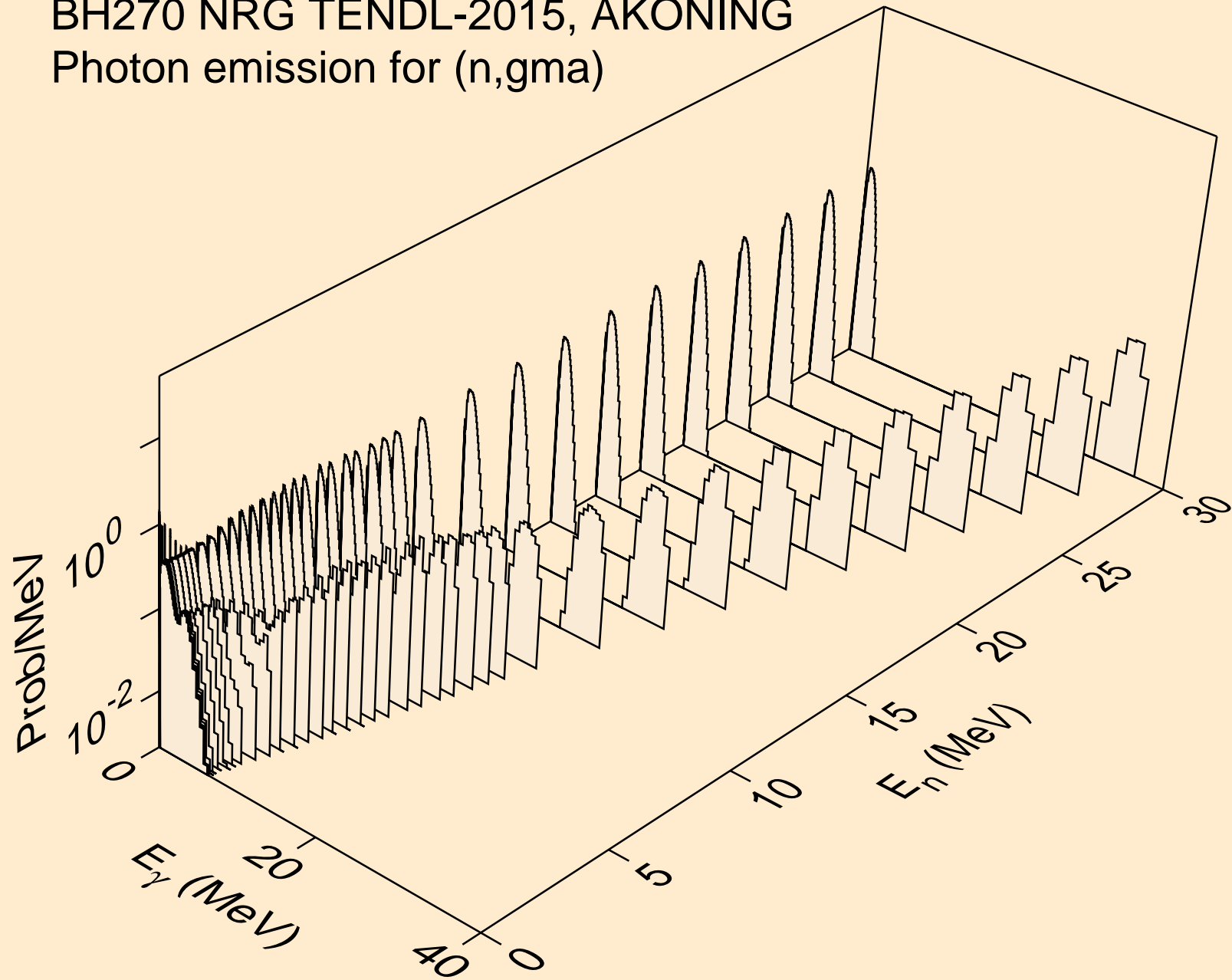


BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

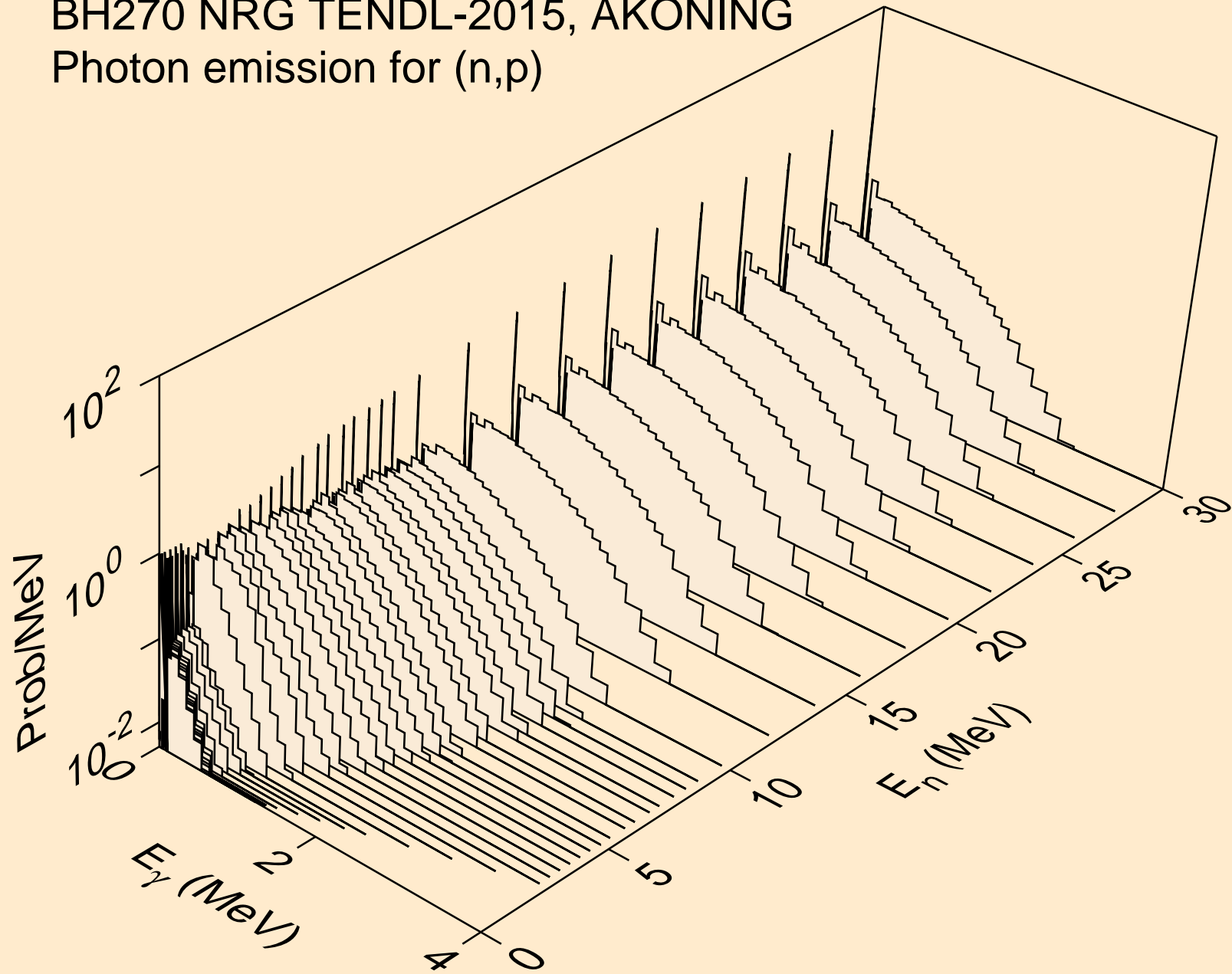




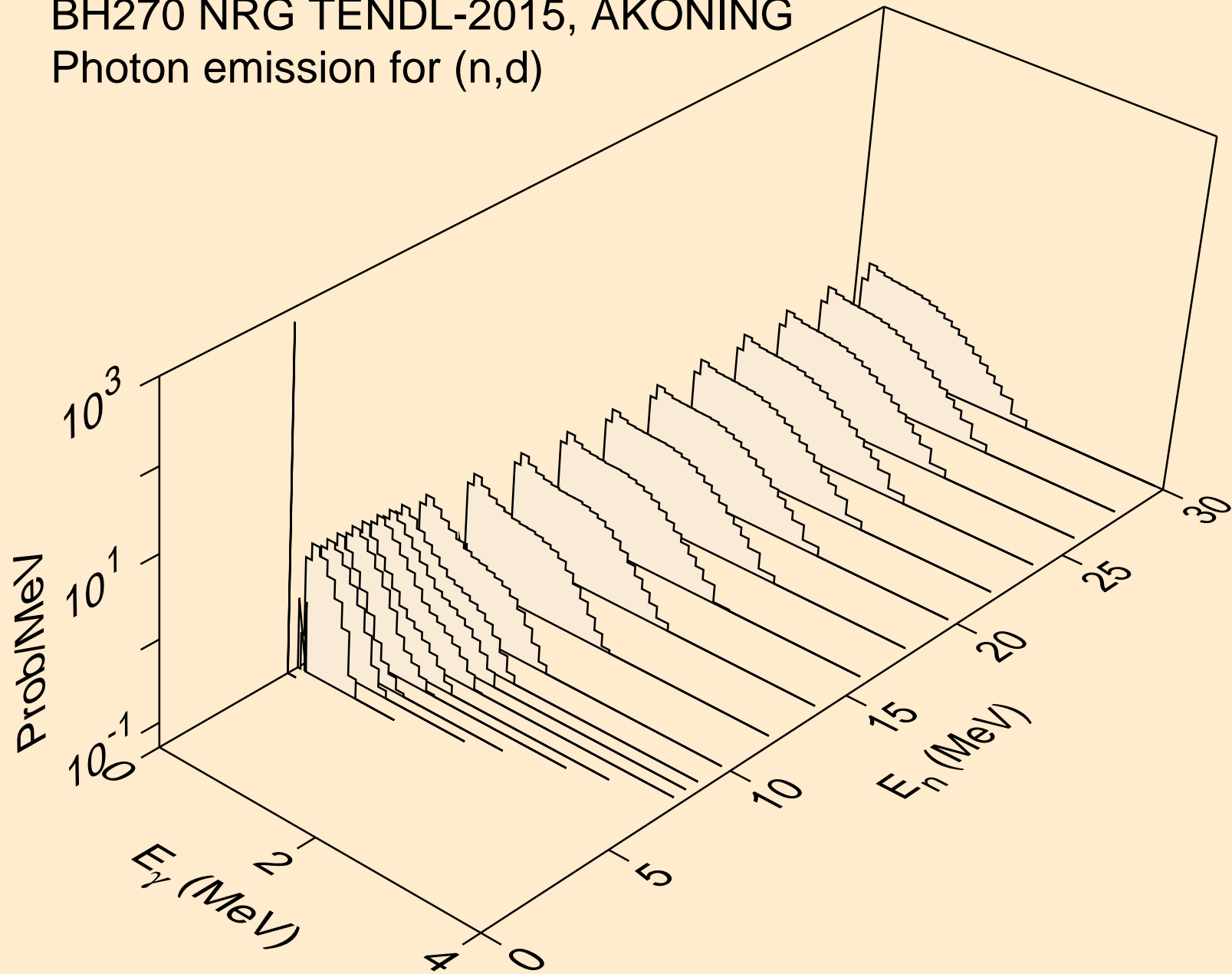
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



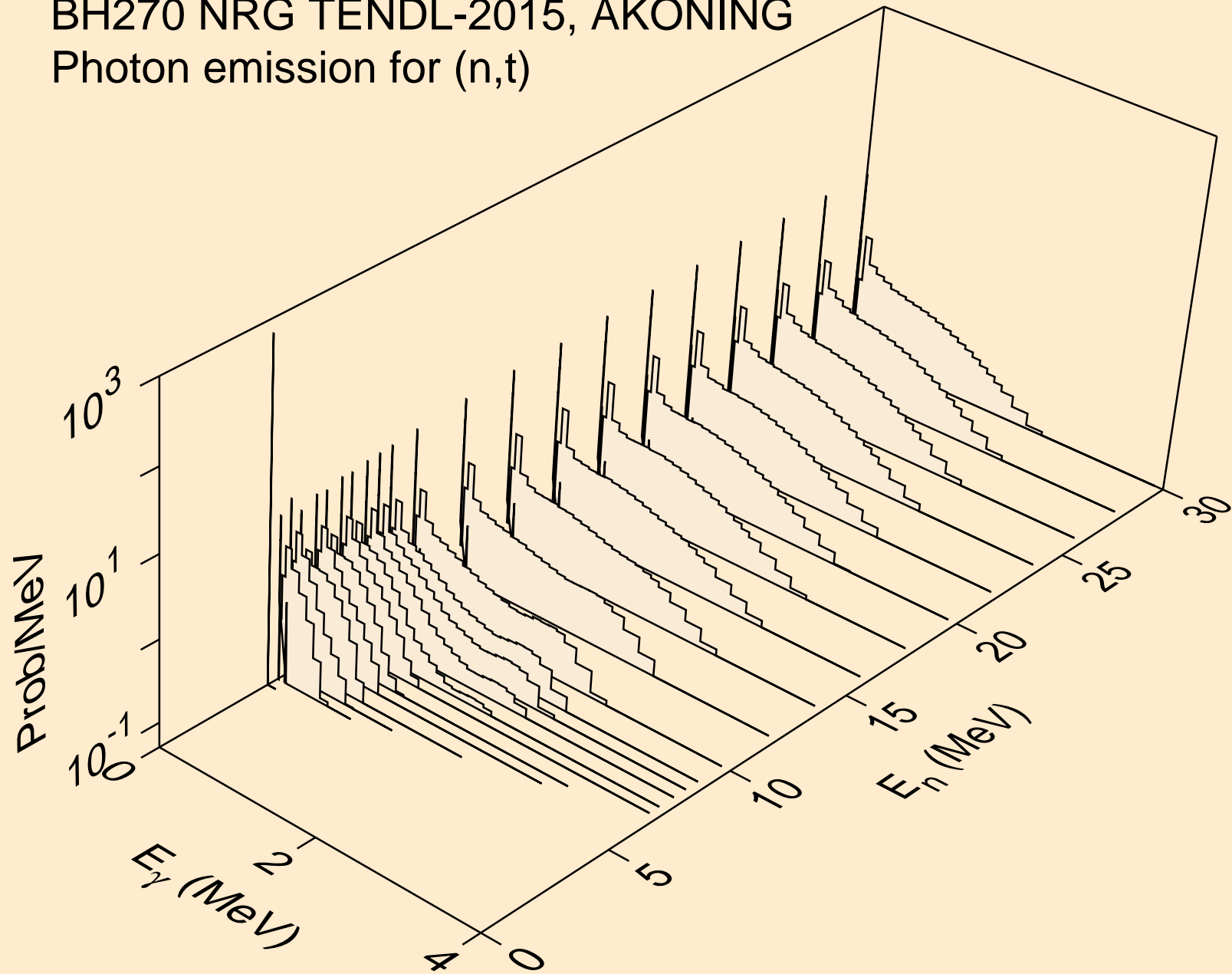
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



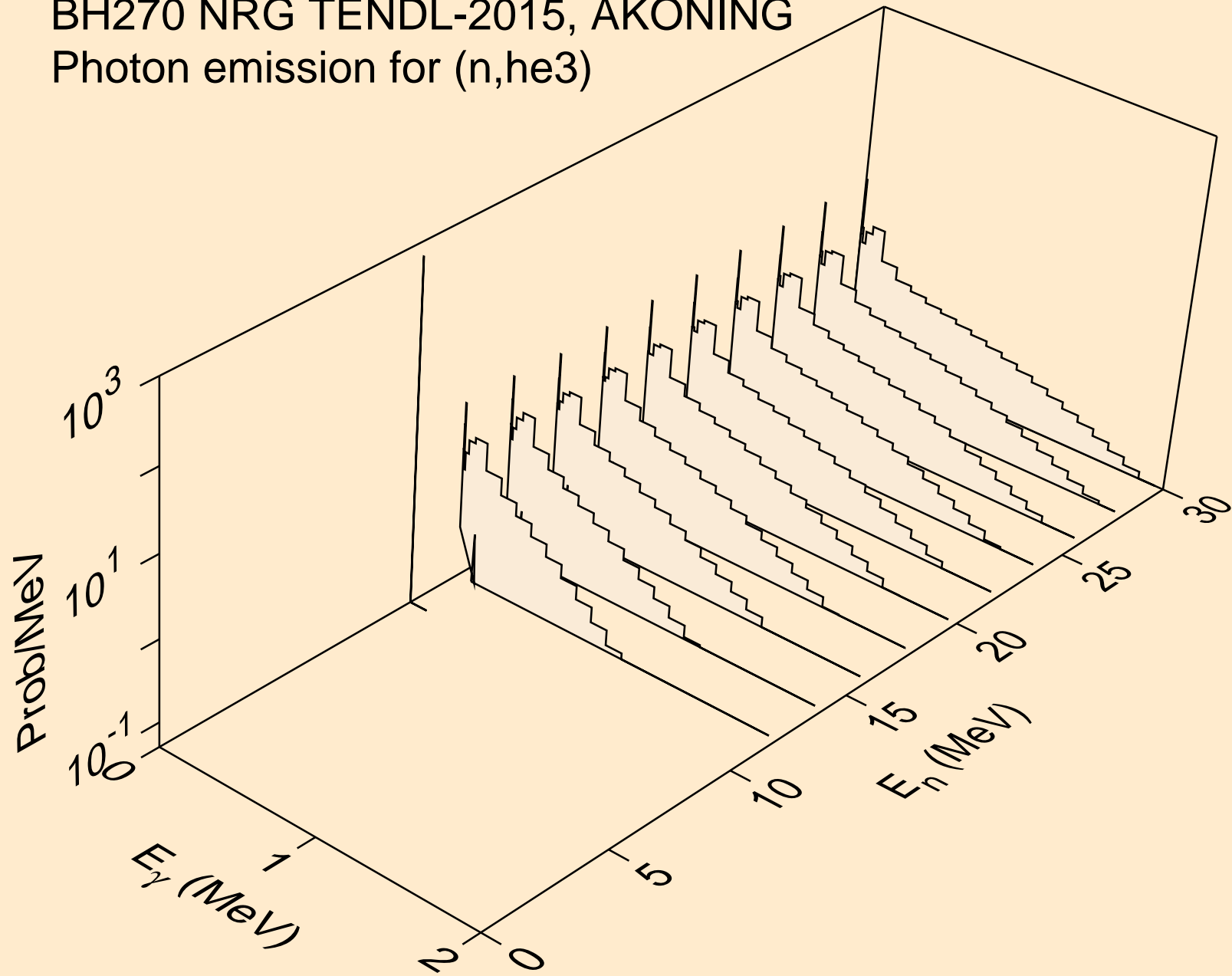
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



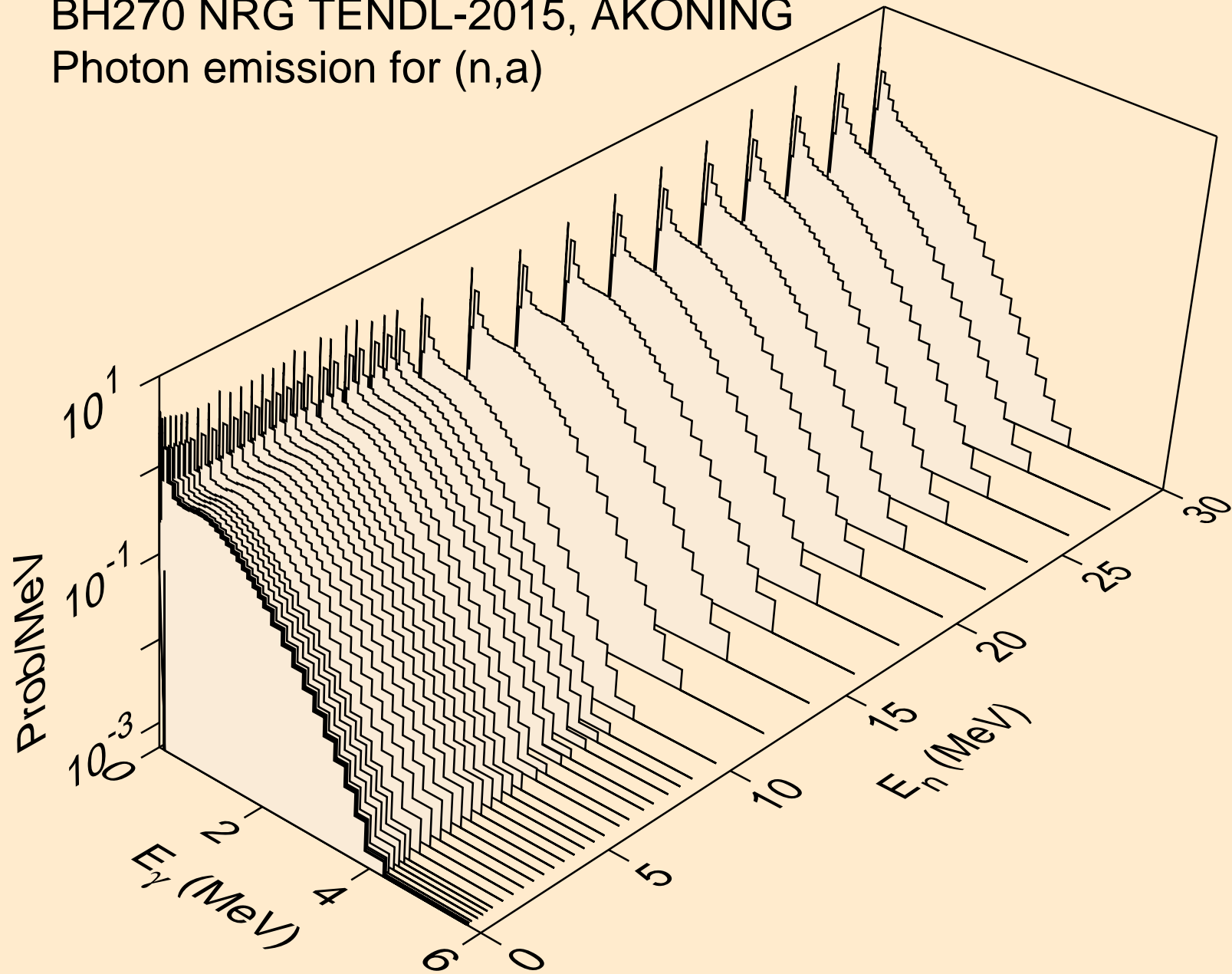
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



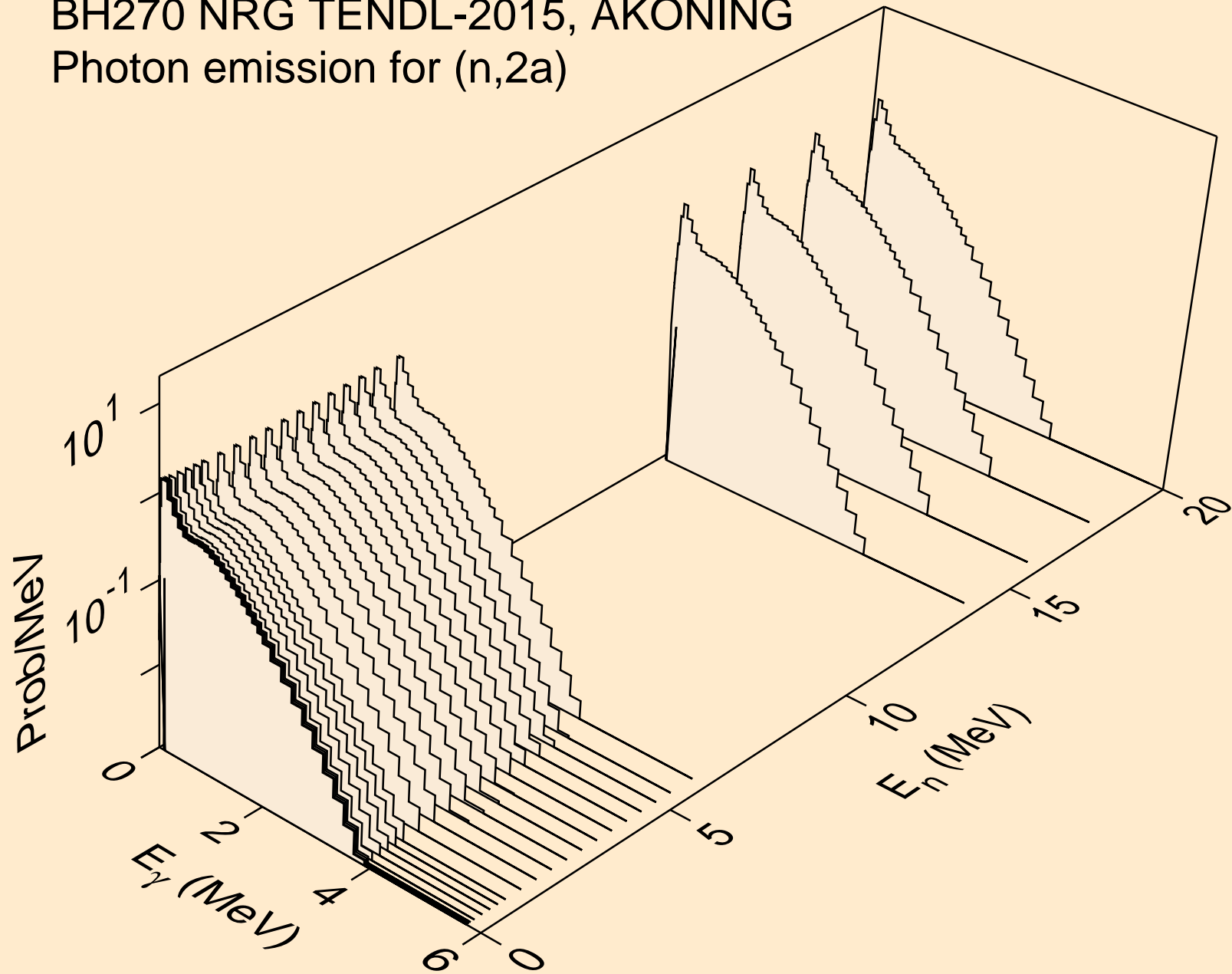
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



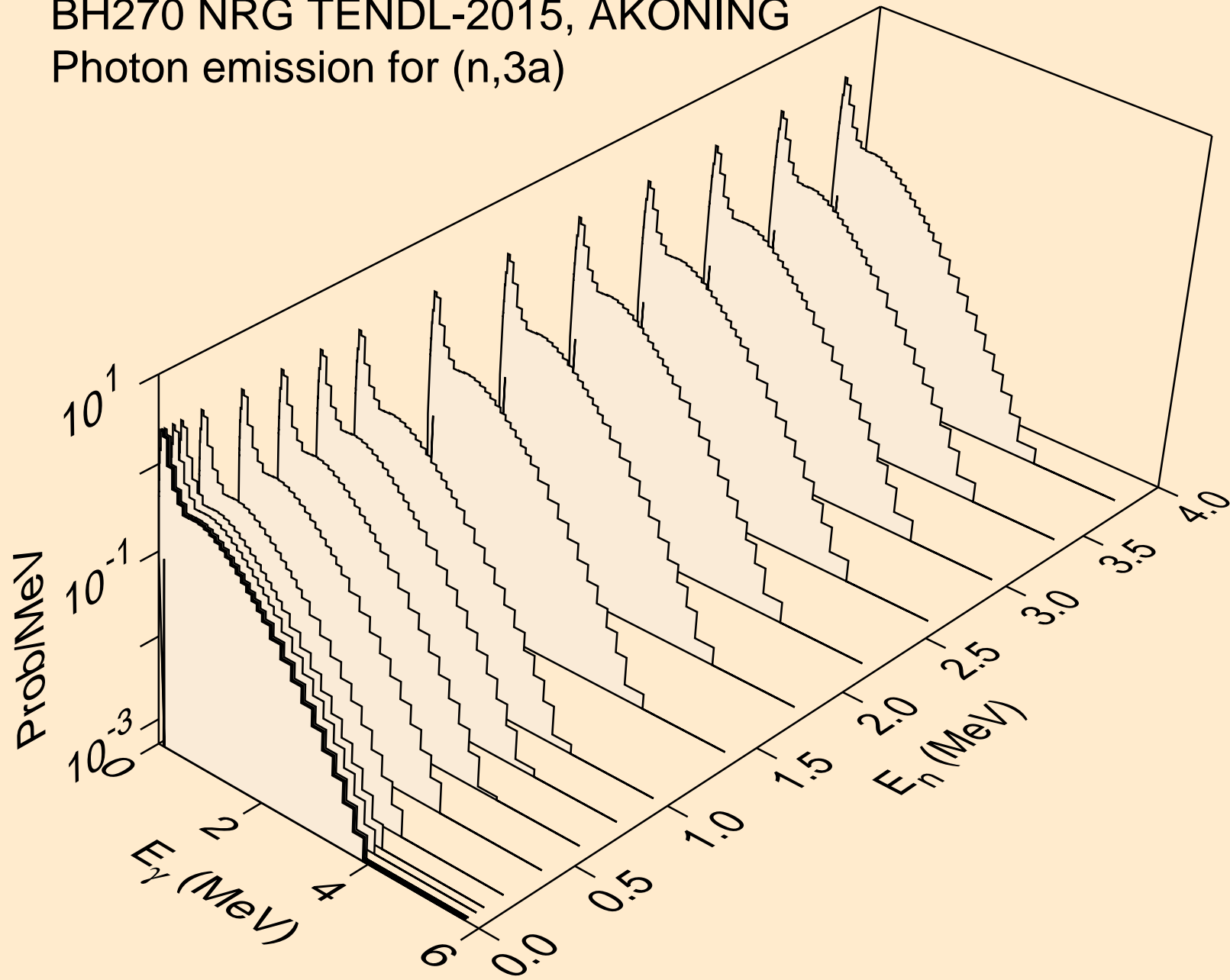
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

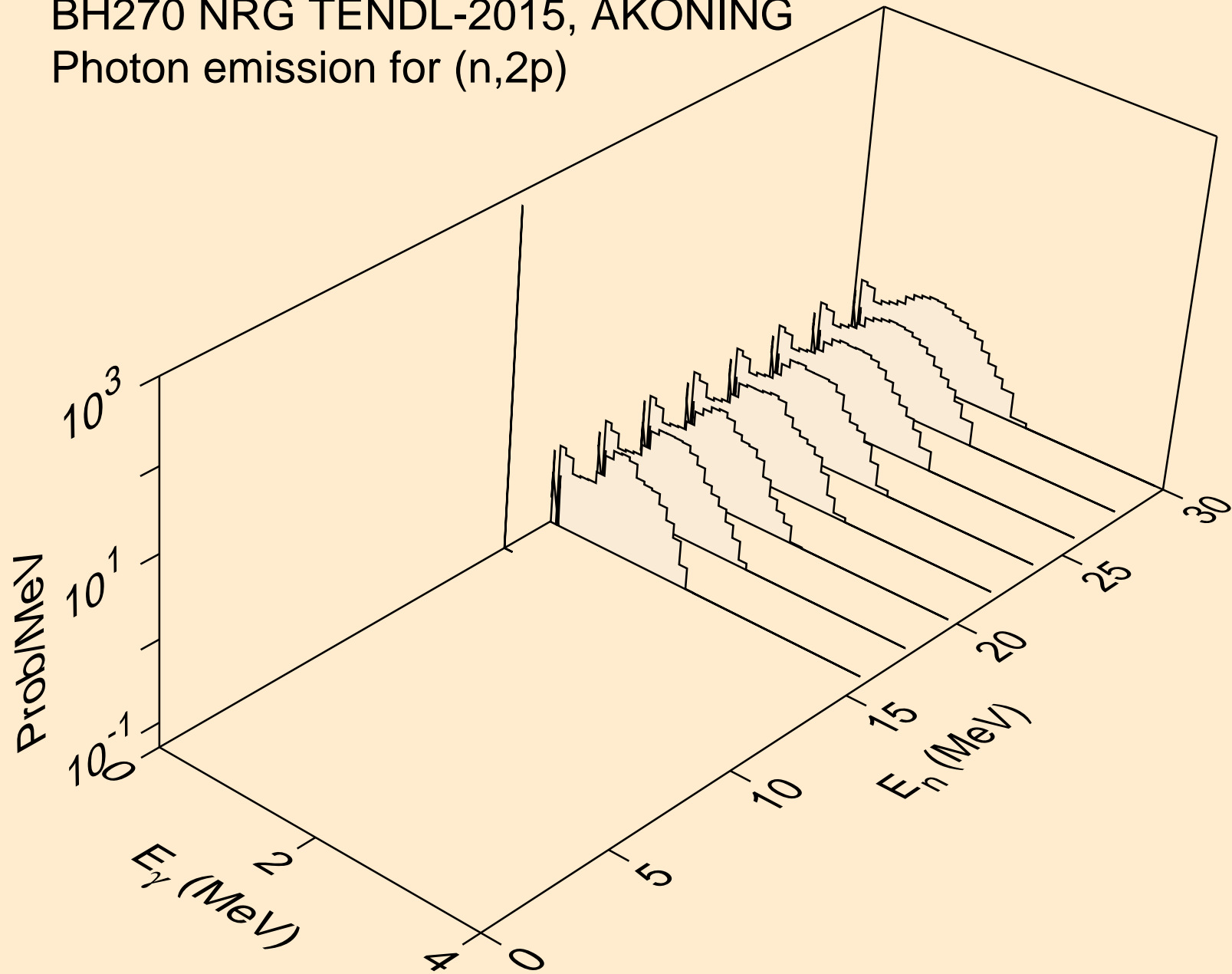


BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

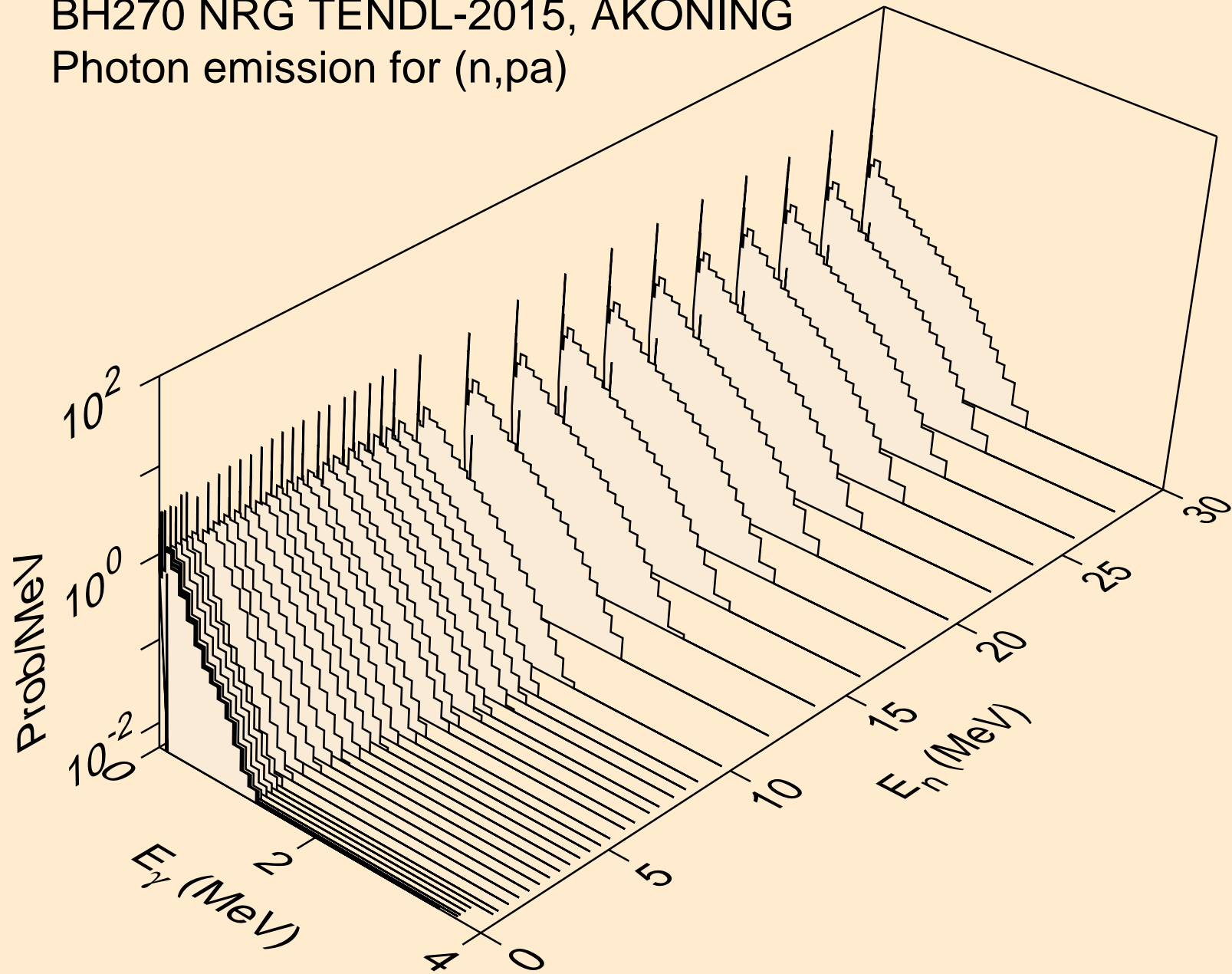




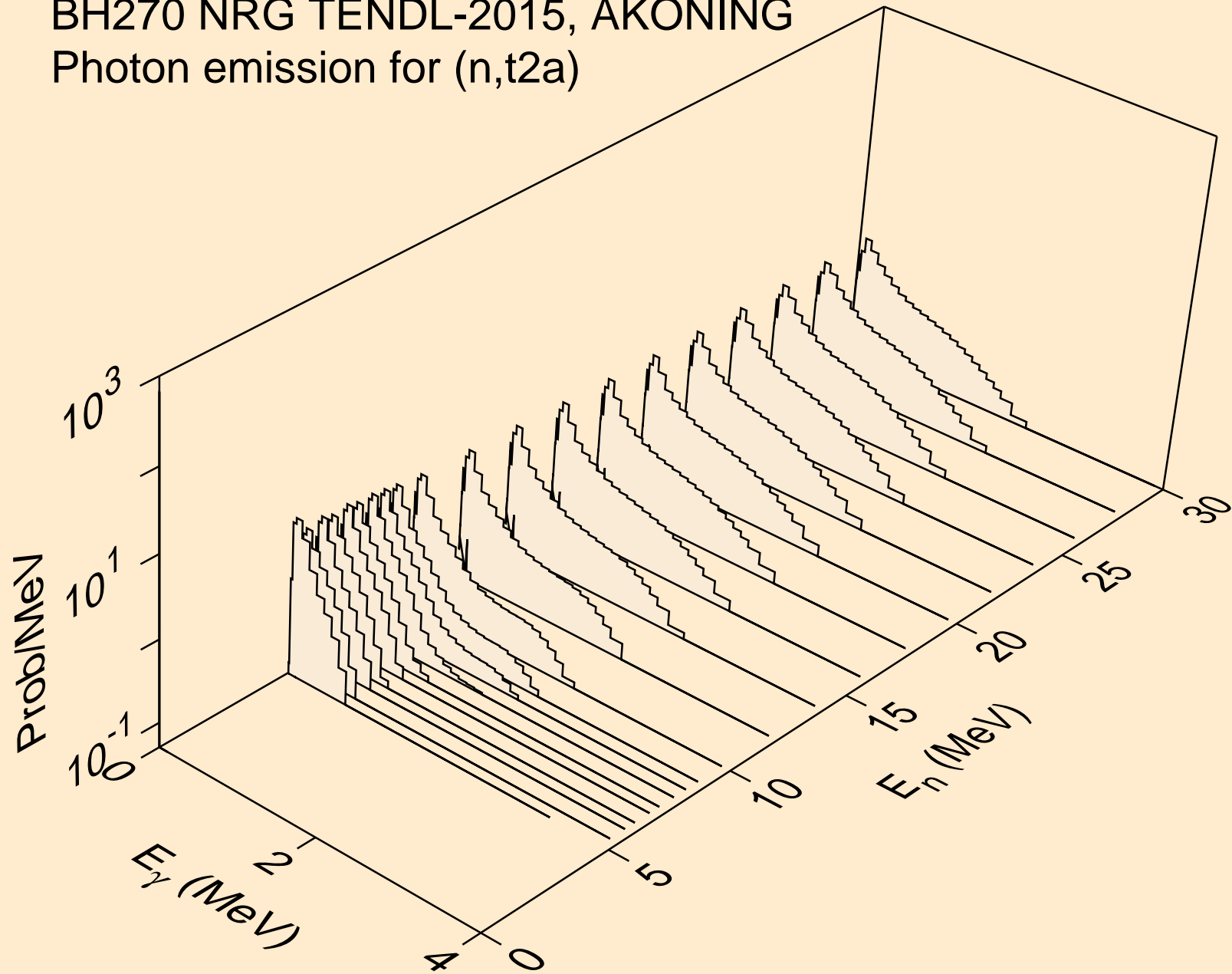
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



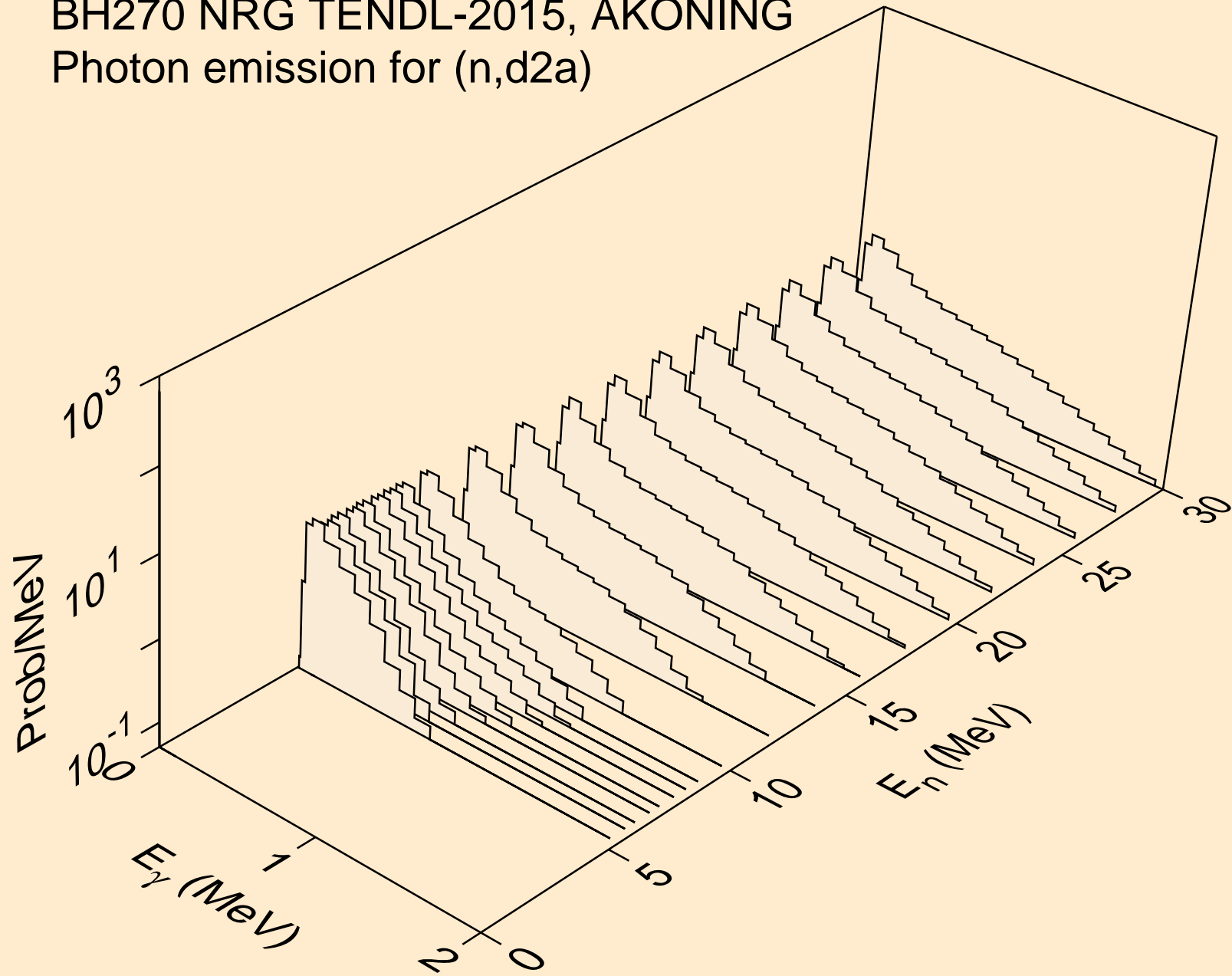
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



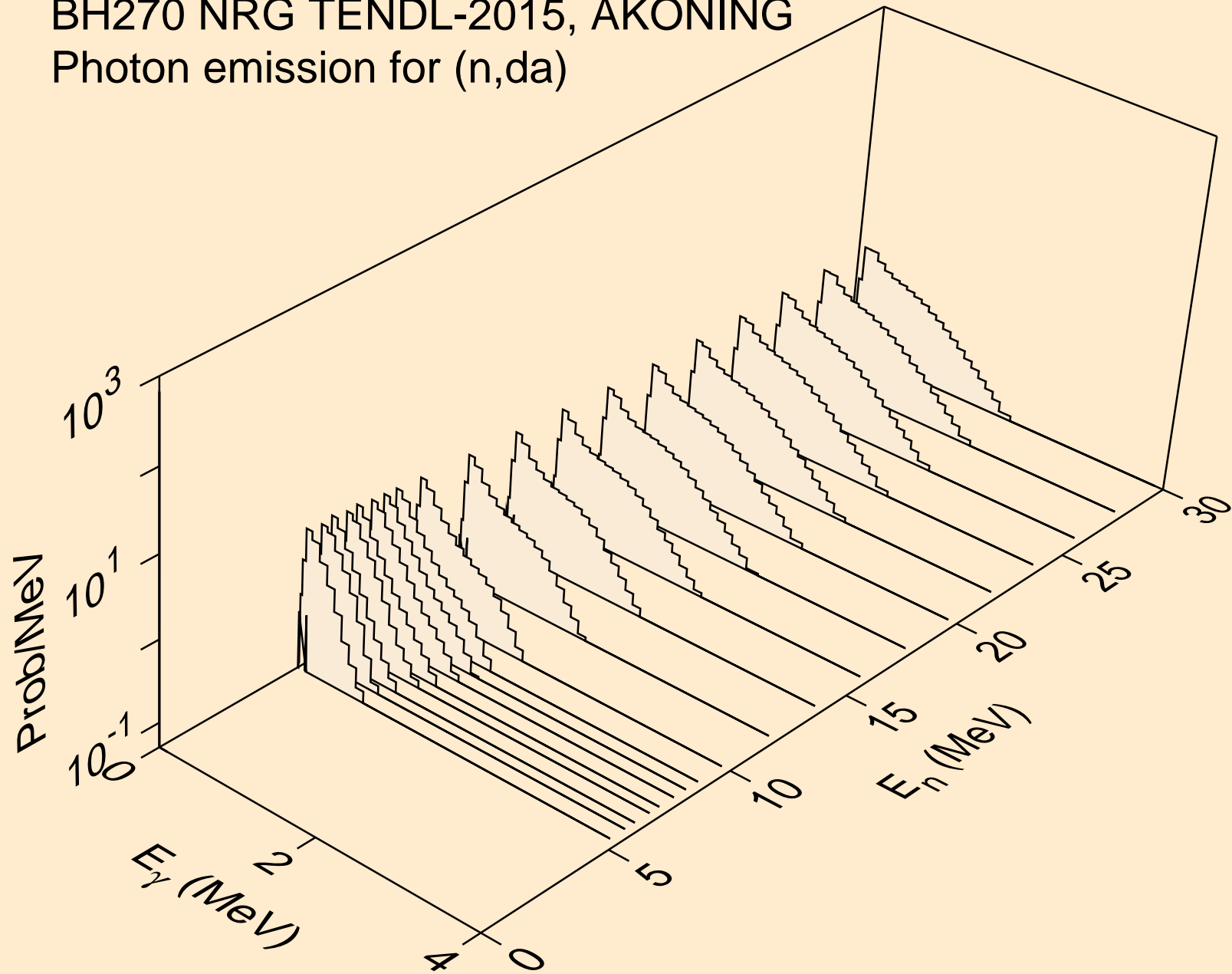
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



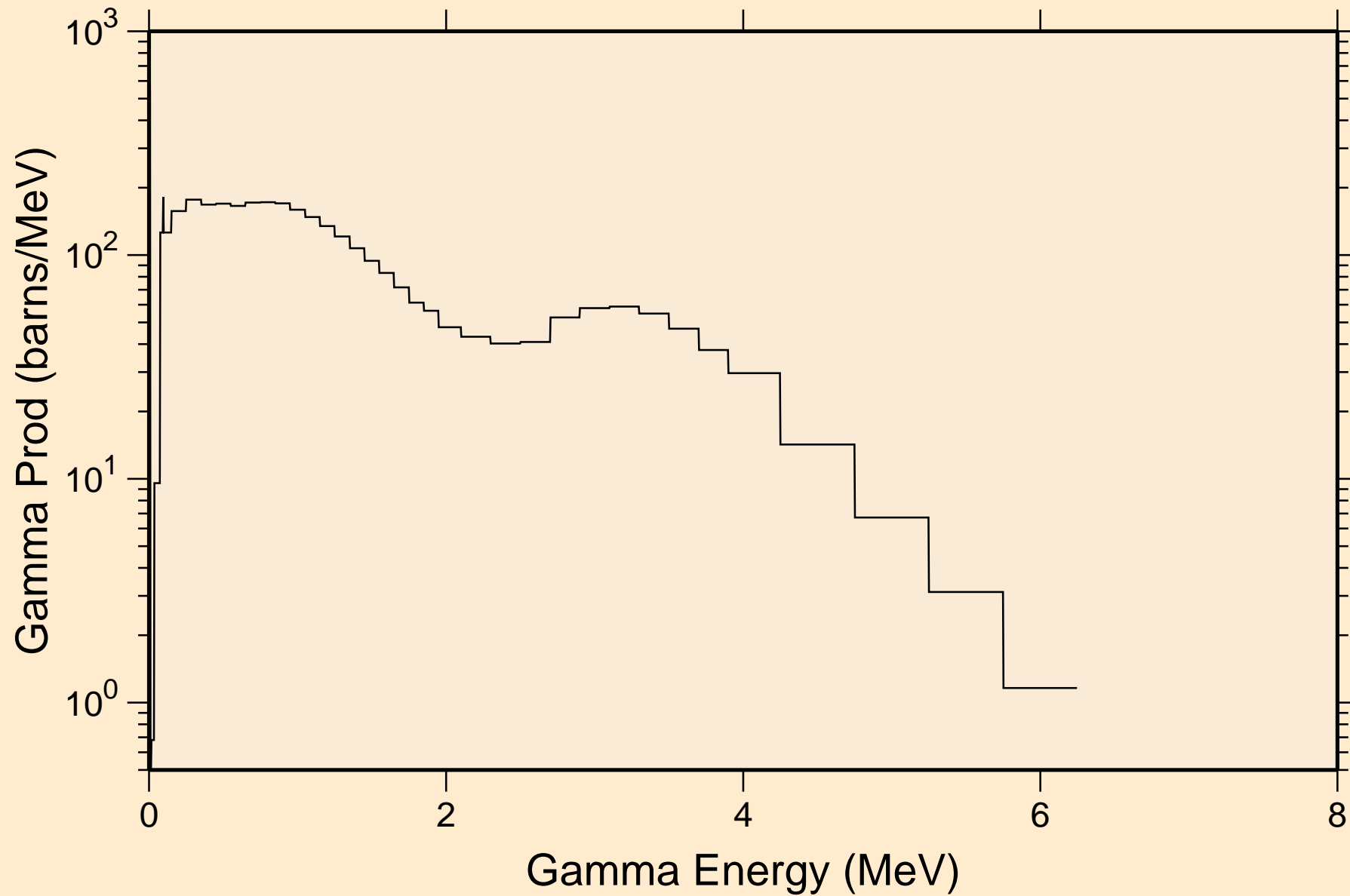
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



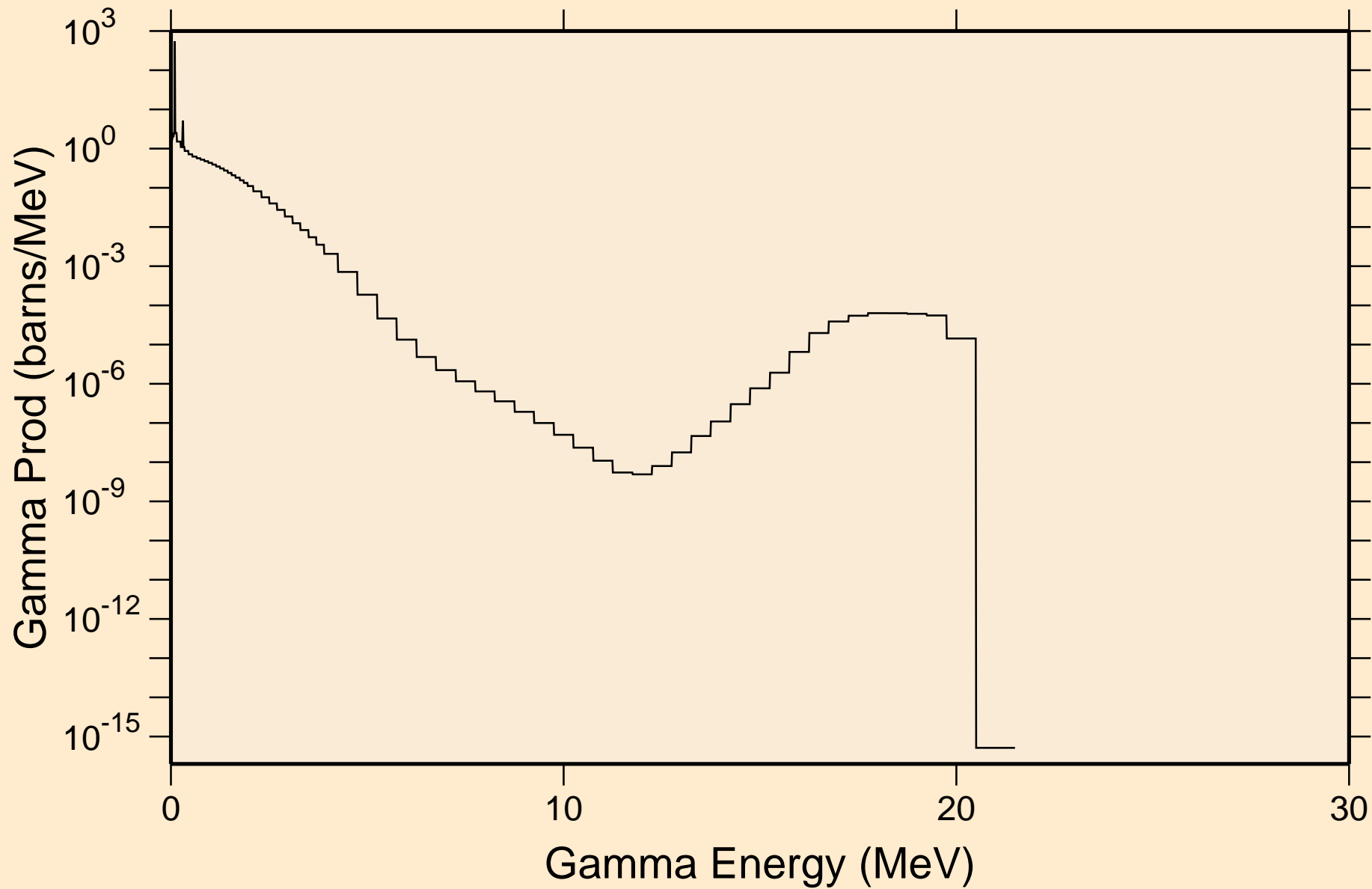
BH270 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BH270 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

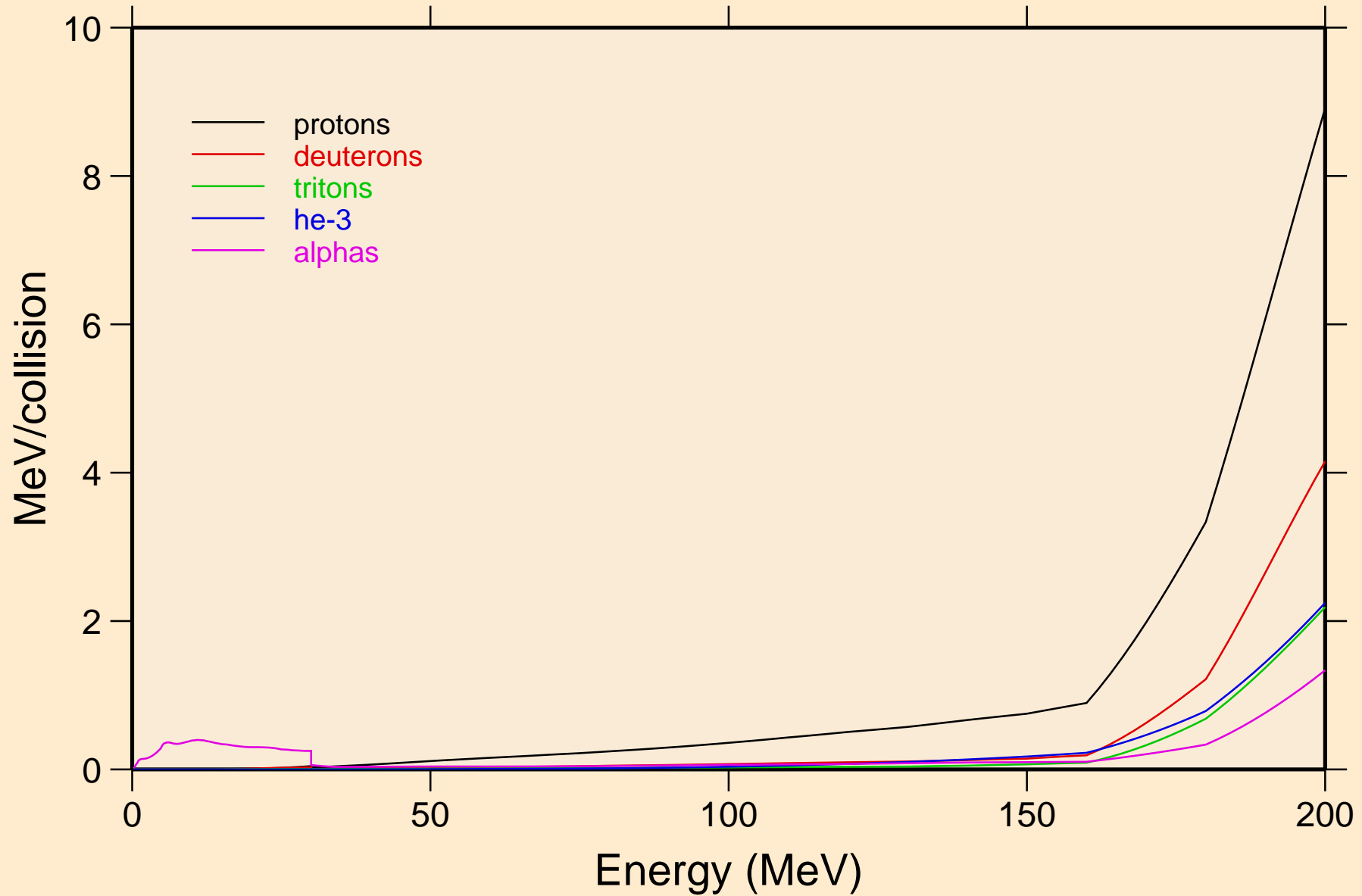


BH270 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# BH270 NRG TENDL-2015, AKONING

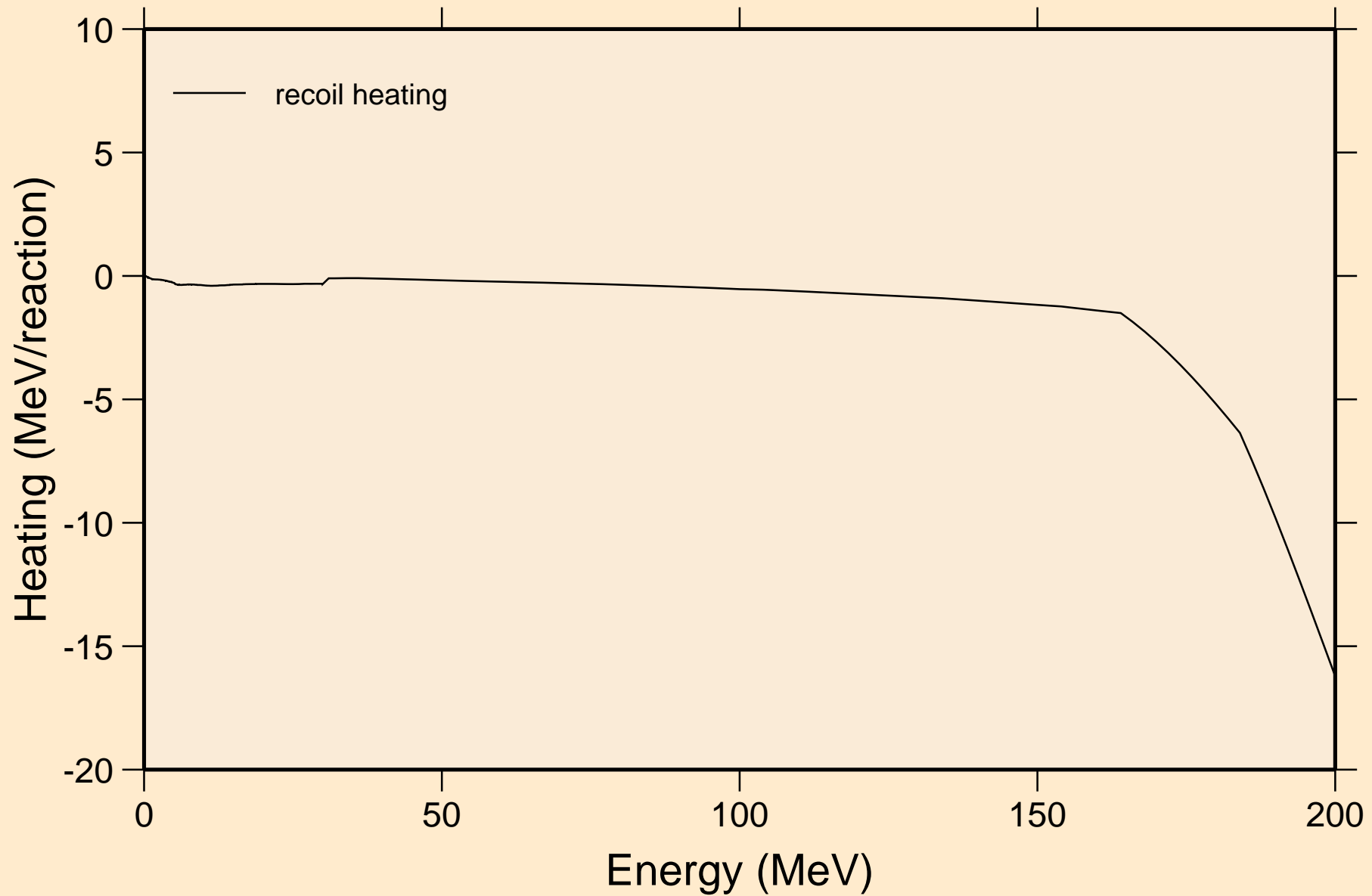
## Particle heating contributions





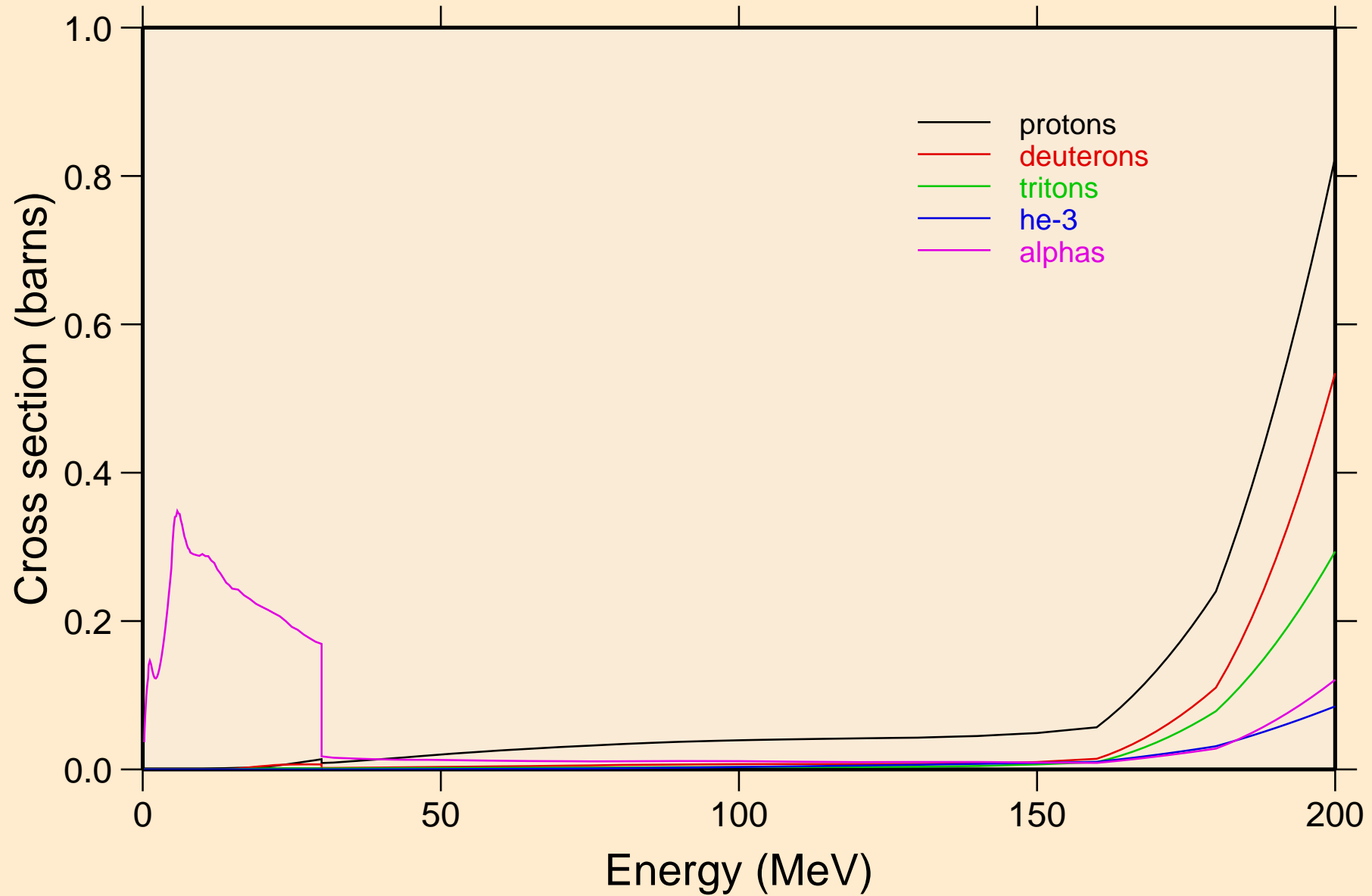
# BH270 NRG TENDL-2015, AKONING

## Recoil Heating

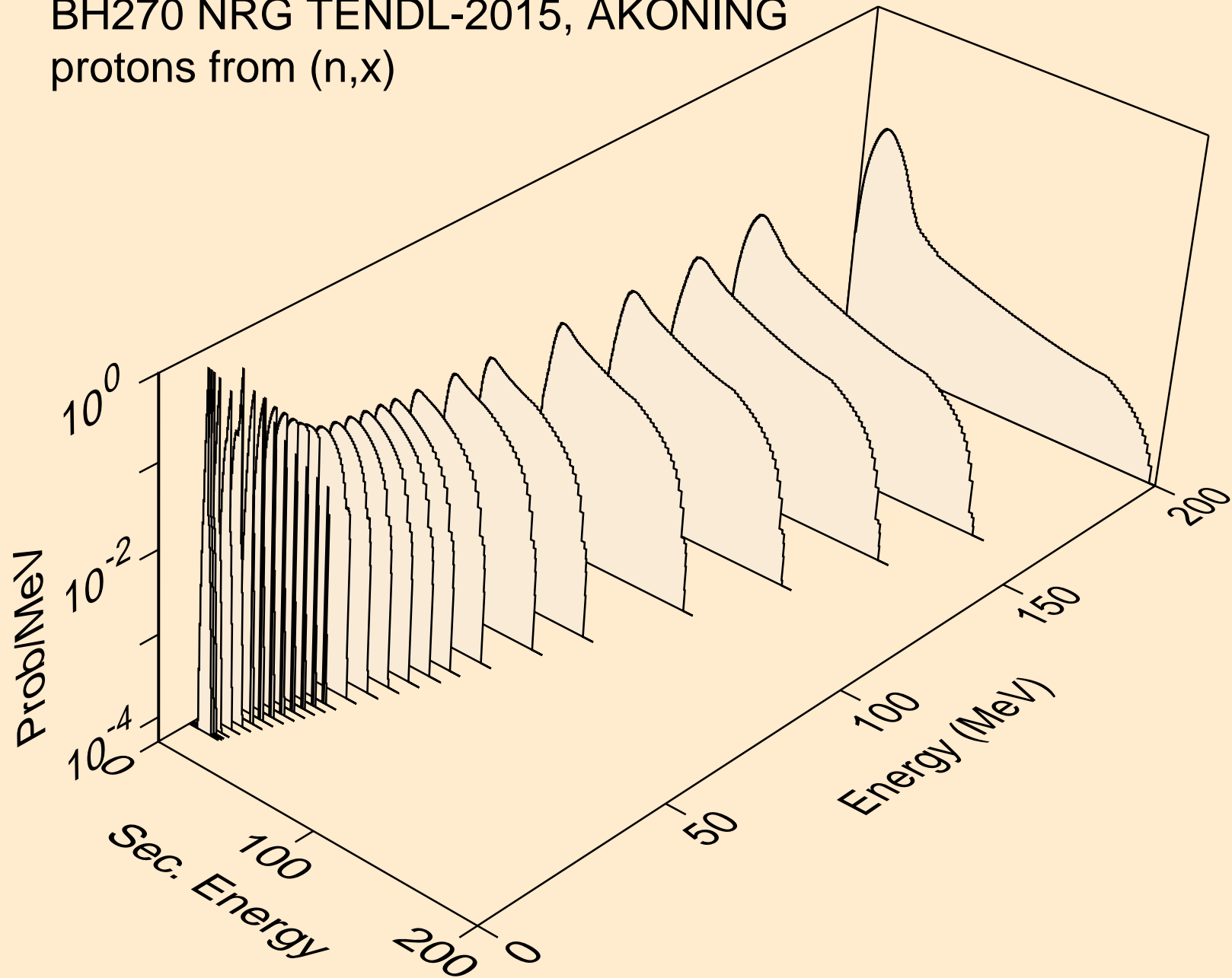


# BH270 NRG TENDL-2015, AKONING

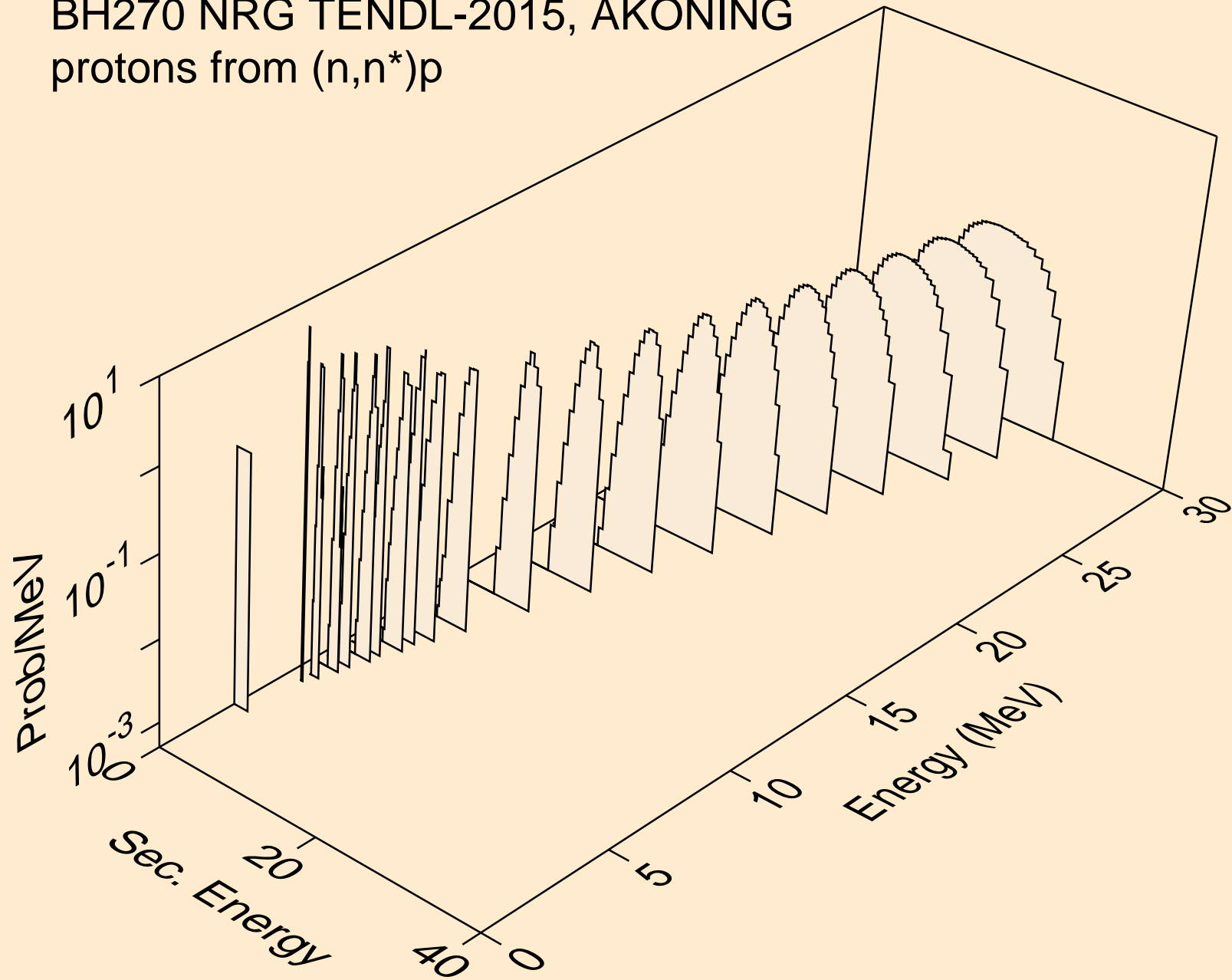
## Particle production cross sections



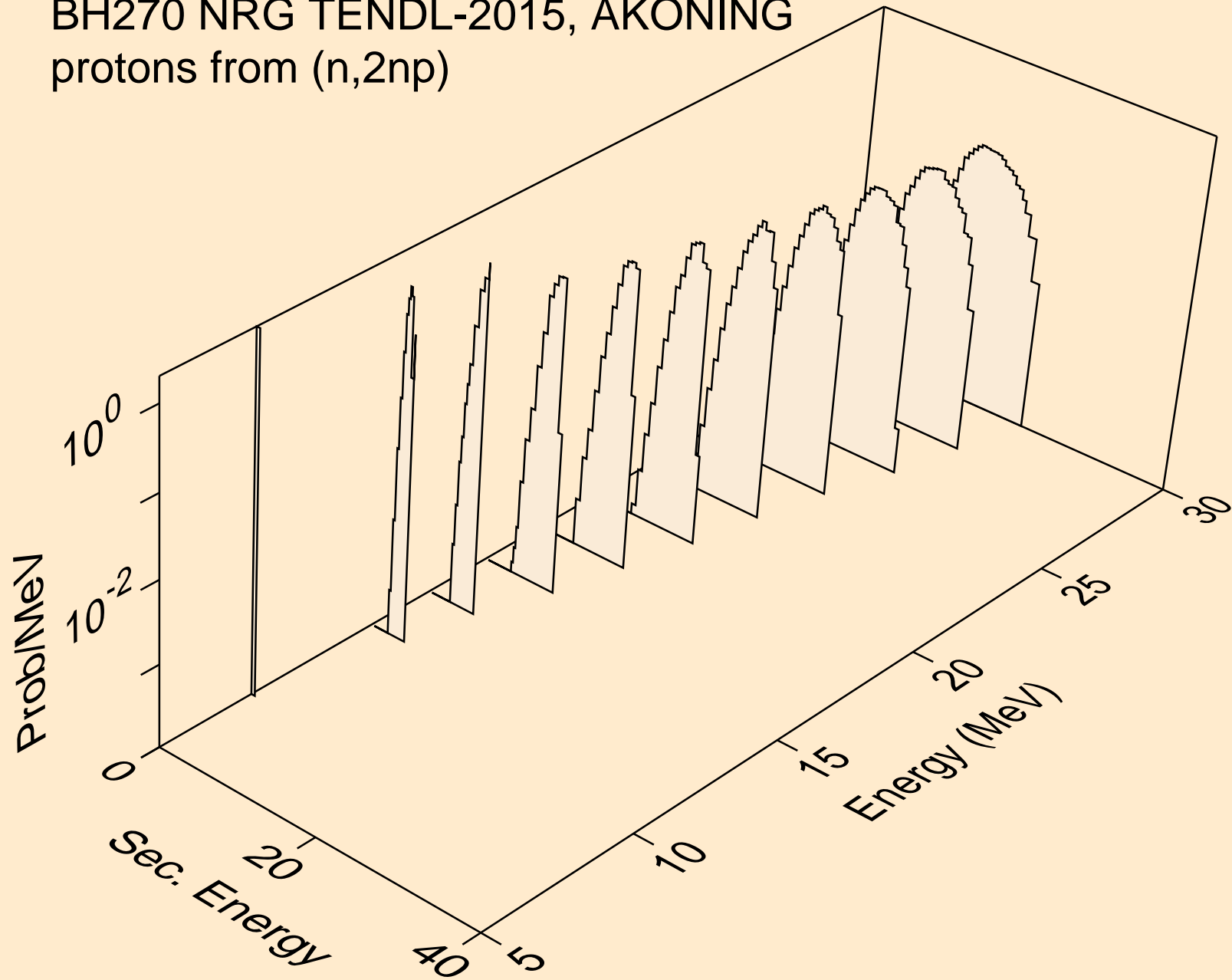
BH270 NRG TENDL-2015, AKONING  
protons from (n,x)



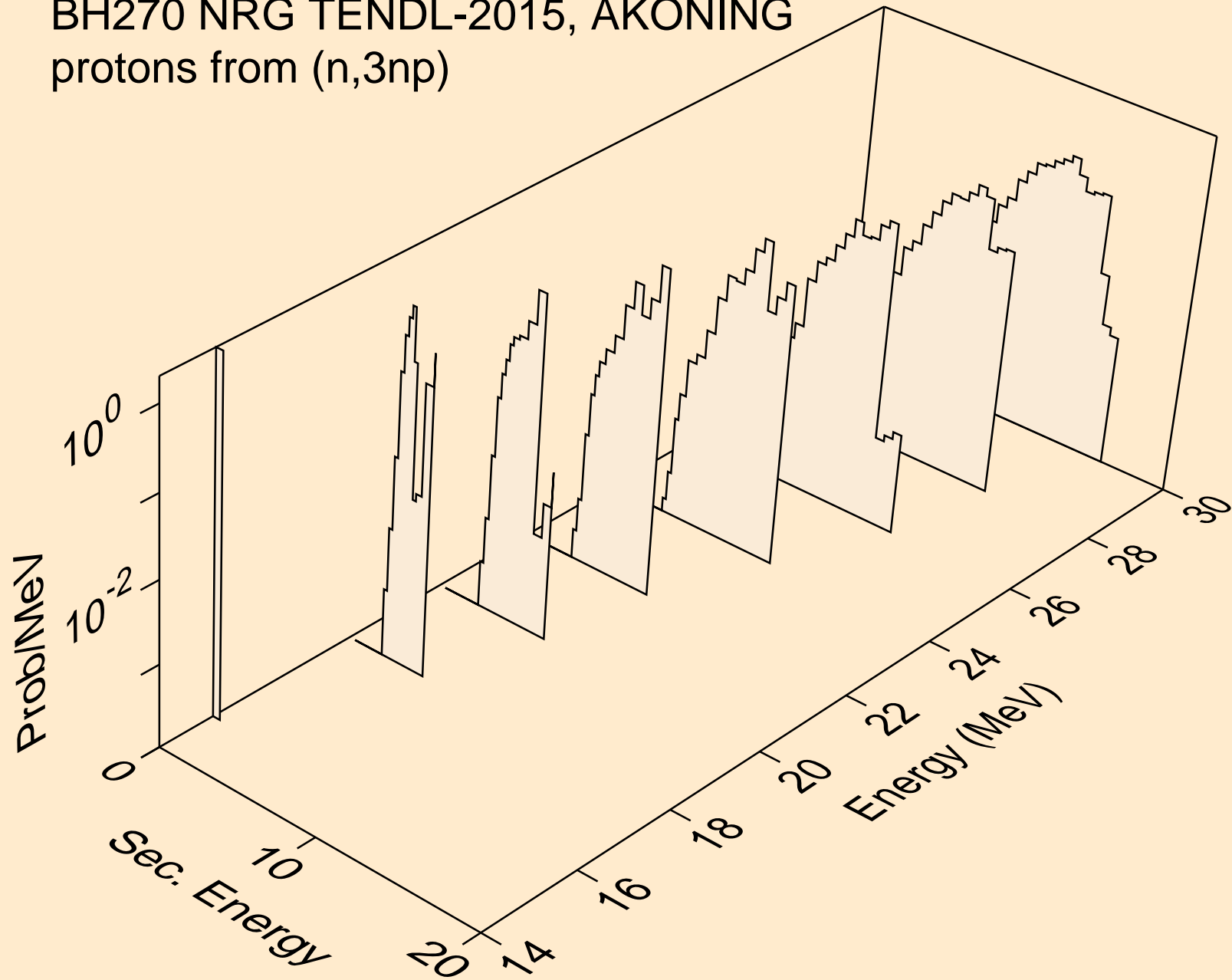
BH270 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



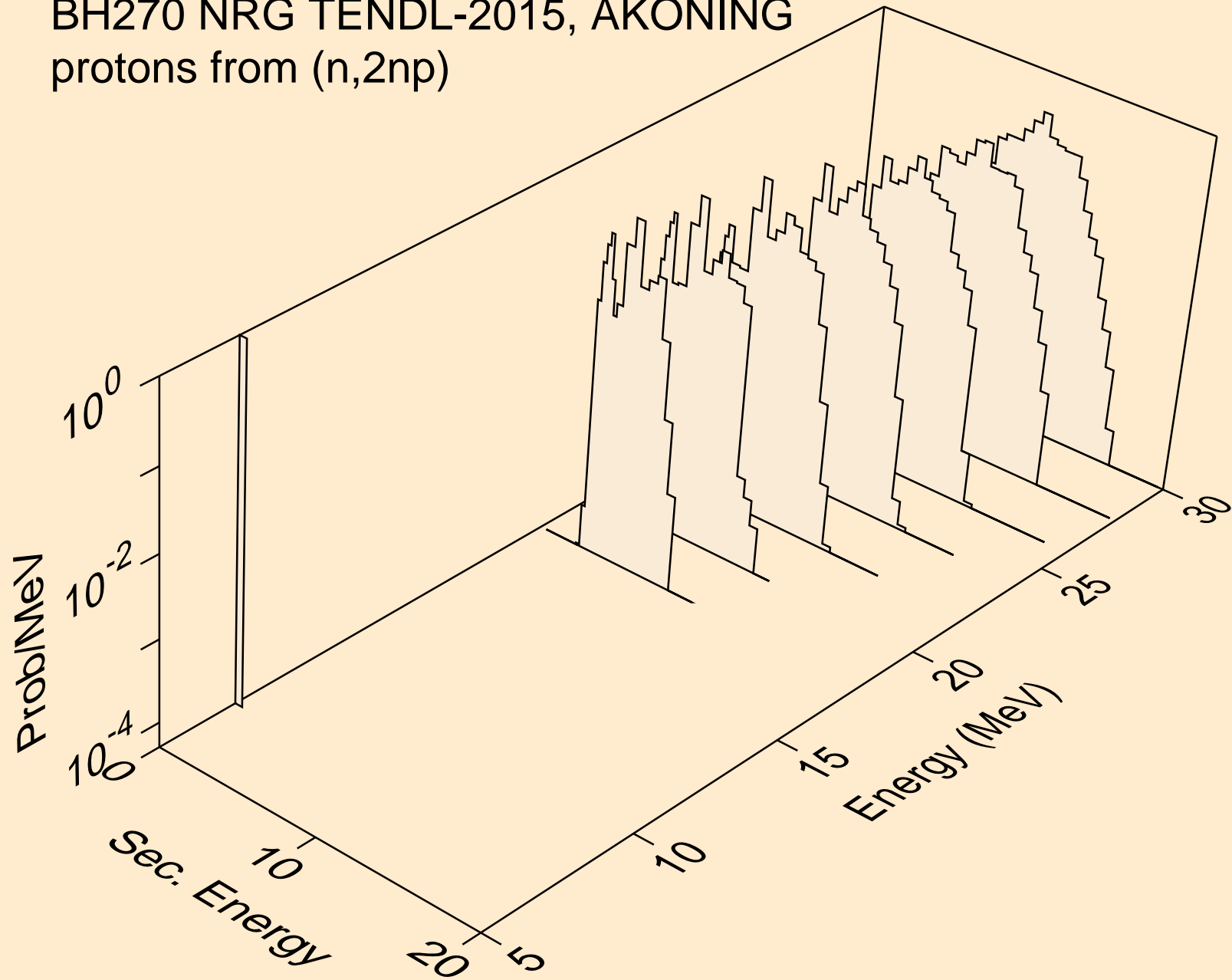
BH270 NRG TENDL-2015, AKONING  
protons from (n,2np)



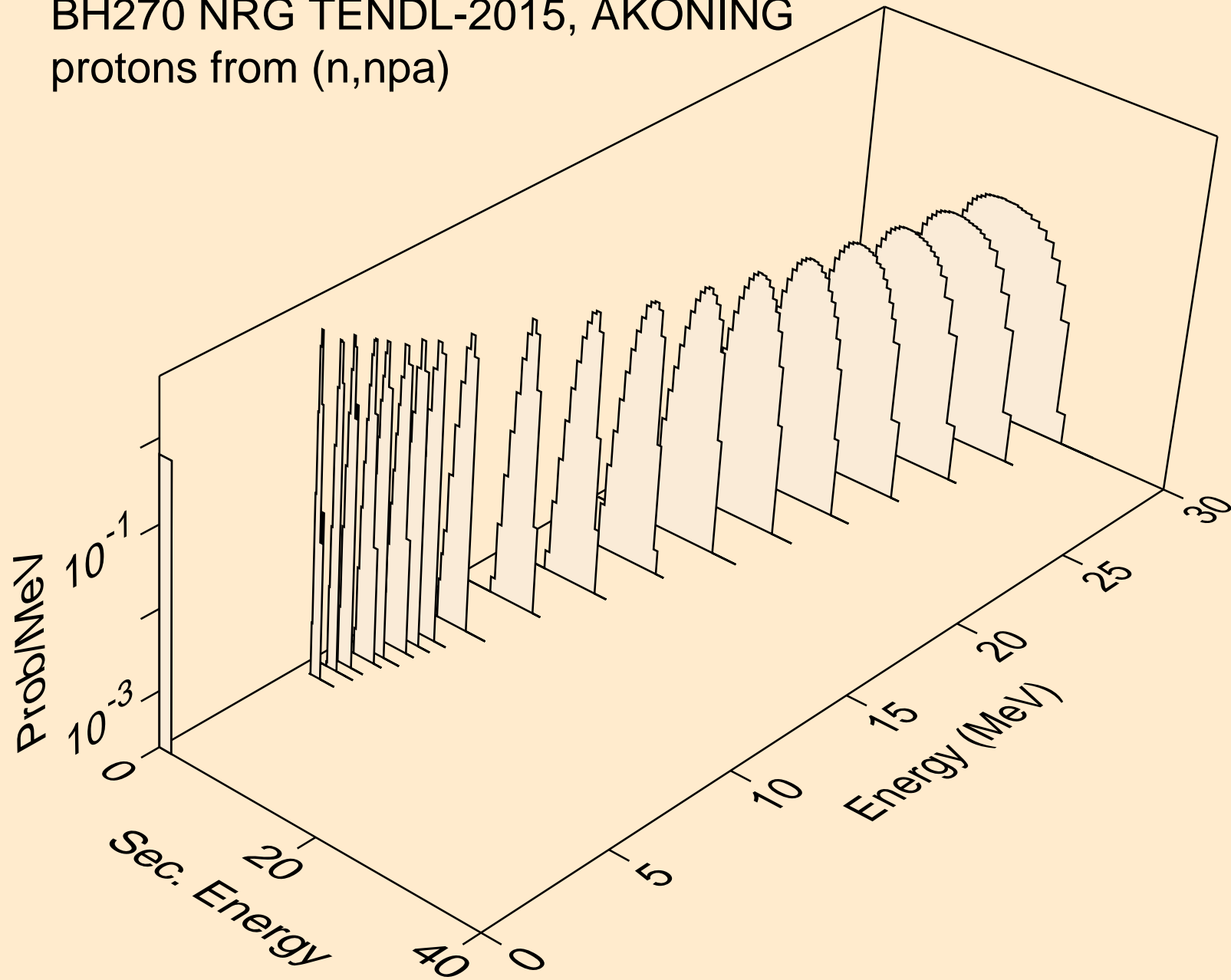
BH270 NRG TENDL-2015, AKONING  
protons from (n,3np)



BH270 NRG TENDL-2015, AKONING  
protons from (n,2np)

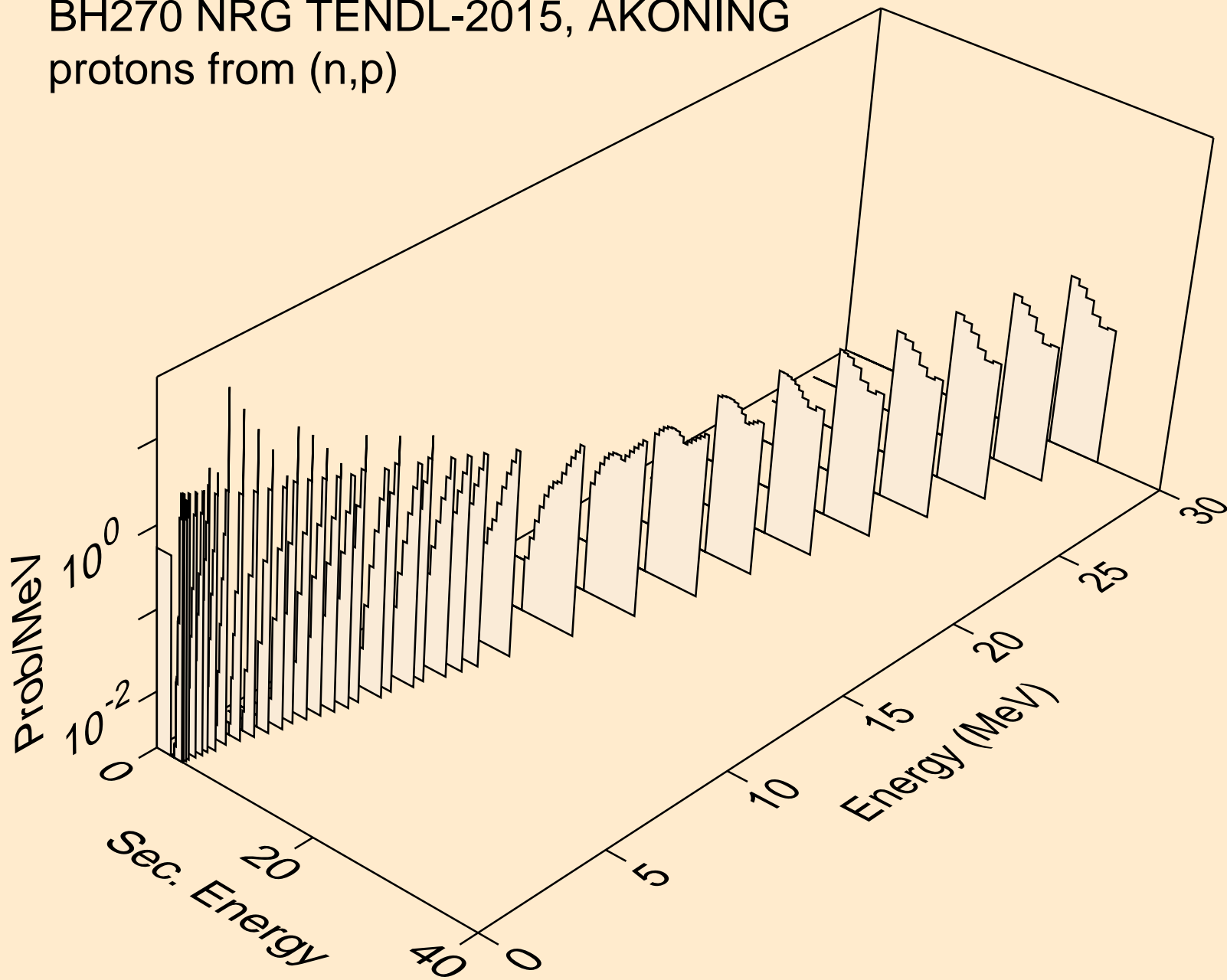


BH270 NRG TENDL-2015, AKONING  
protons from (n,npa)

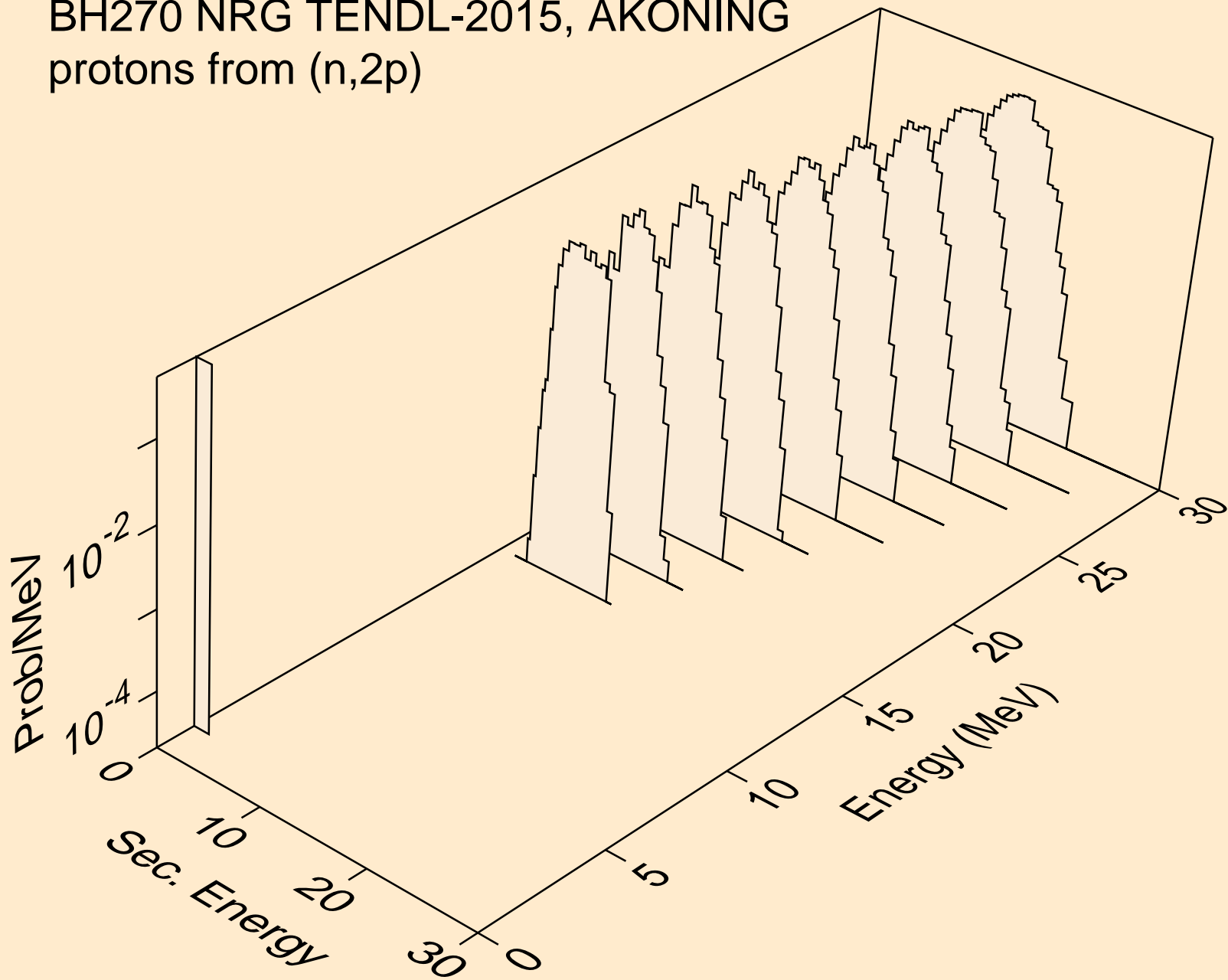




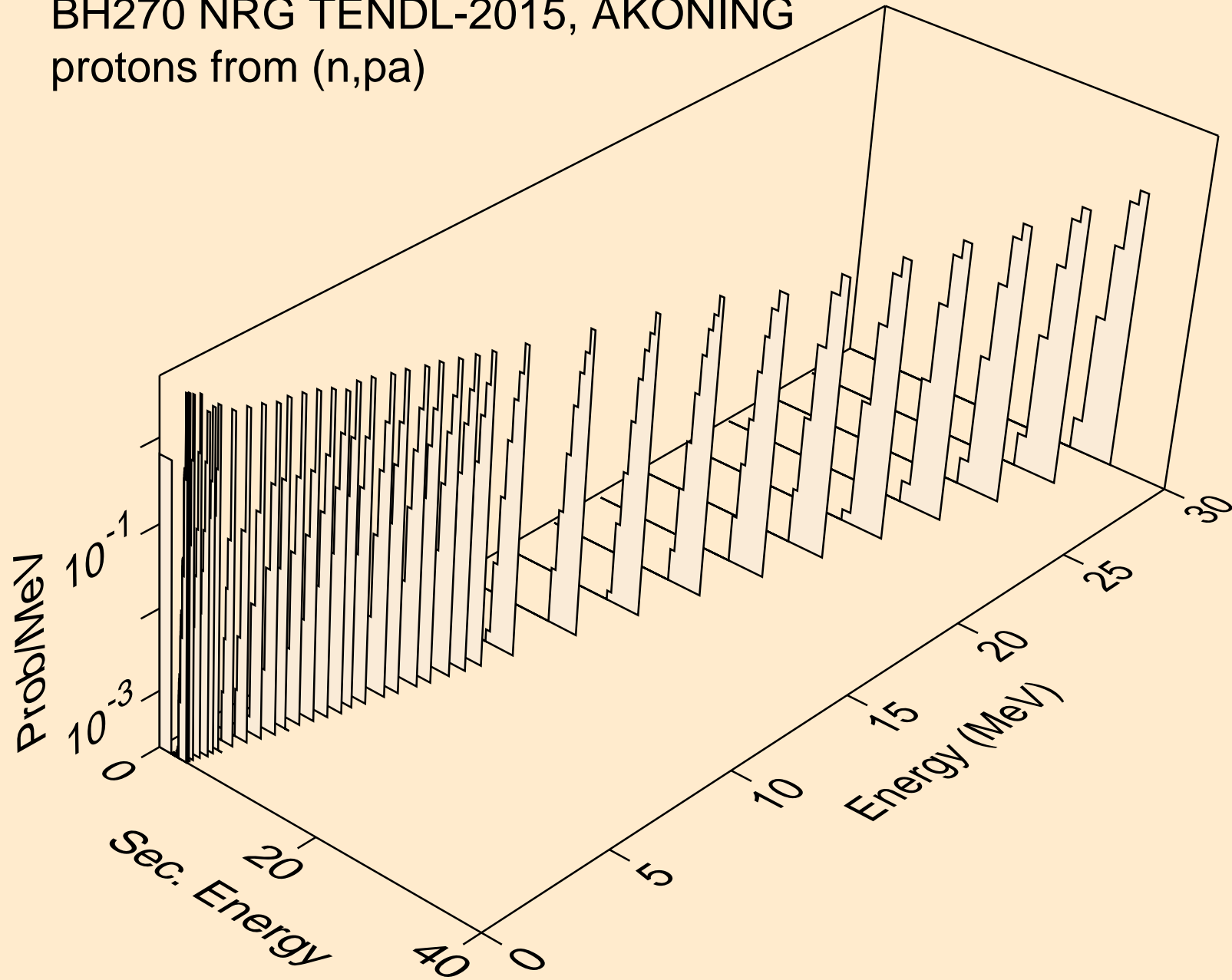
BH270 NRG TENDL-2015, AKONING  
protons from (n,p)



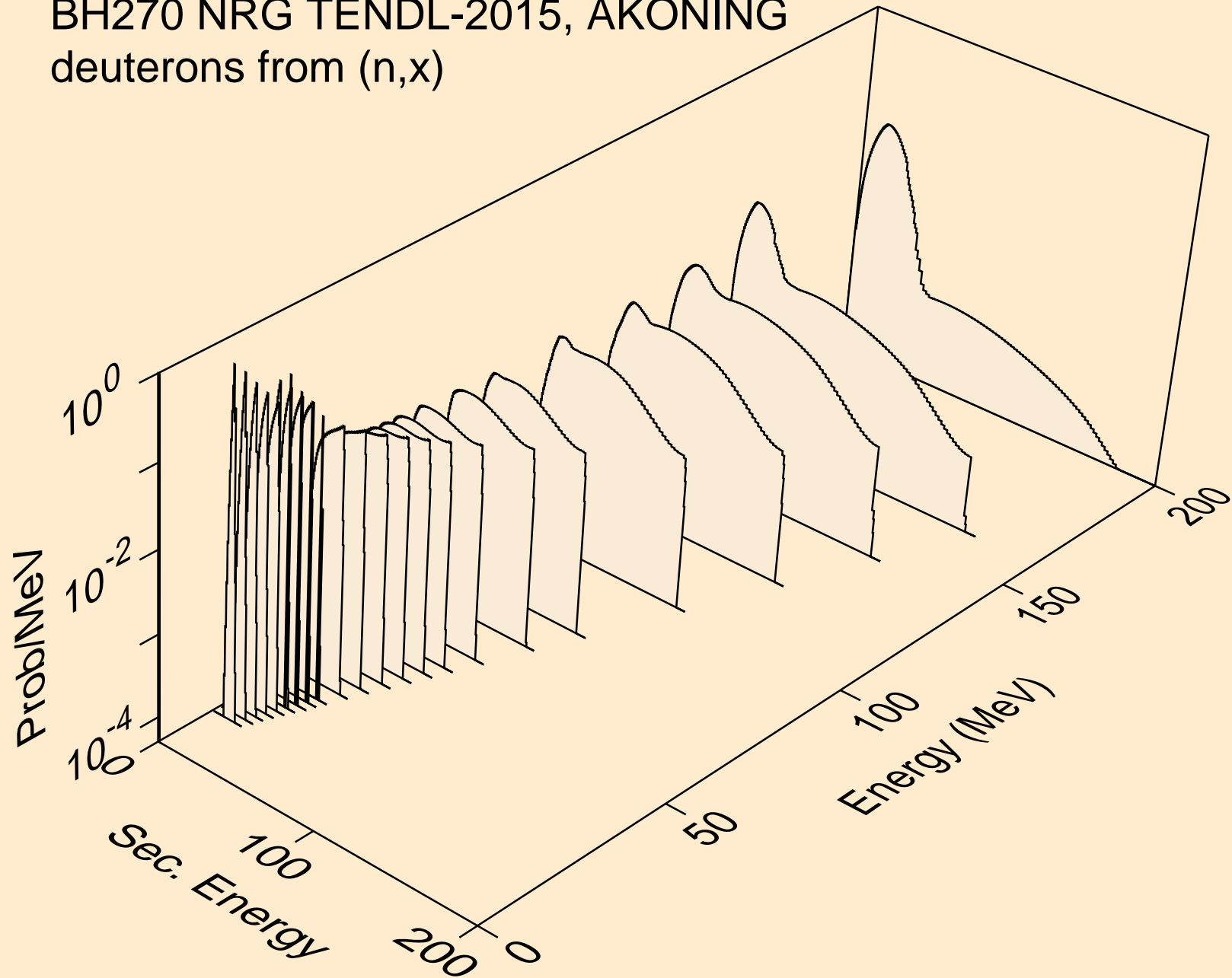
BH270 NRG TENDL-2015, AKONING  
protons from (n,2p)



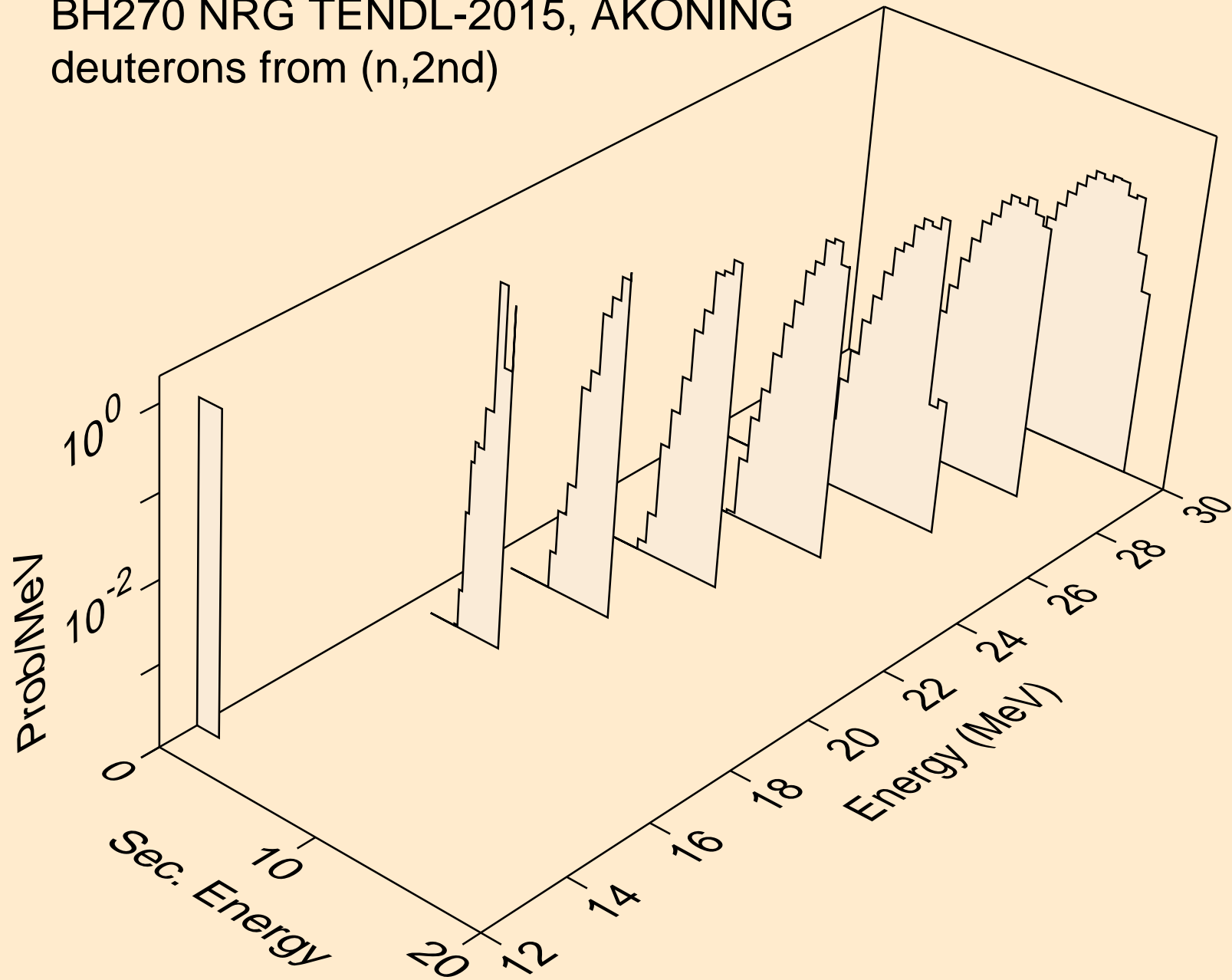
BH270 NRG TENDL-2015, AKONING  
protons from (n,pa)



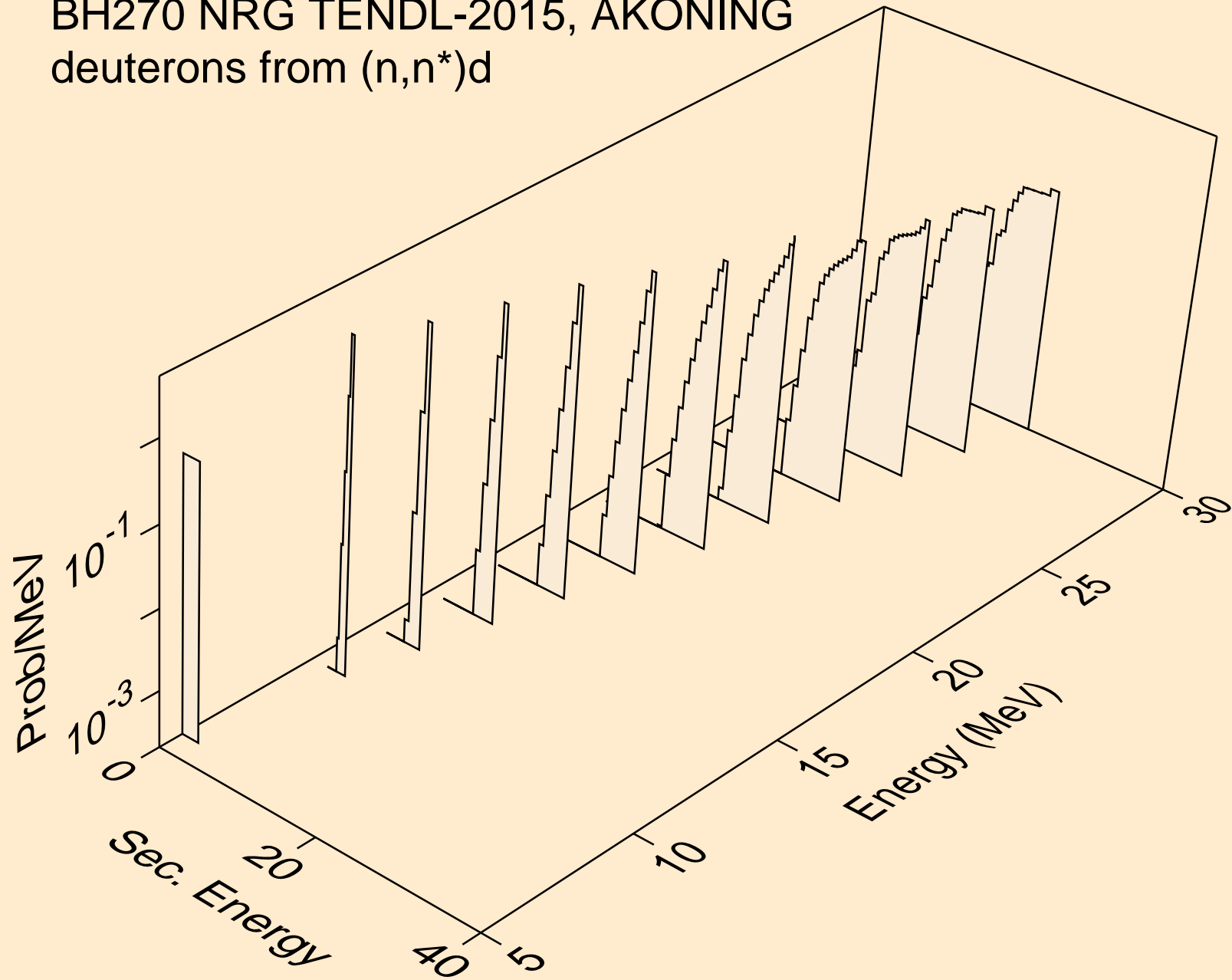
BH270 NRG TENDL-2015, AKONING  
deuterons from (n,x)



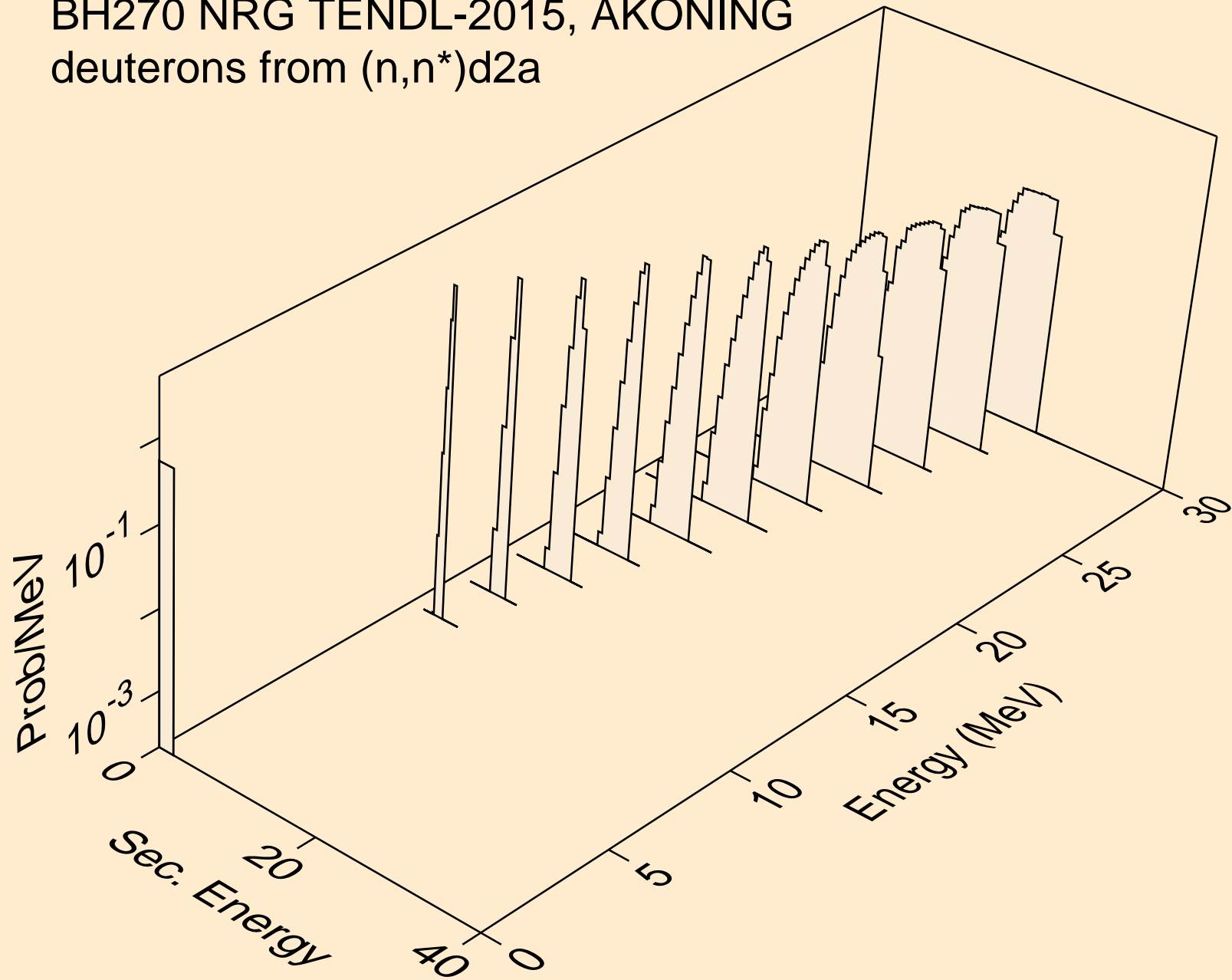
BH270 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



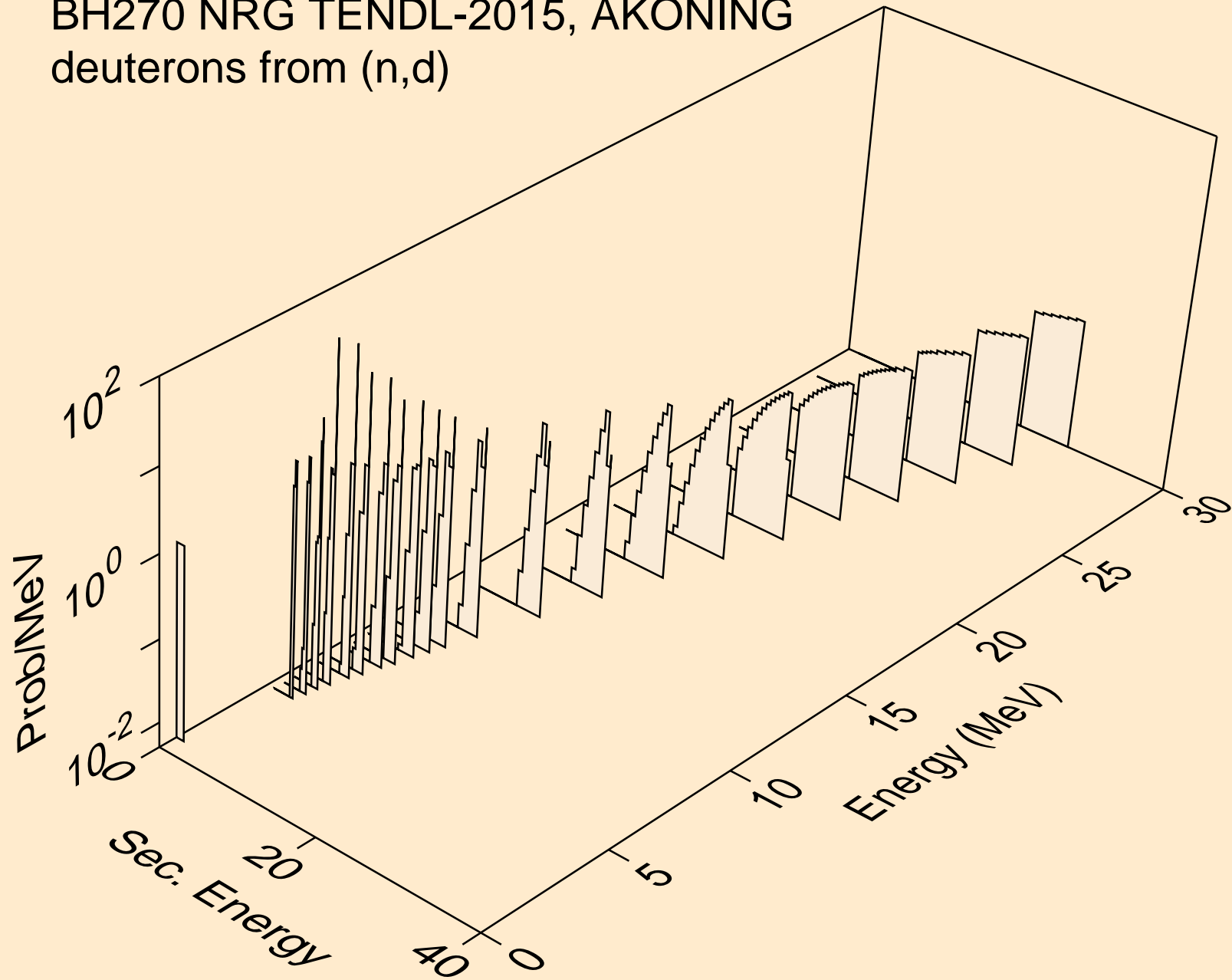
BH270 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



BH270 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a

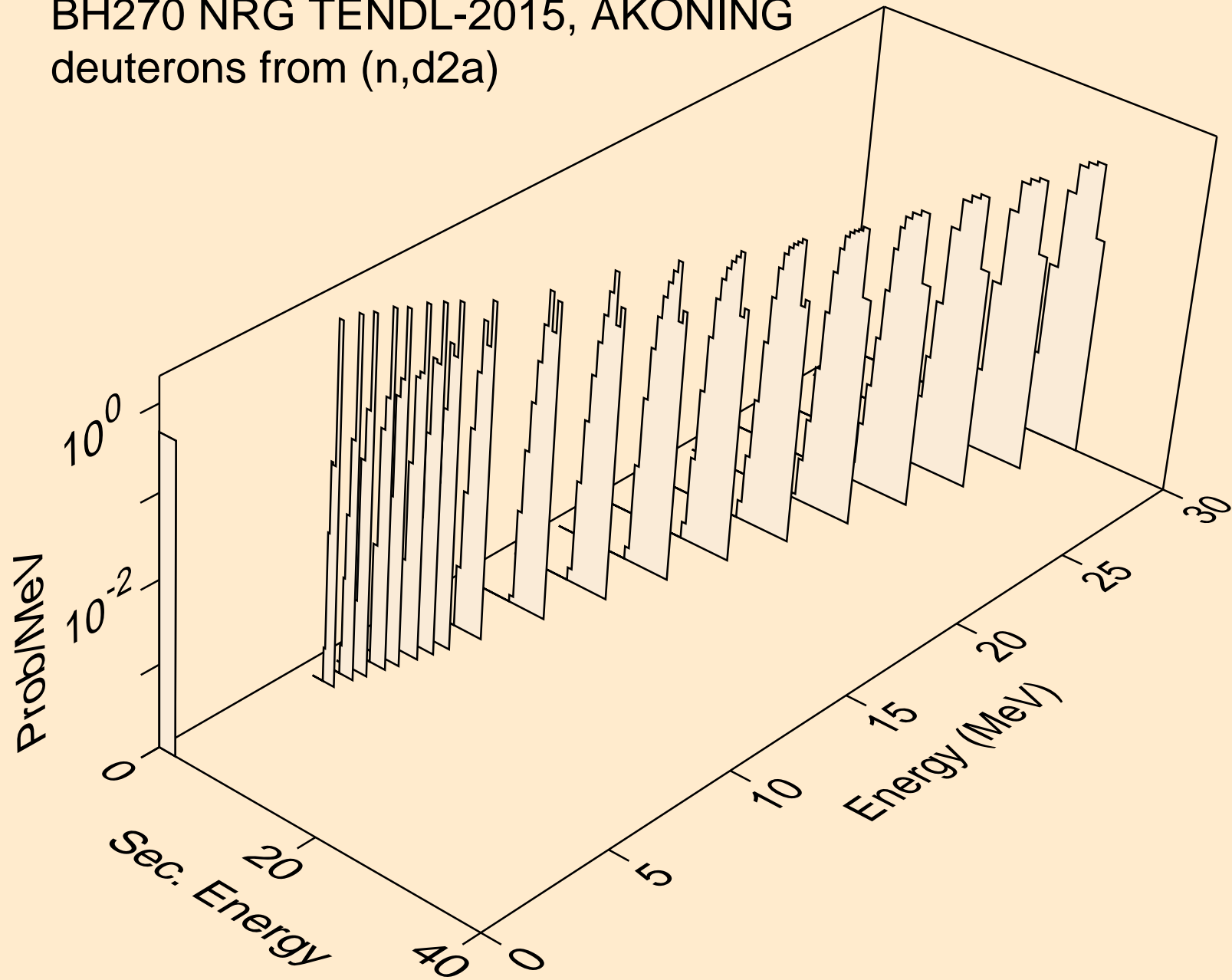


BH270 NRG TENDL-2015, AKONING  
deuterons from (n,d)

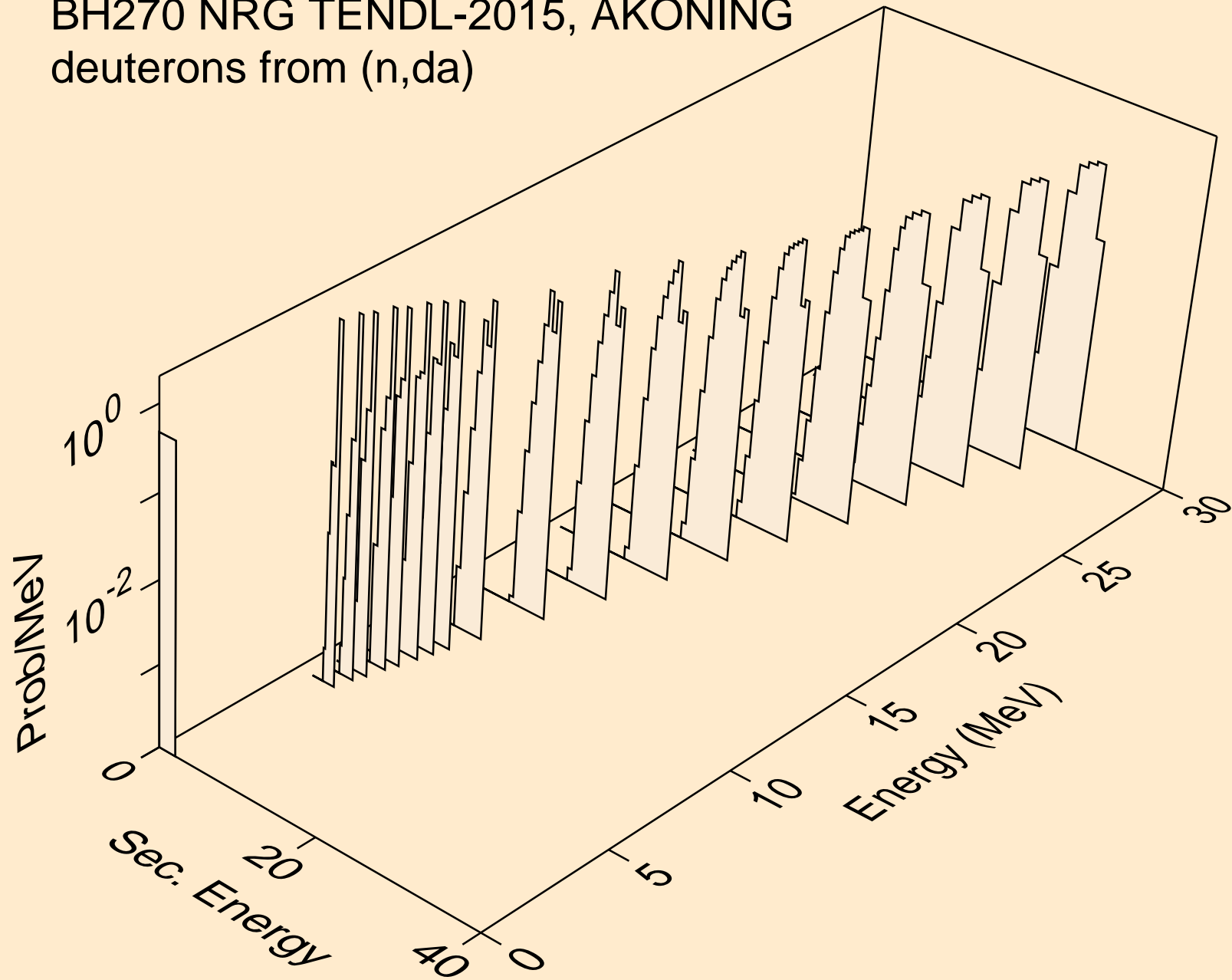




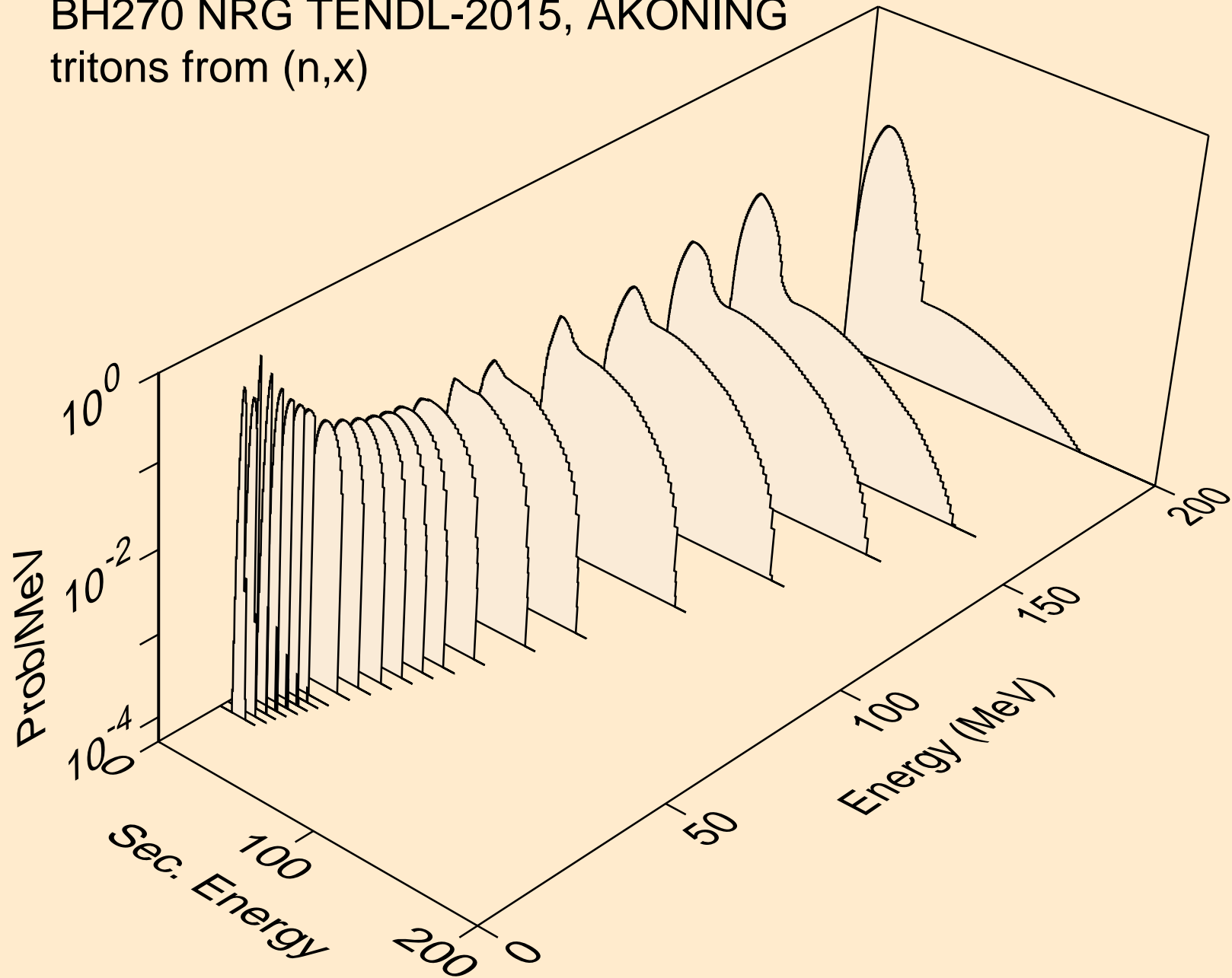
BH270 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



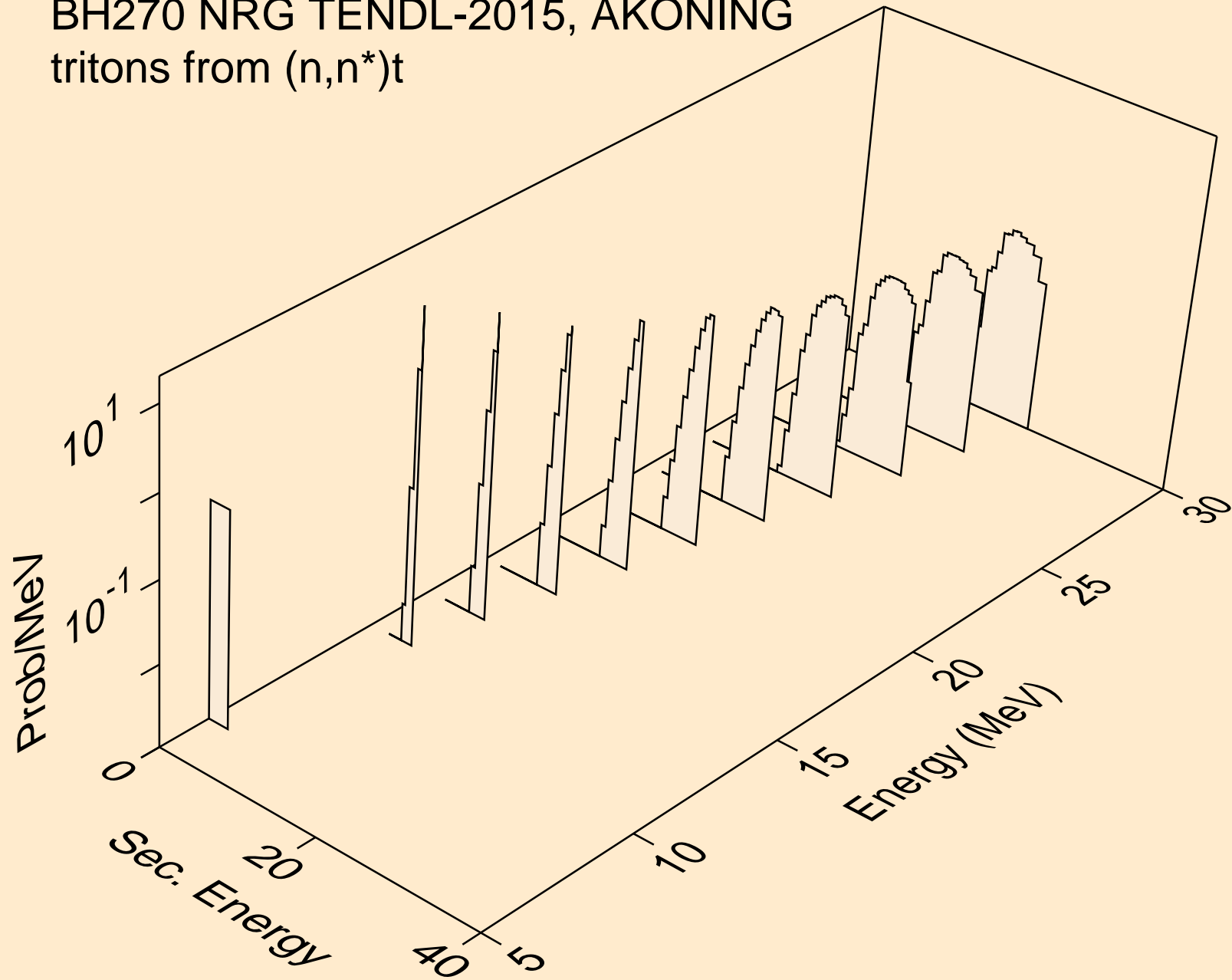
BH270 NRG TENDL-2015, AKONING  
deuterons from (n,da)



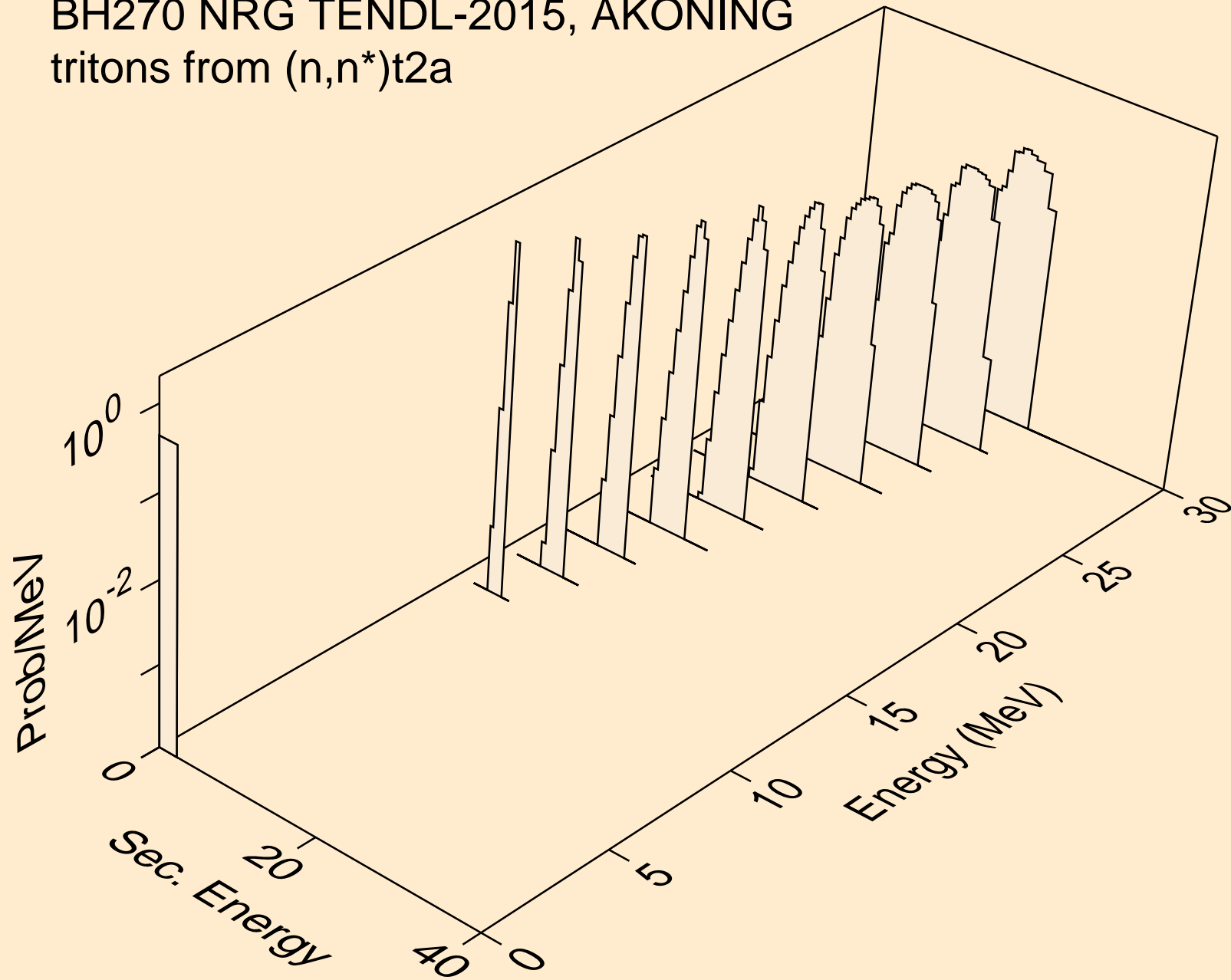
BH270 NRG TENDL-2015, AKONING  
tritons from (n,x)



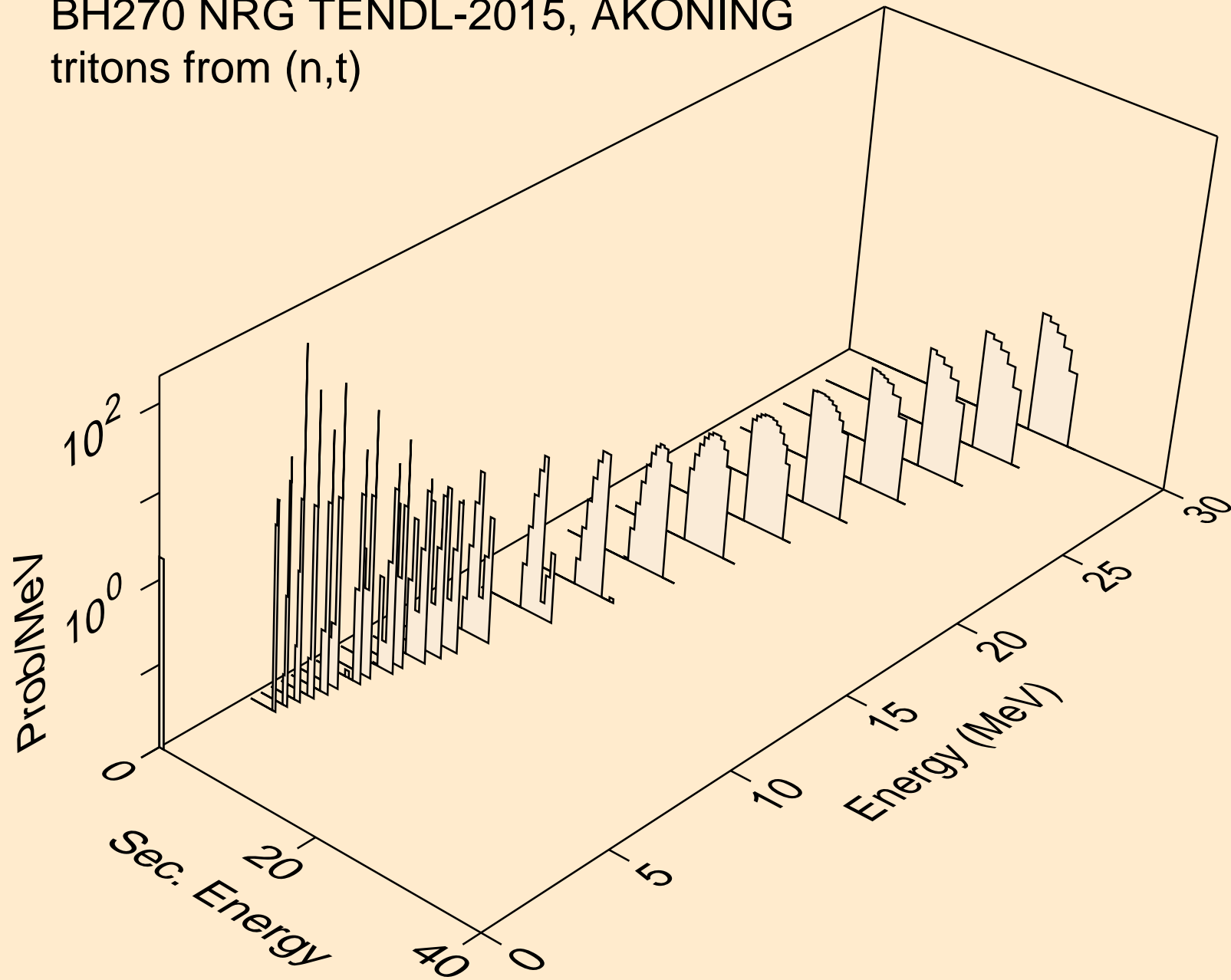
BH270 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



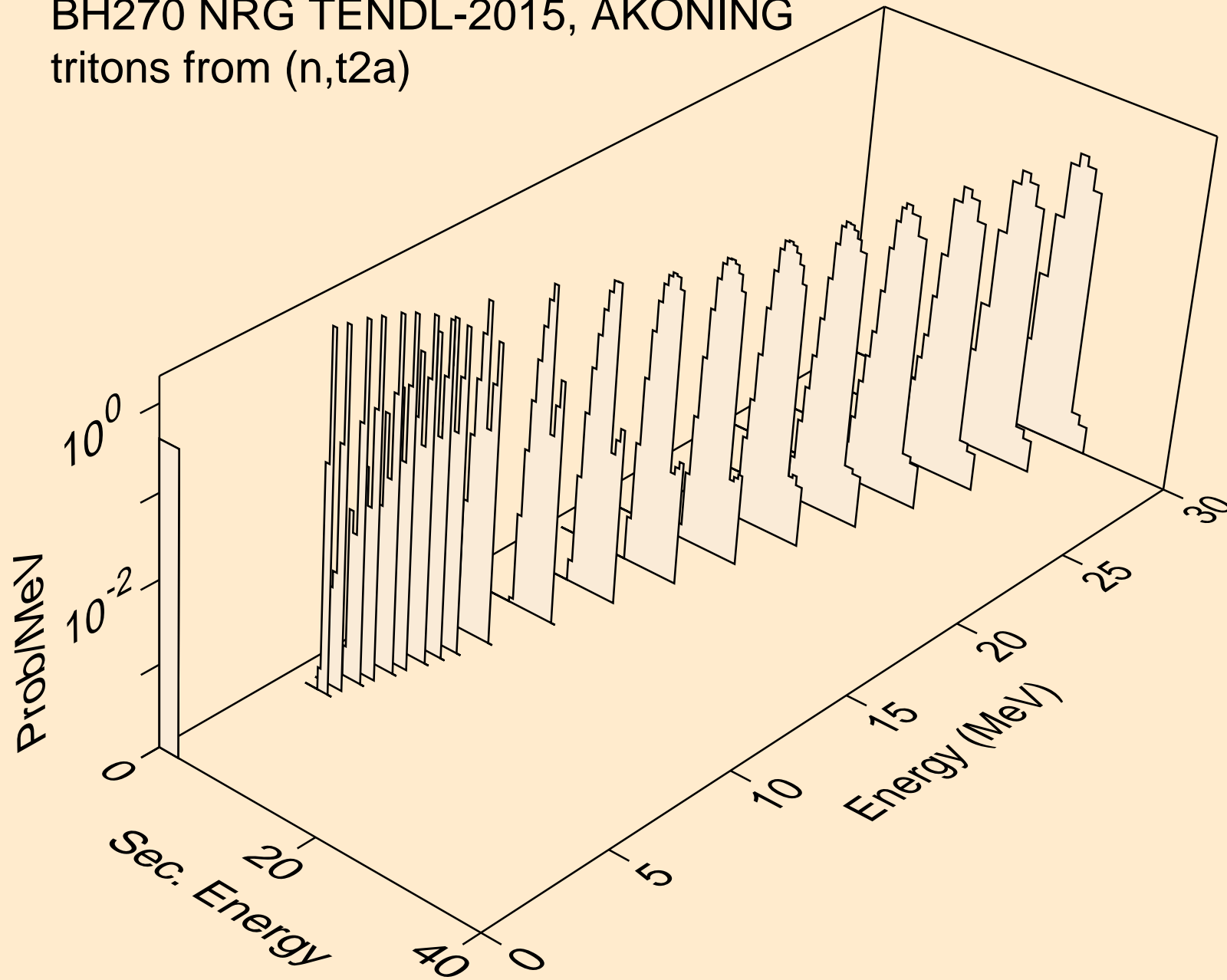
BH270 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



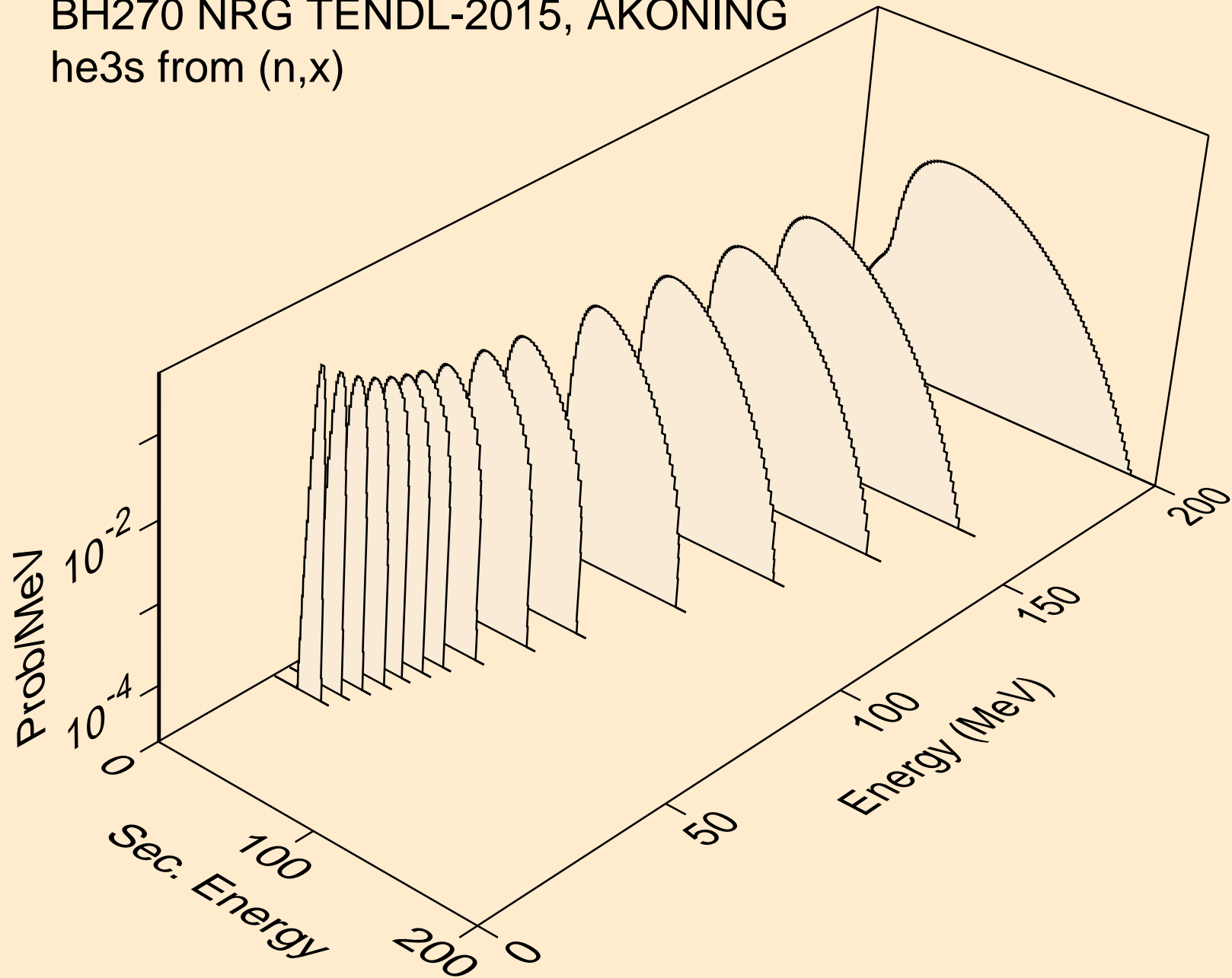
BH270 NRG TENDL-2015, AKONING  
tritons from (n,t)



BH270 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

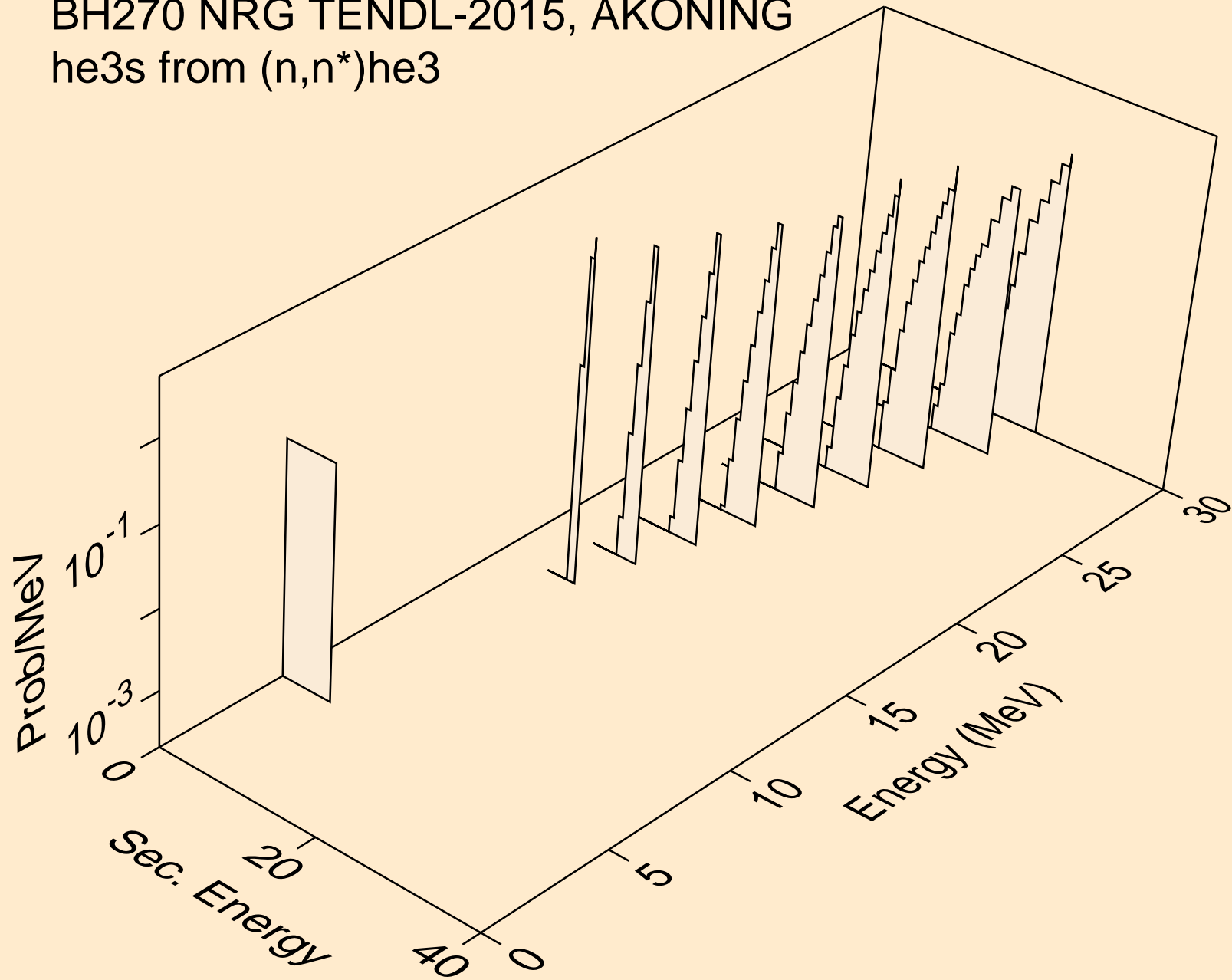


BH270 NRG TENDL-2015, AKONING  
he3s from (n,x)

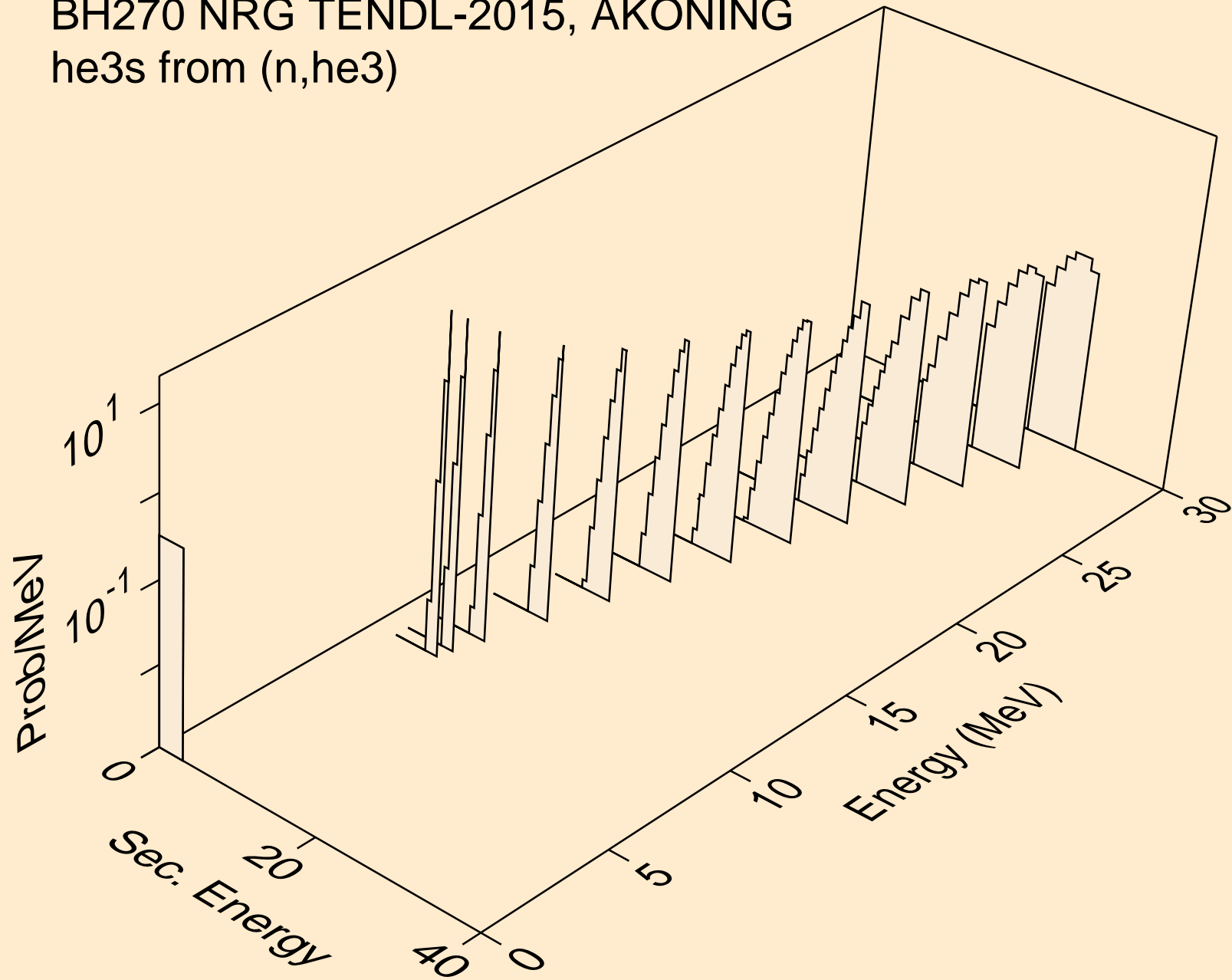




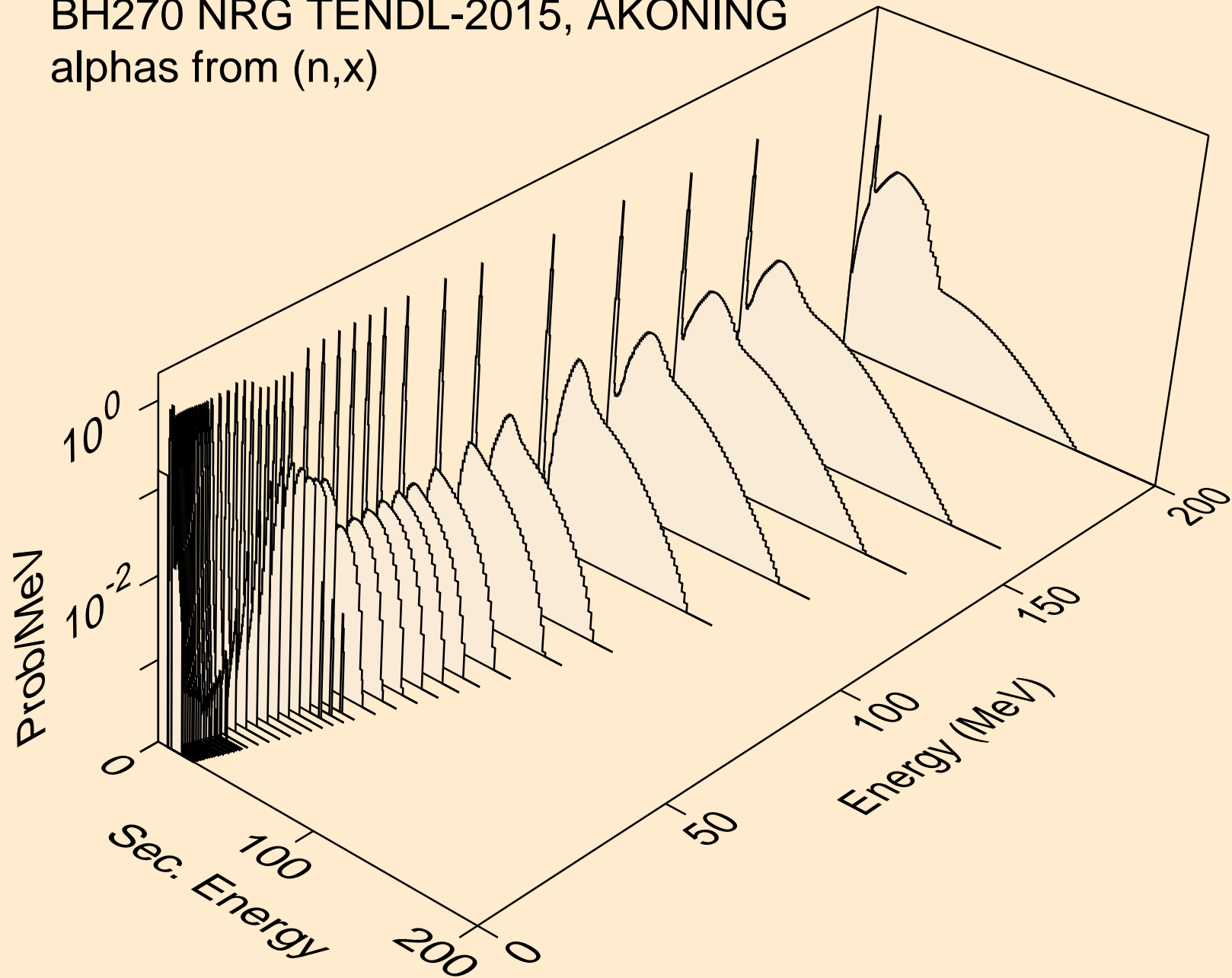
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he3s from (n,n\*)he3



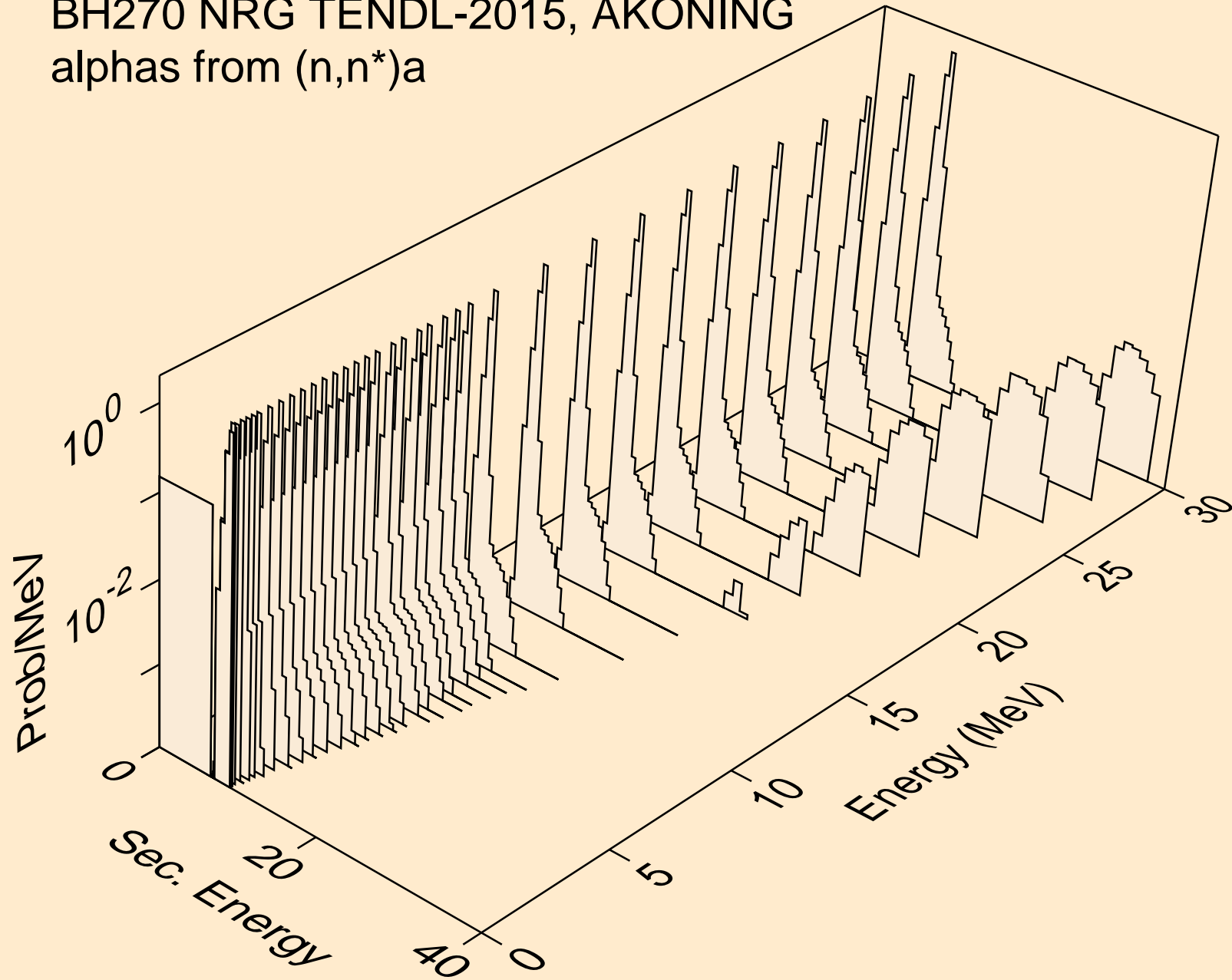
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he3s from (n,he3)



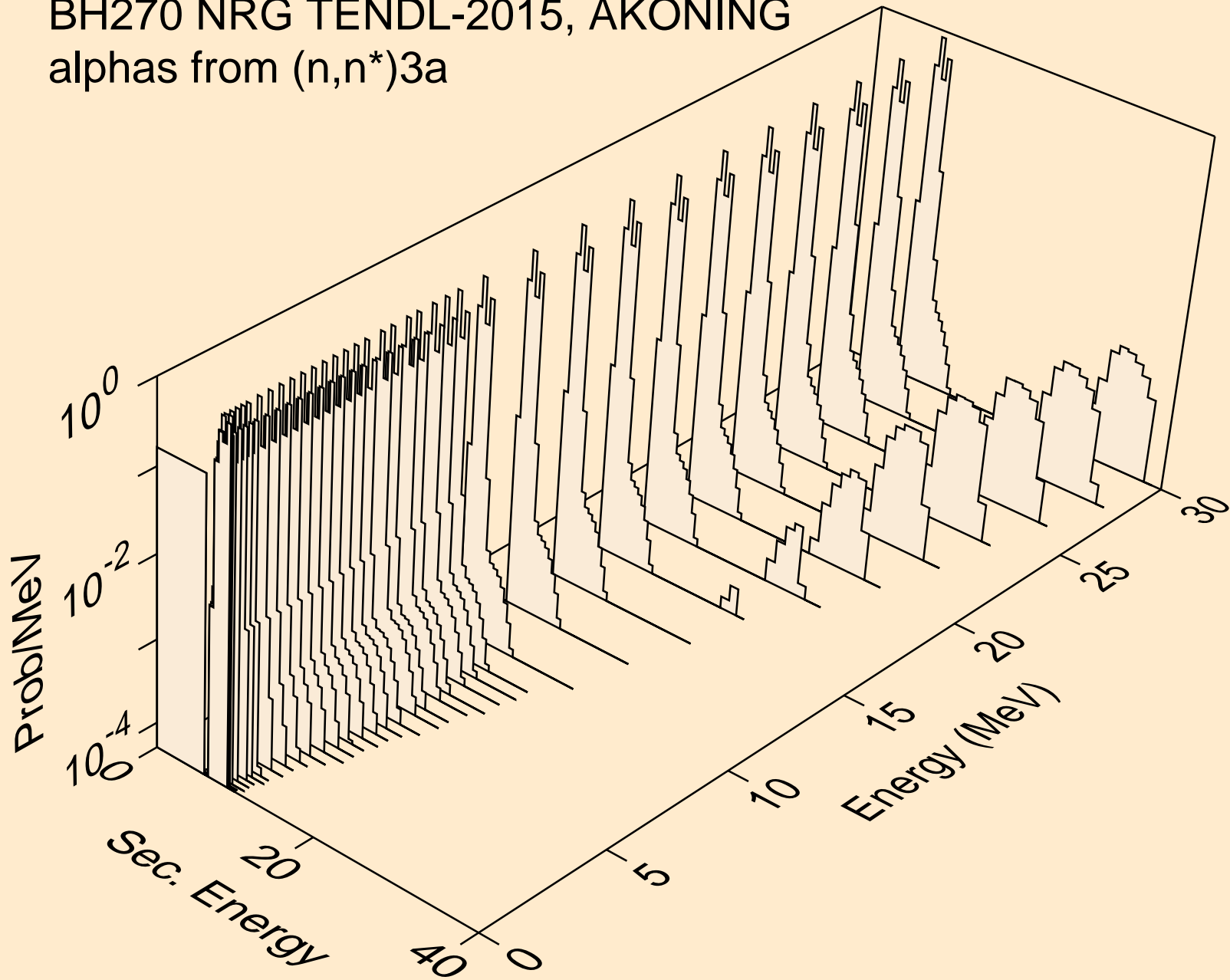
BH270 NRG TENDL-2015, AKONING  
alphas from (n,x)



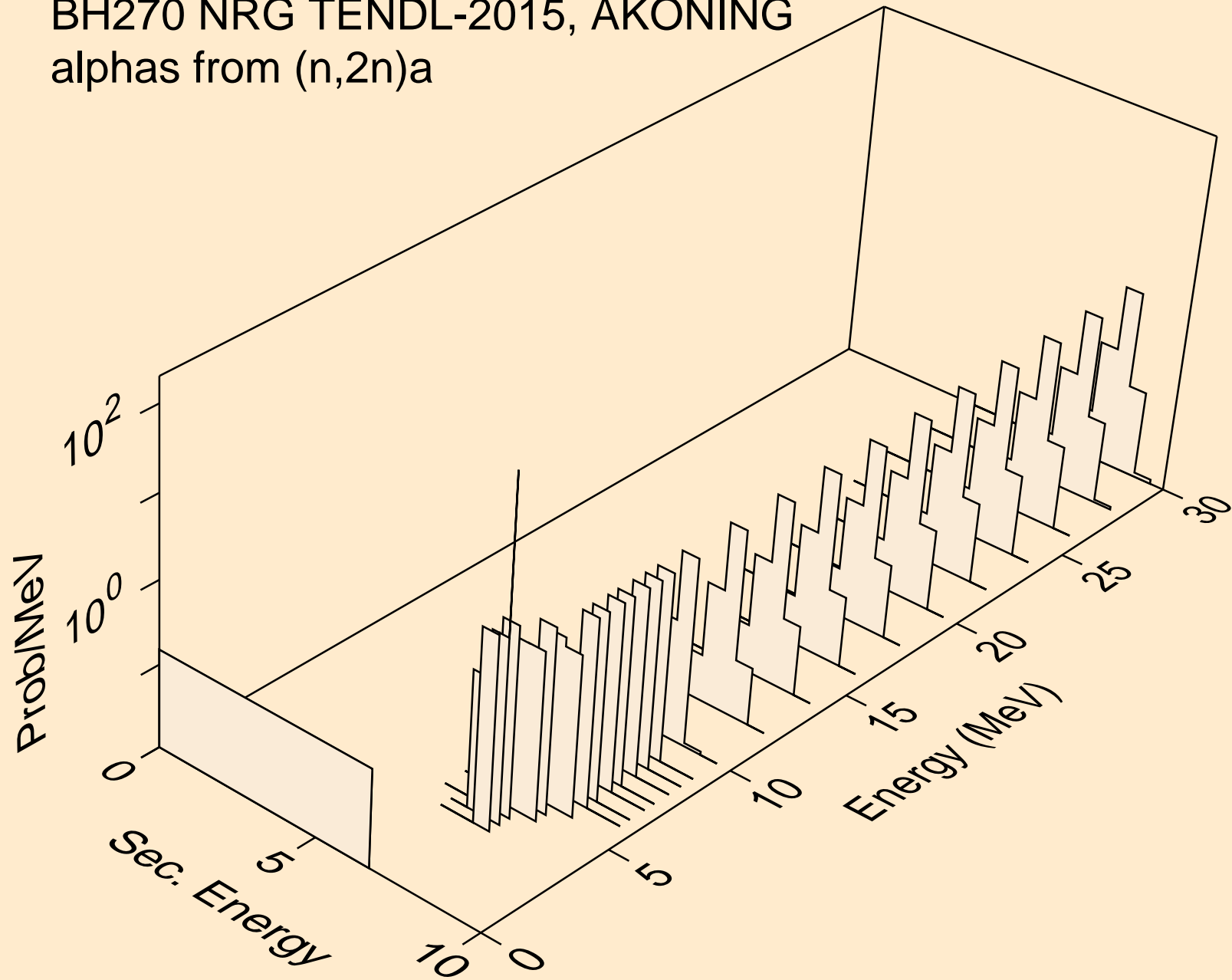
BH270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



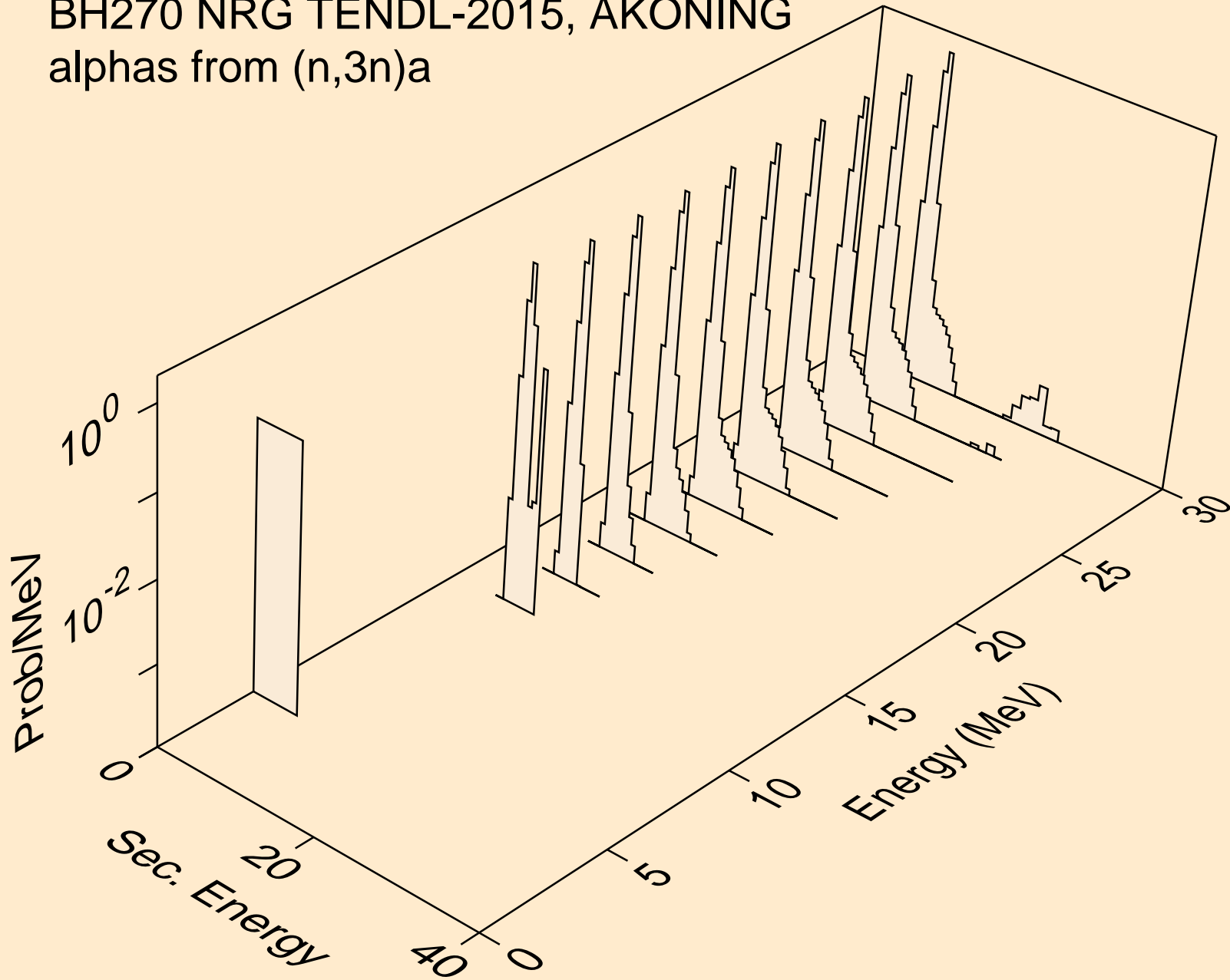
BH270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



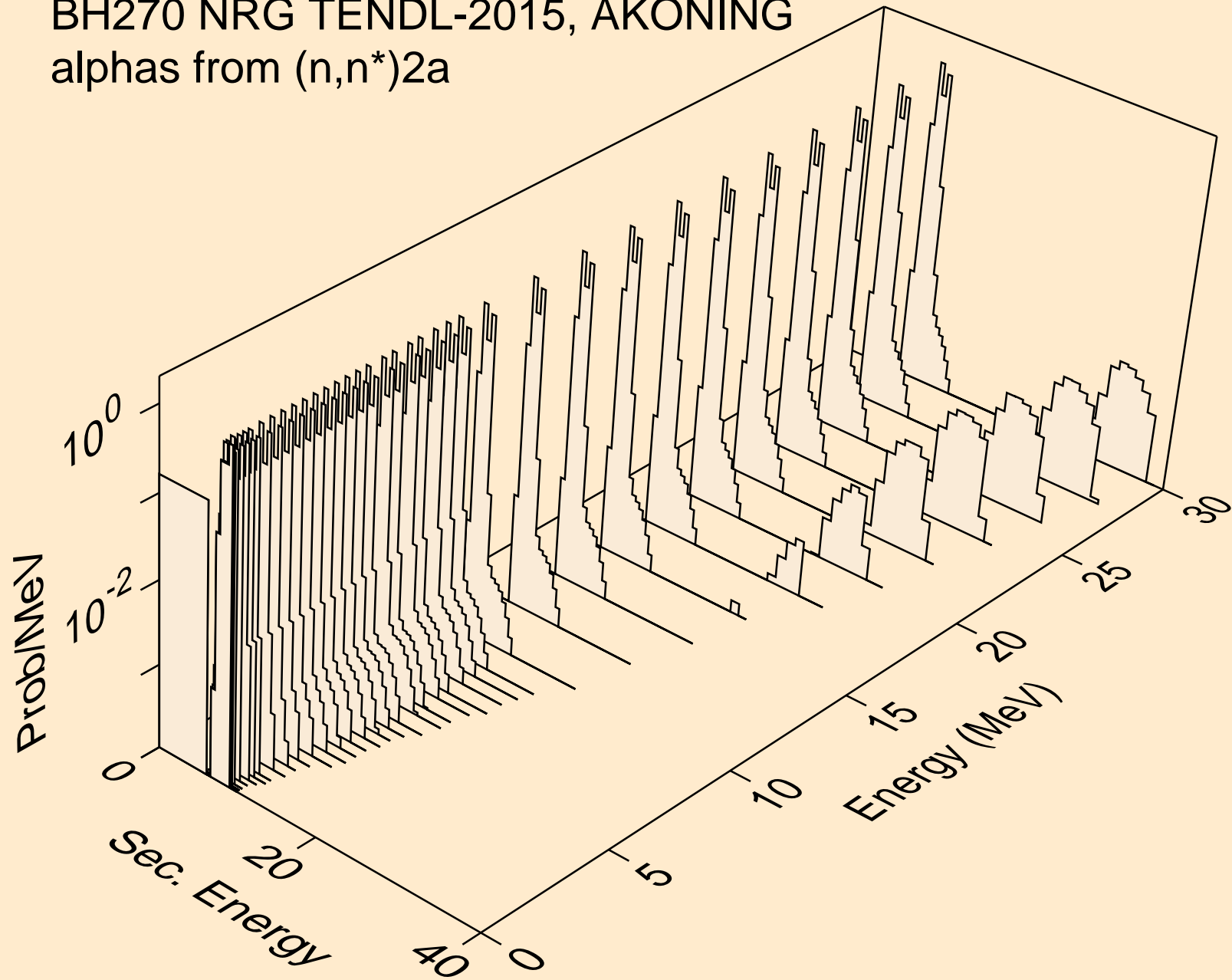
BH270 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



BH270 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

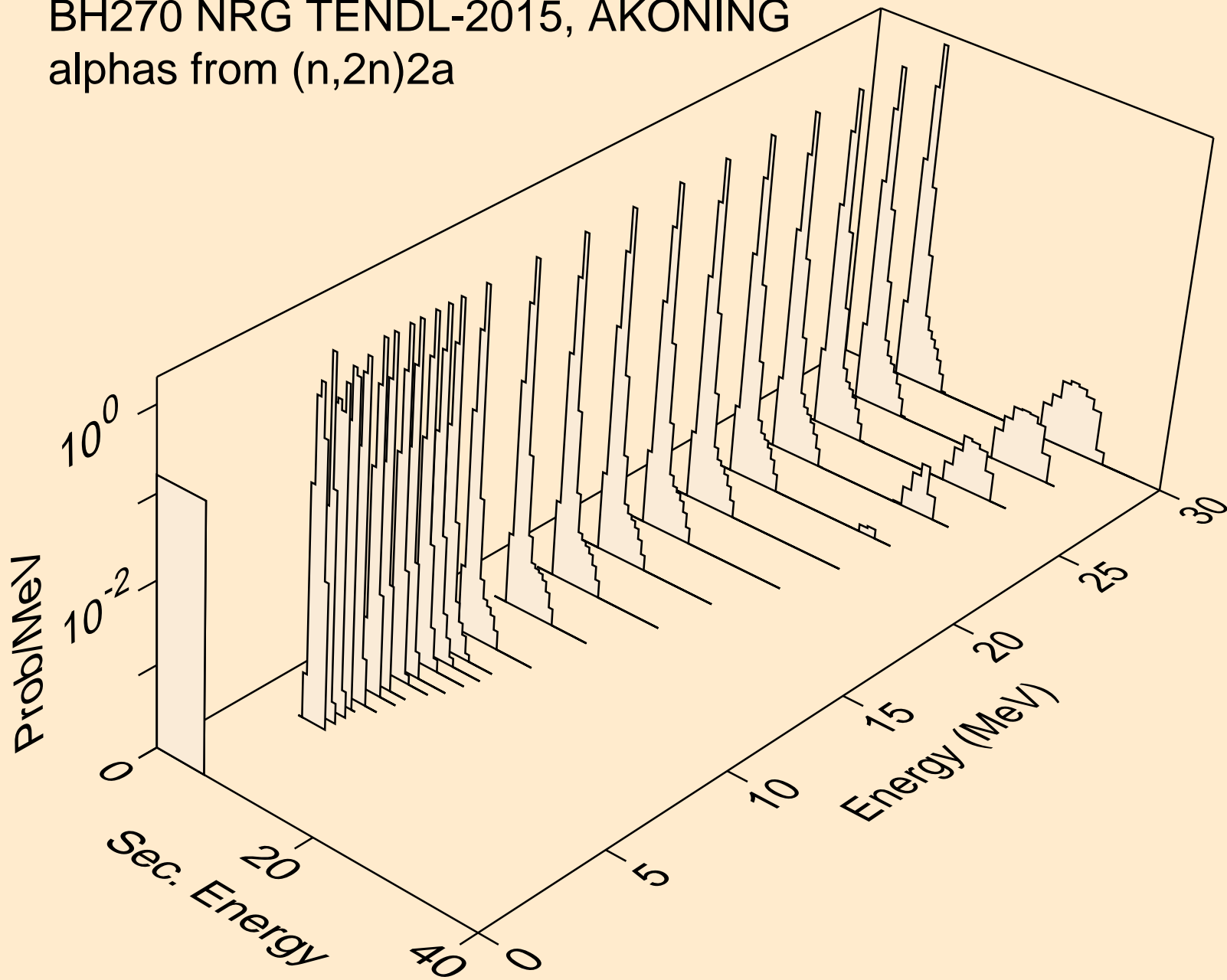


BH270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

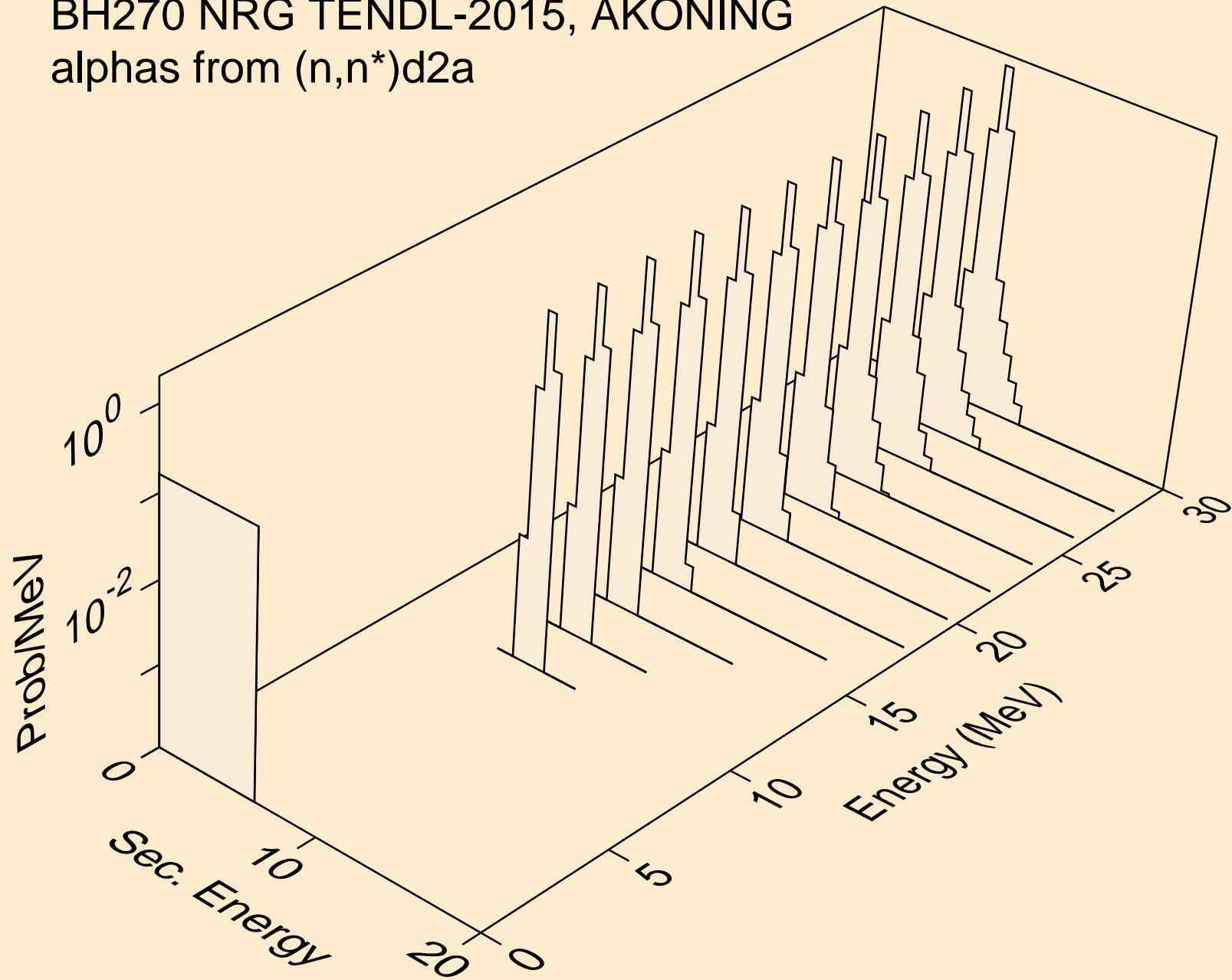




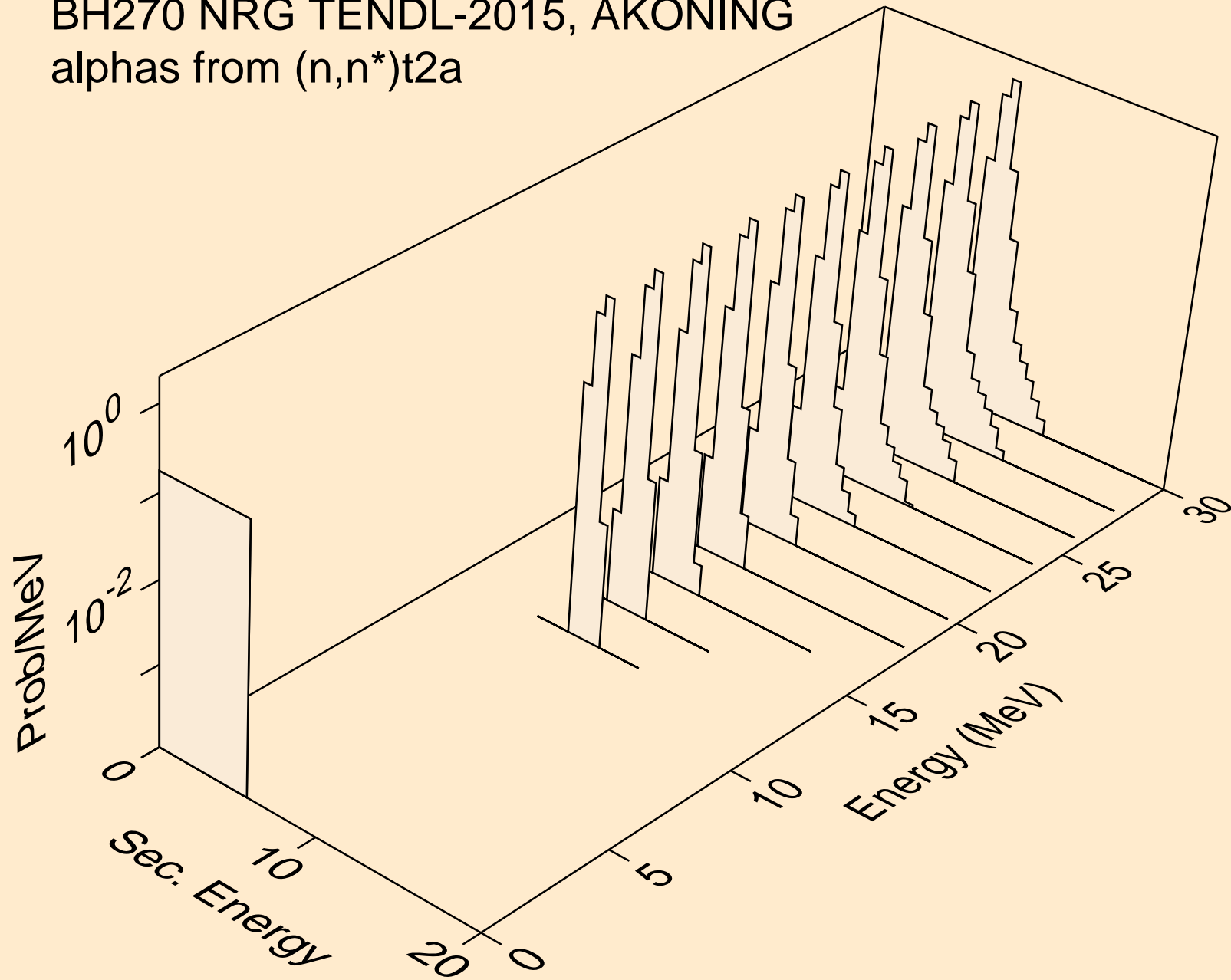
BH270 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



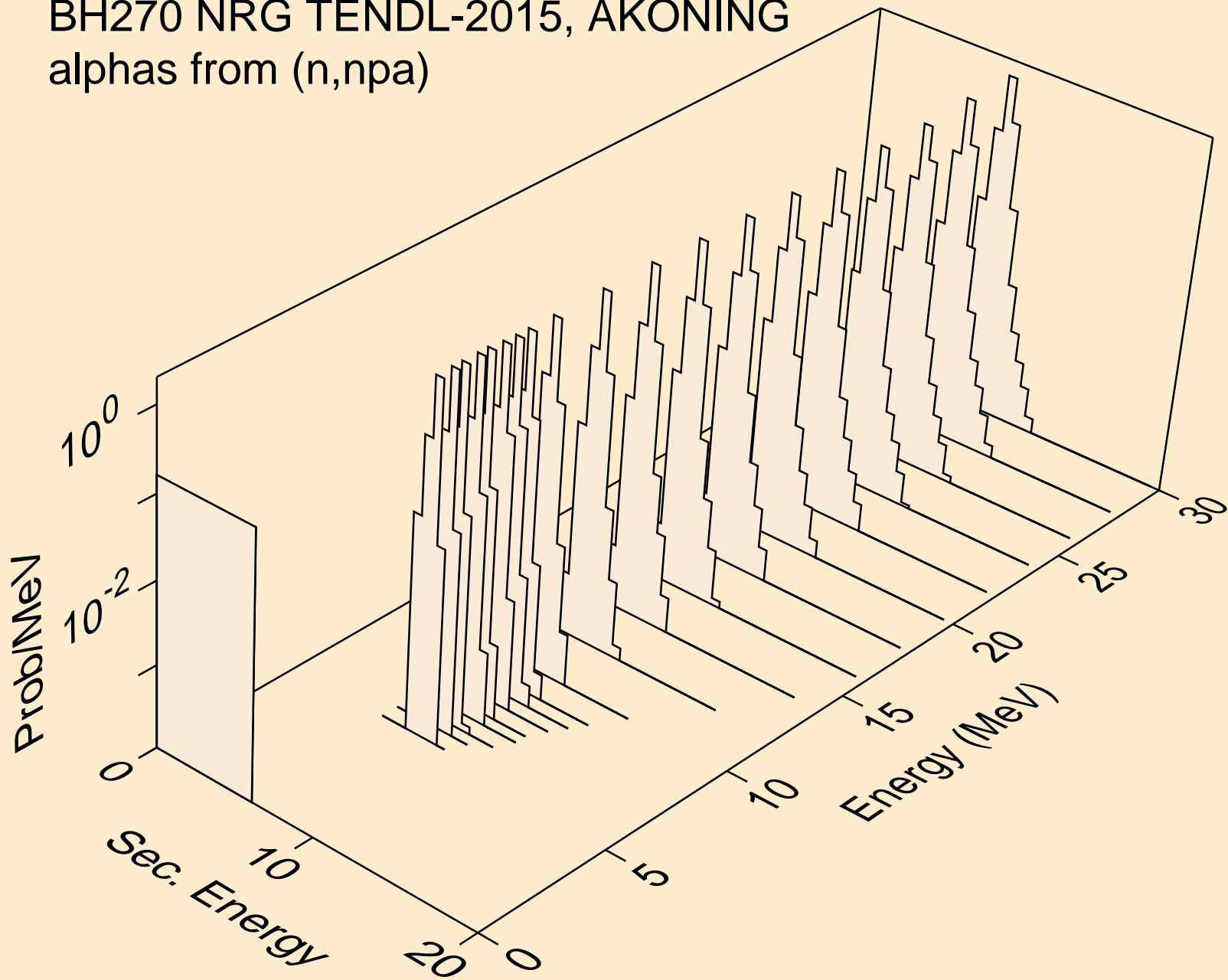
BH270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



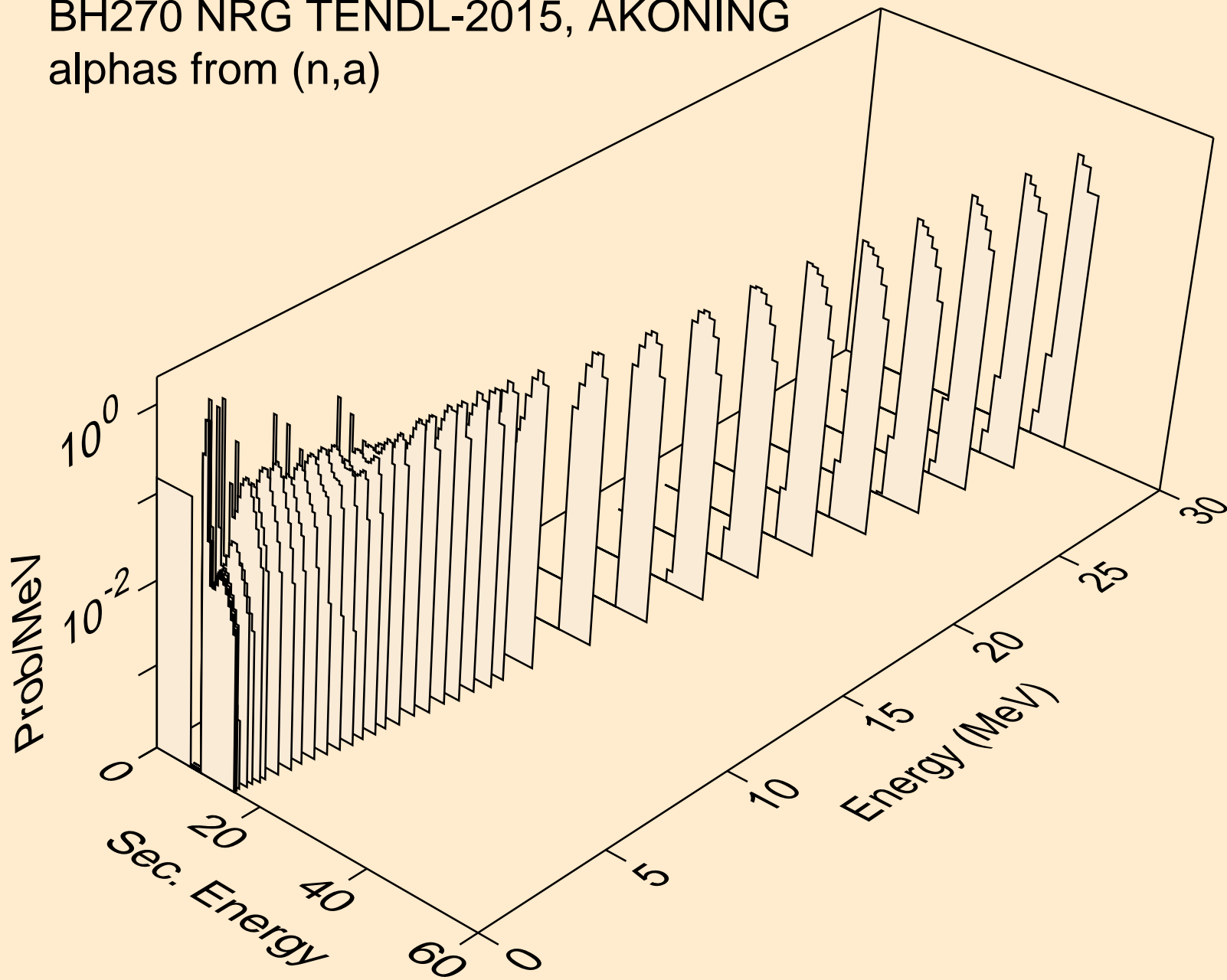
BH270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



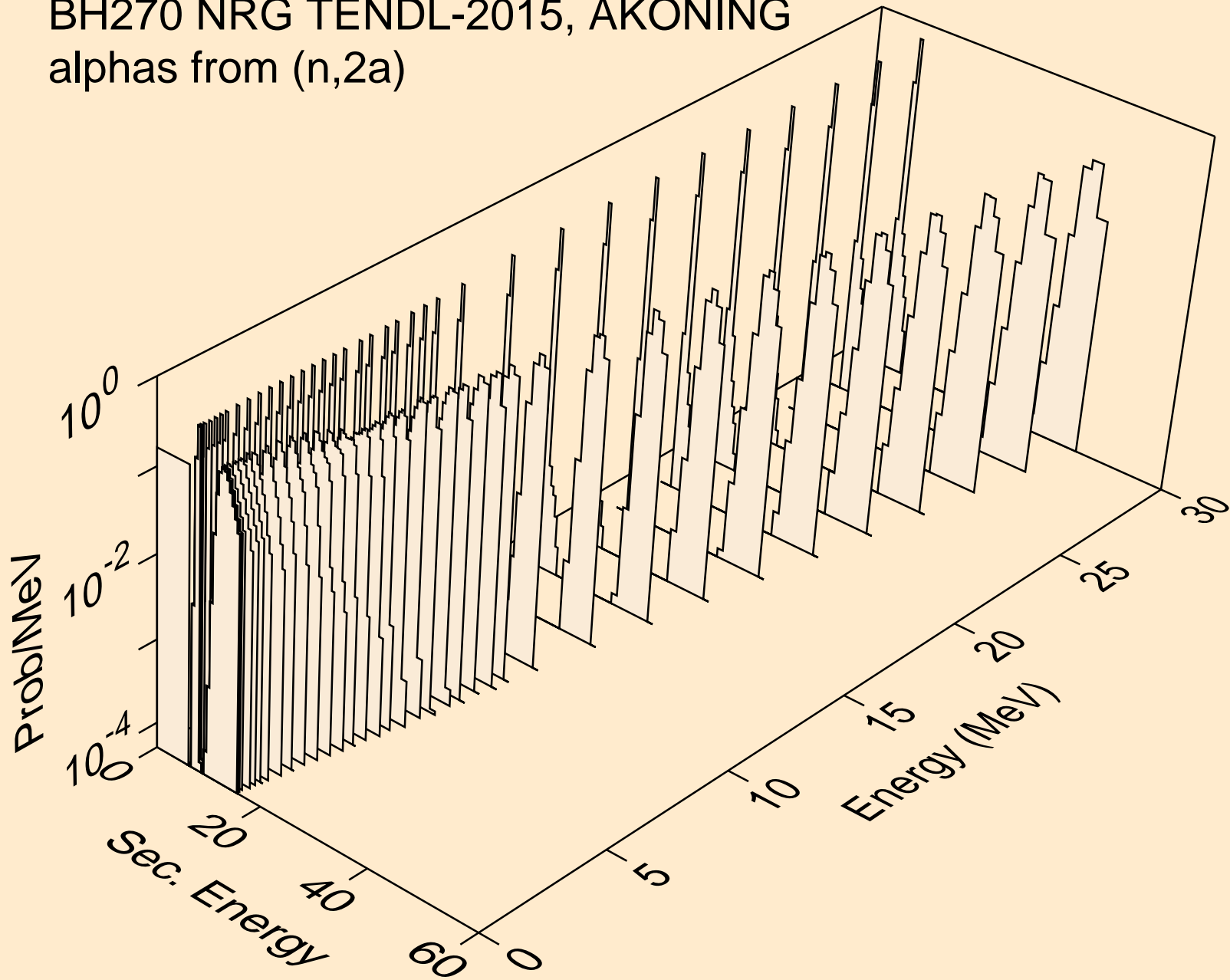
BH270 NRG TENDL-2015, AKONING  
alphas from (n,npa)



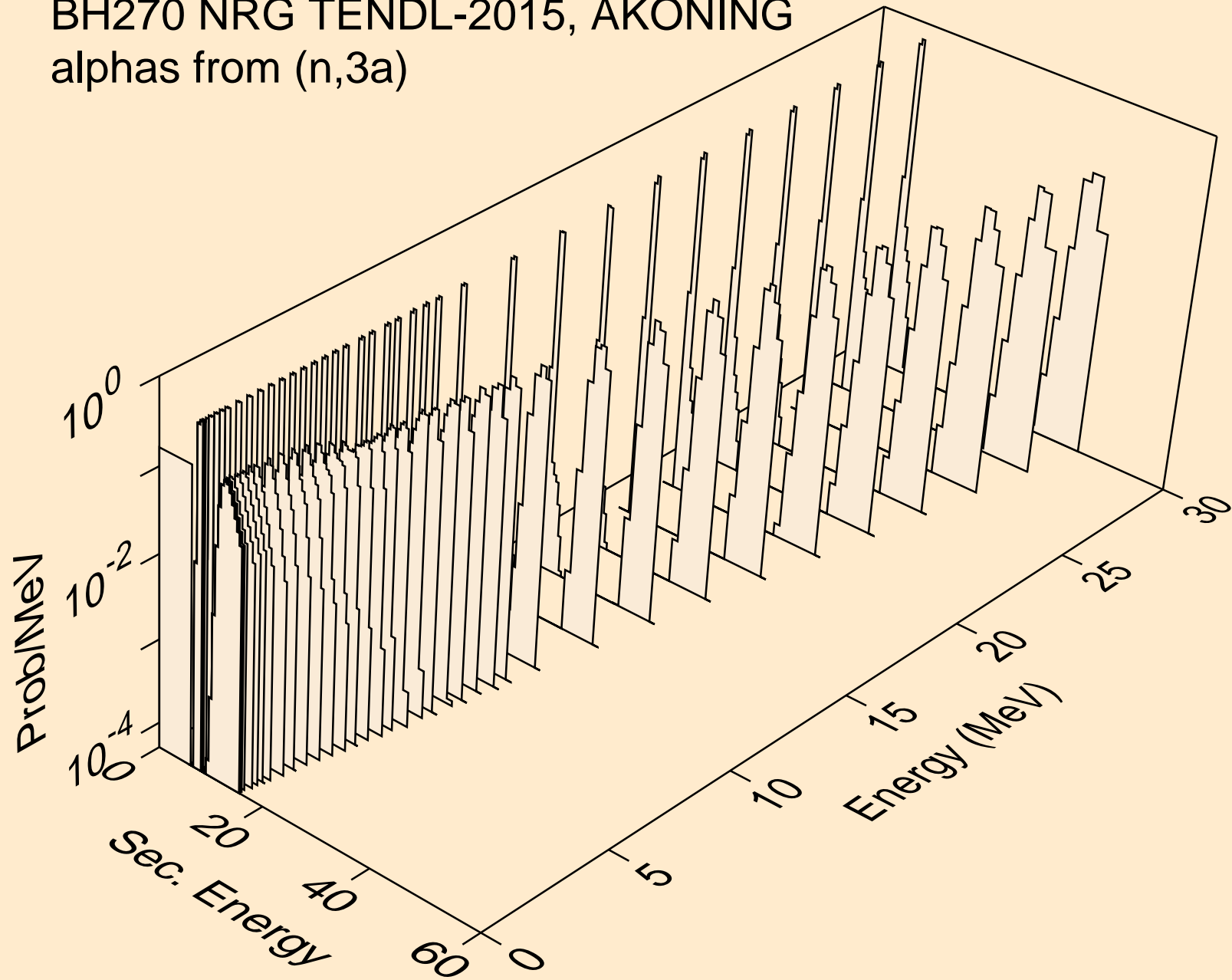
BH270 NRG TENDL-2015, AKONING  
alphas from (n,a)



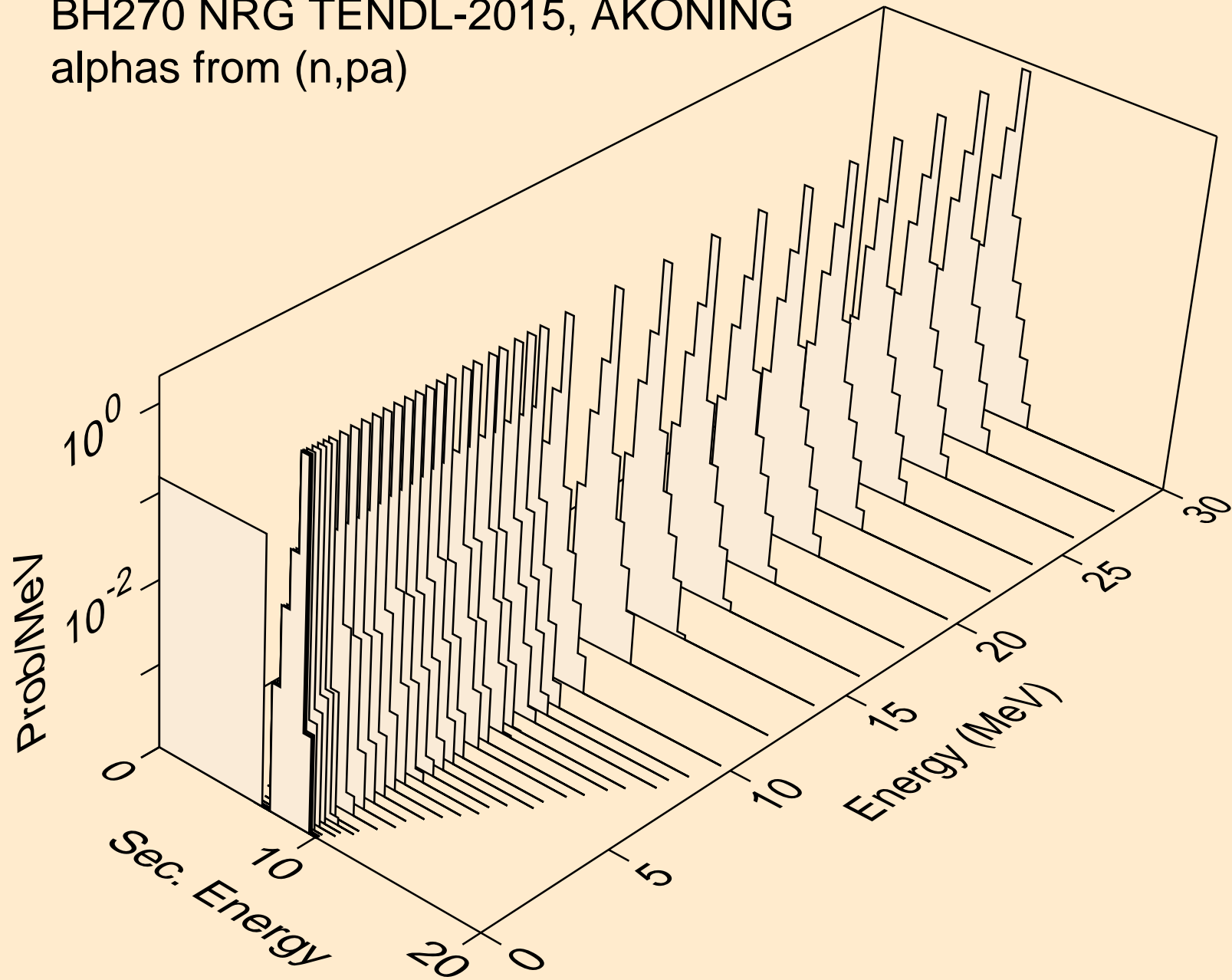
BH270 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BH270 NRG TENDL-2015, AKONING  
alphas from (n,3a)

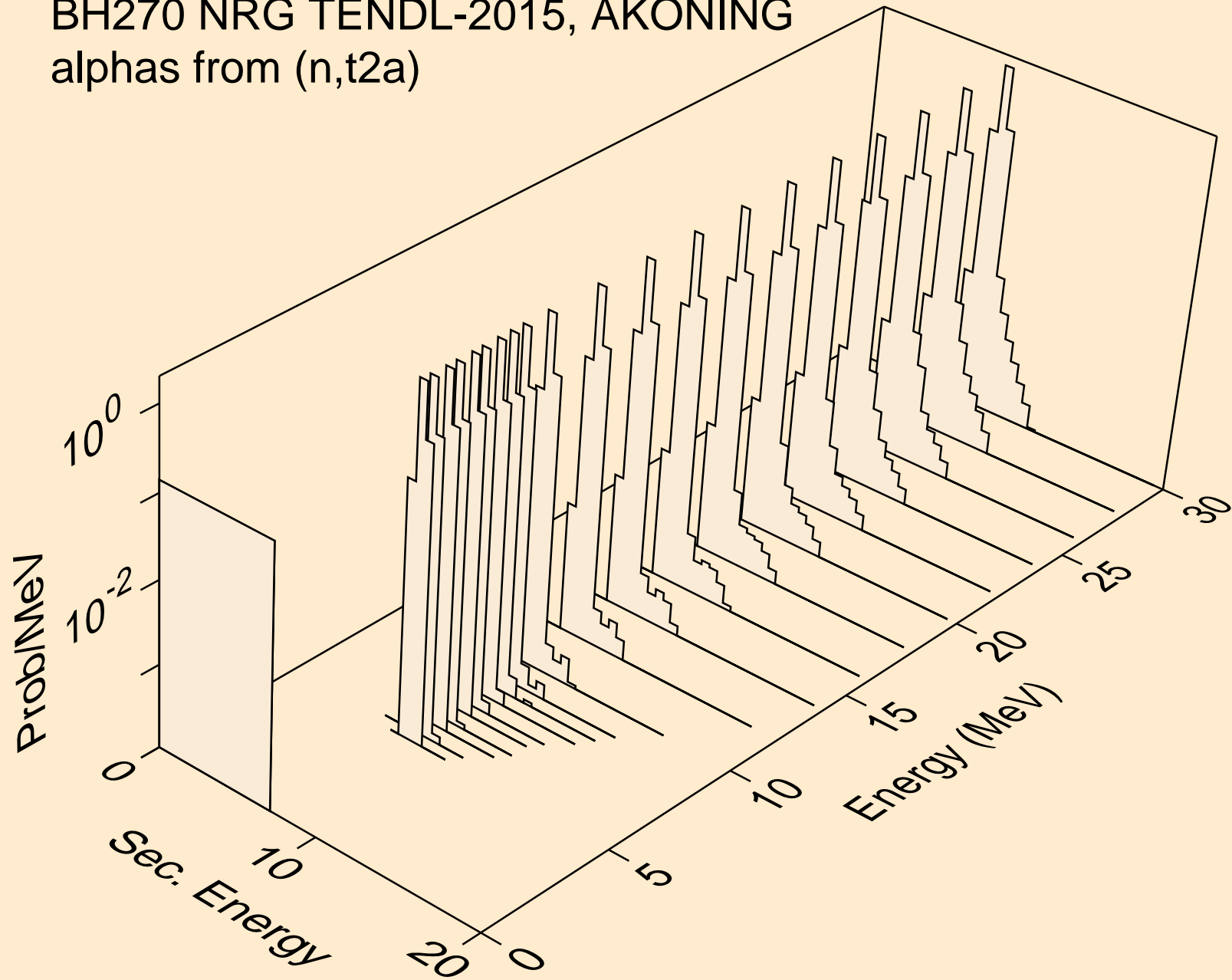


BH270 NRG TENDL-2015, AKONING  
alphas from (n,pa)

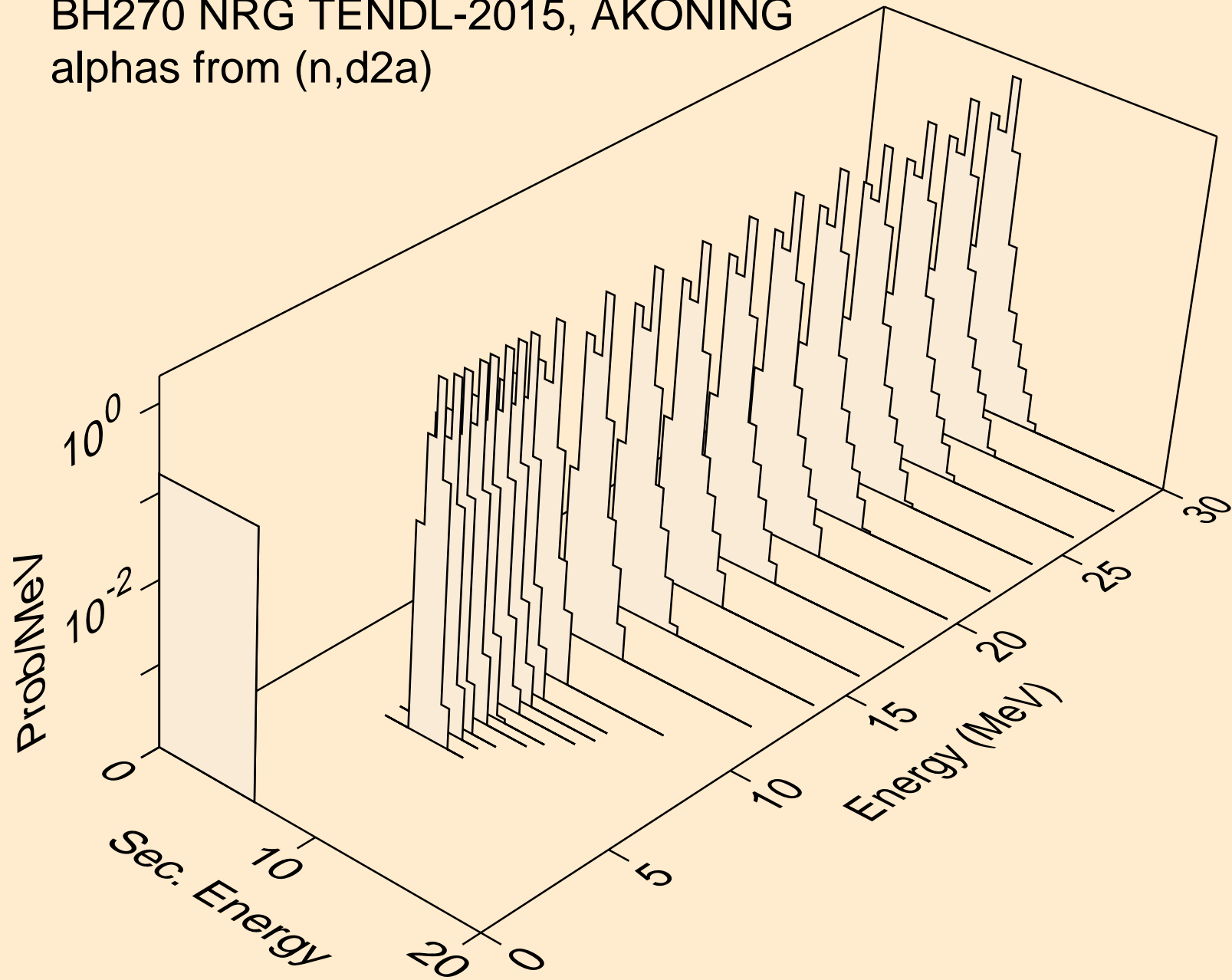




BH270 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BH270 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BH270 NRG TENDL-2015, AKONING  
alphas from (n,da)

