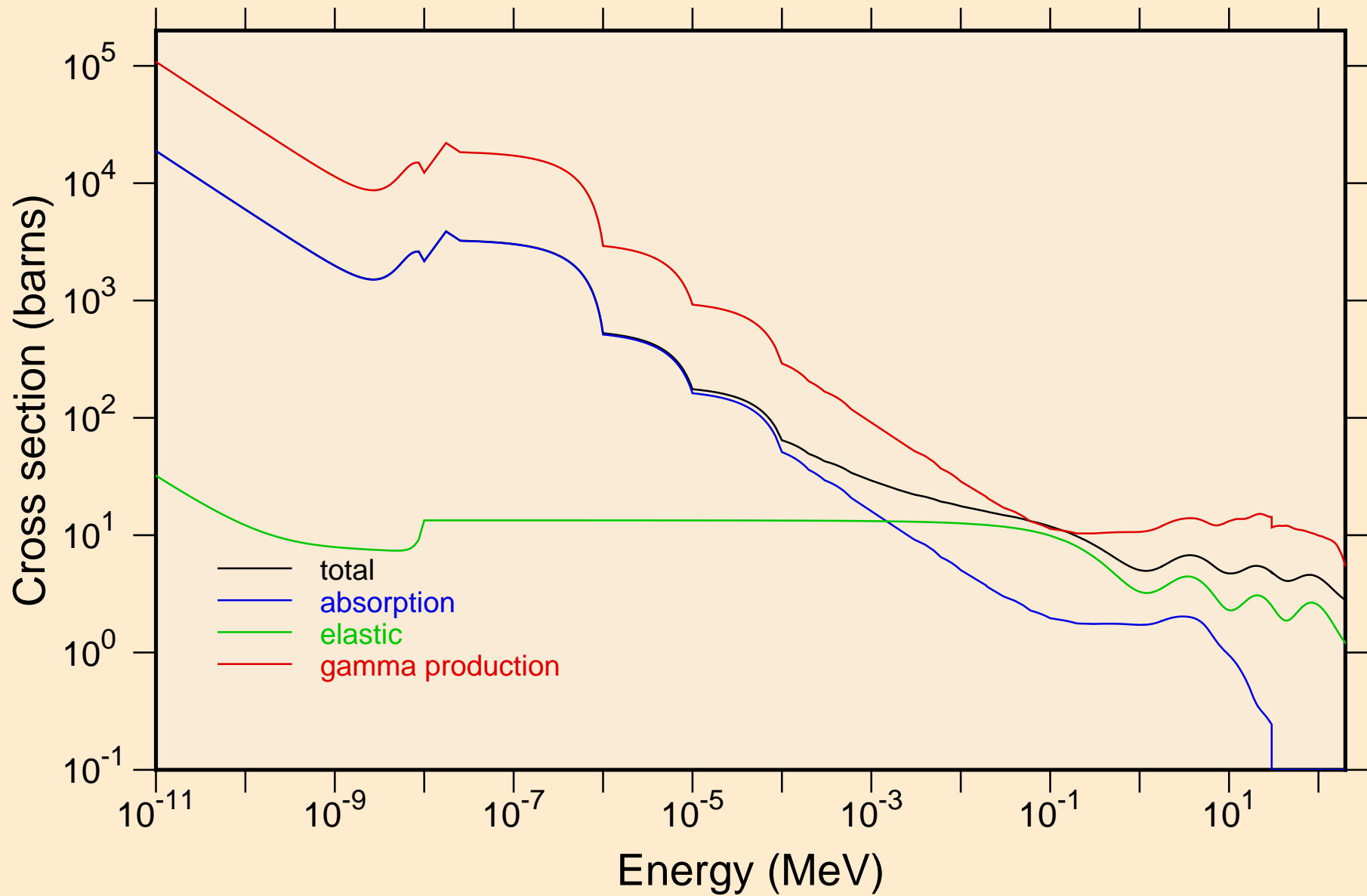


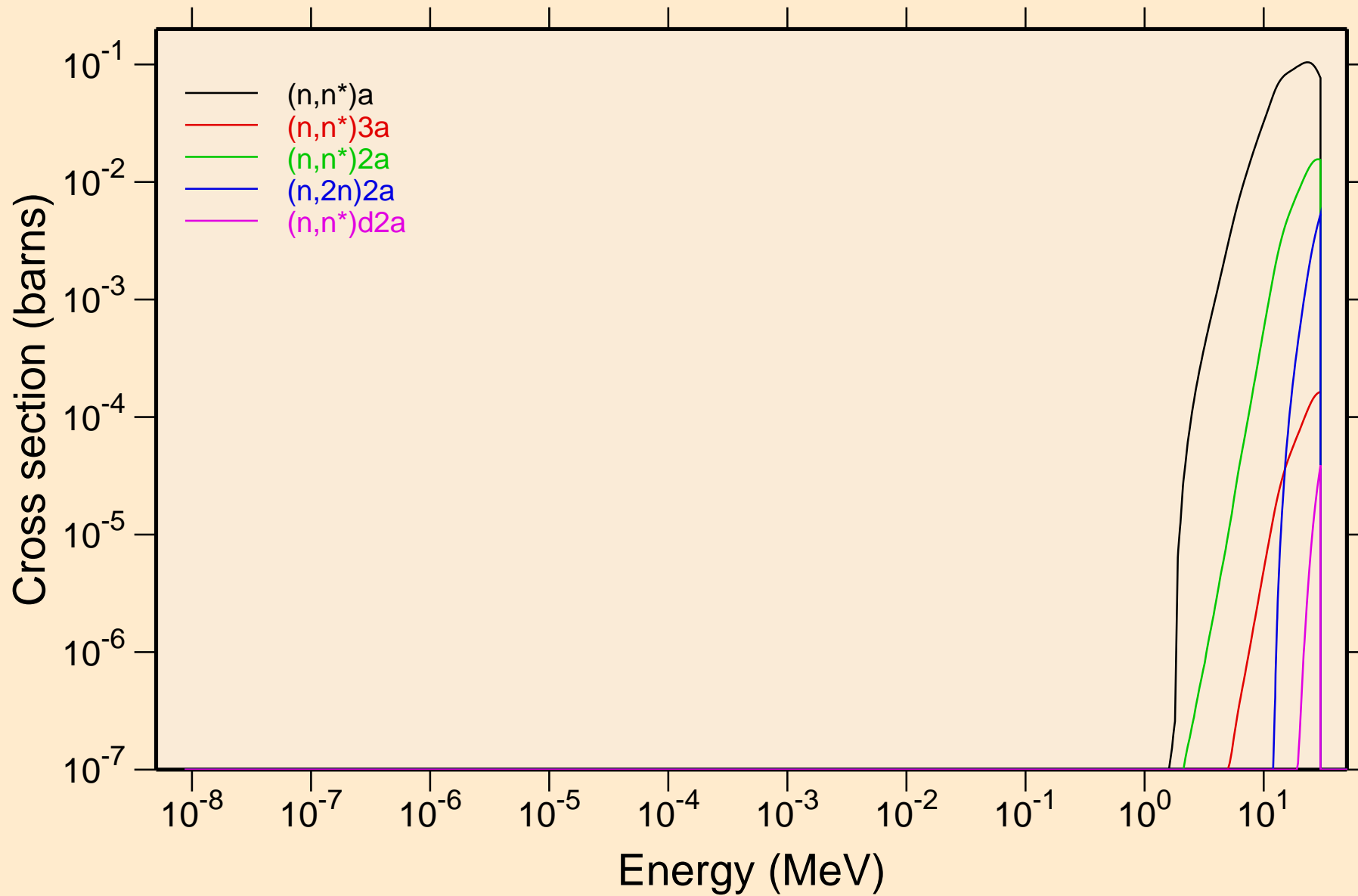
# PB187 NRG TENDL-2015, AKONING

## Principal cross sections

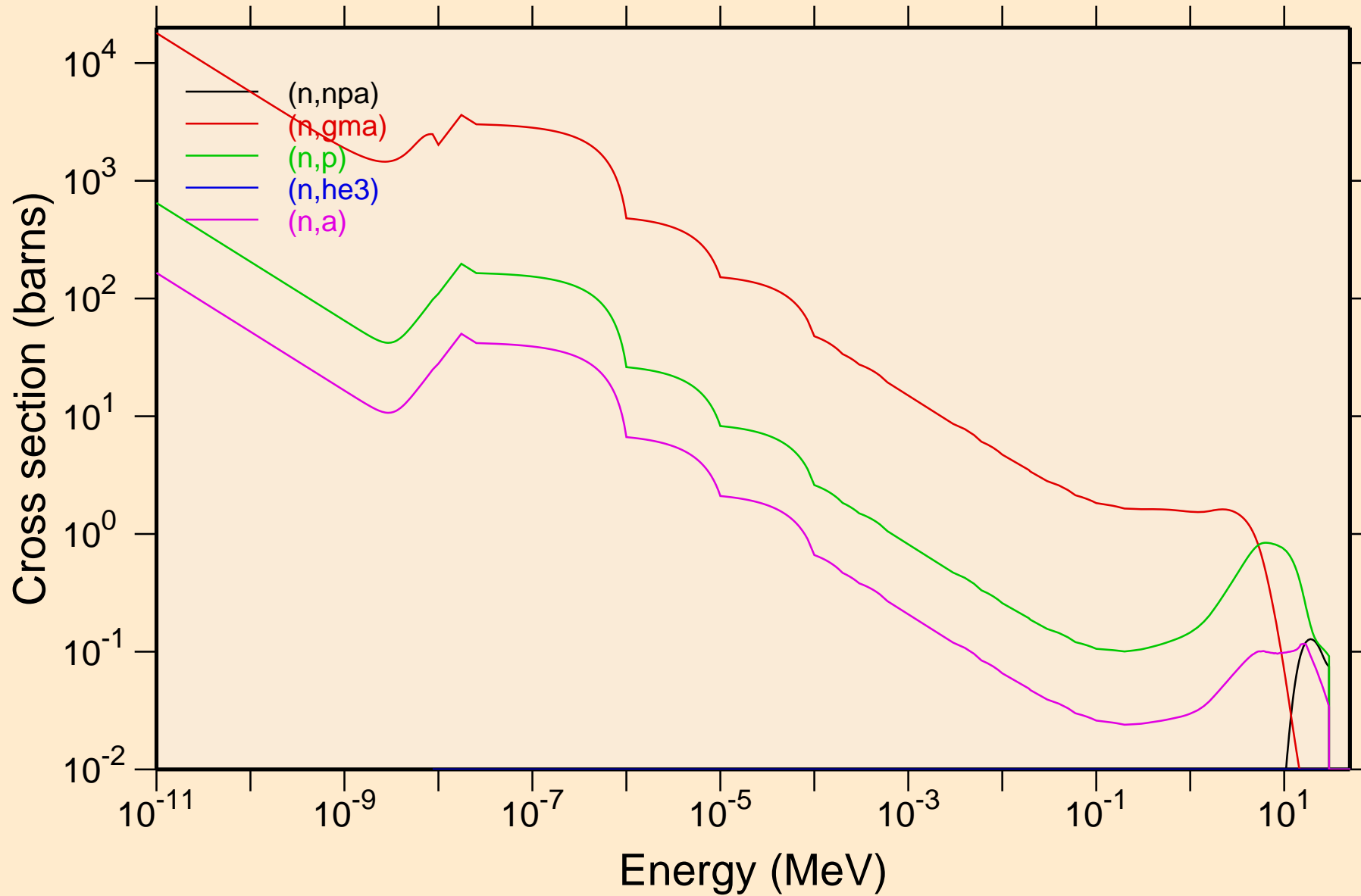


# PB187 NRG TENDL-2015, AKONING

## Non-threshold reactions

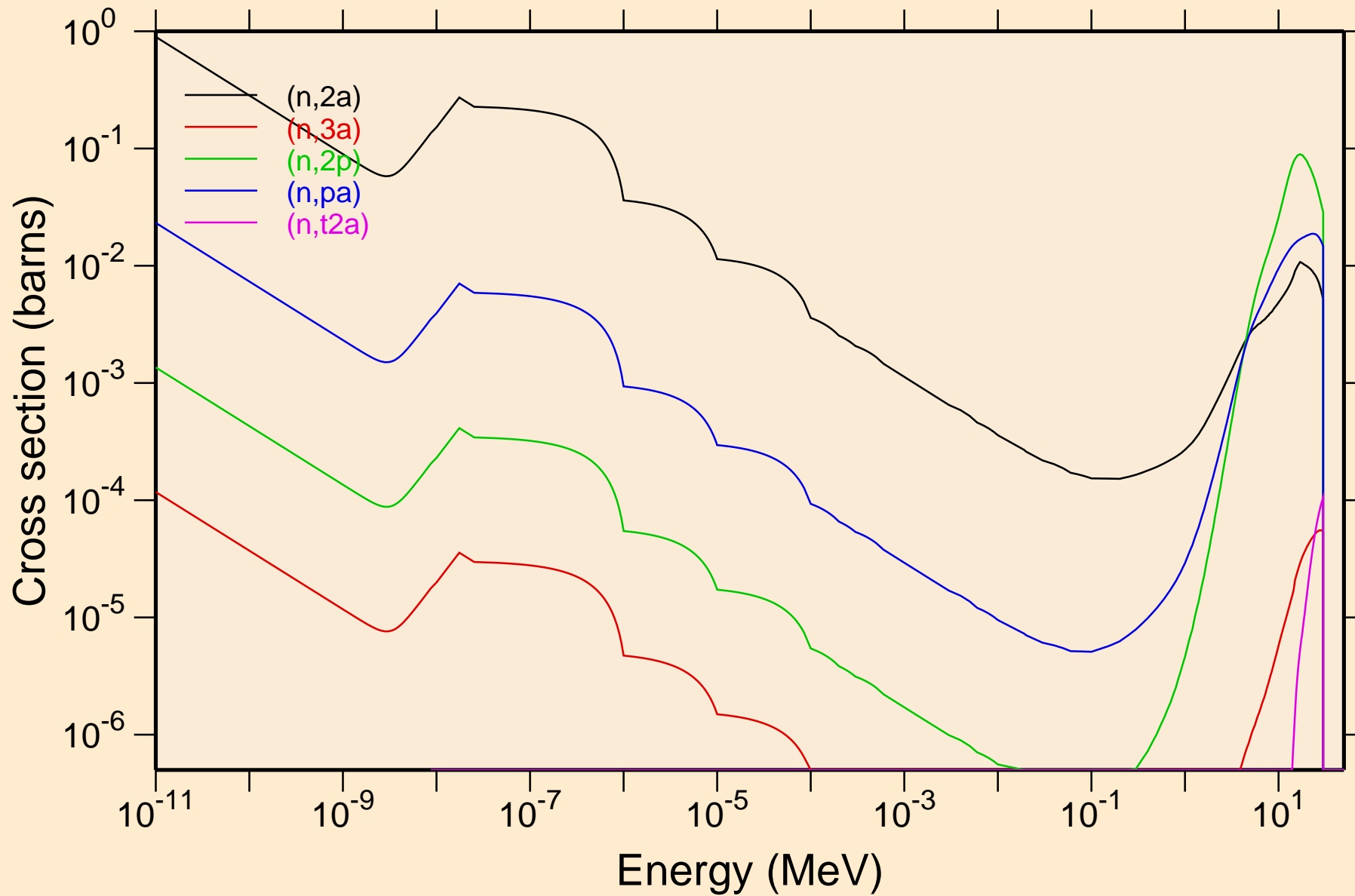


PB187 NRG TENDL-2015, AKONING  
Non-threshold reactions

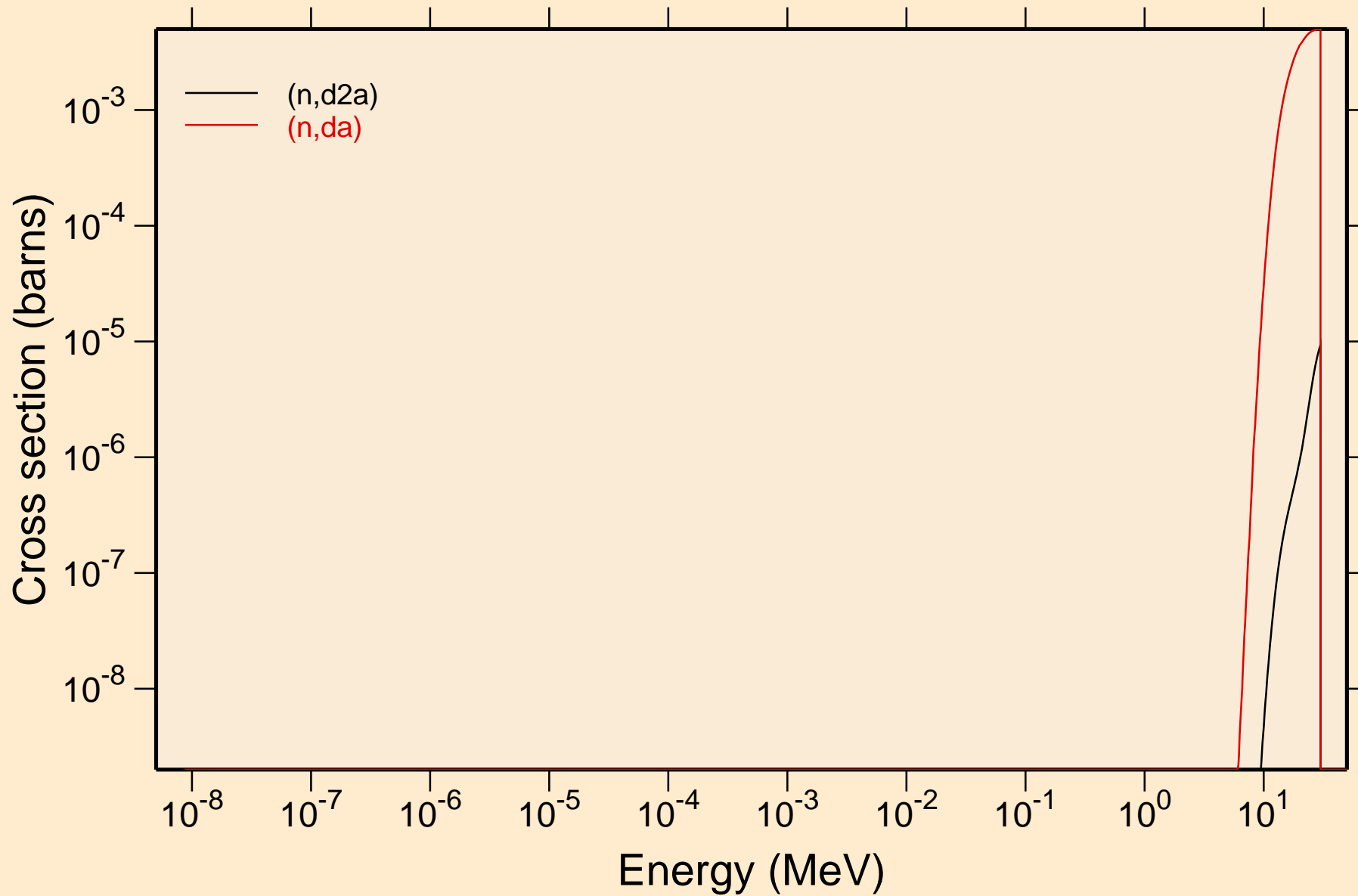


# PB187 NRG TENDL-2015, AKONING

## Non-threshold reactions

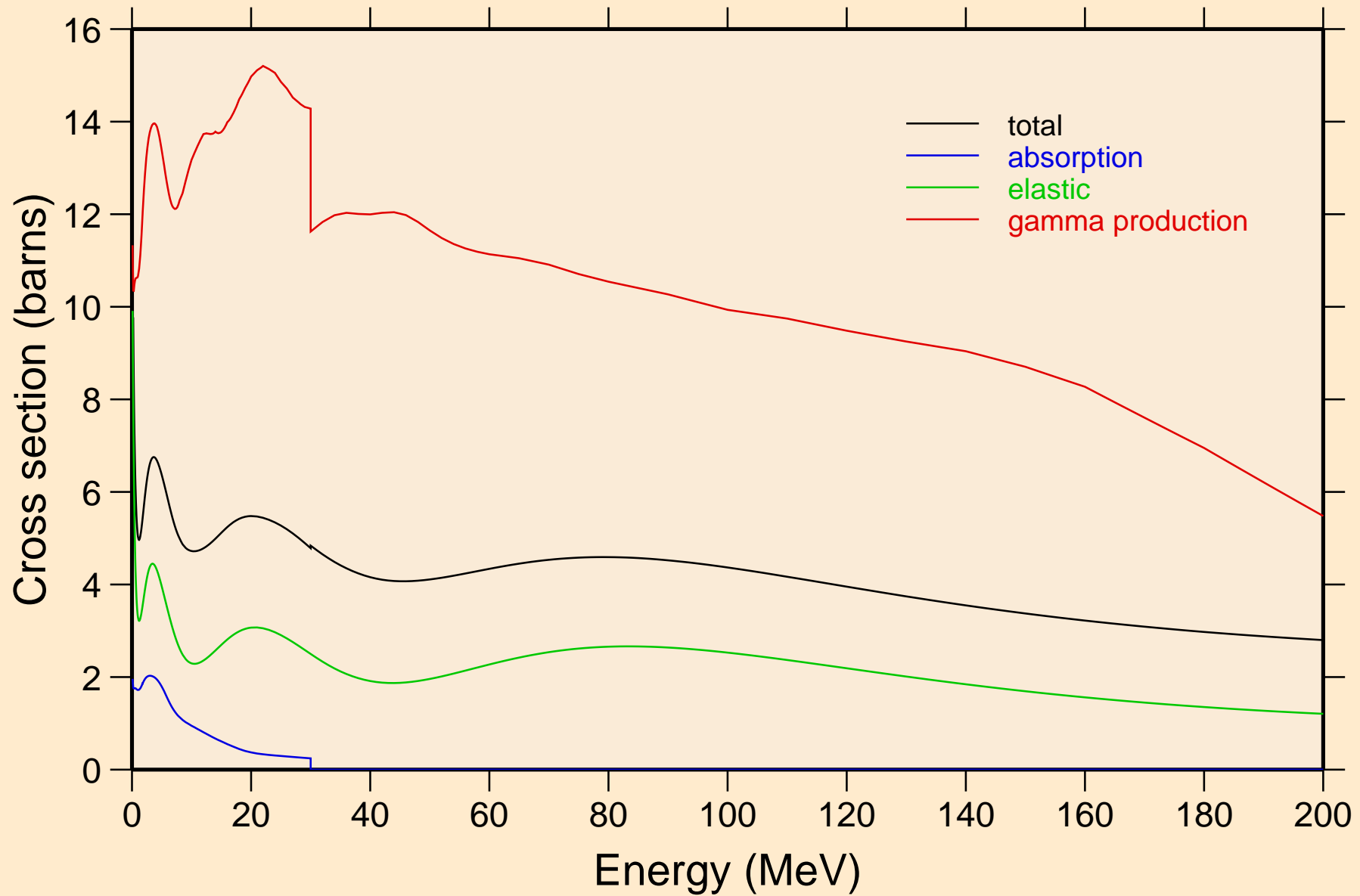


PB187 NRG TENDL-2015, AKONING  
Non-threshold reactions



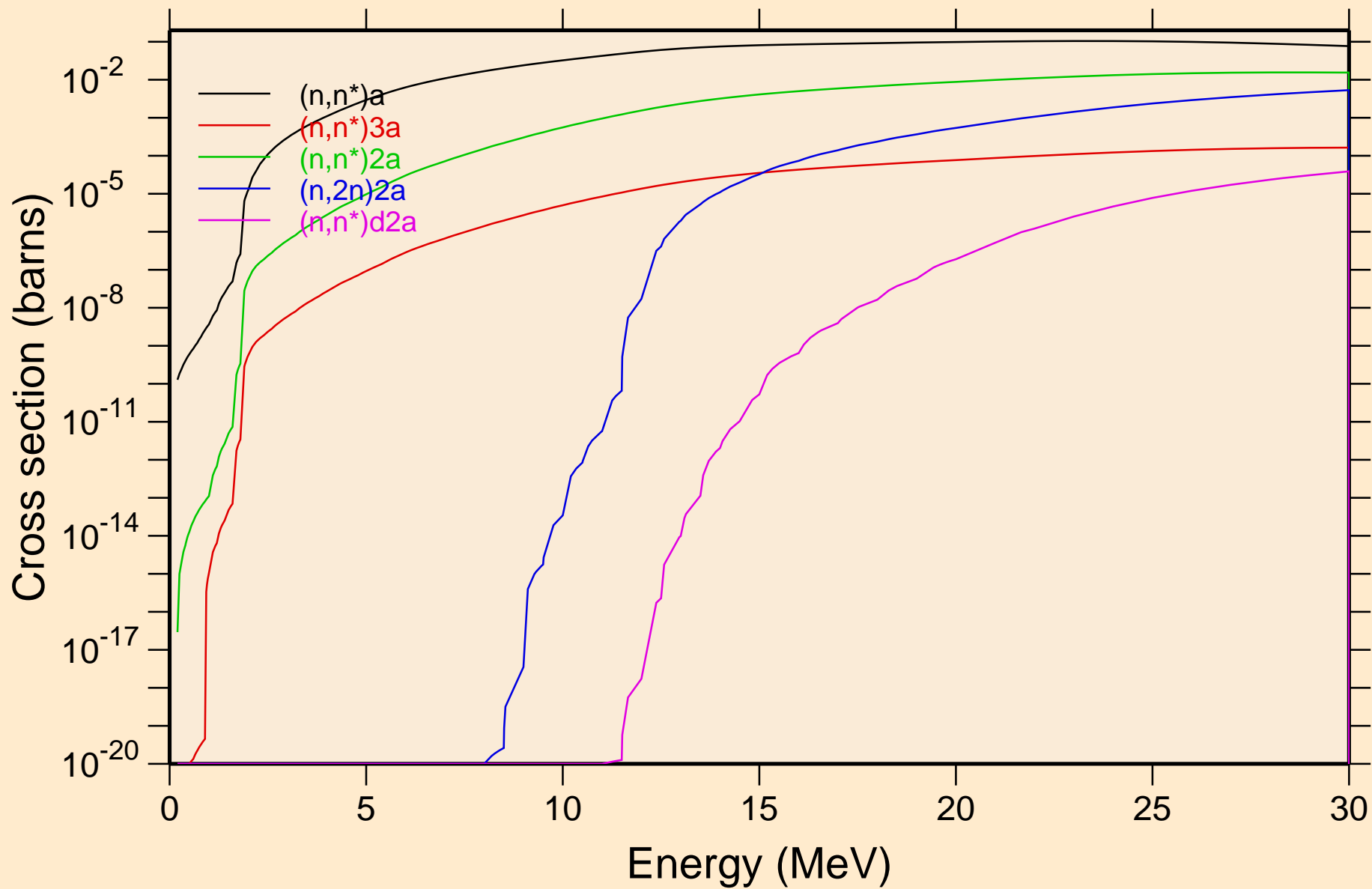
# PB187 NRG TENDL-2015, AKONING

## Principal cross sections



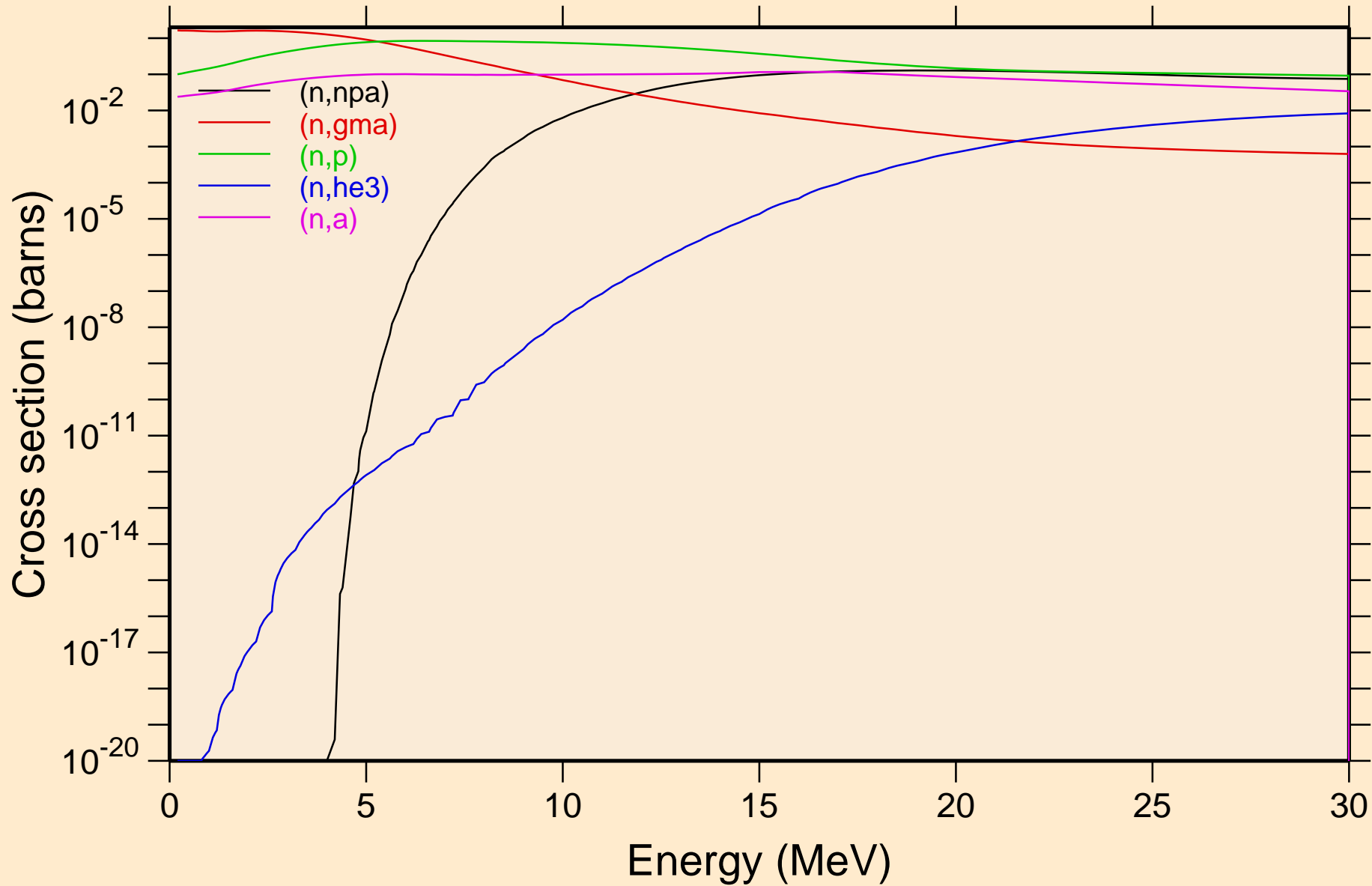
# PB187 NRG TENDL-2015, AKONING

## Non-threshold reactions



# PB187 NRG TENDL-2015, AKONING

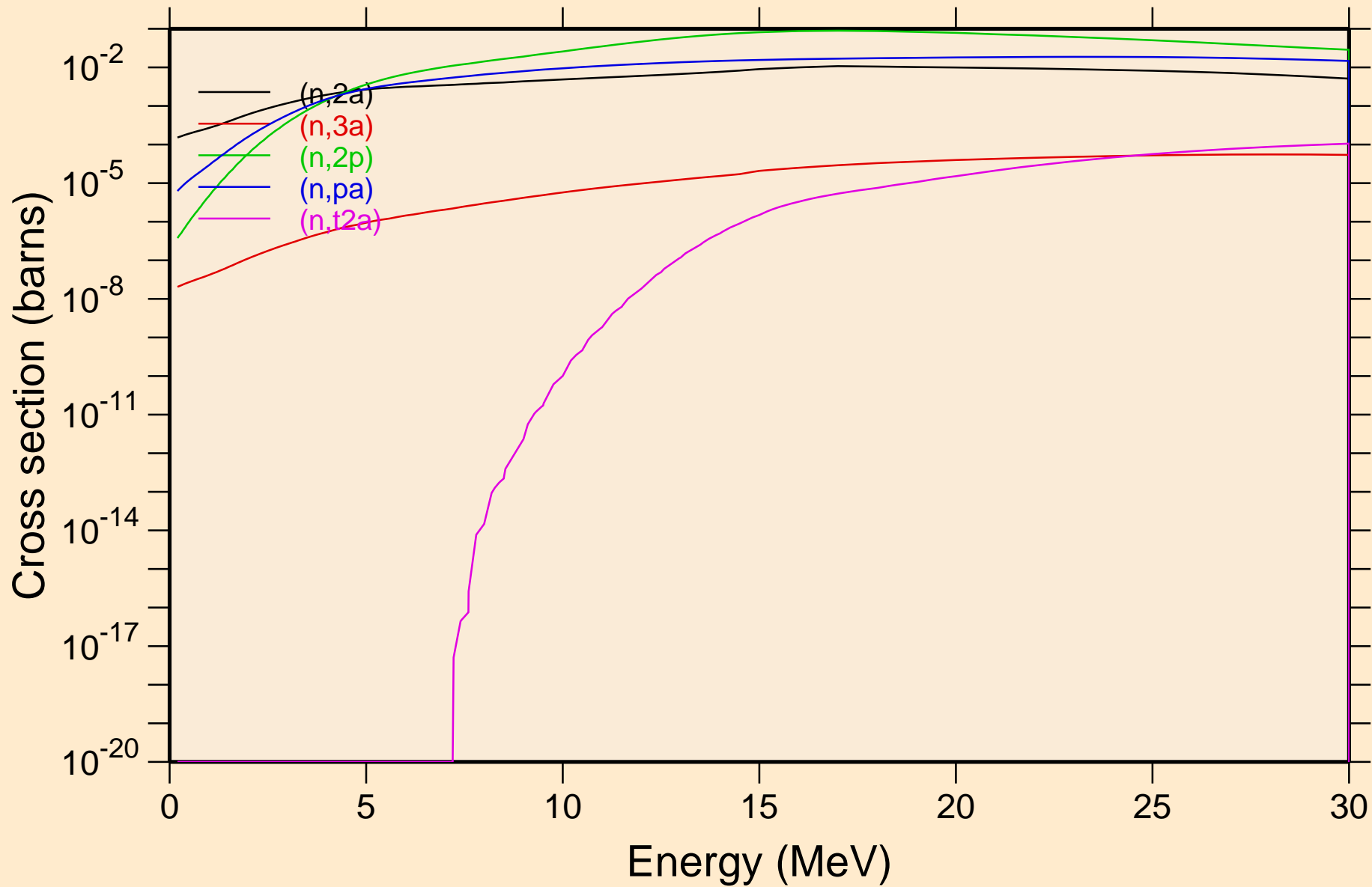
## Non-threshold reactions



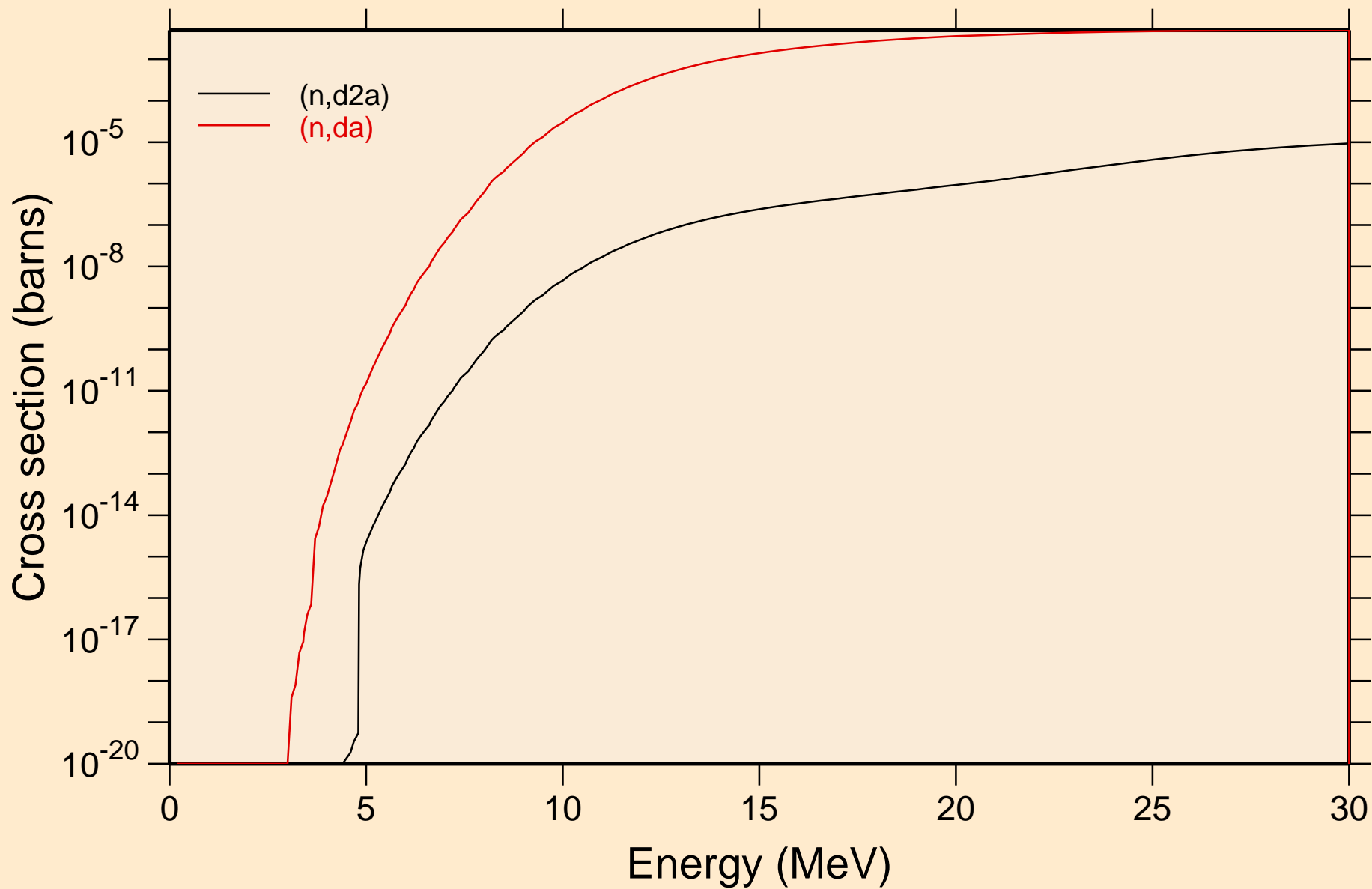


# PB187 NRG TENDL-2015, AKONING

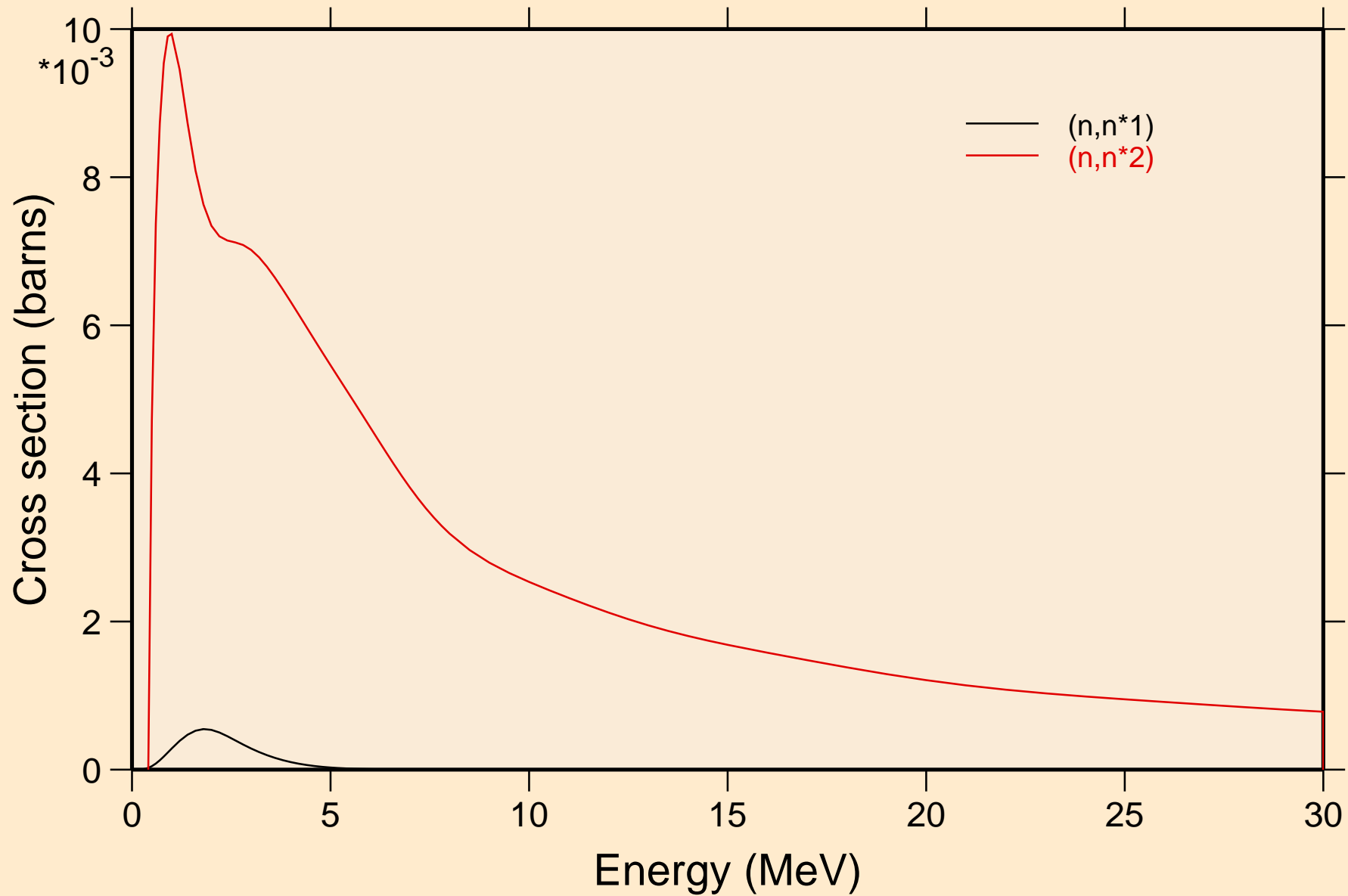
## Non-threshold reactions



PB187 NRG TENDL-2015, AKONING  
Non-threshold reactions

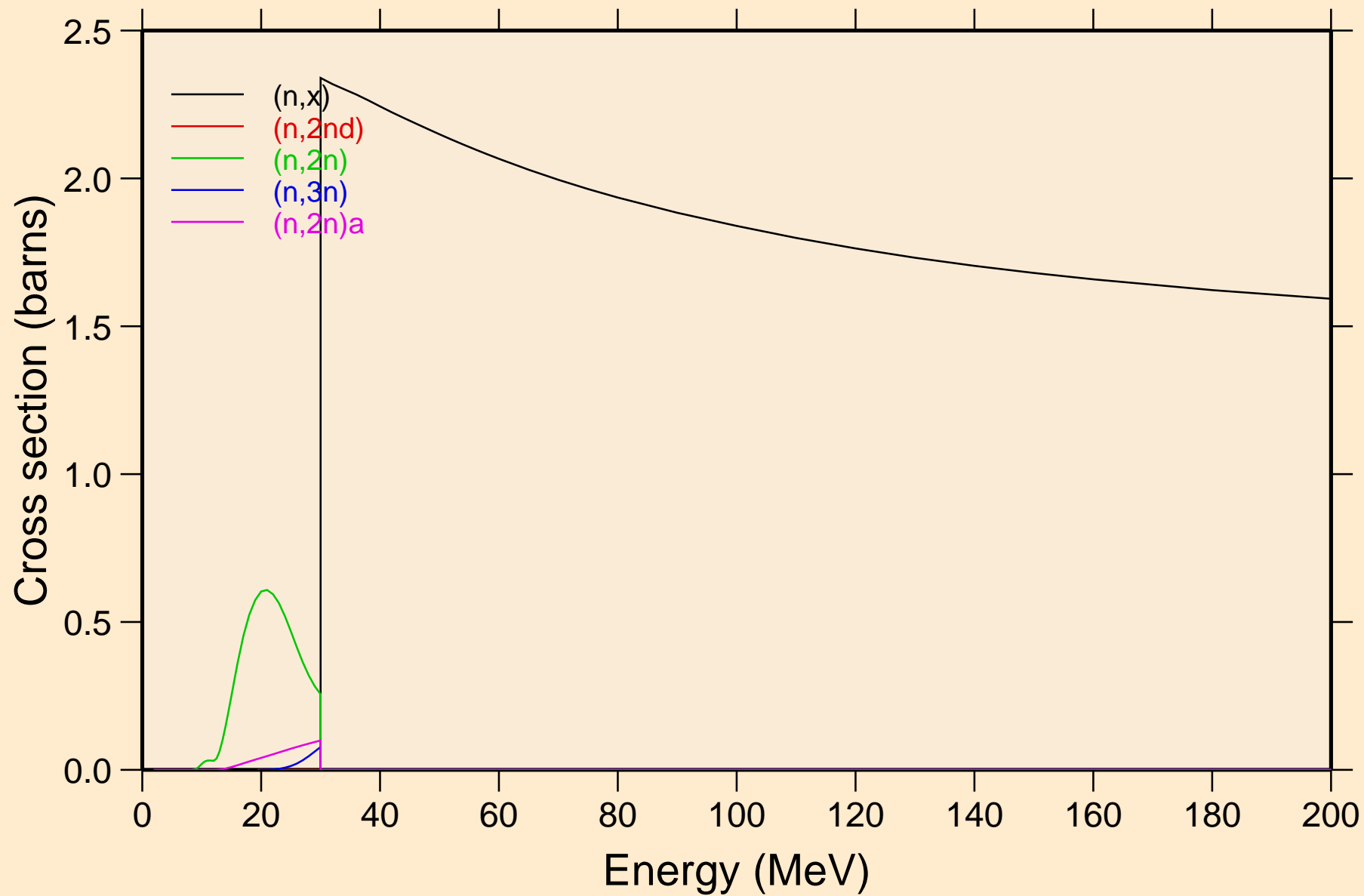


PB187 NRG TENDL-2015, AKONING  
Inelastic levels

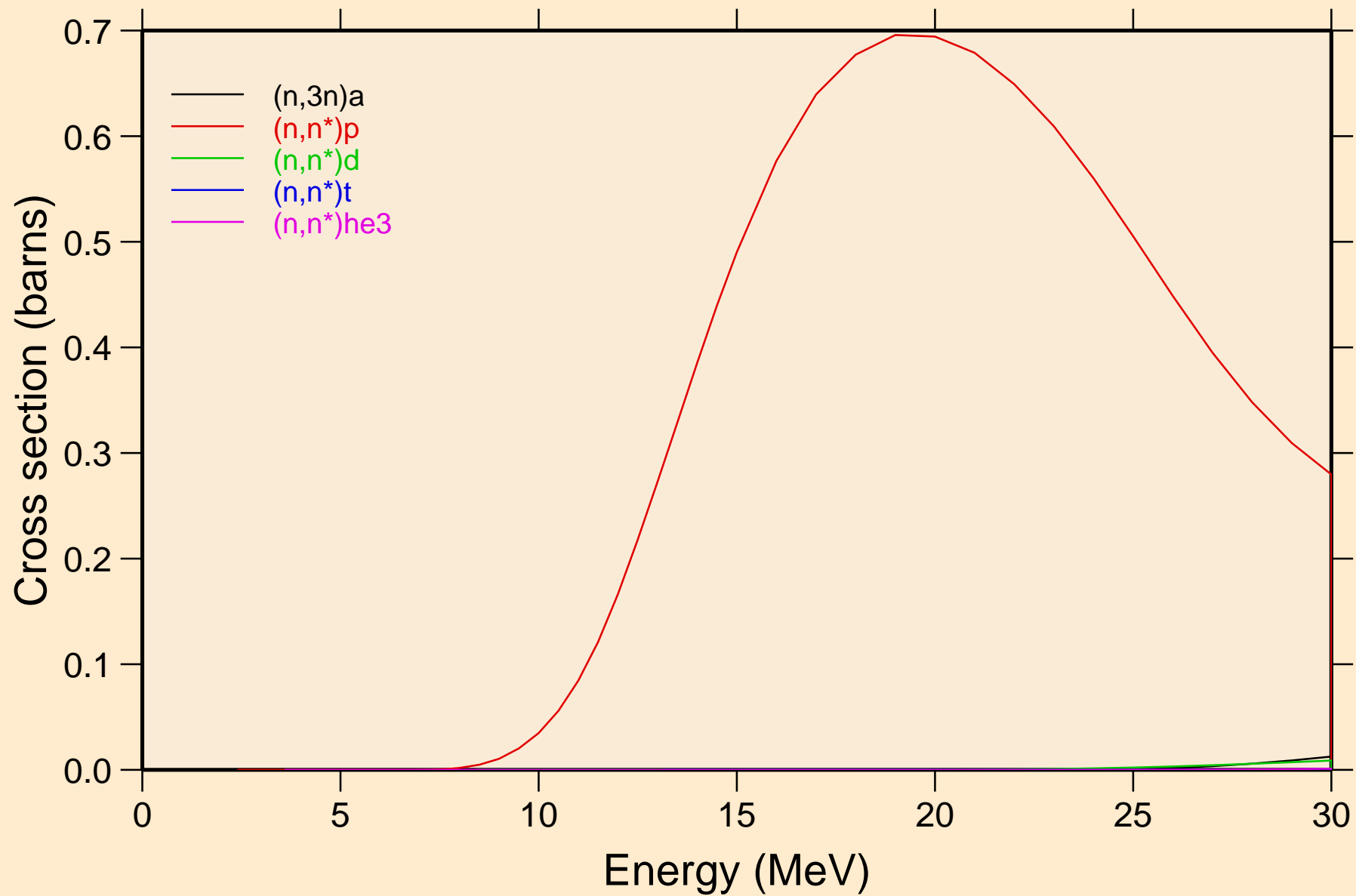


# PB187 NRG TENDL-2015, AKONING

## Threshold reactions

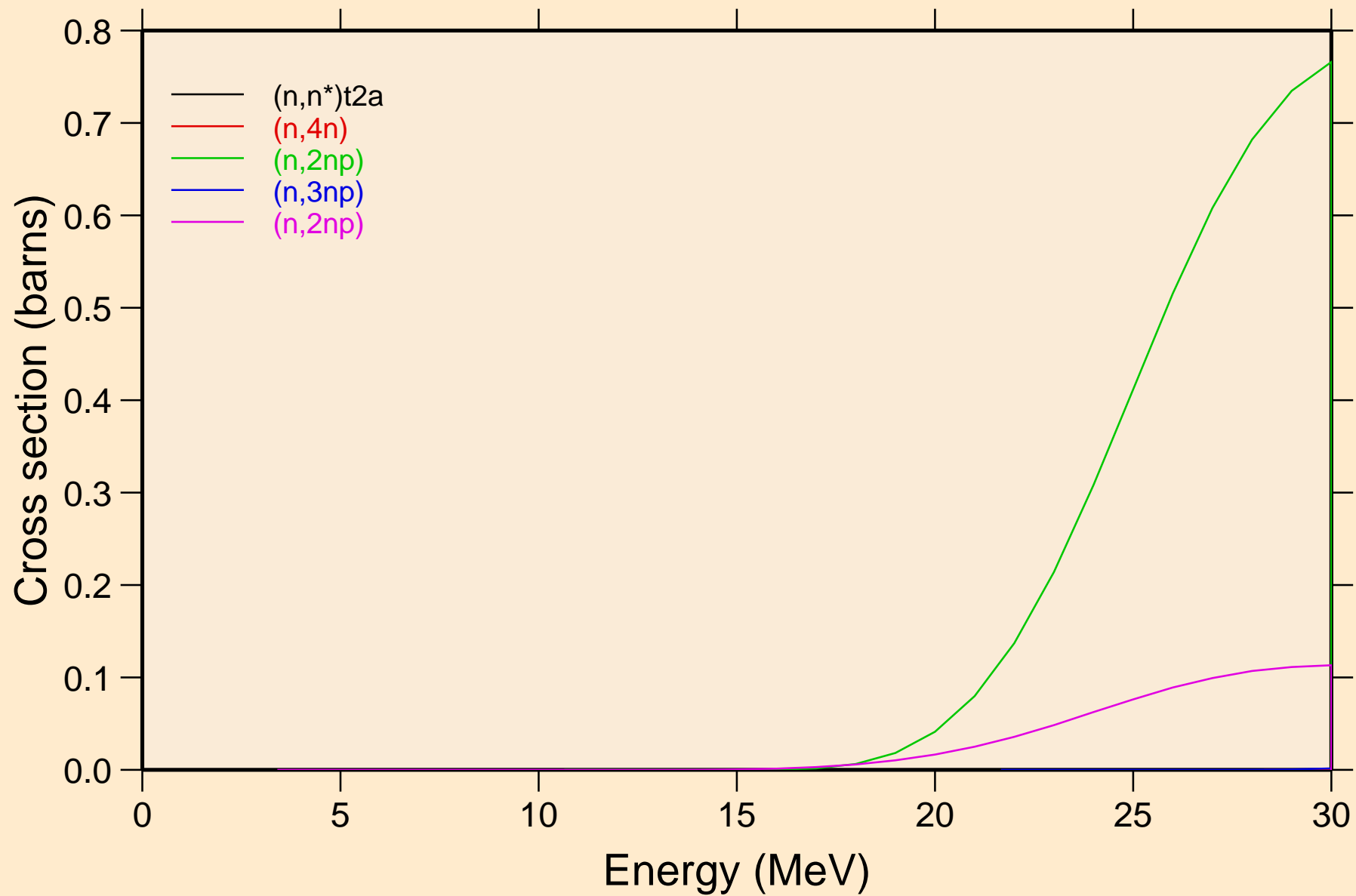


PB187 NRG TENDL-2015, AKONING  
Threshold reactions



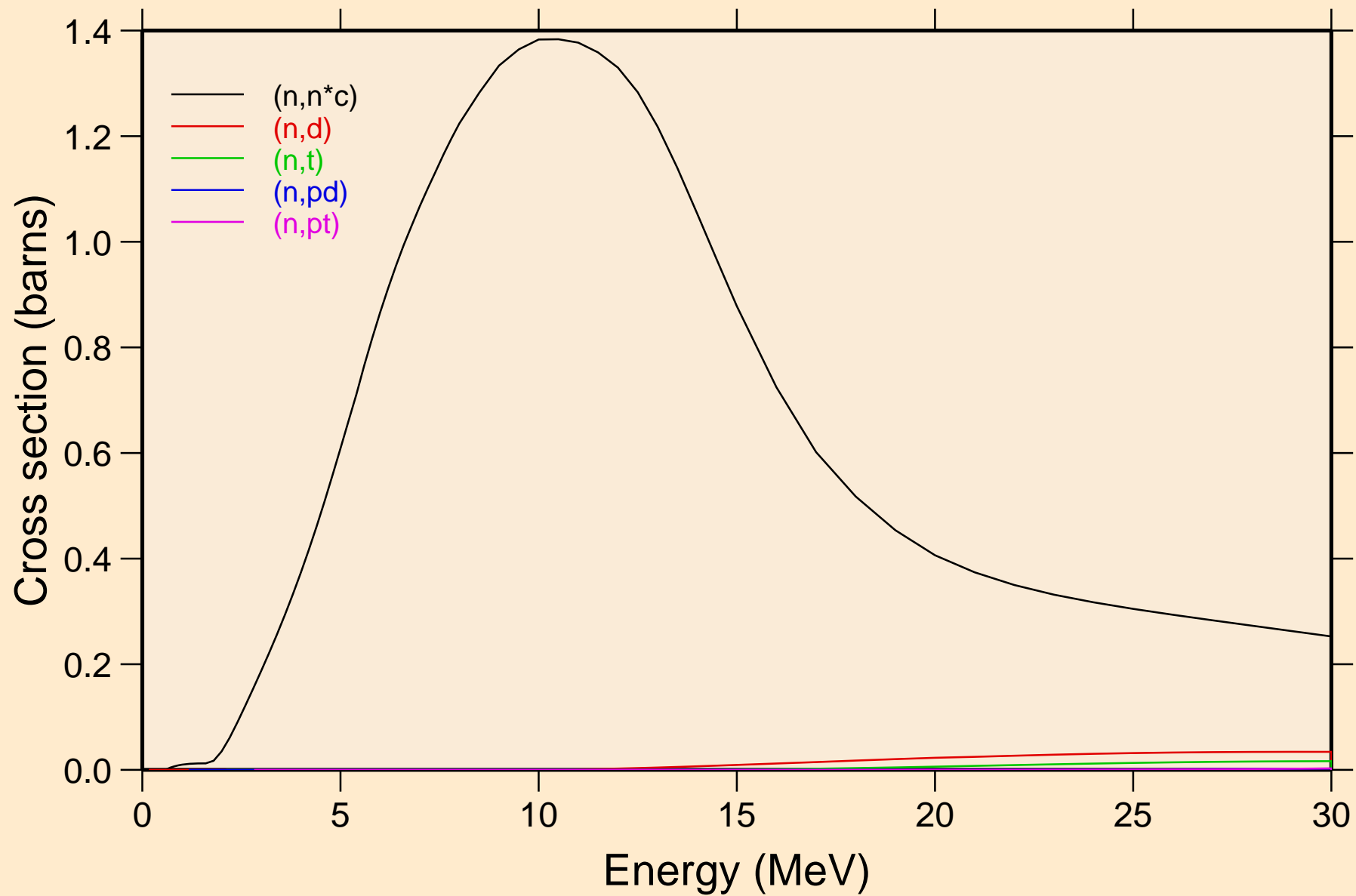
# PB187 NRG TENDL-2015, AKONING

## Threshold reactions

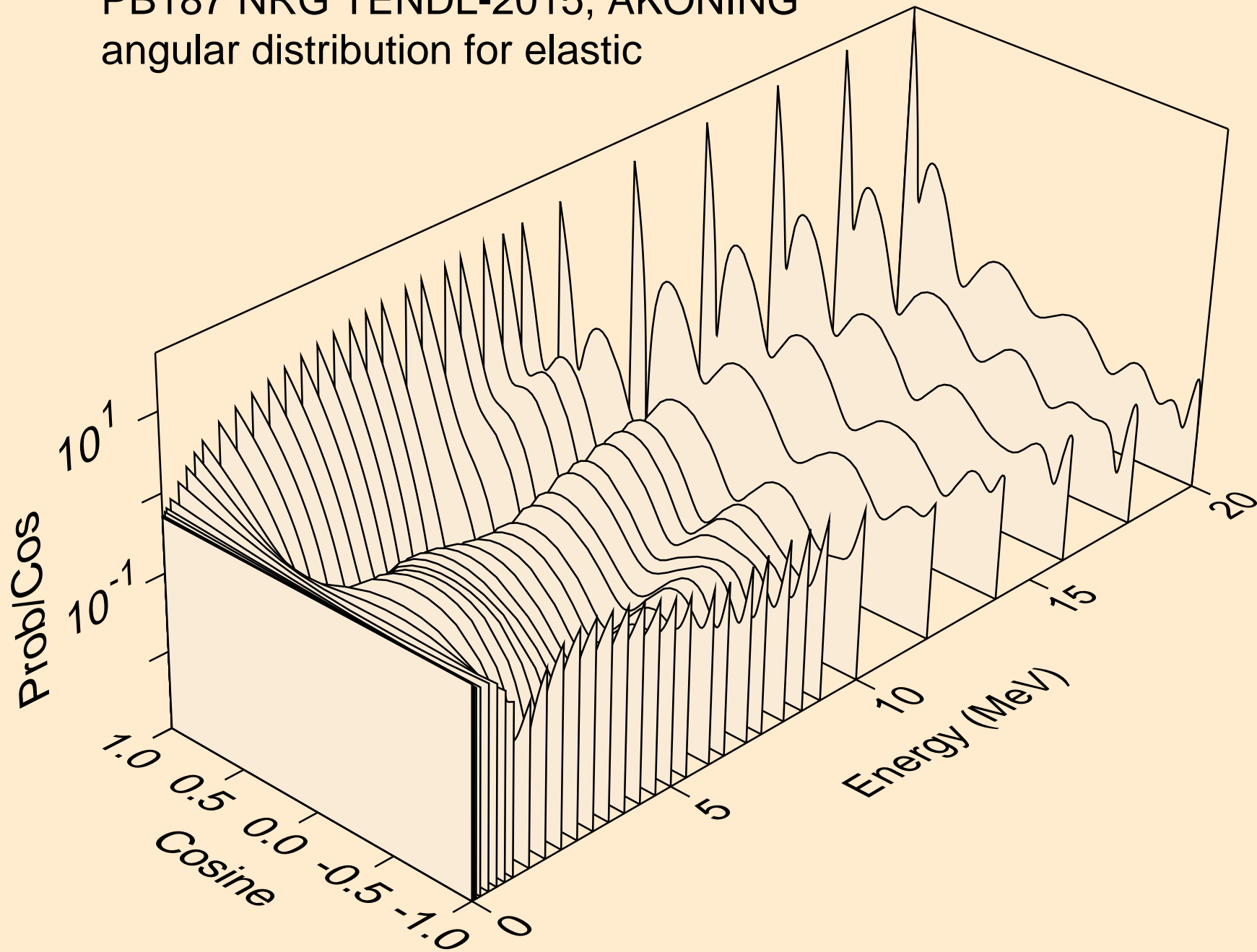


# PB187 NRG TENDL-2015, AKONING

## Threshold reactions

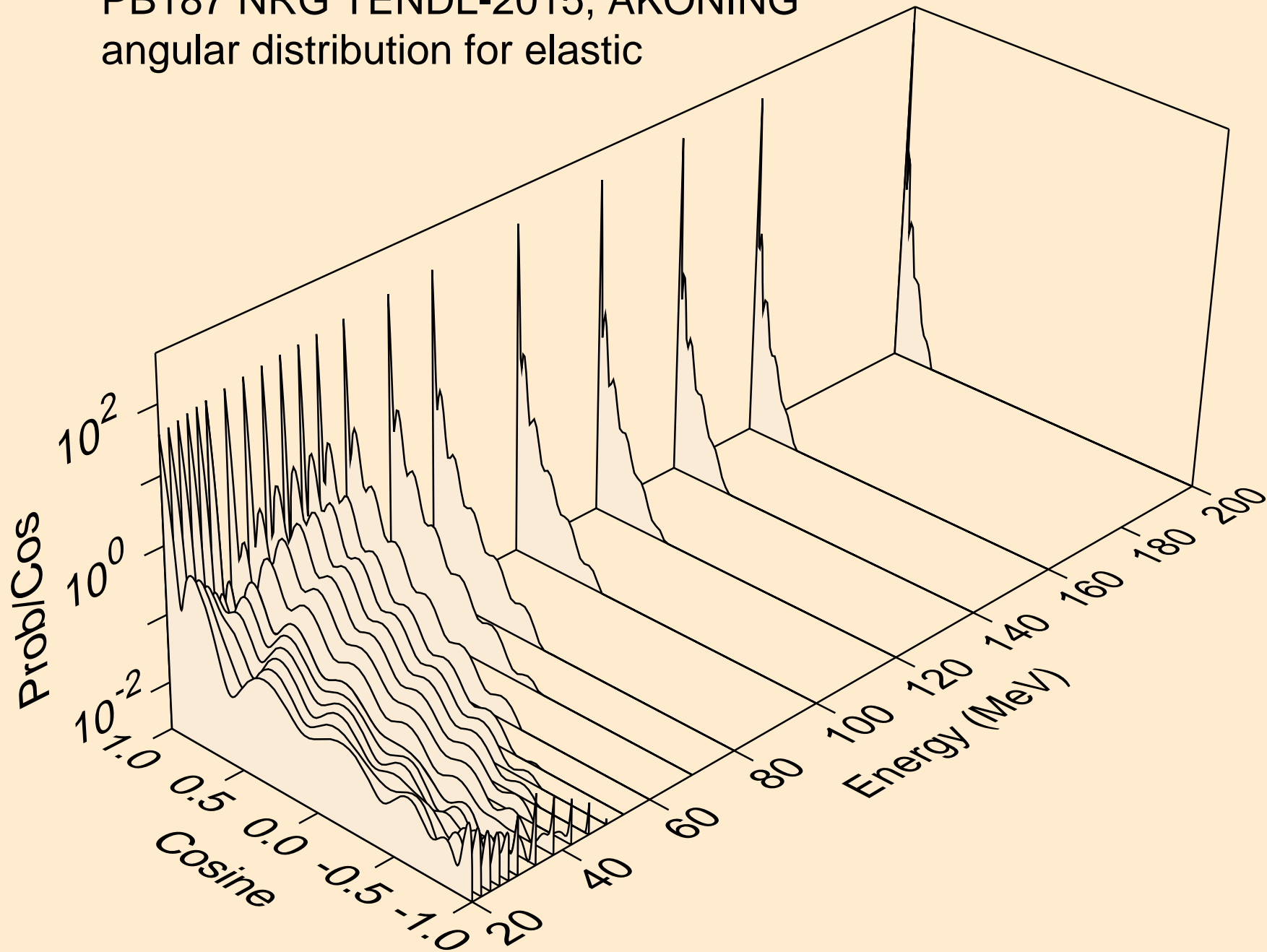


PB187 NRG TENDL-2015, AKONING  
angular distribution for elastic

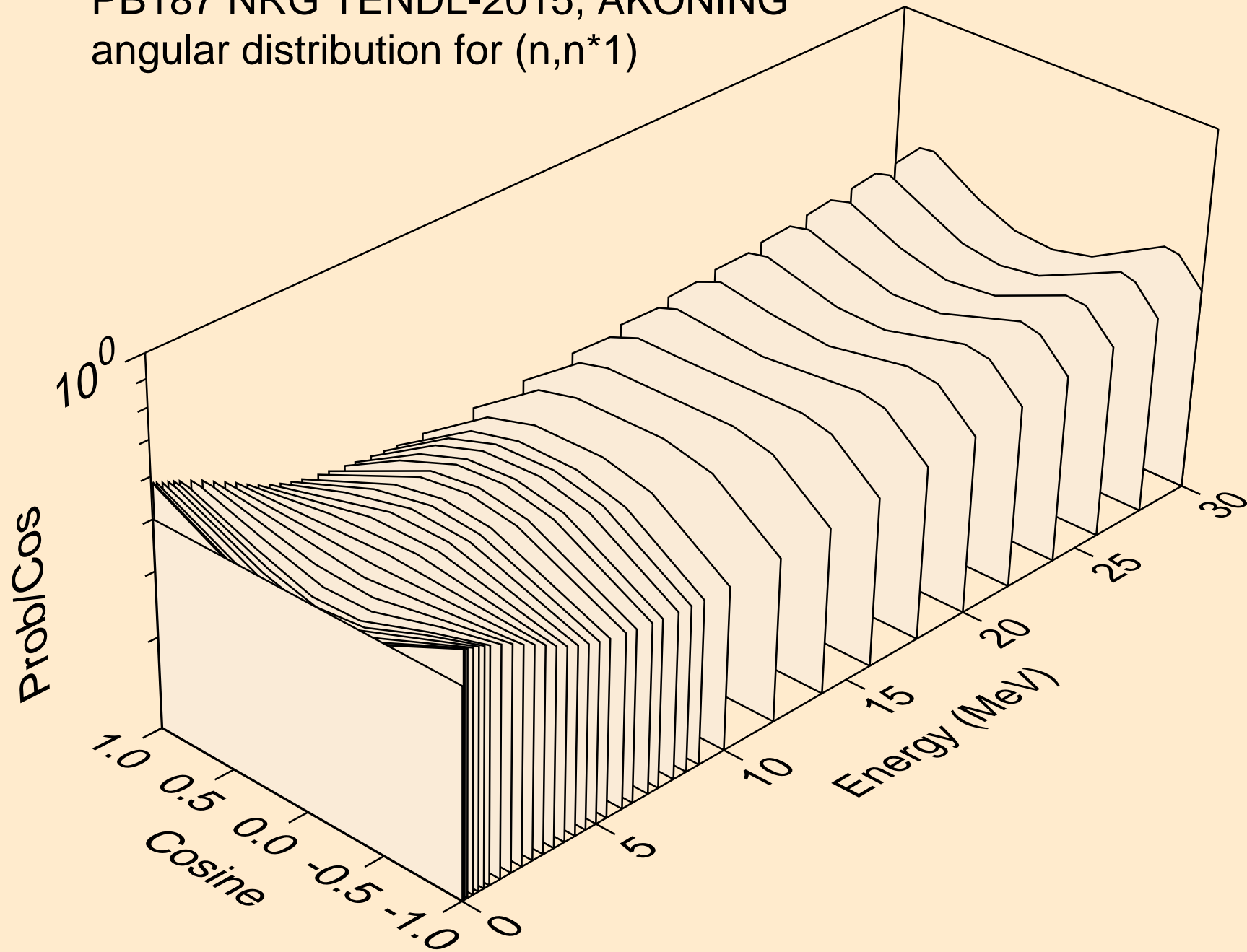




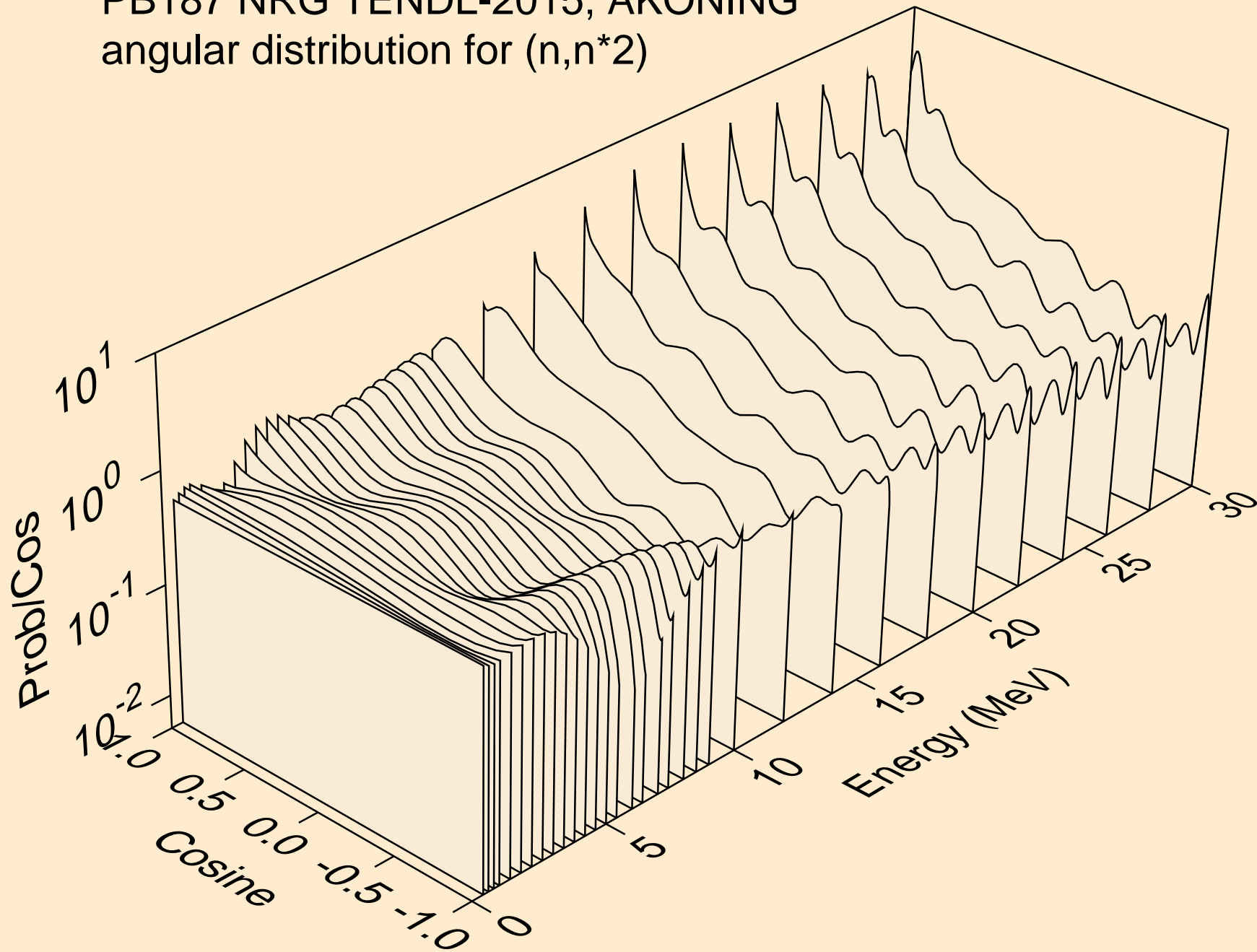
PB187 NRG TENDL-2015, AKONING  
angular distribution for elastic



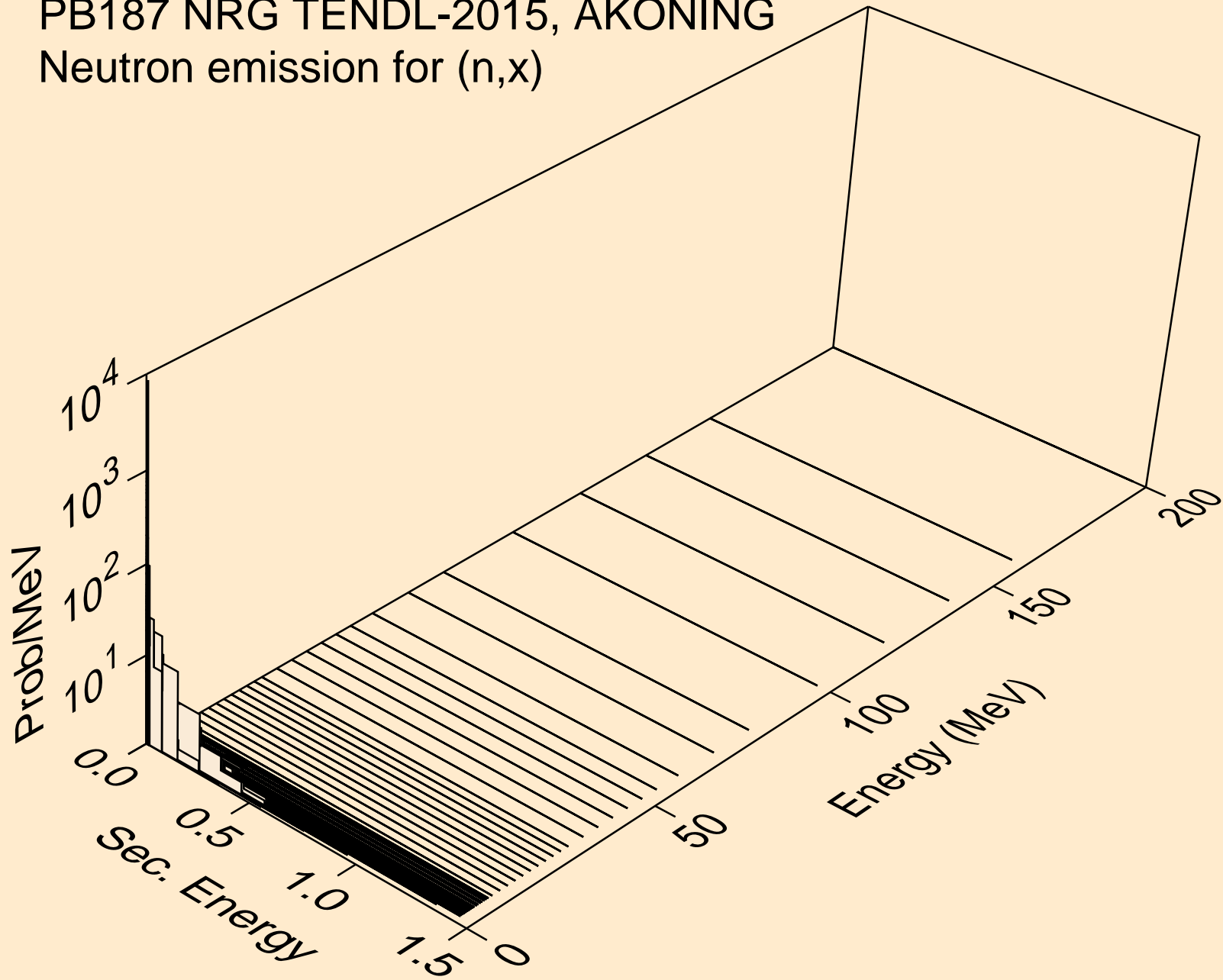
PB187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



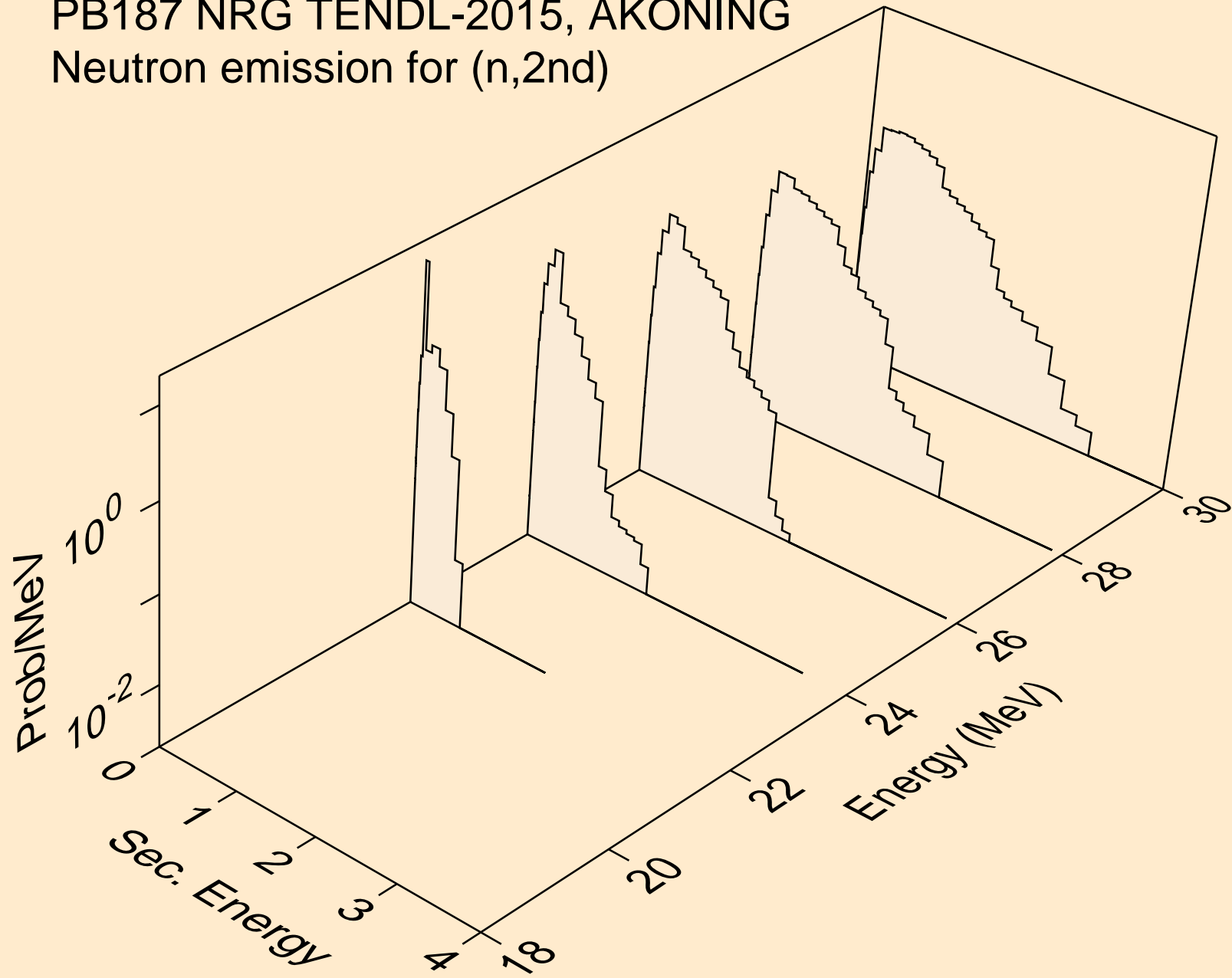
PB187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



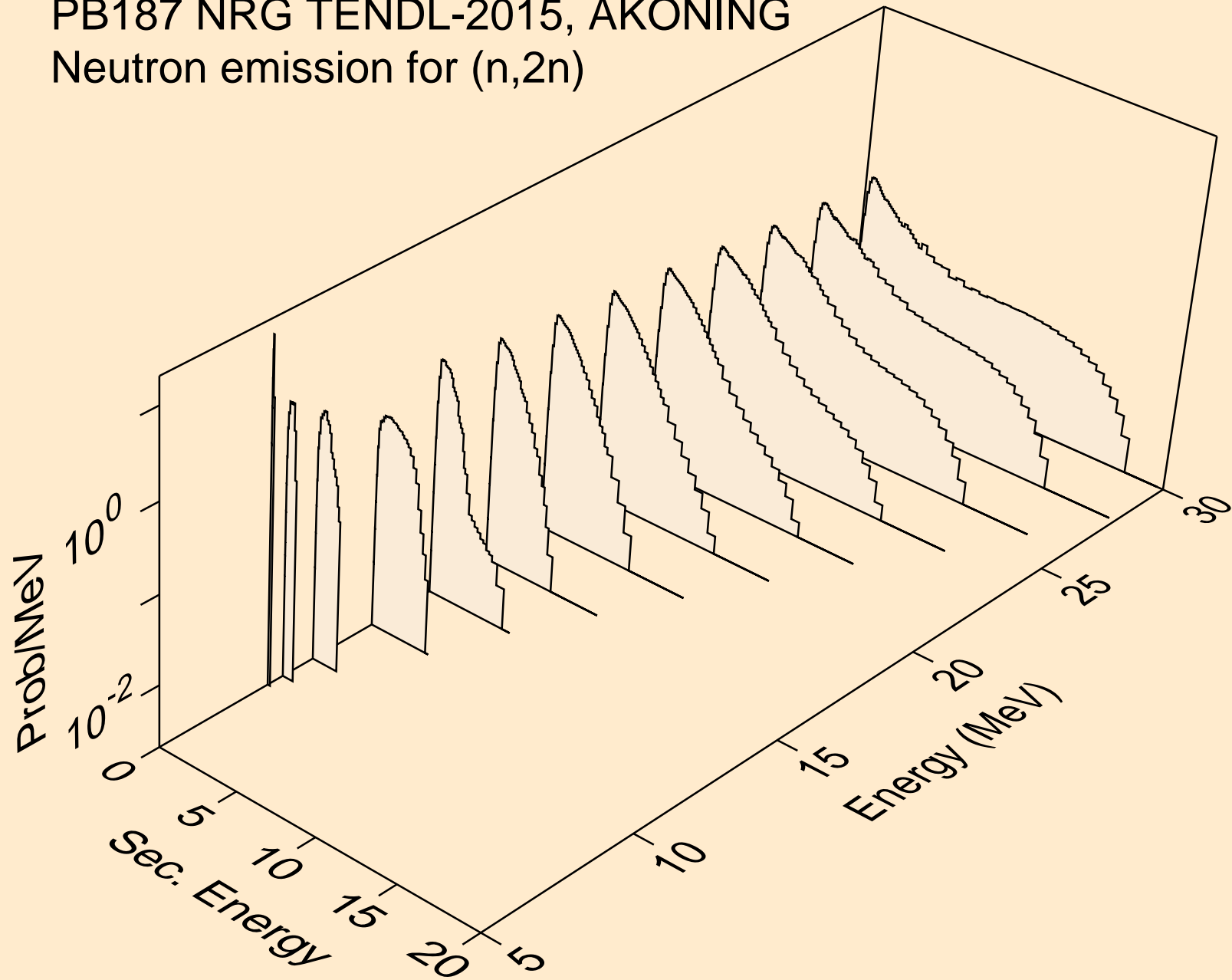
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



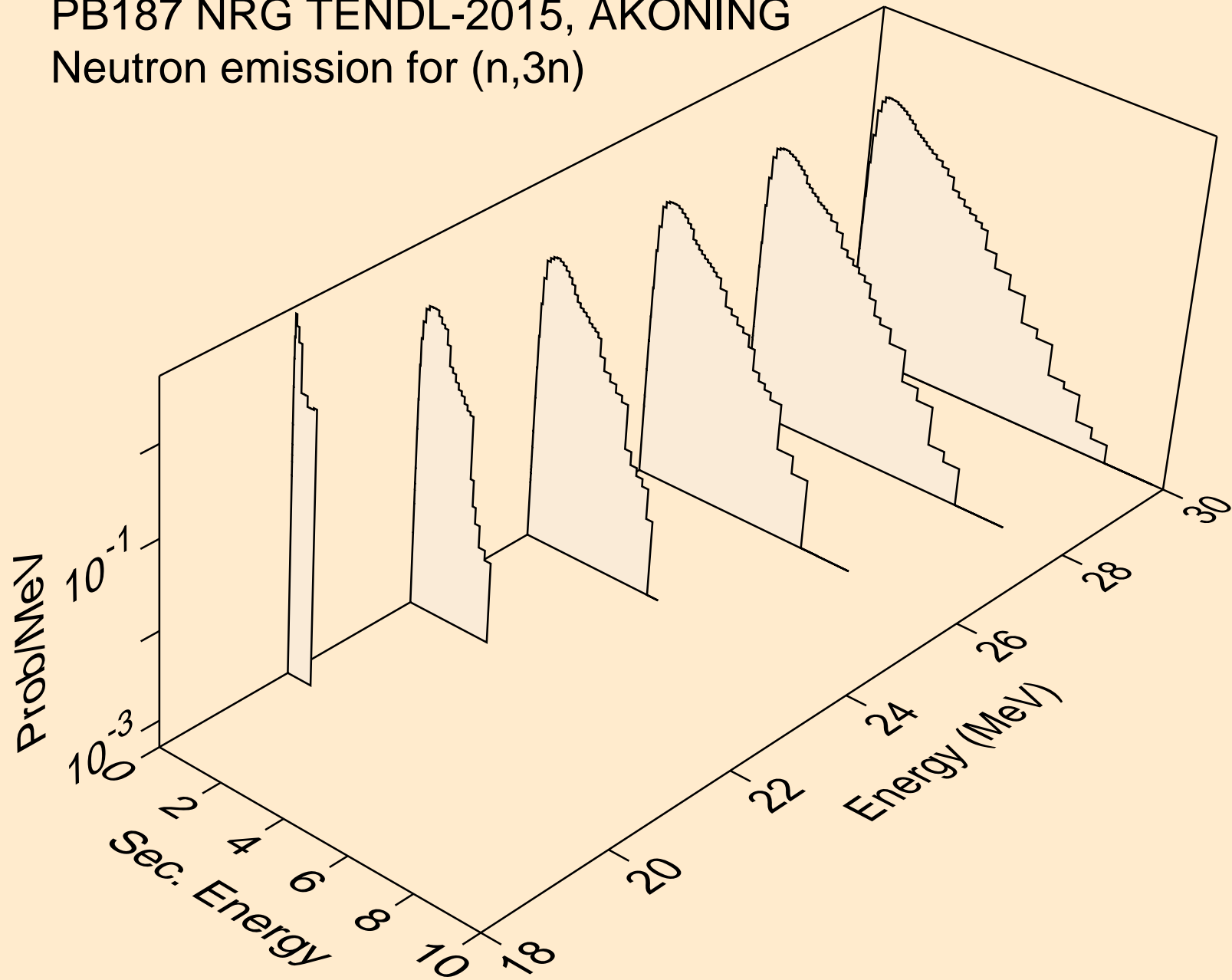
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



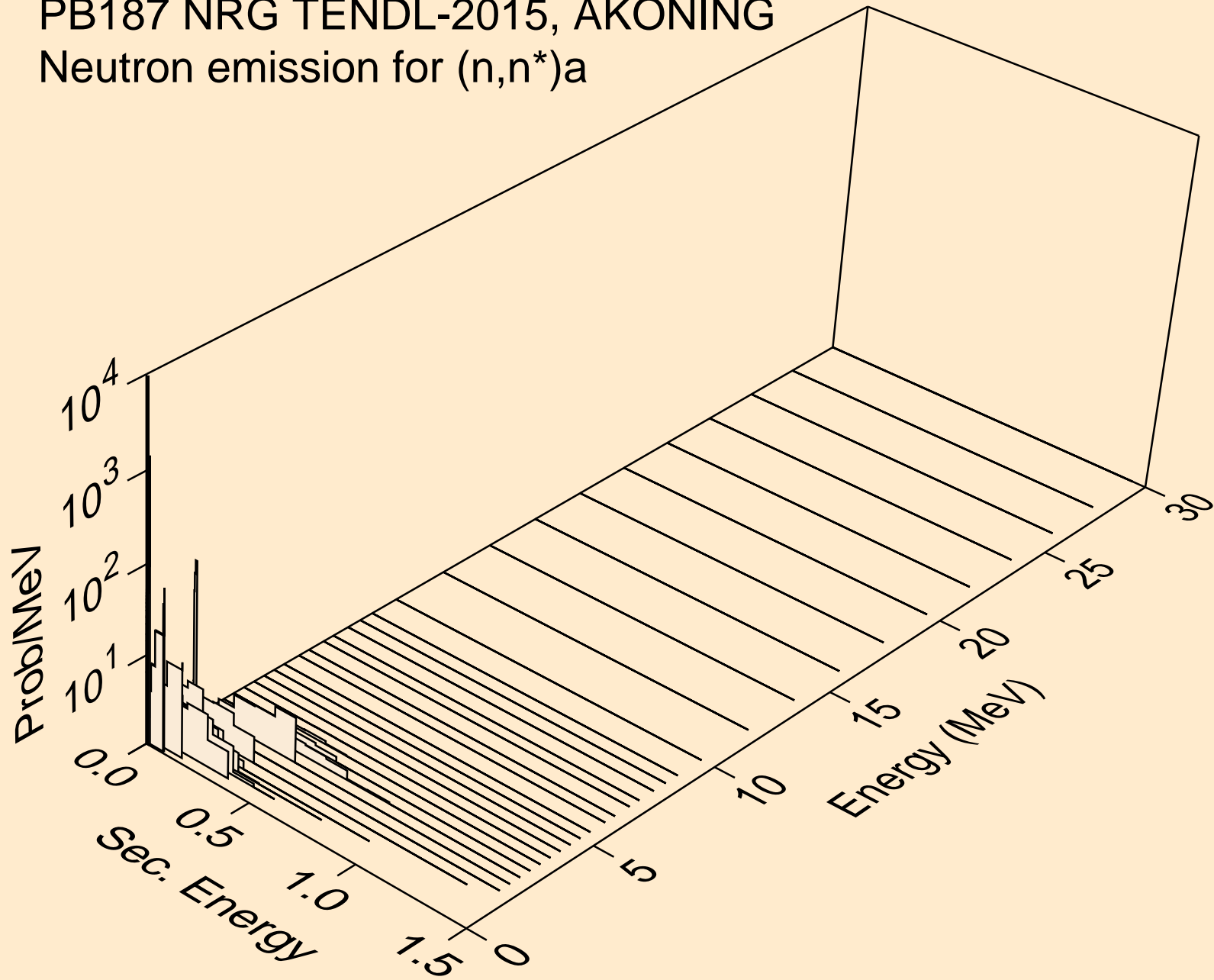
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

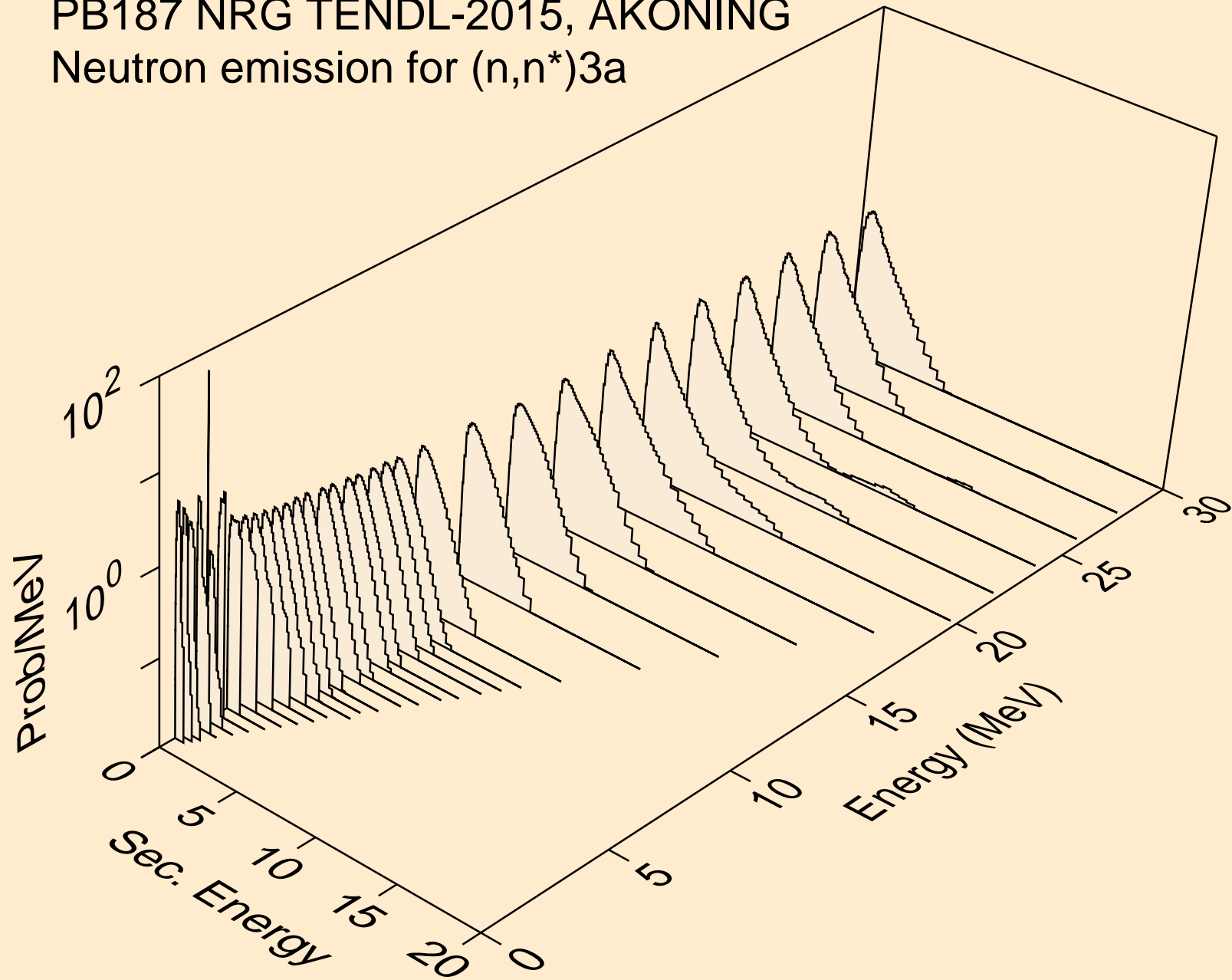


PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

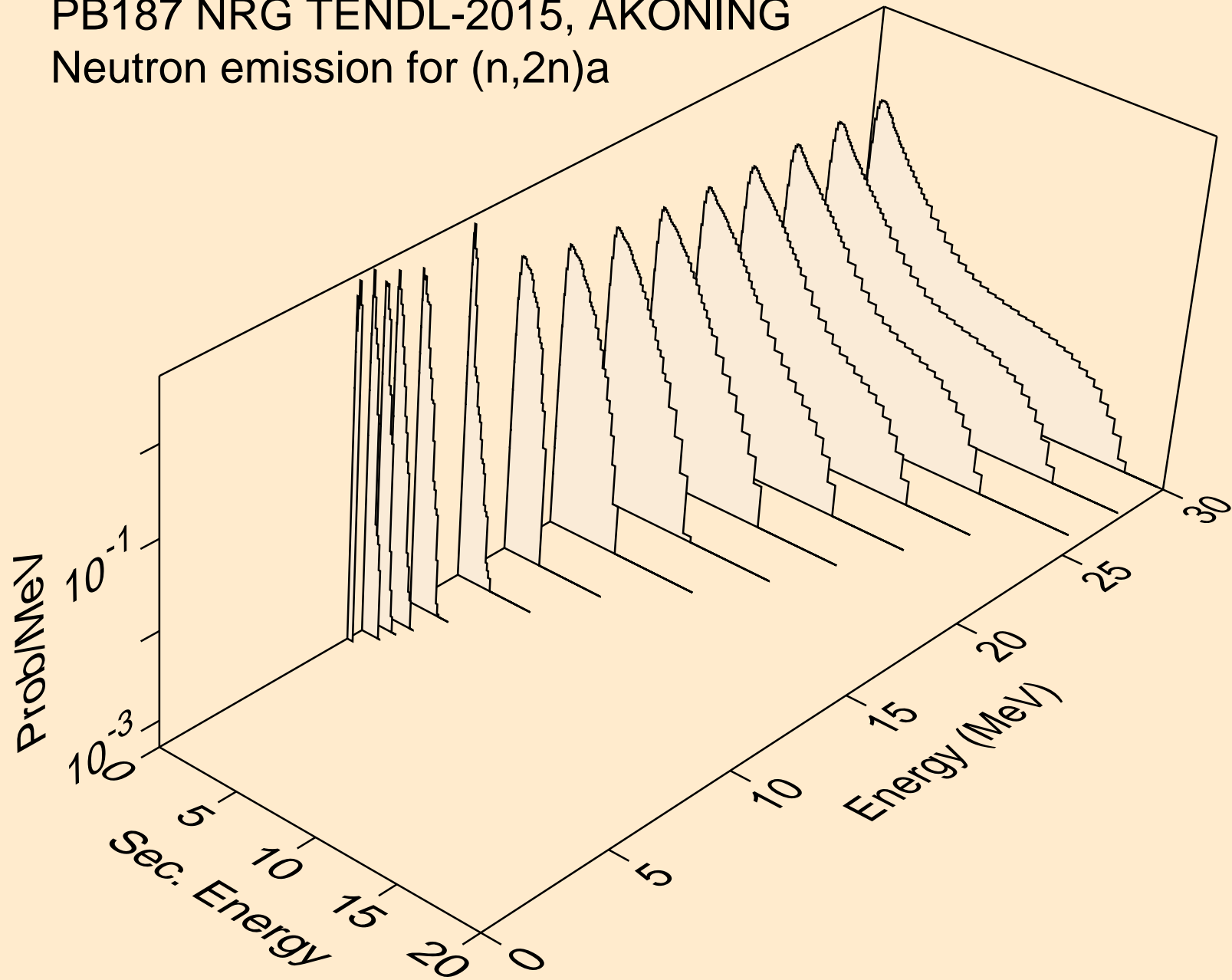




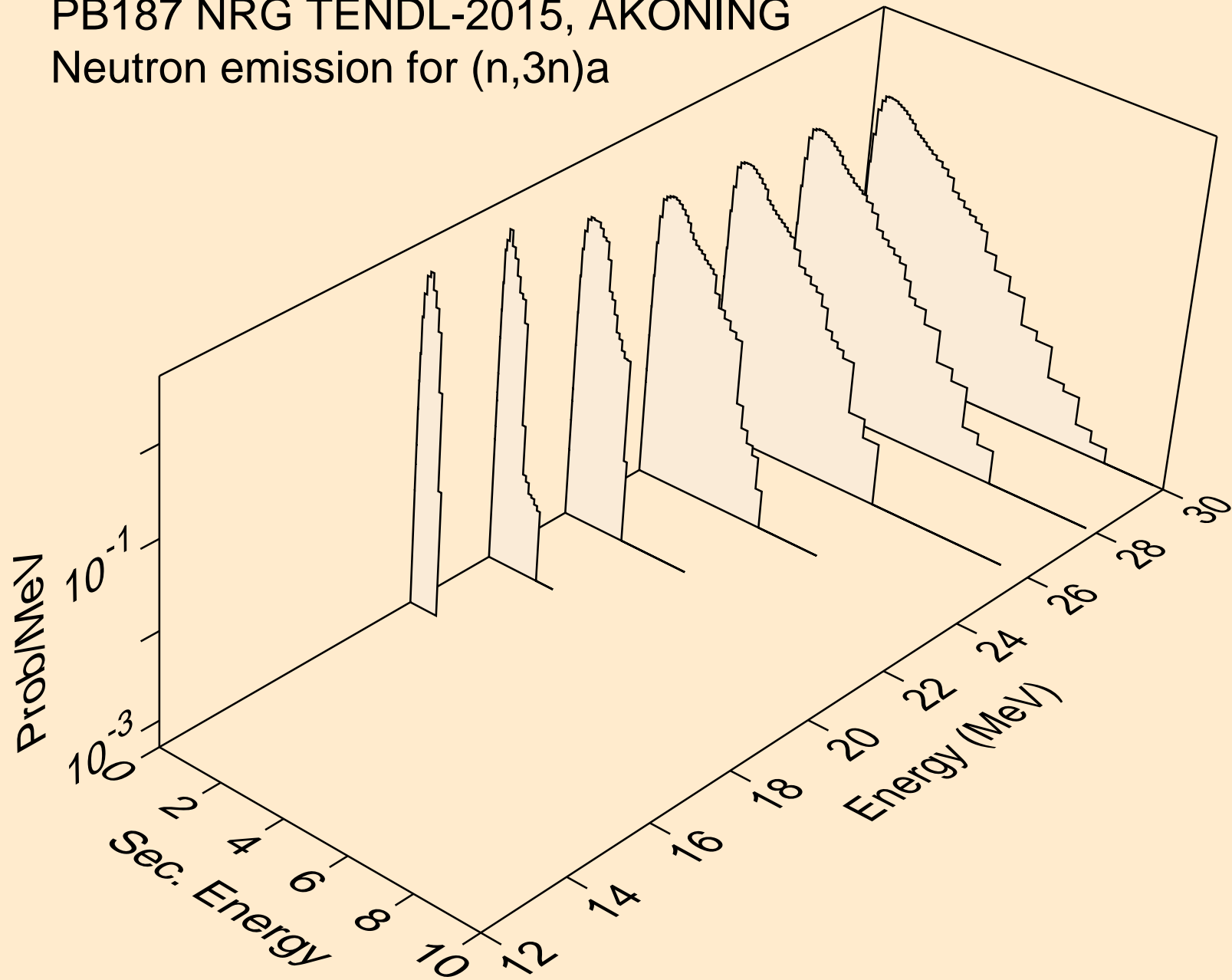
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



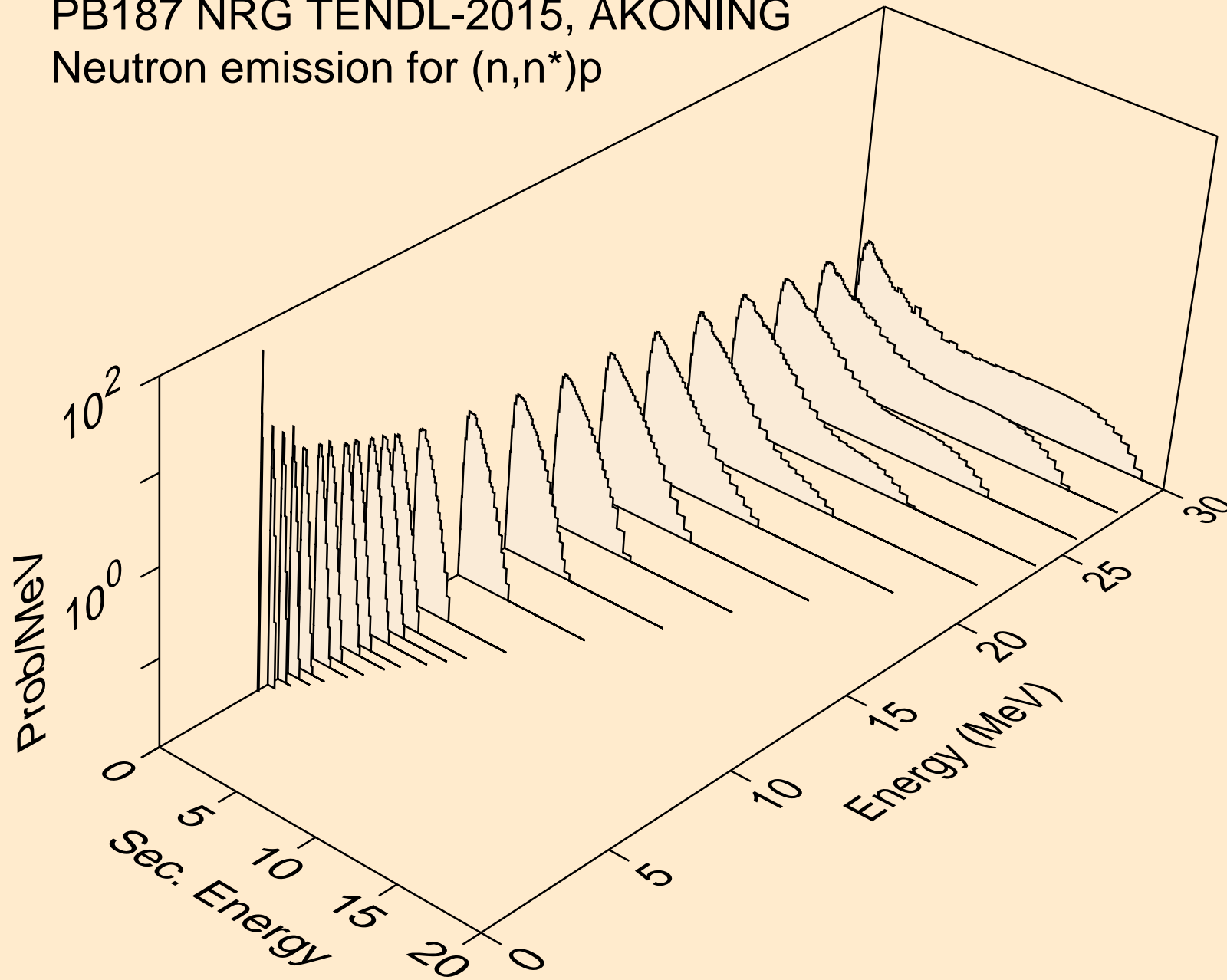
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



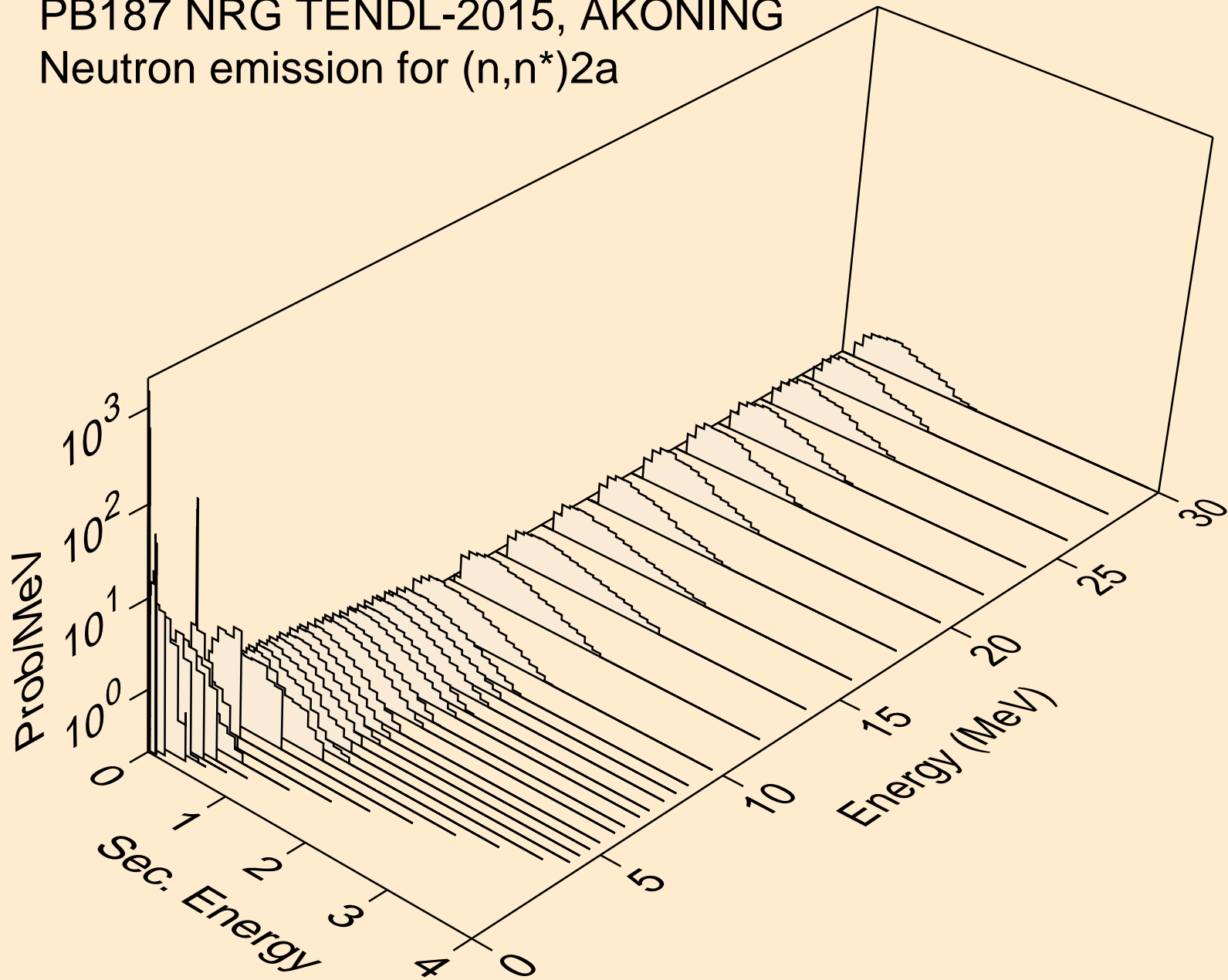
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



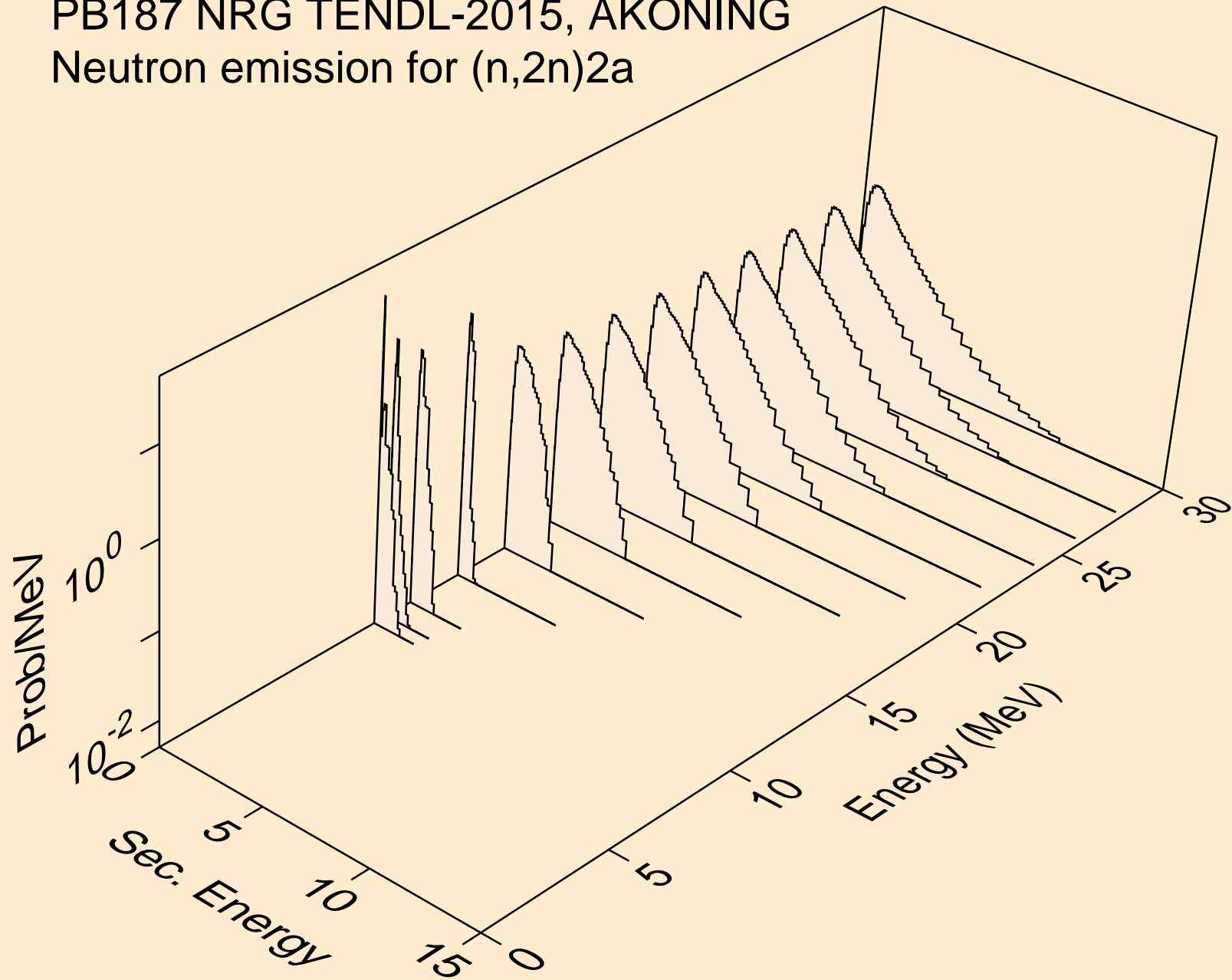
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



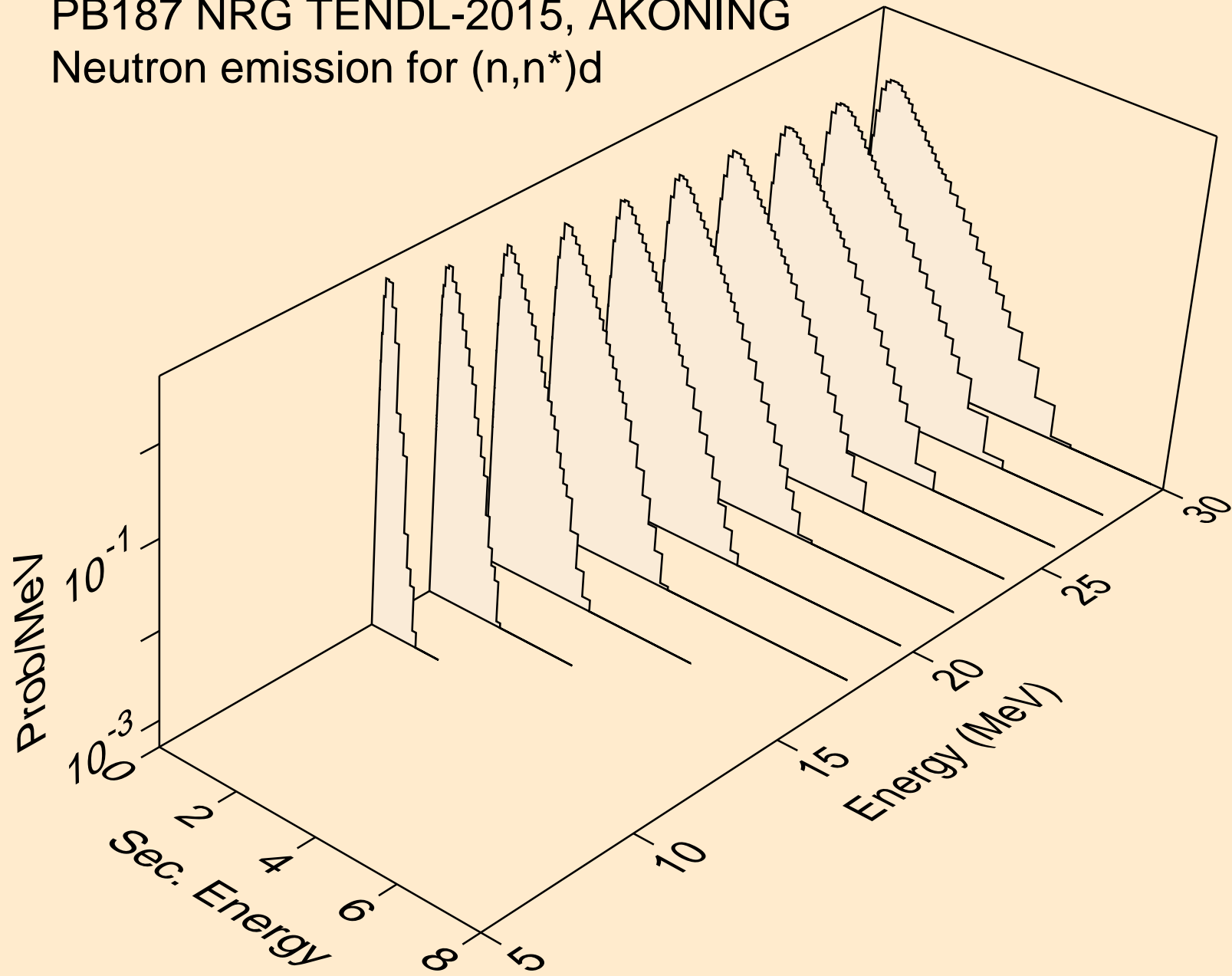
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



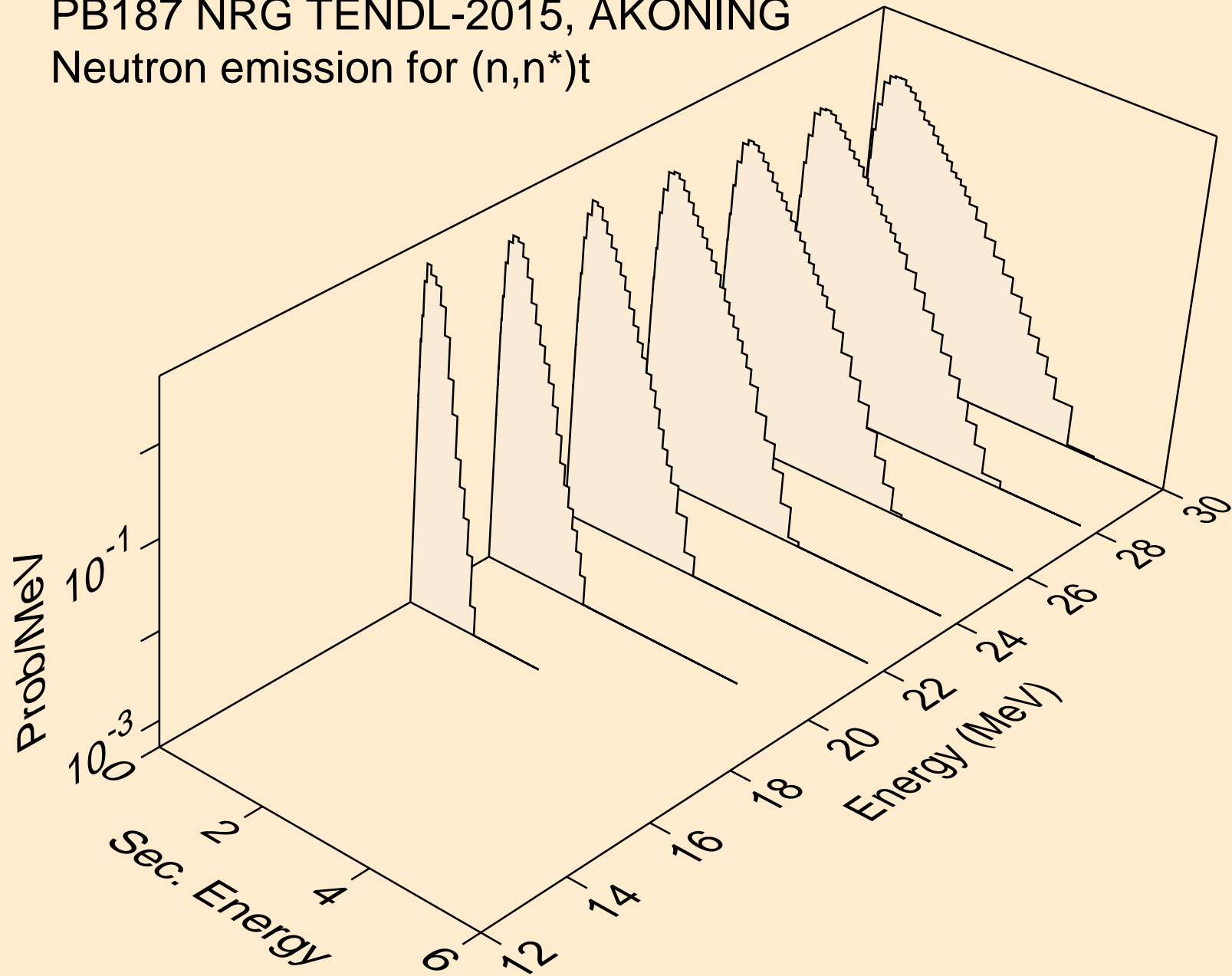
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

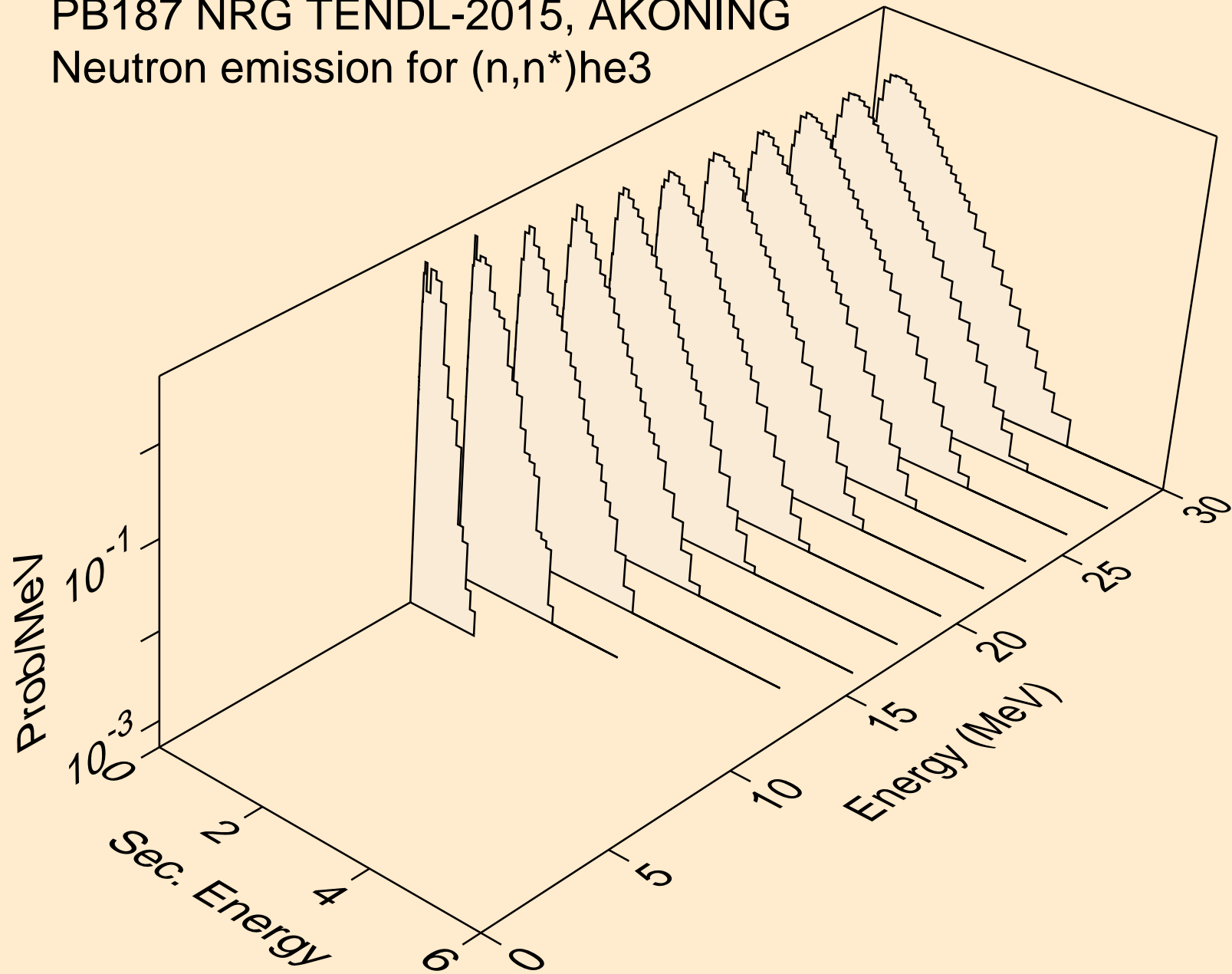


PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

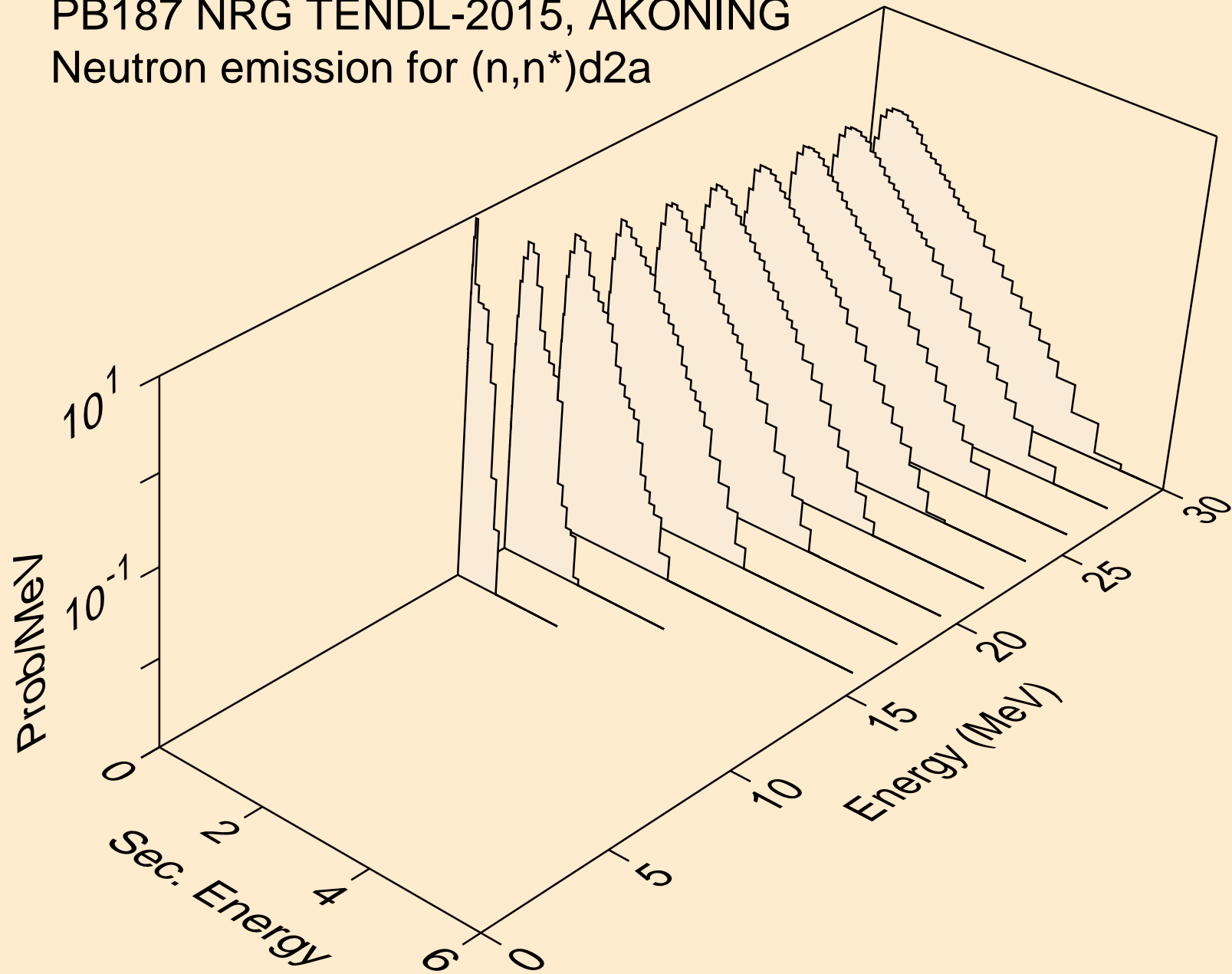




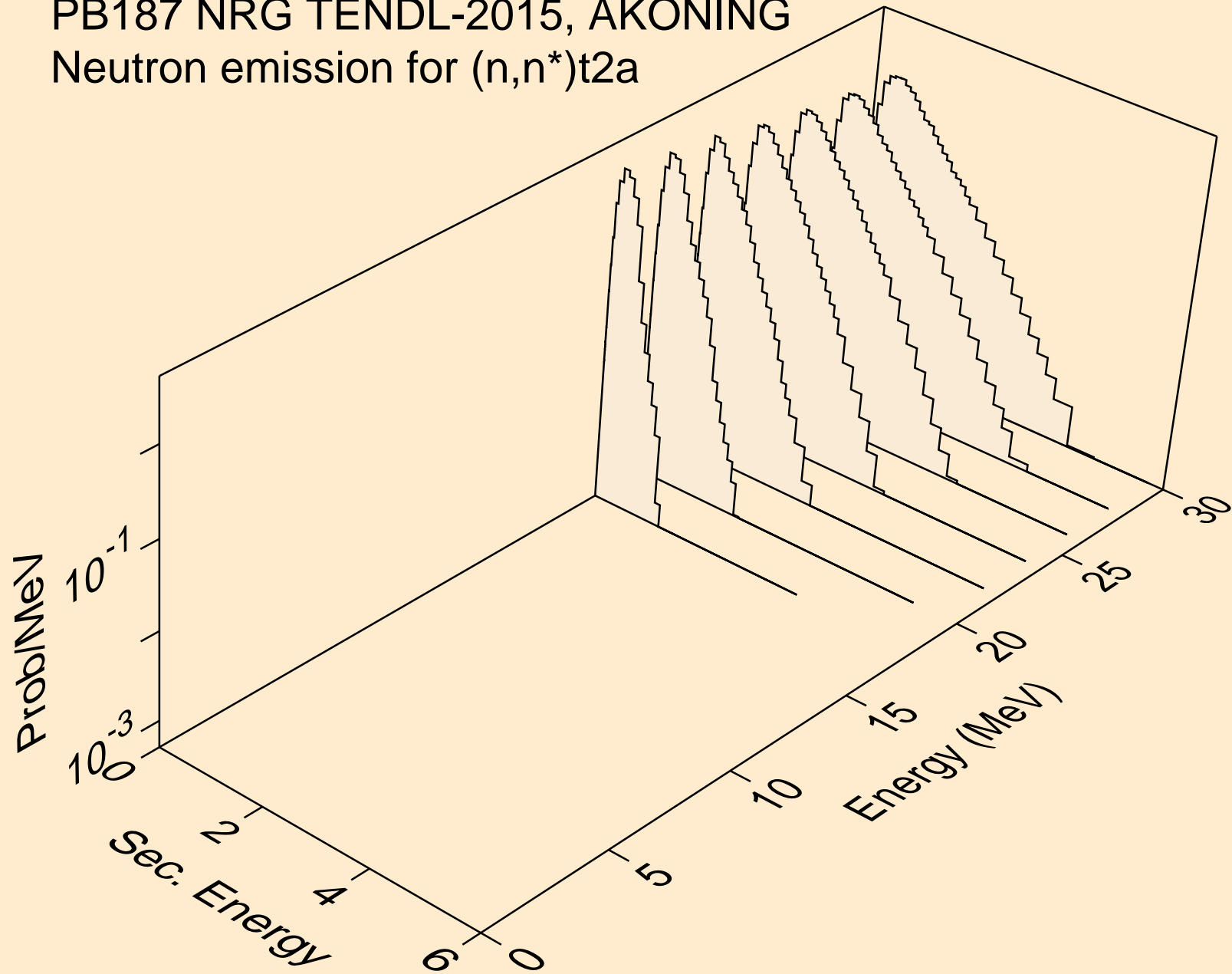
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



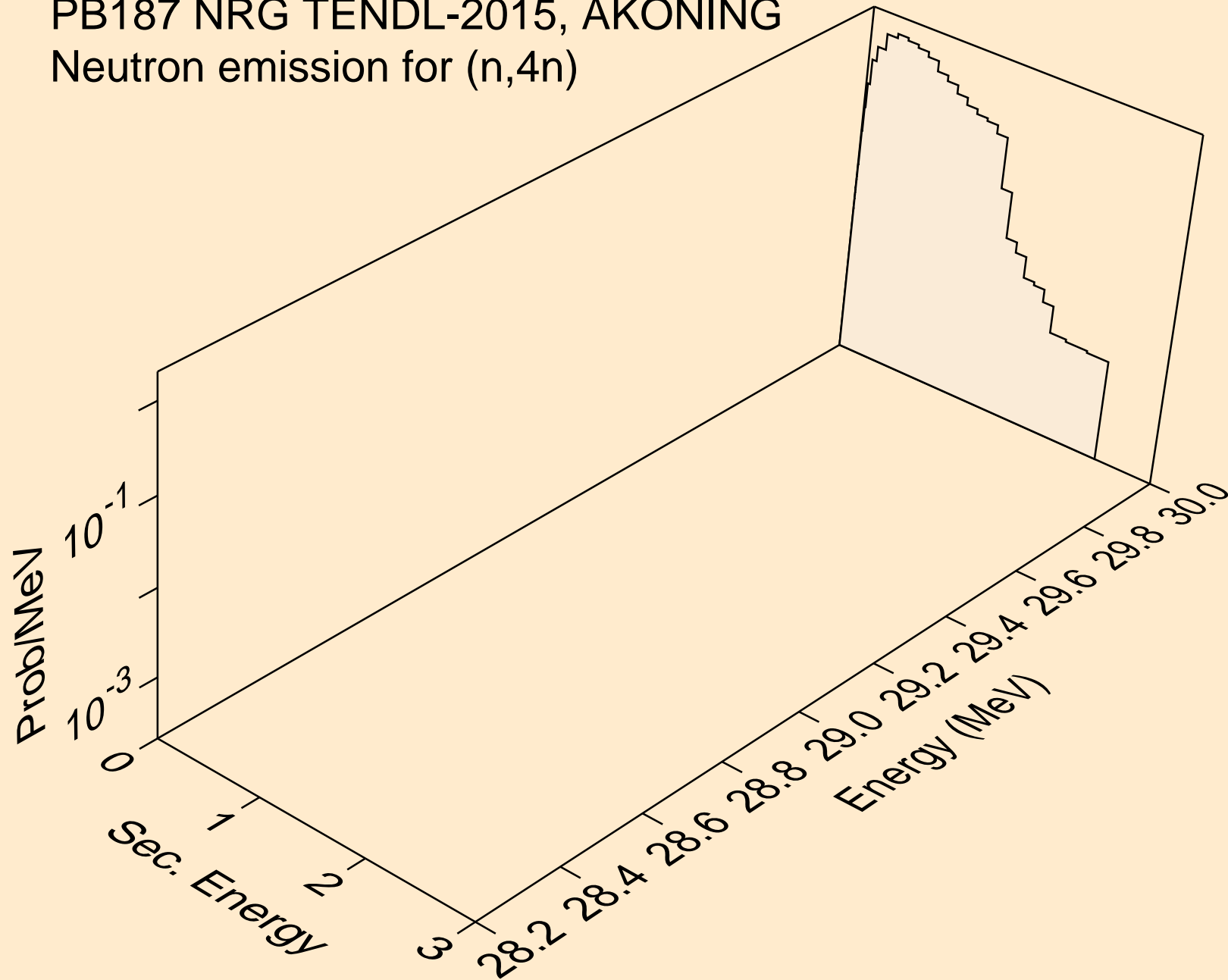
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



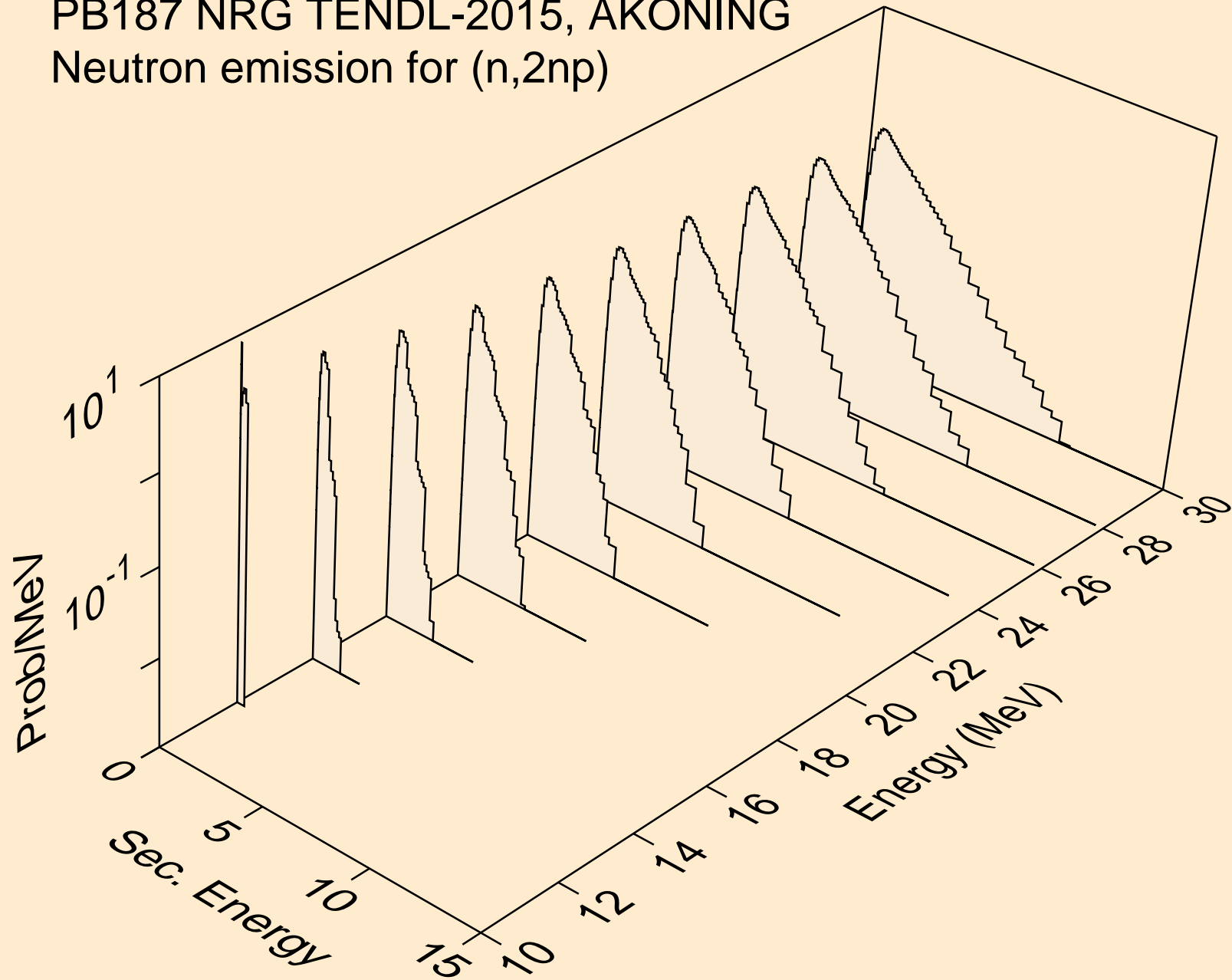
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



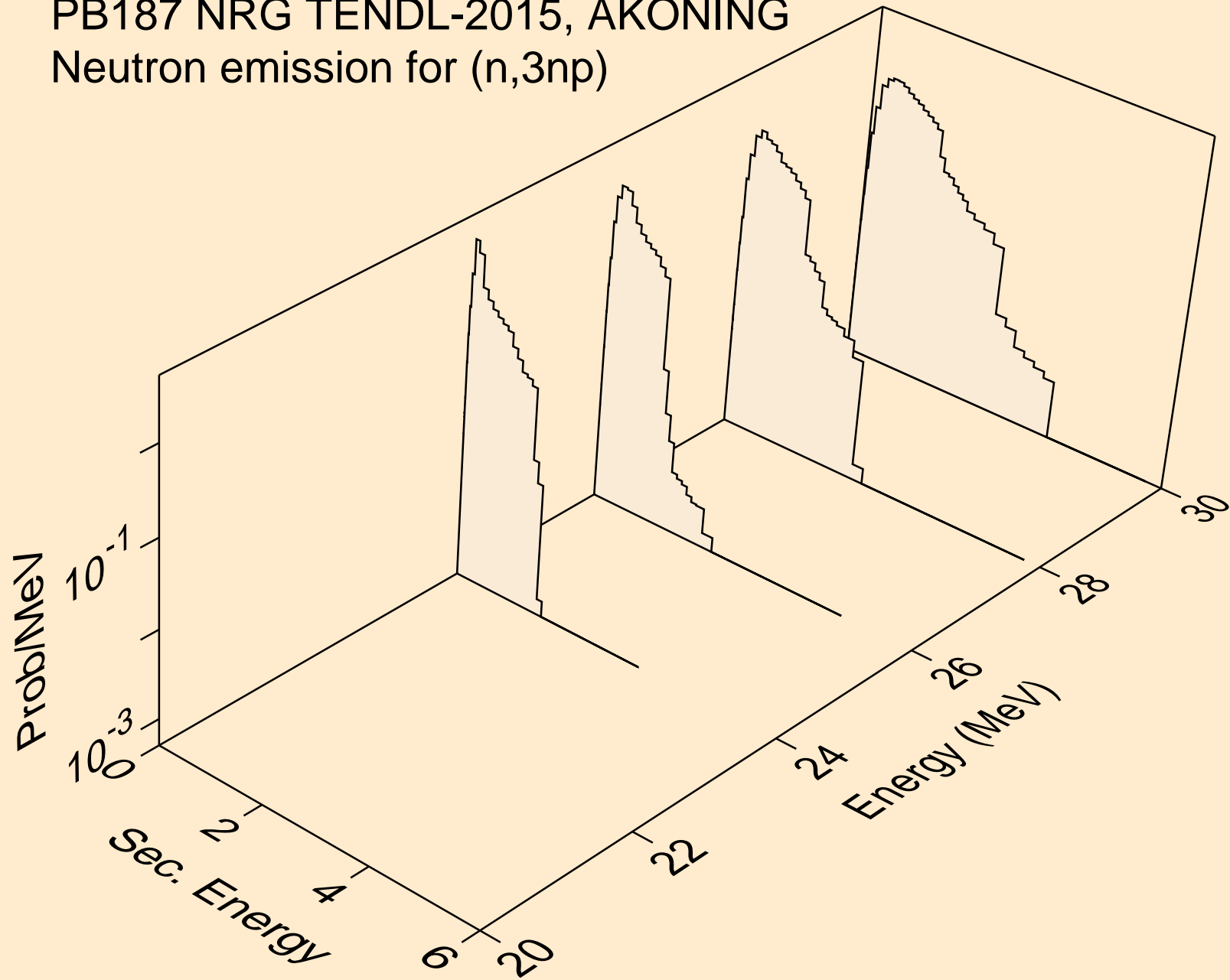
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



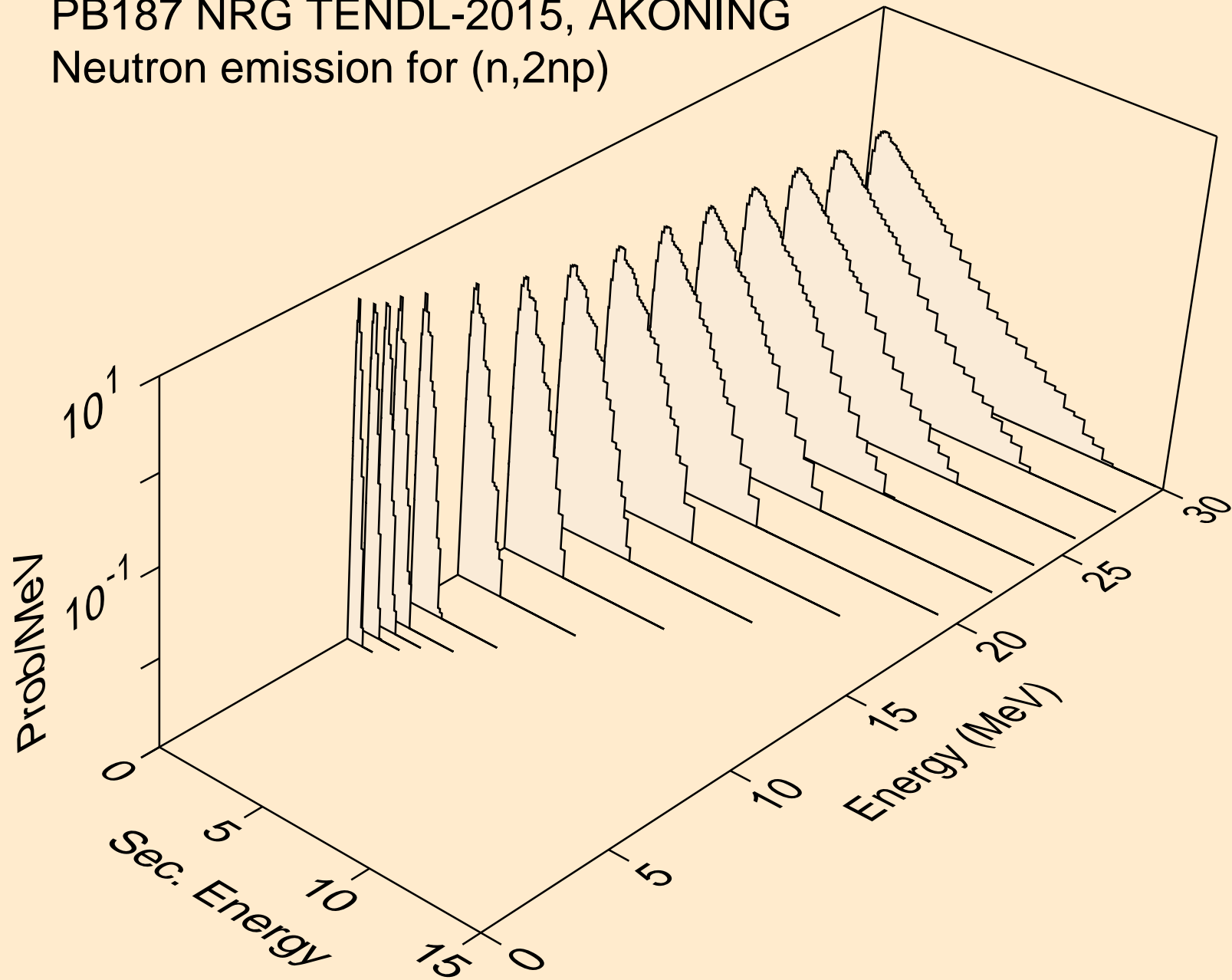
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



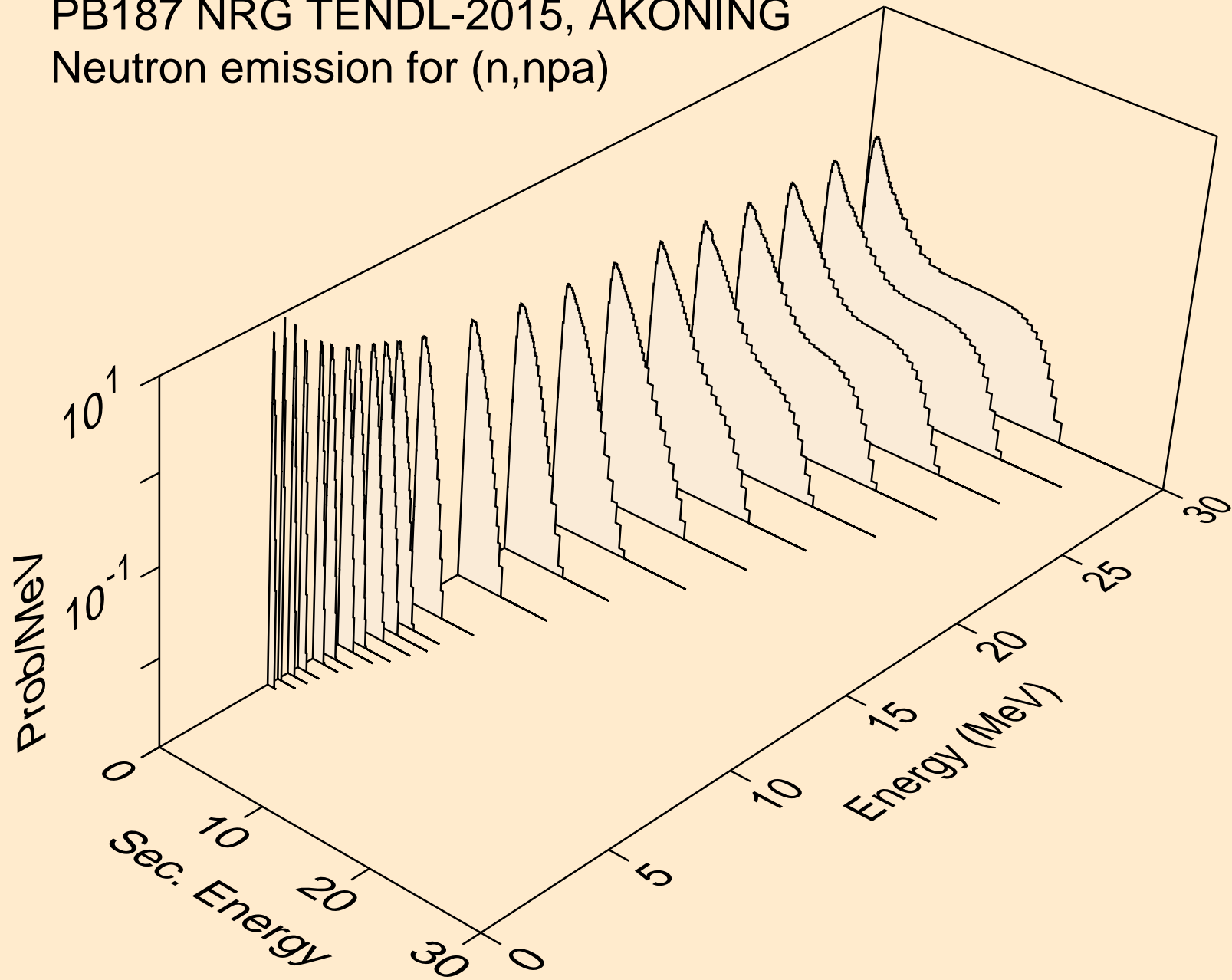
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

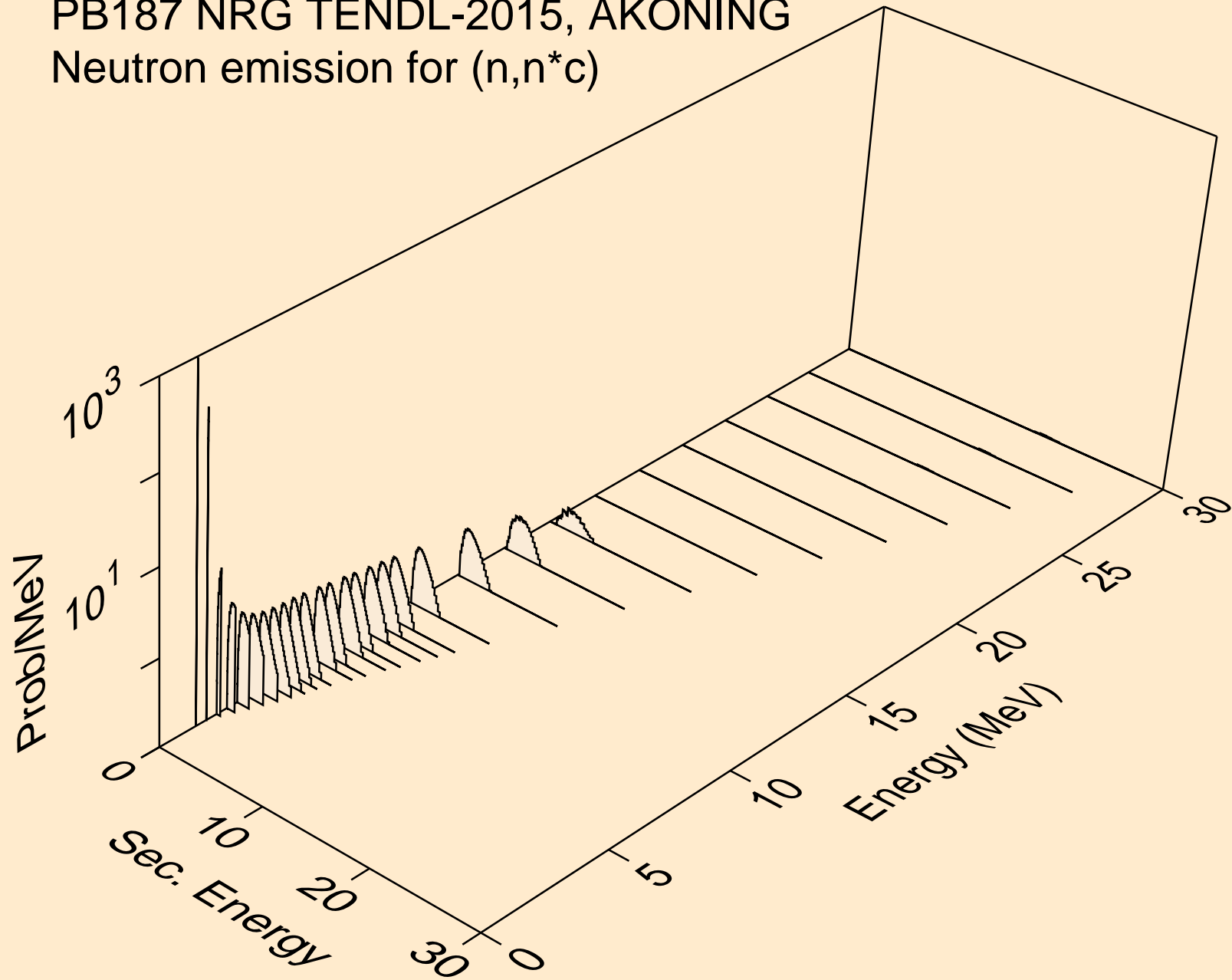


PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

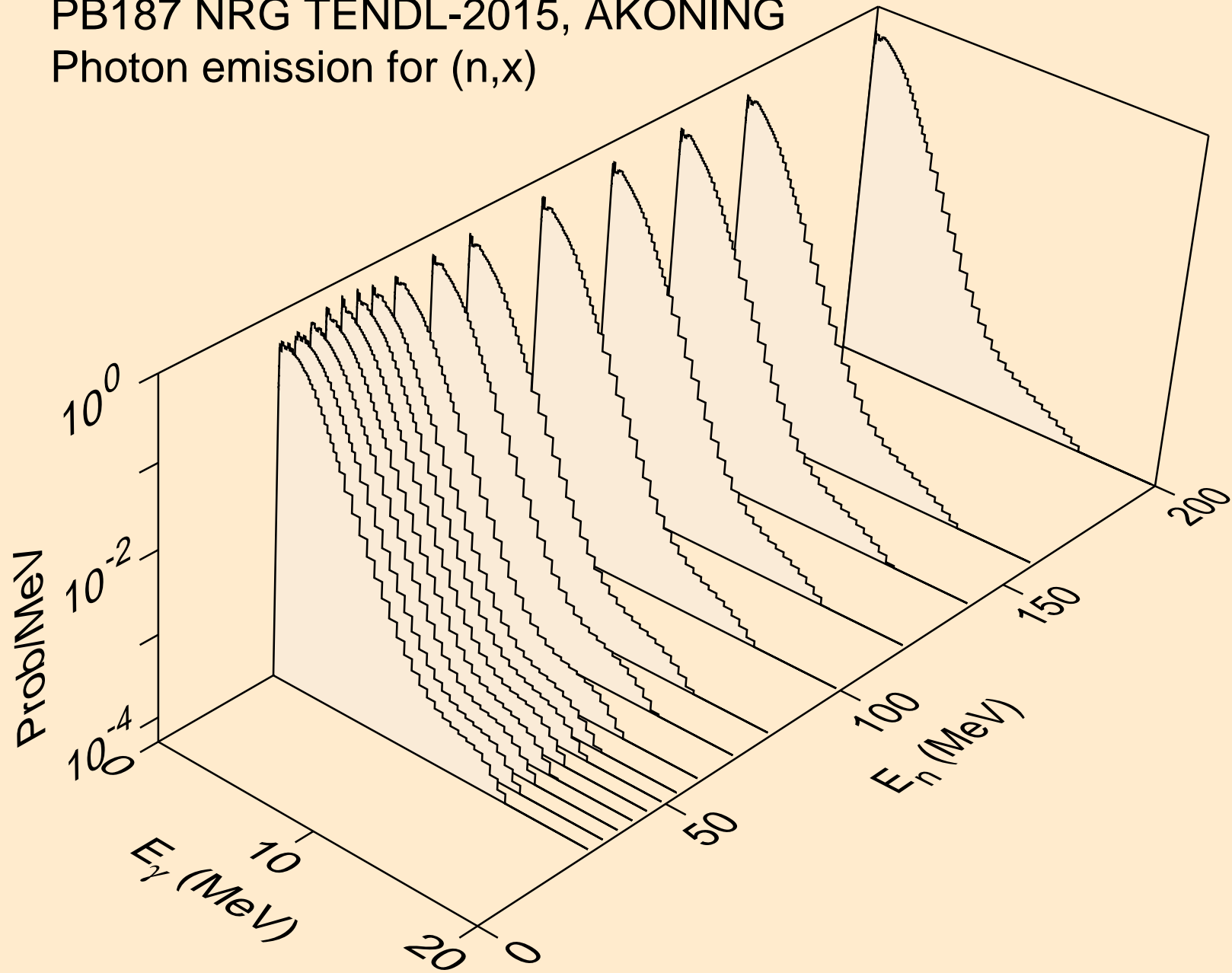




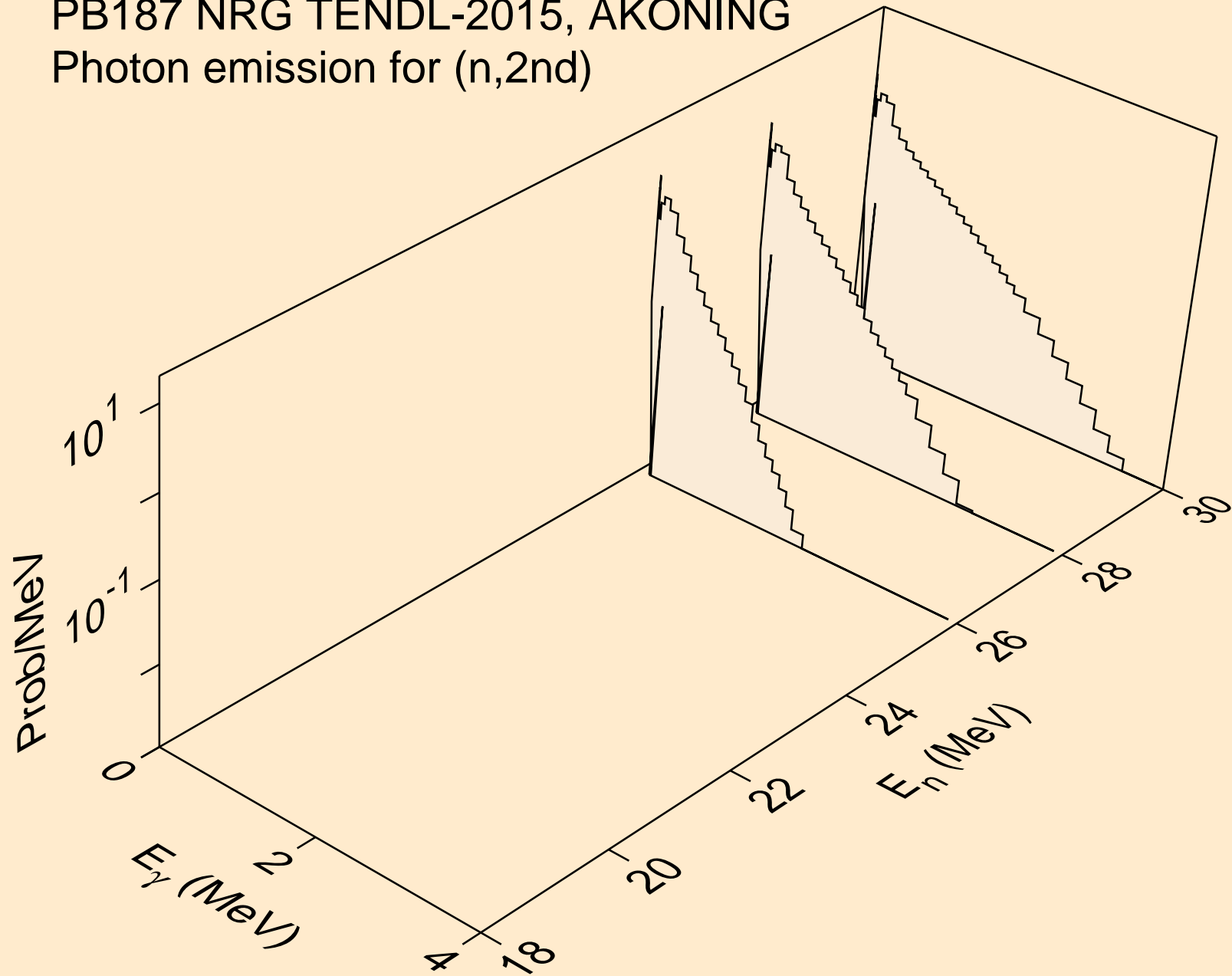
PB187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



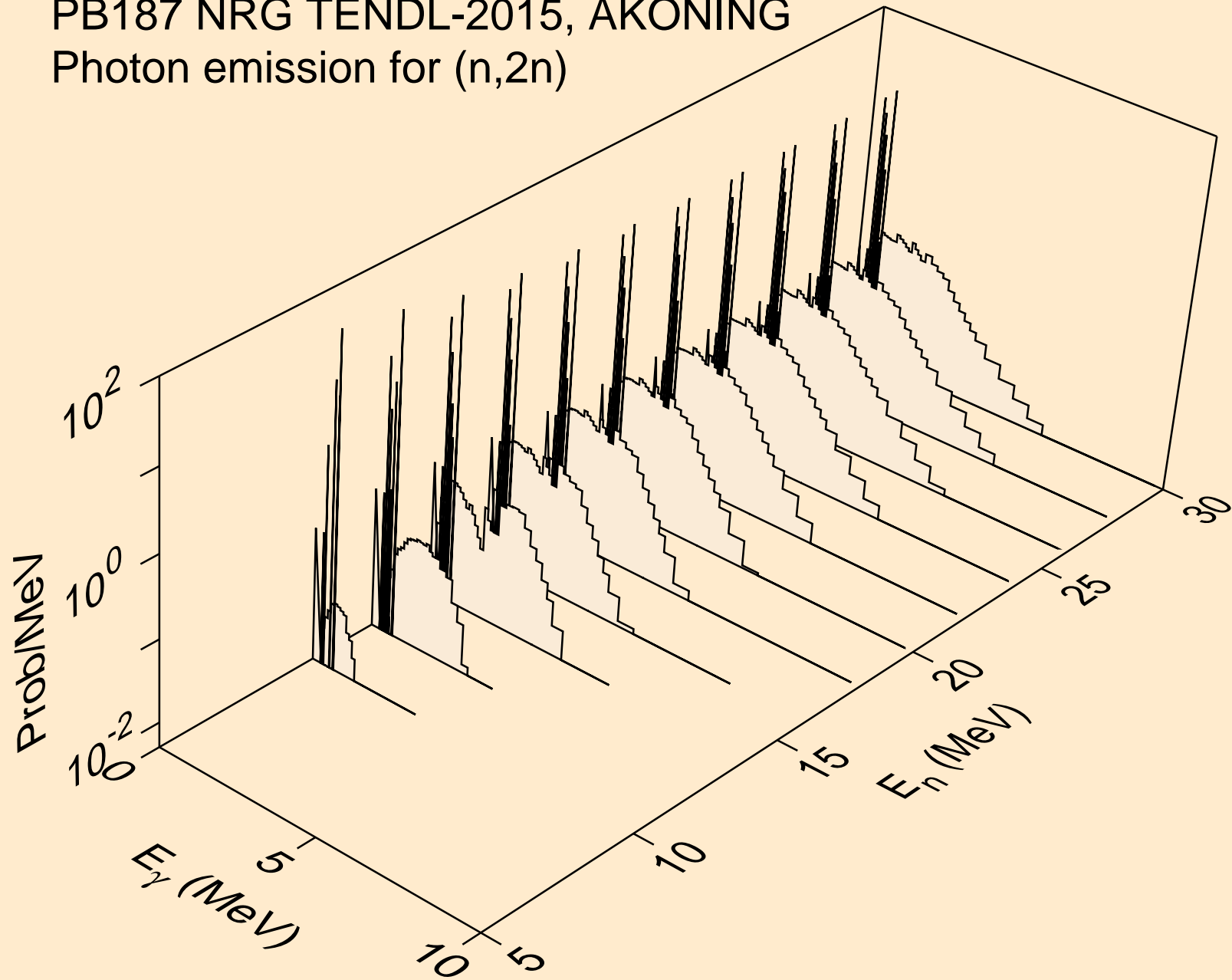
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



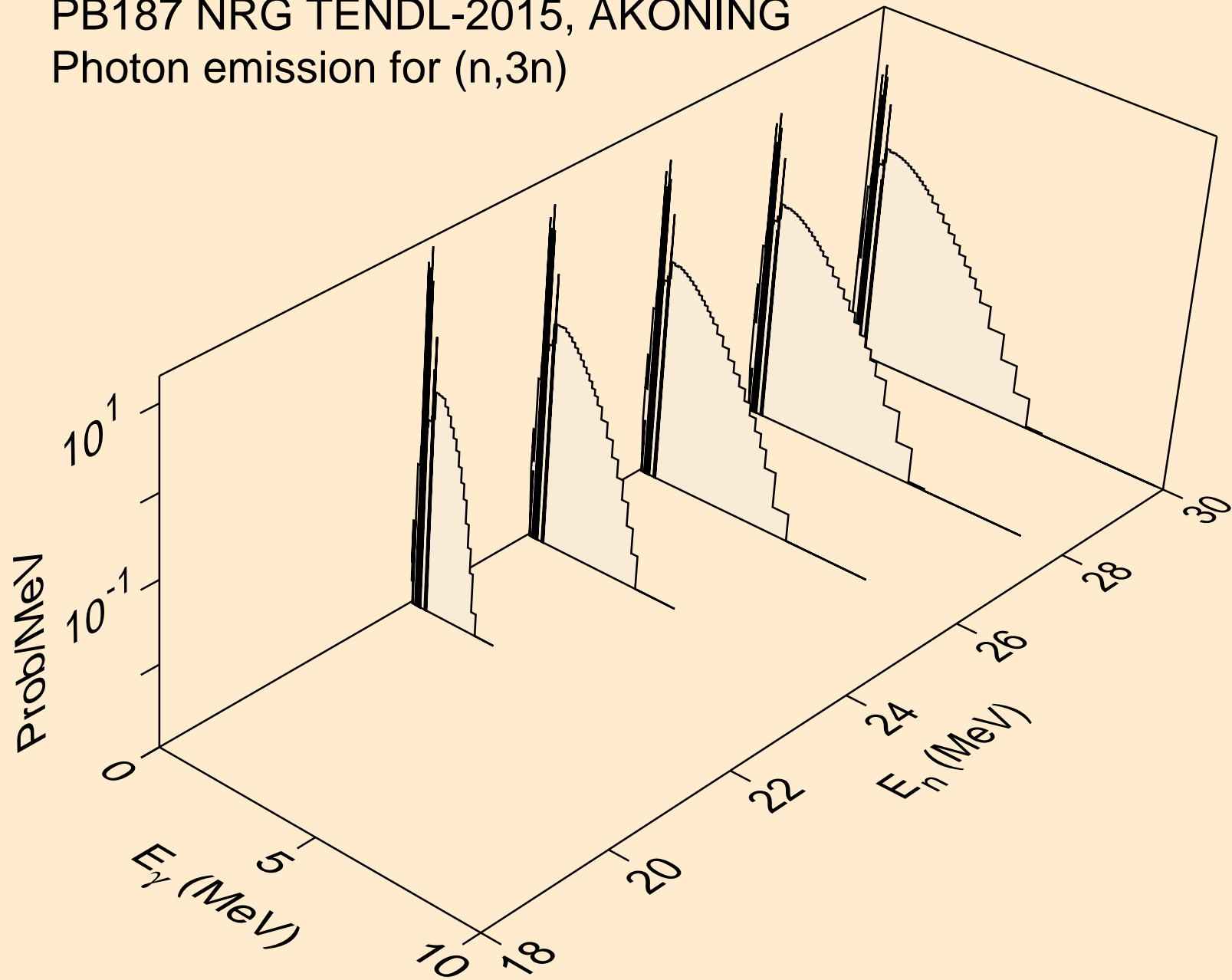
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



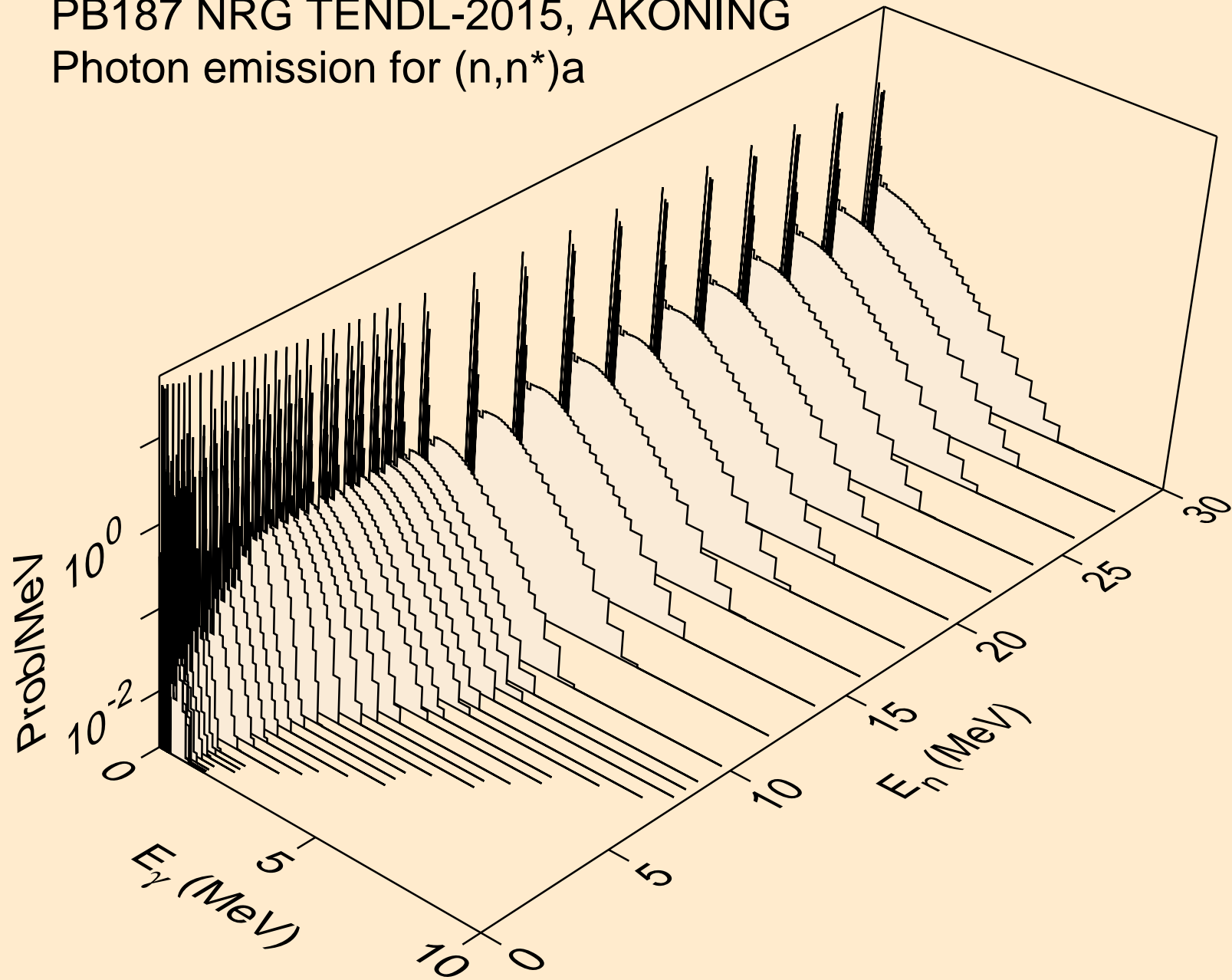
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



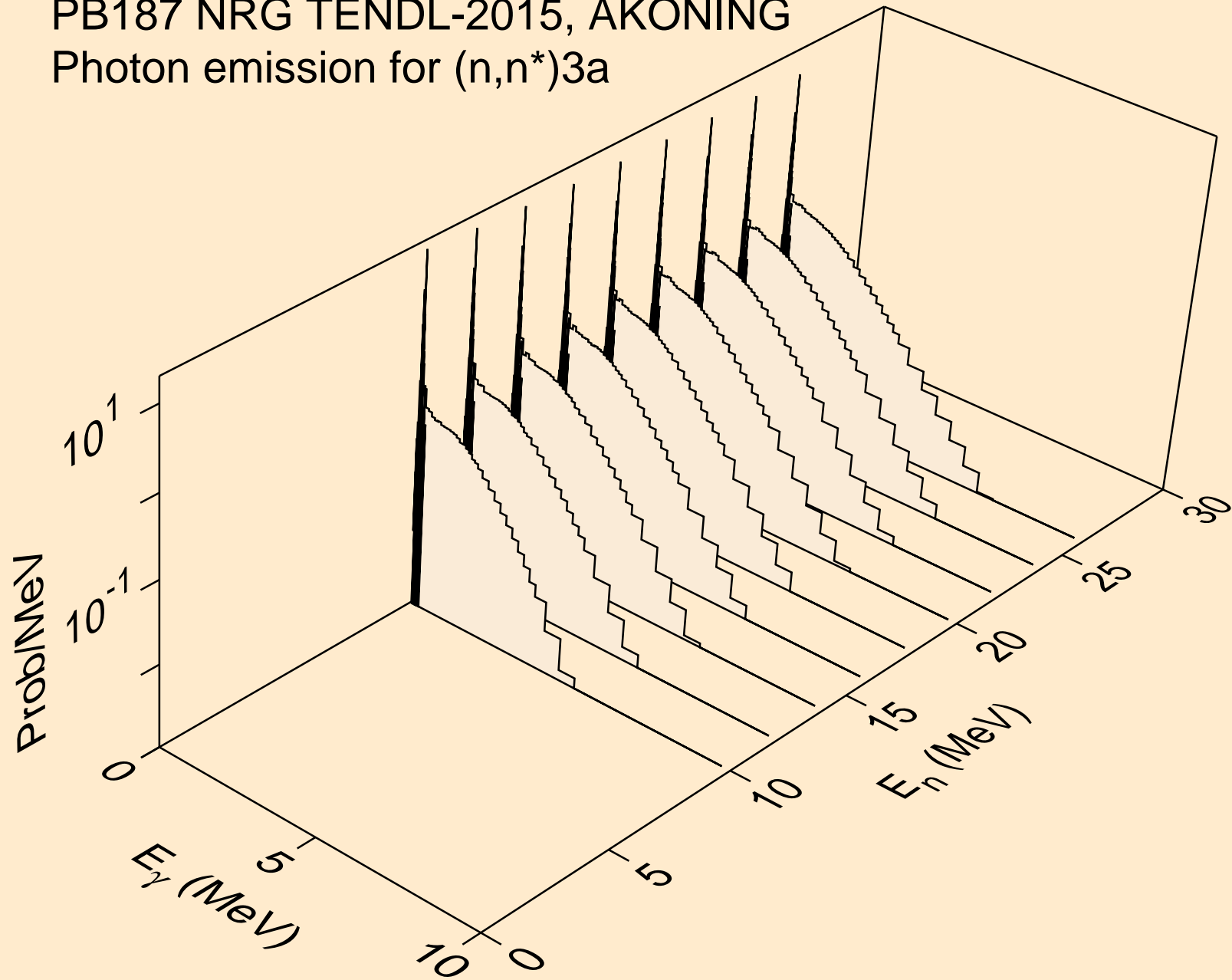
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



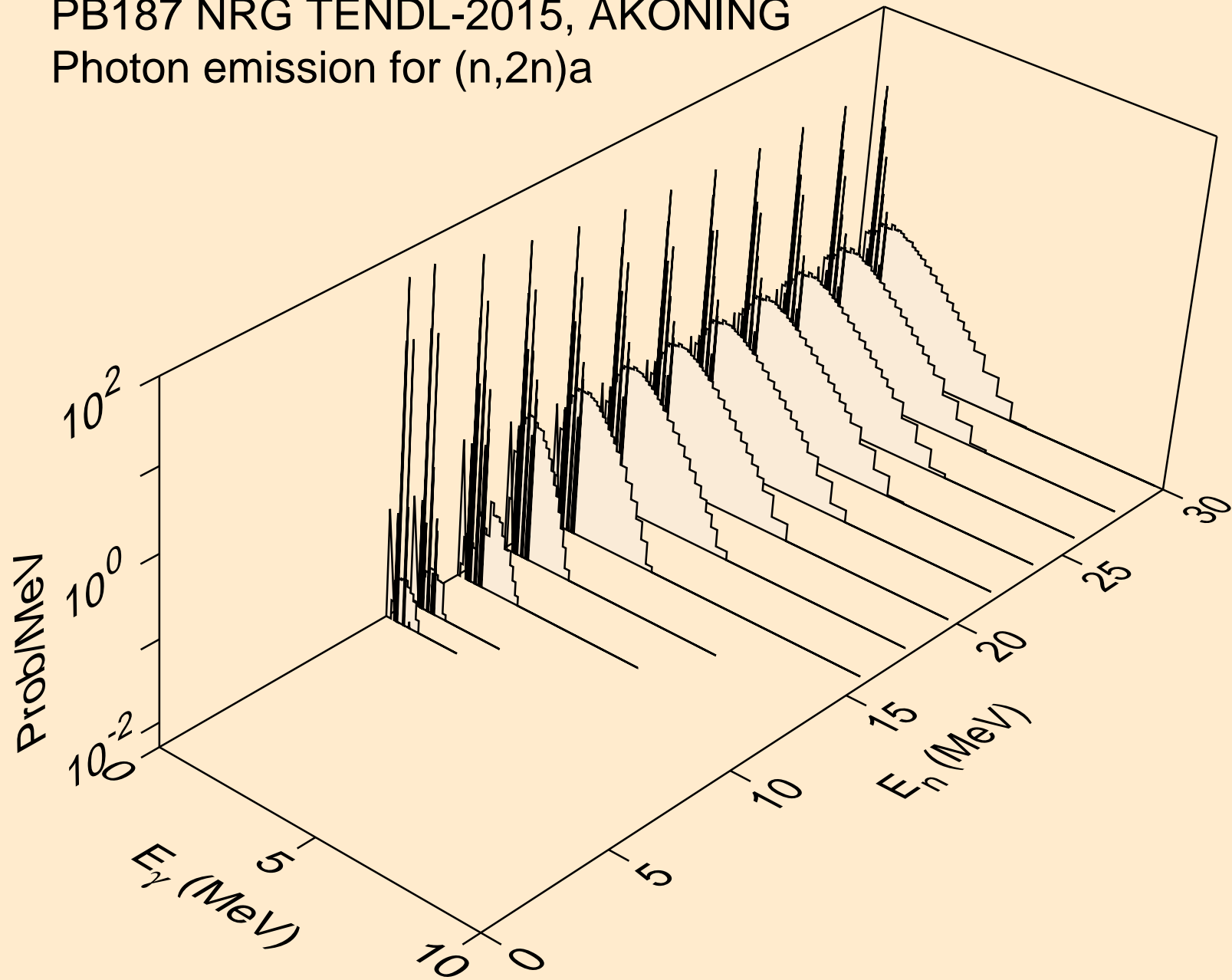
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

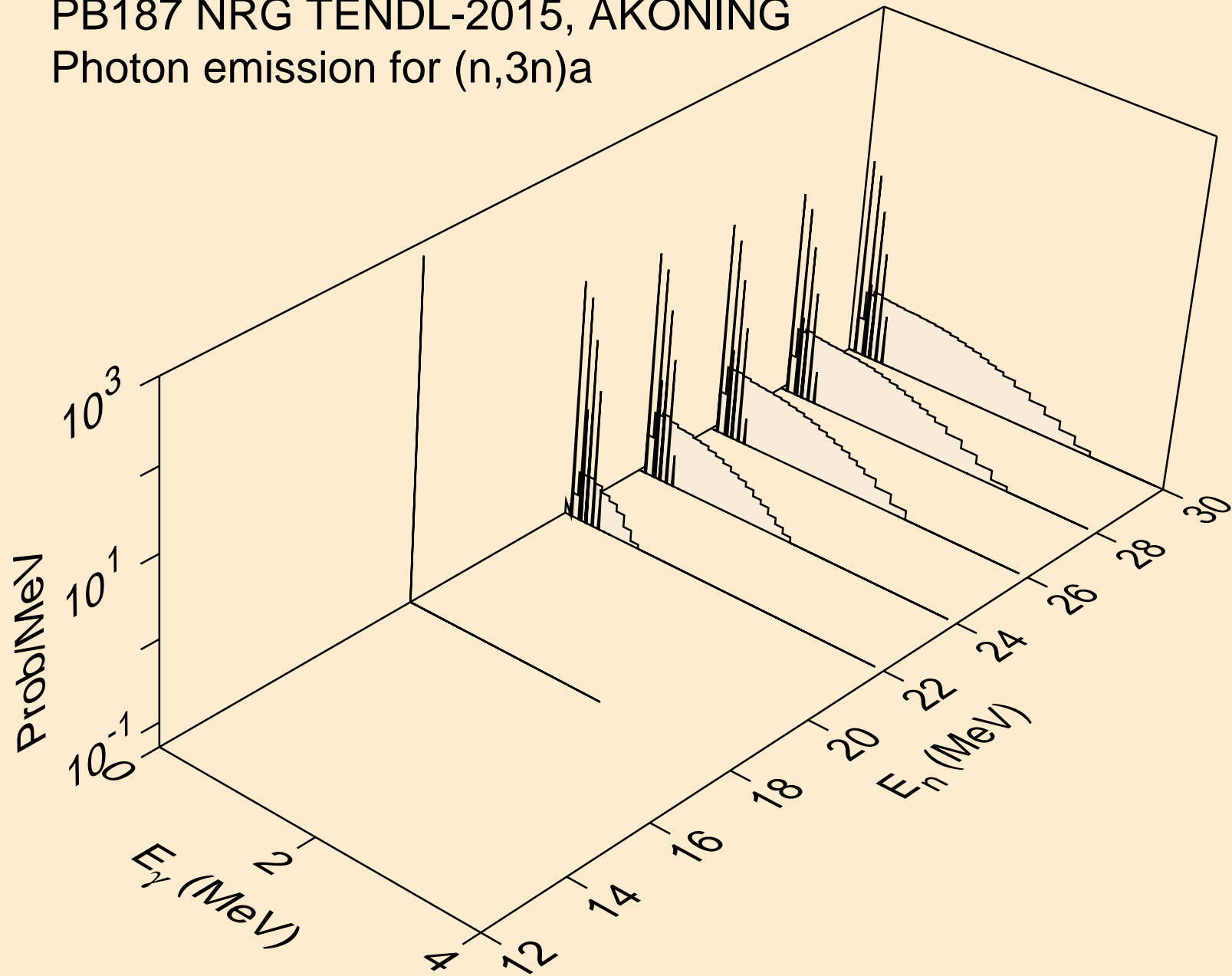


PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

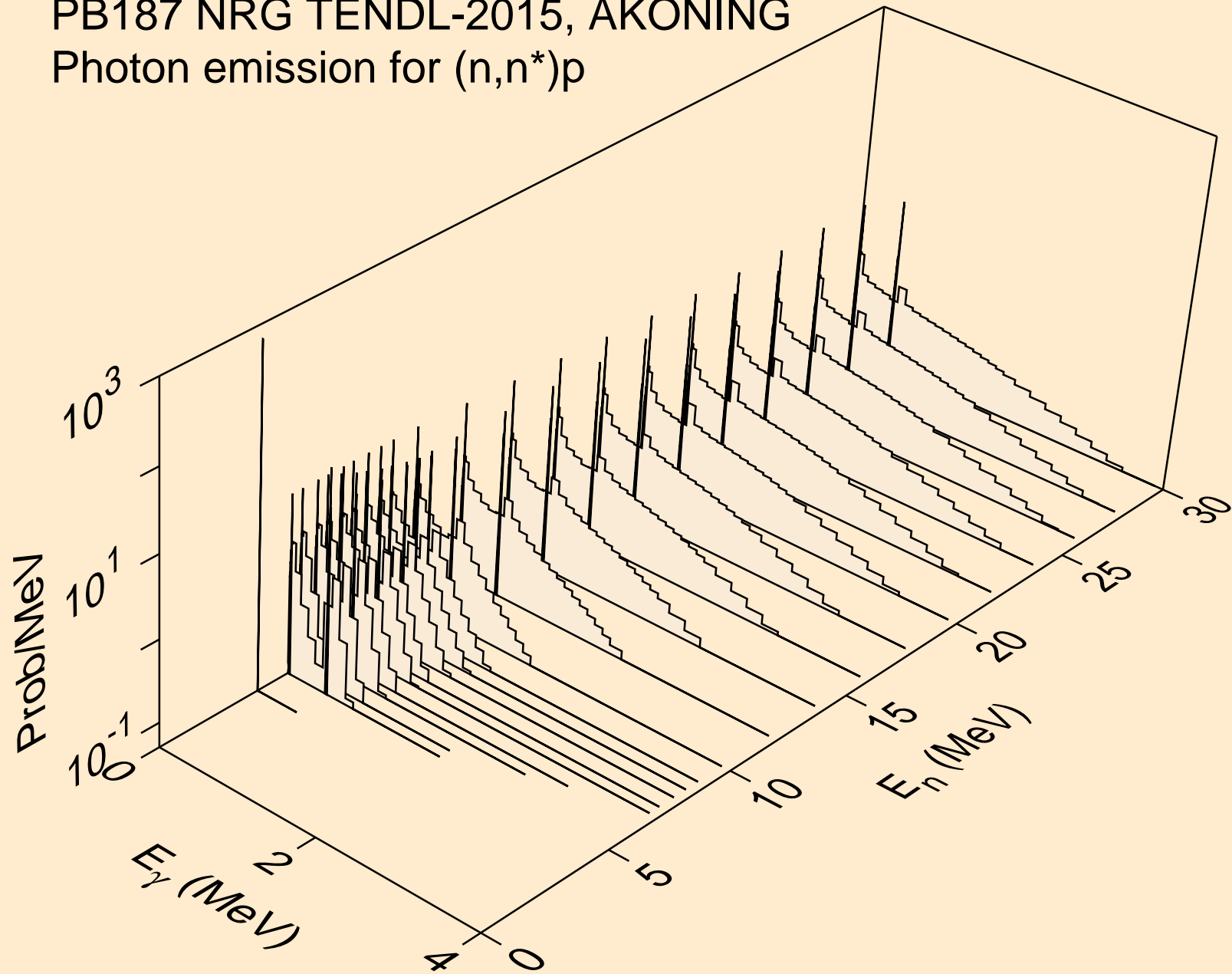




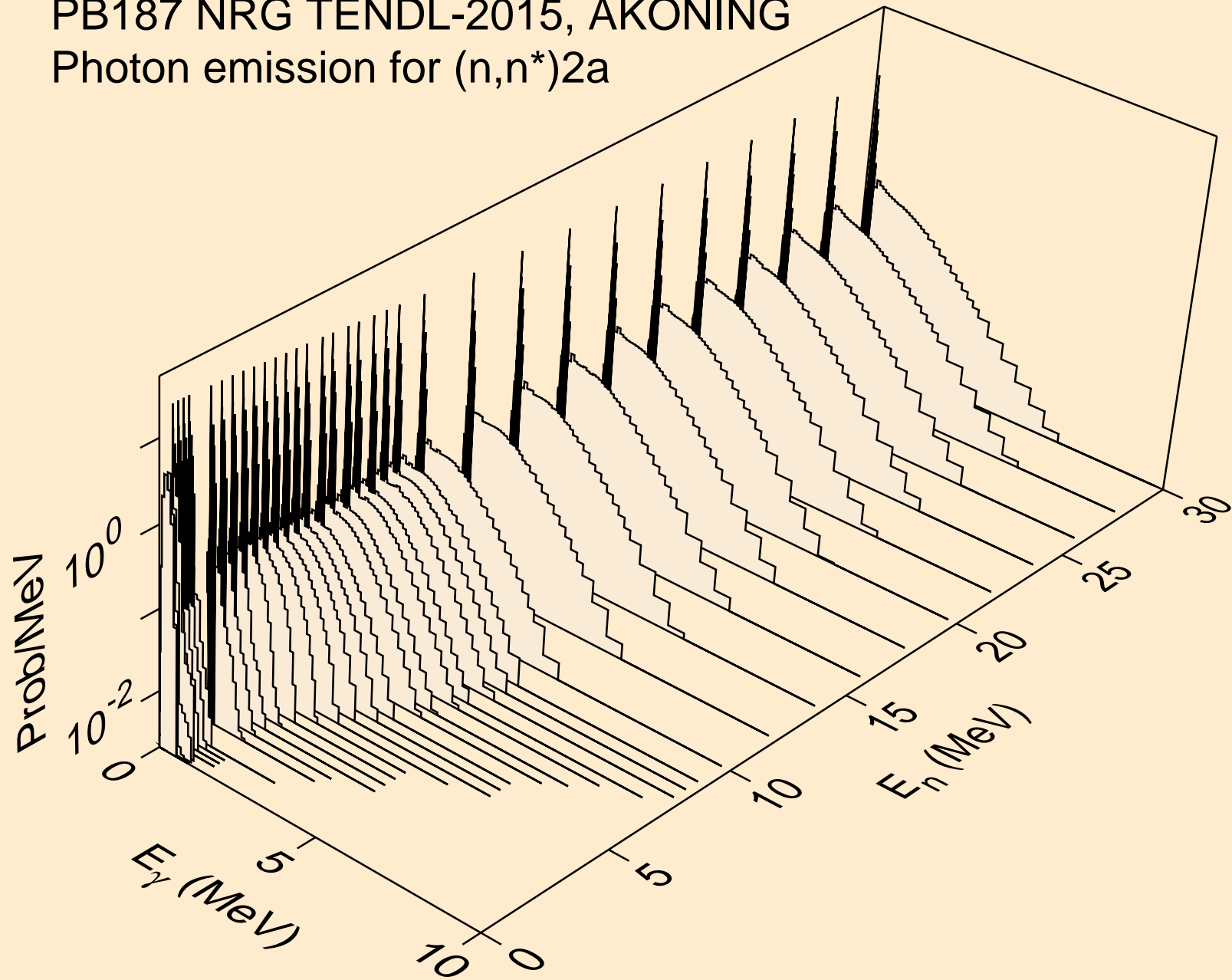
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



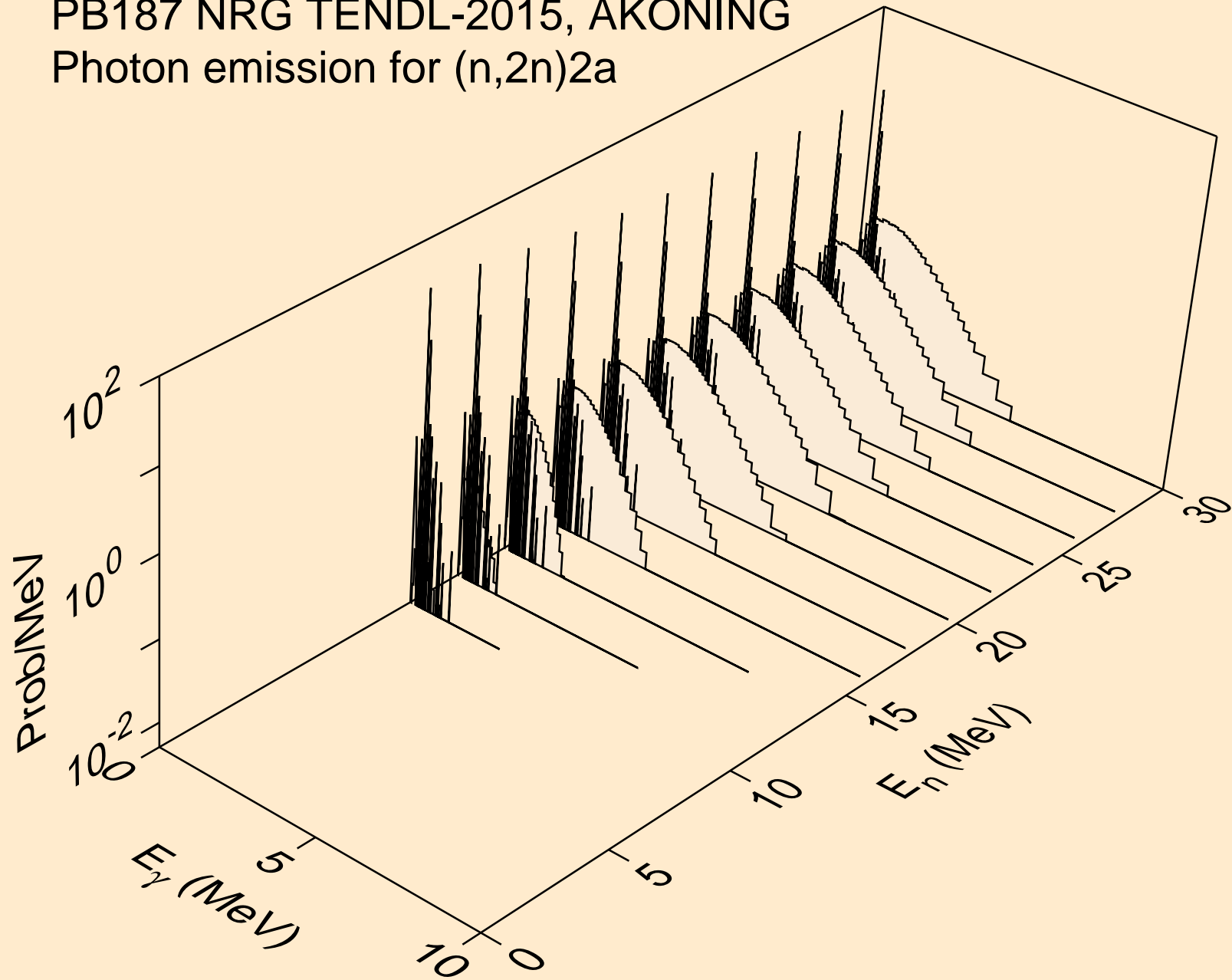
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



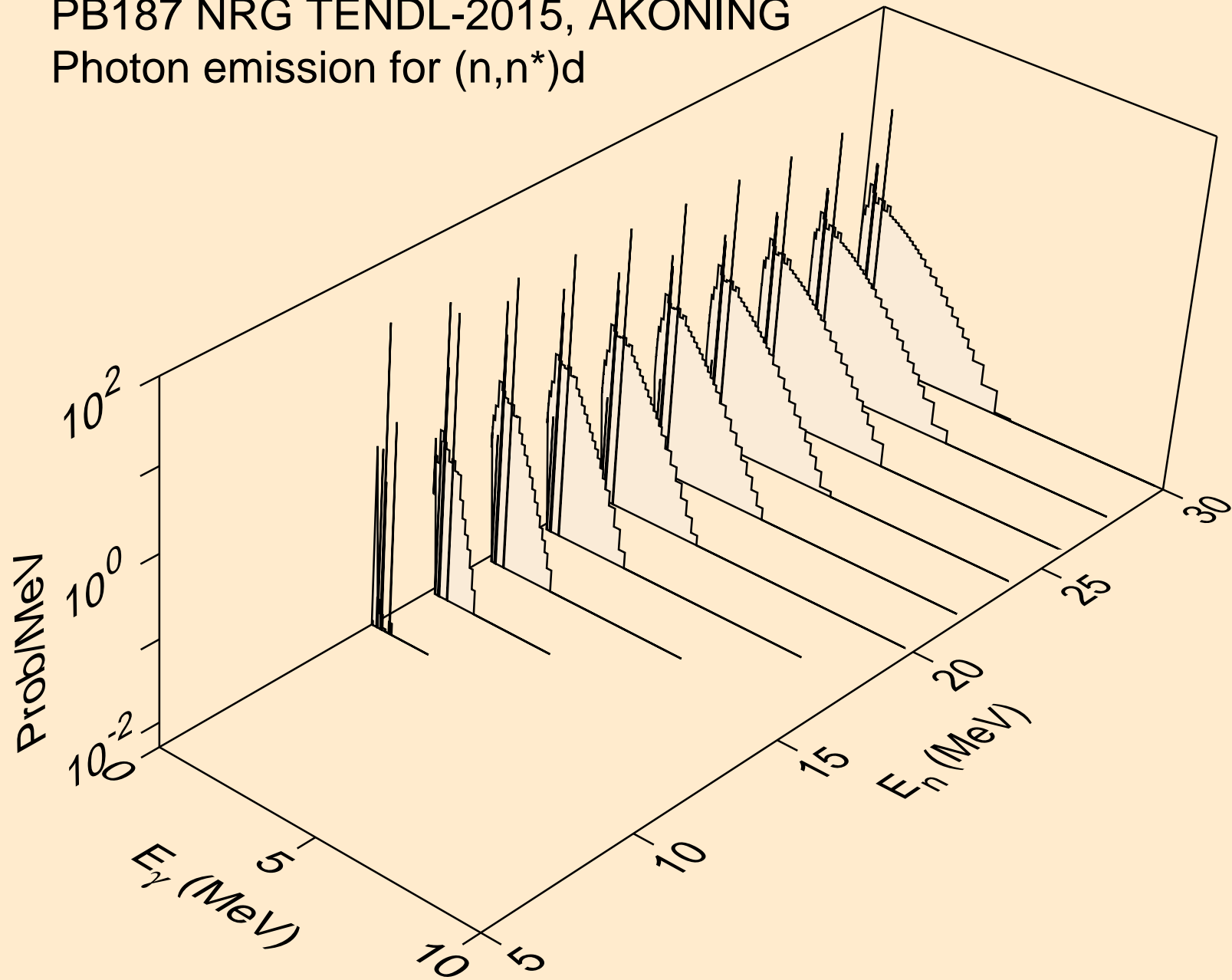
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



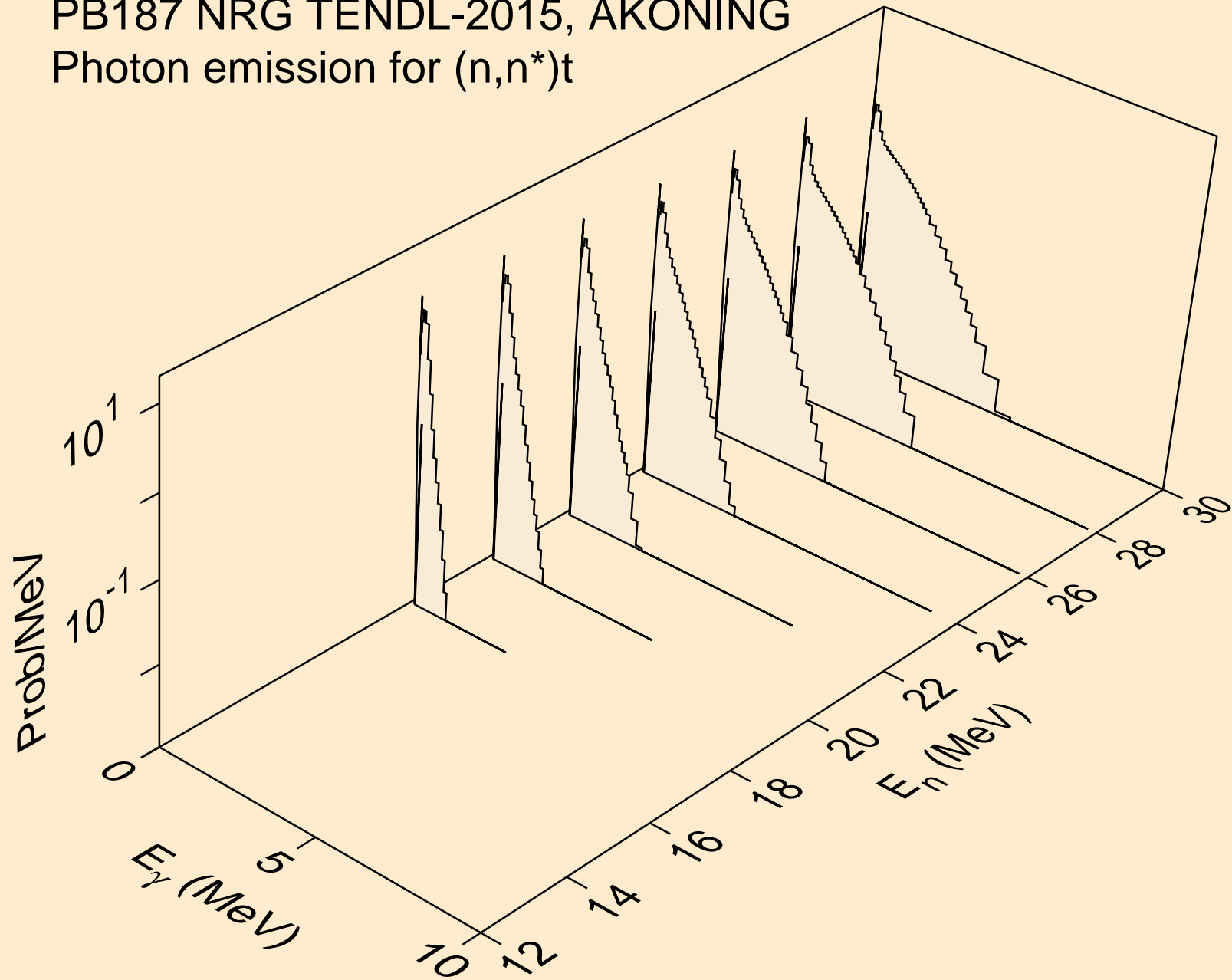
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



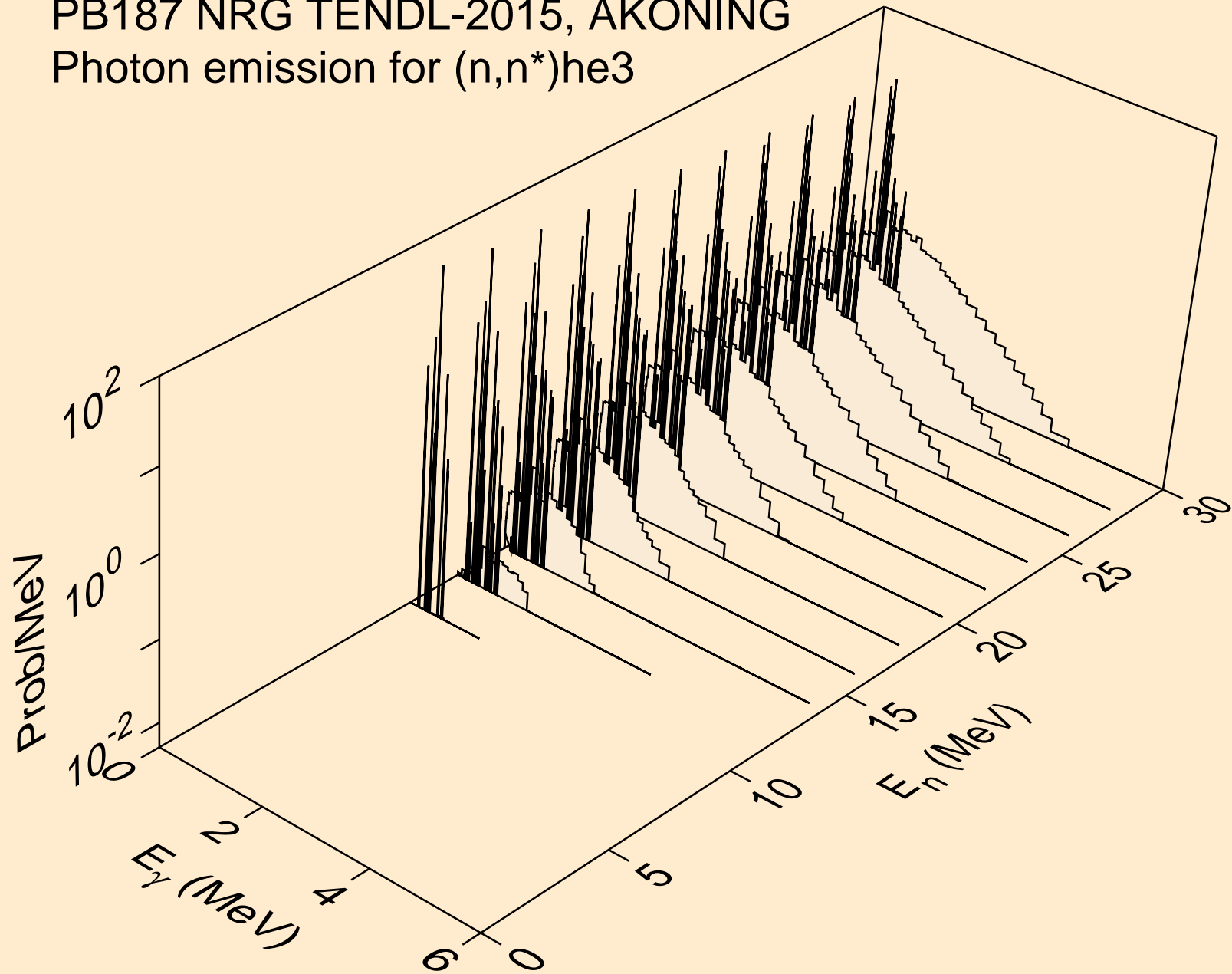
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



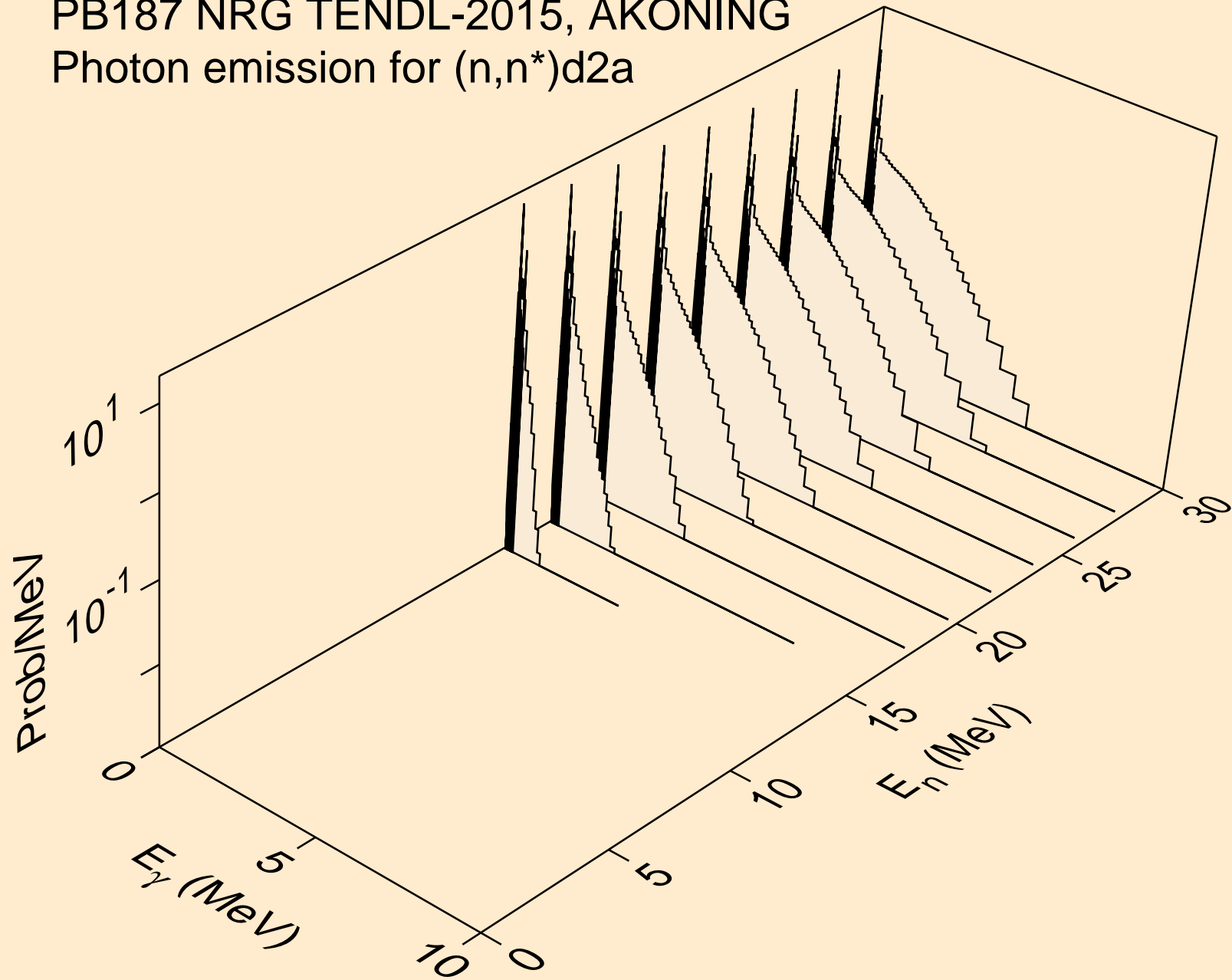
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

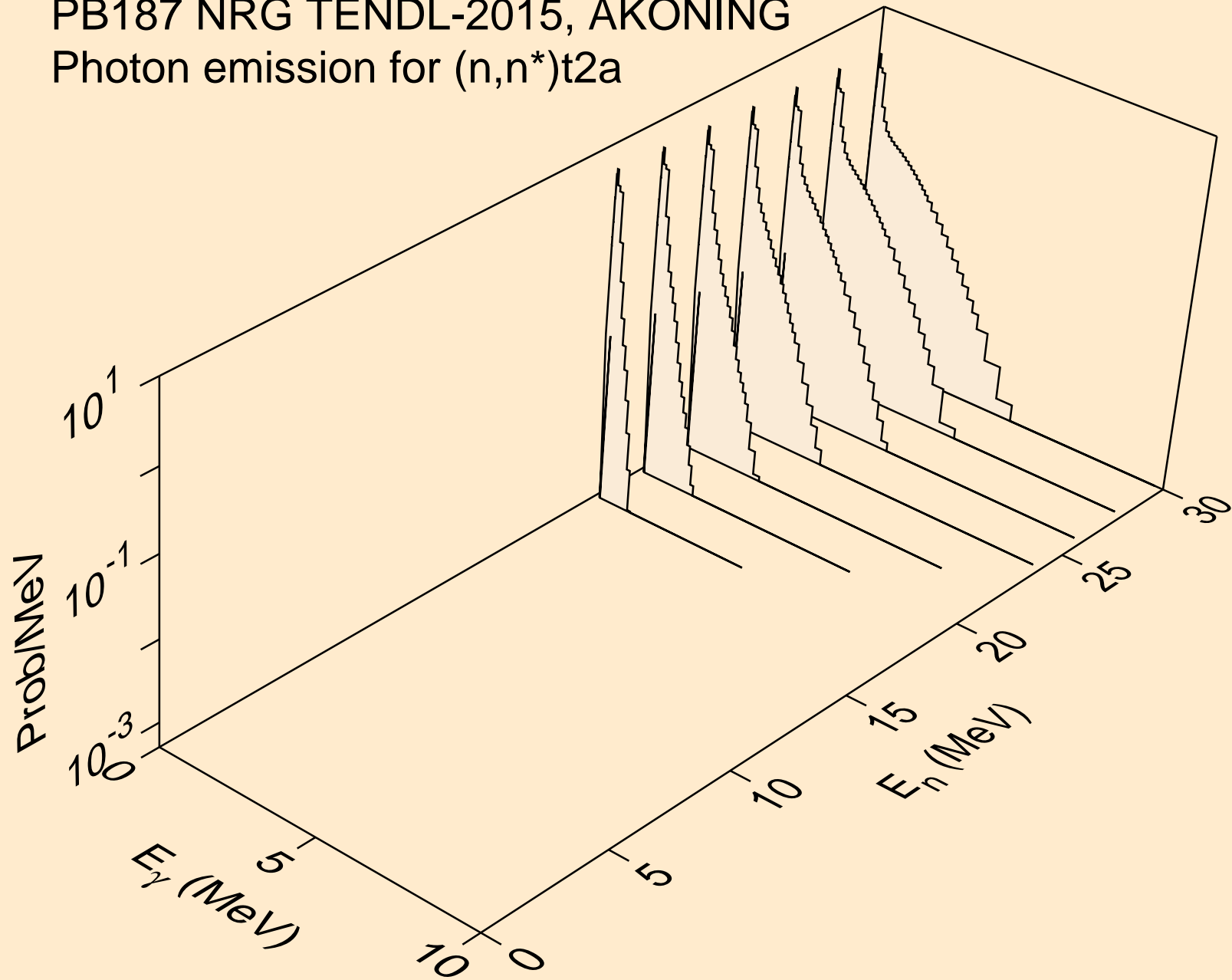


PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a

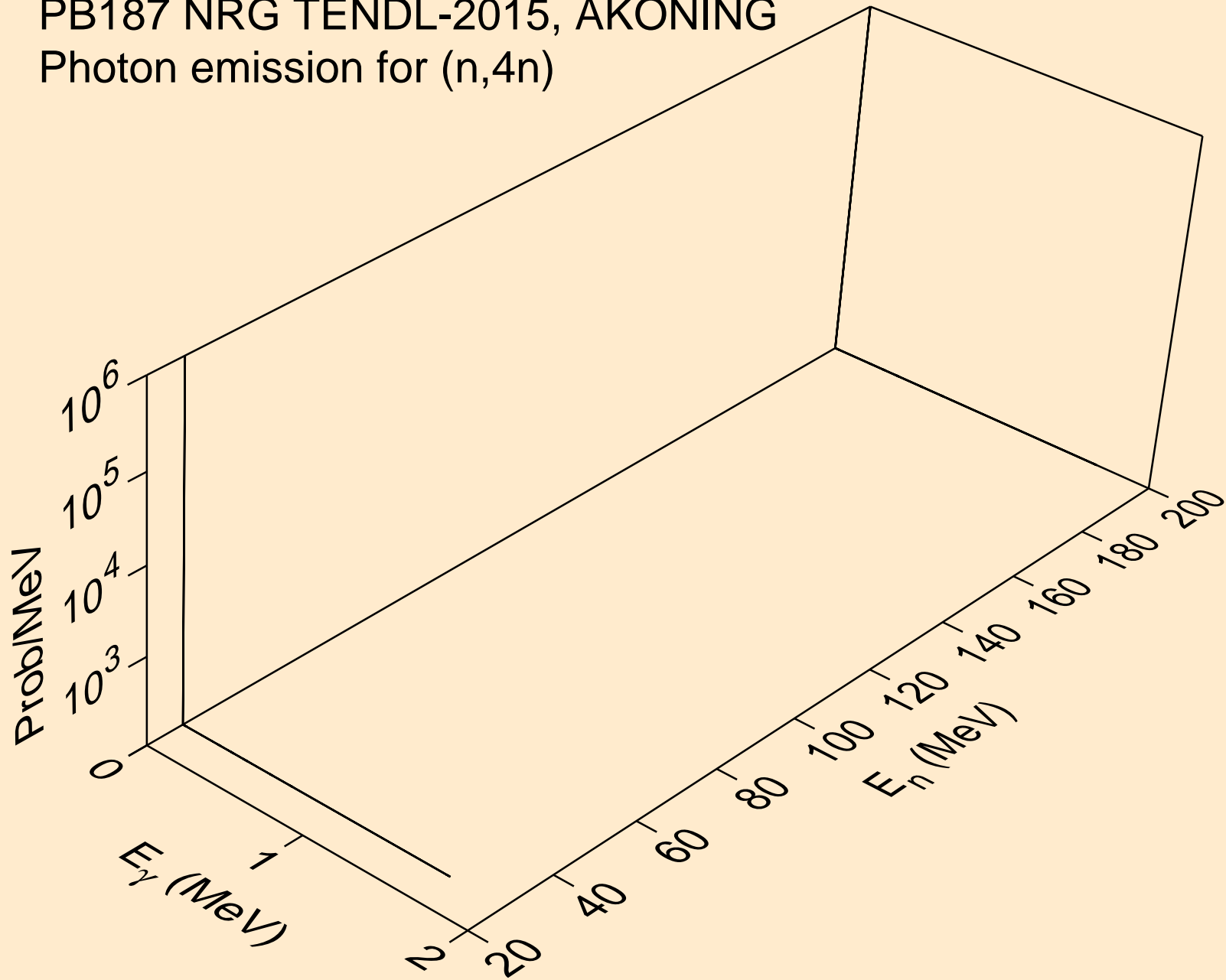




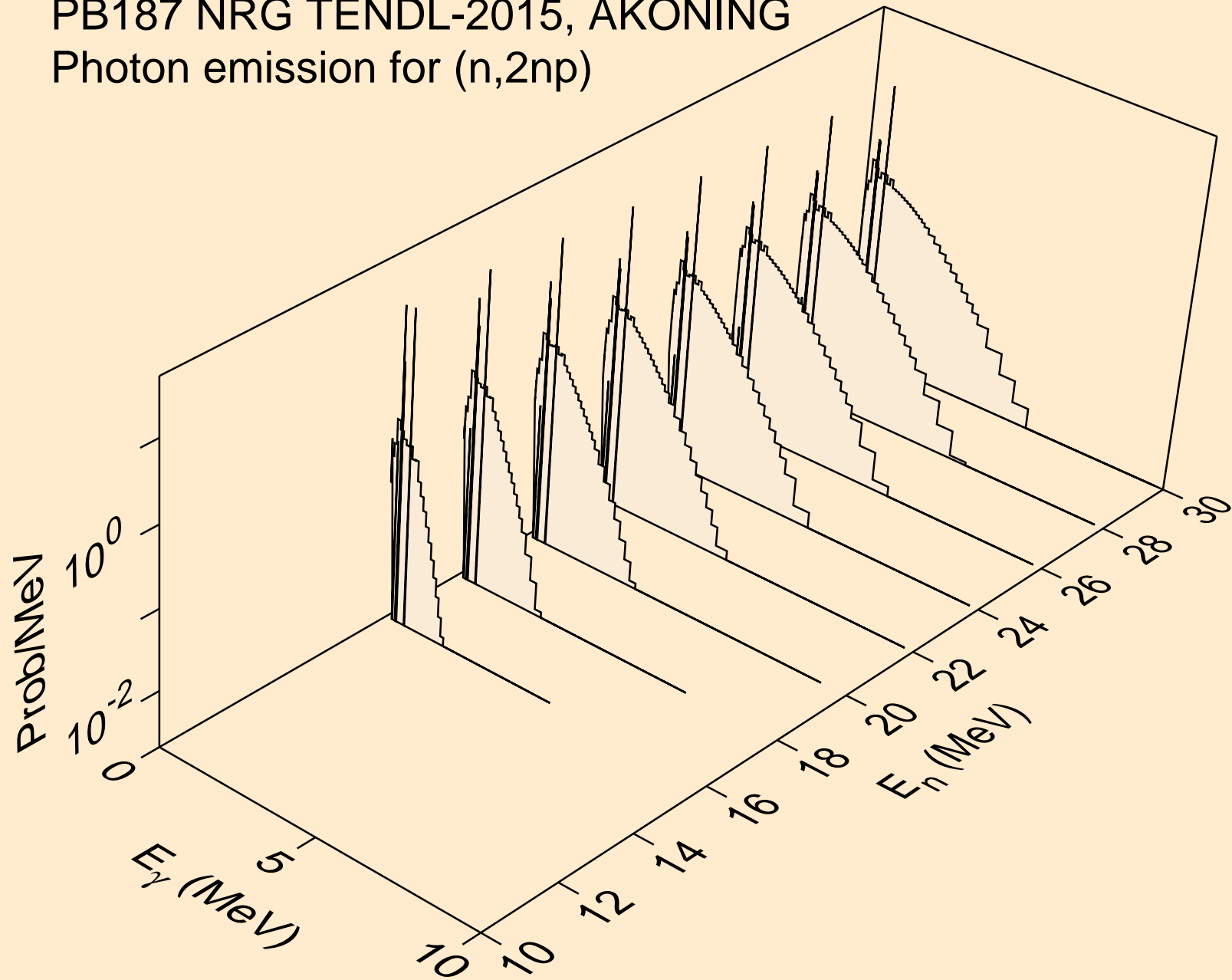
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



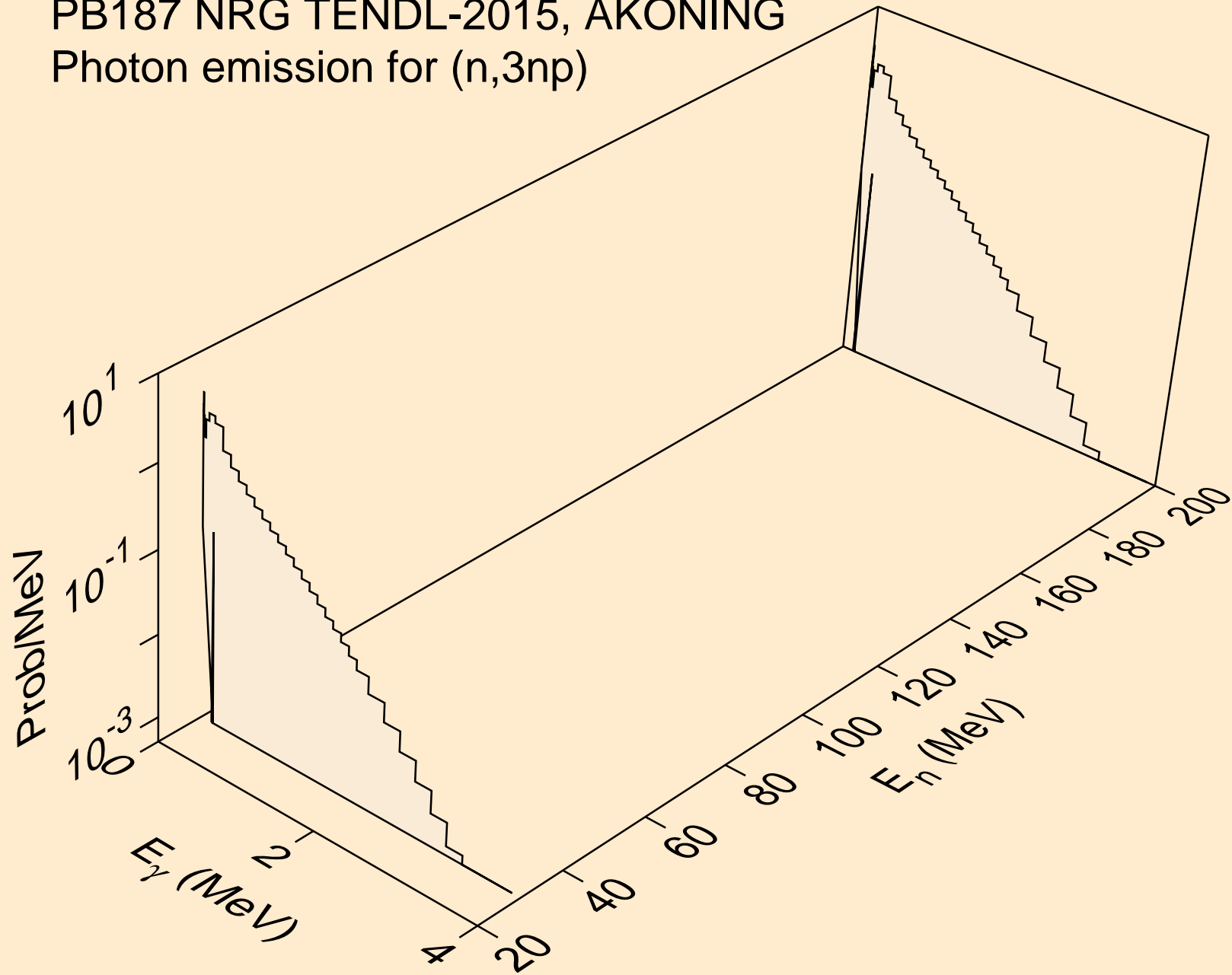
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



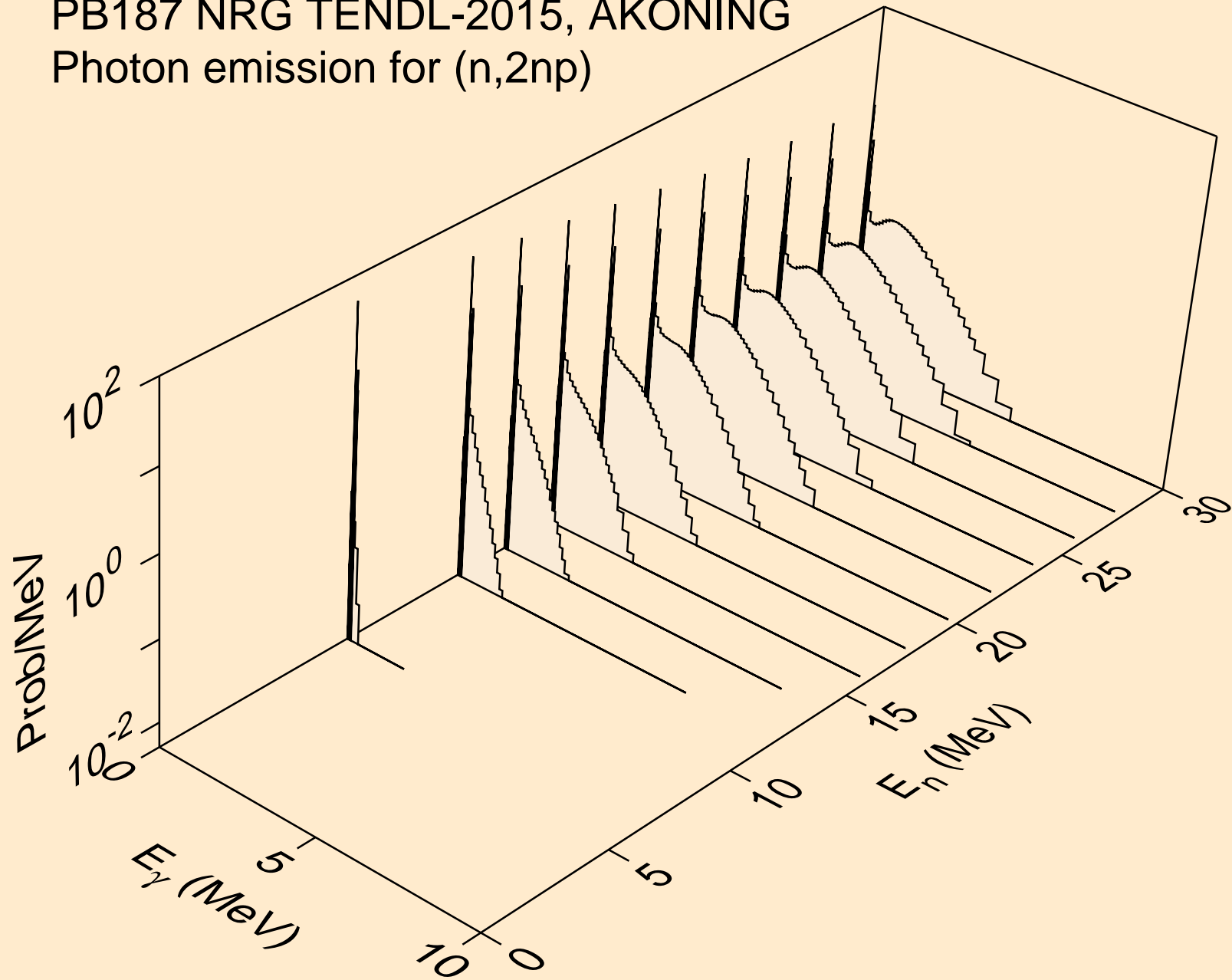
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



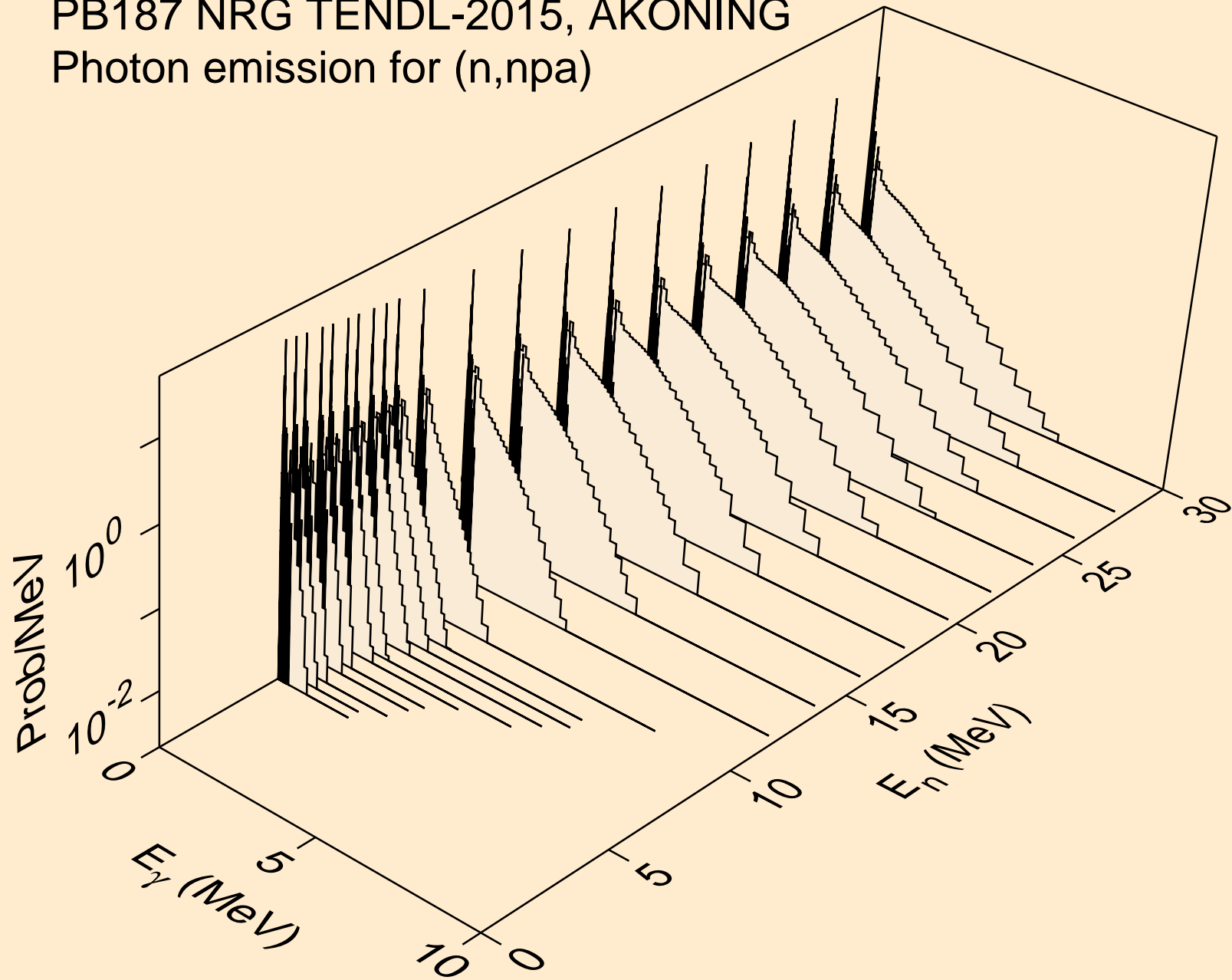
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



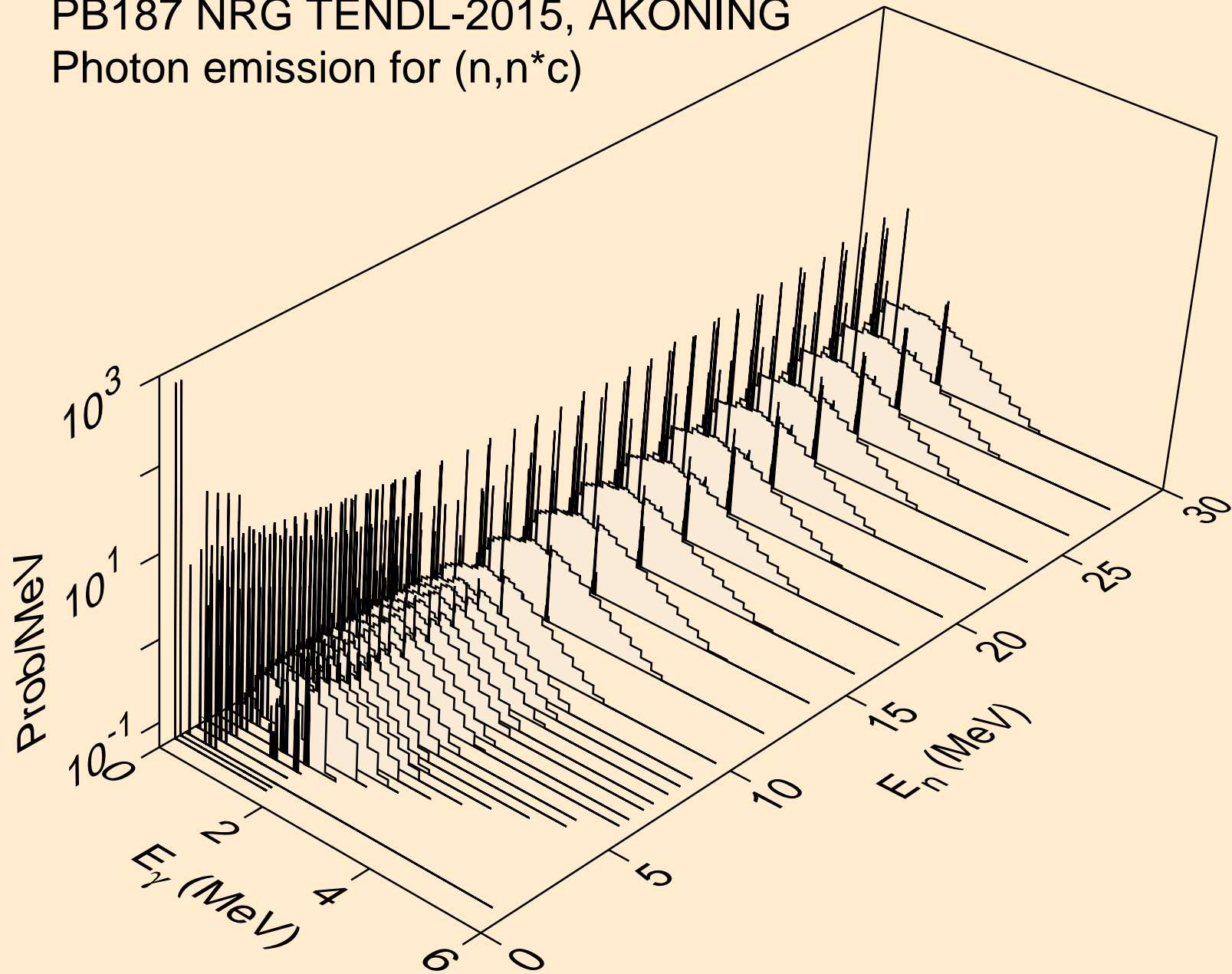
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



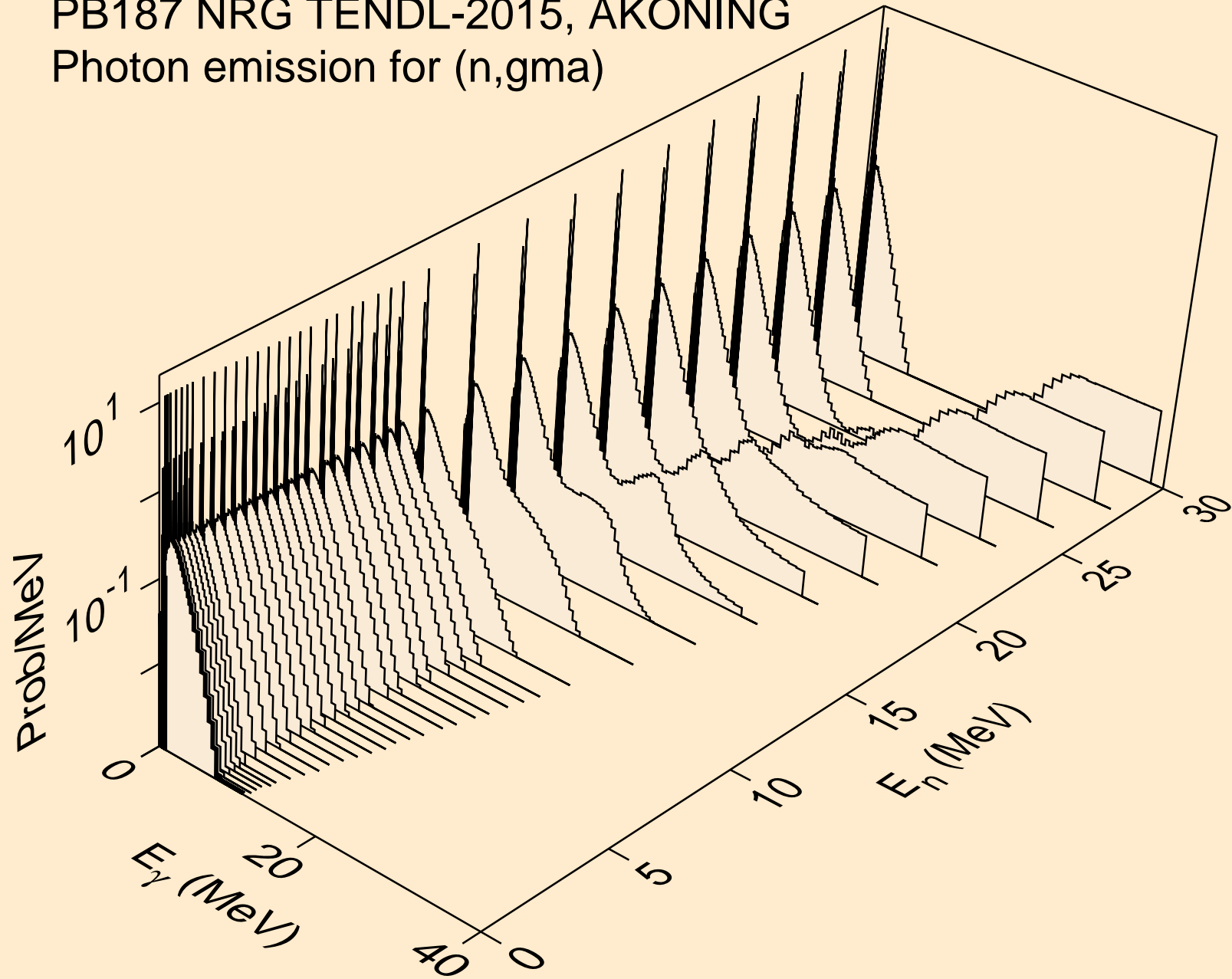
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

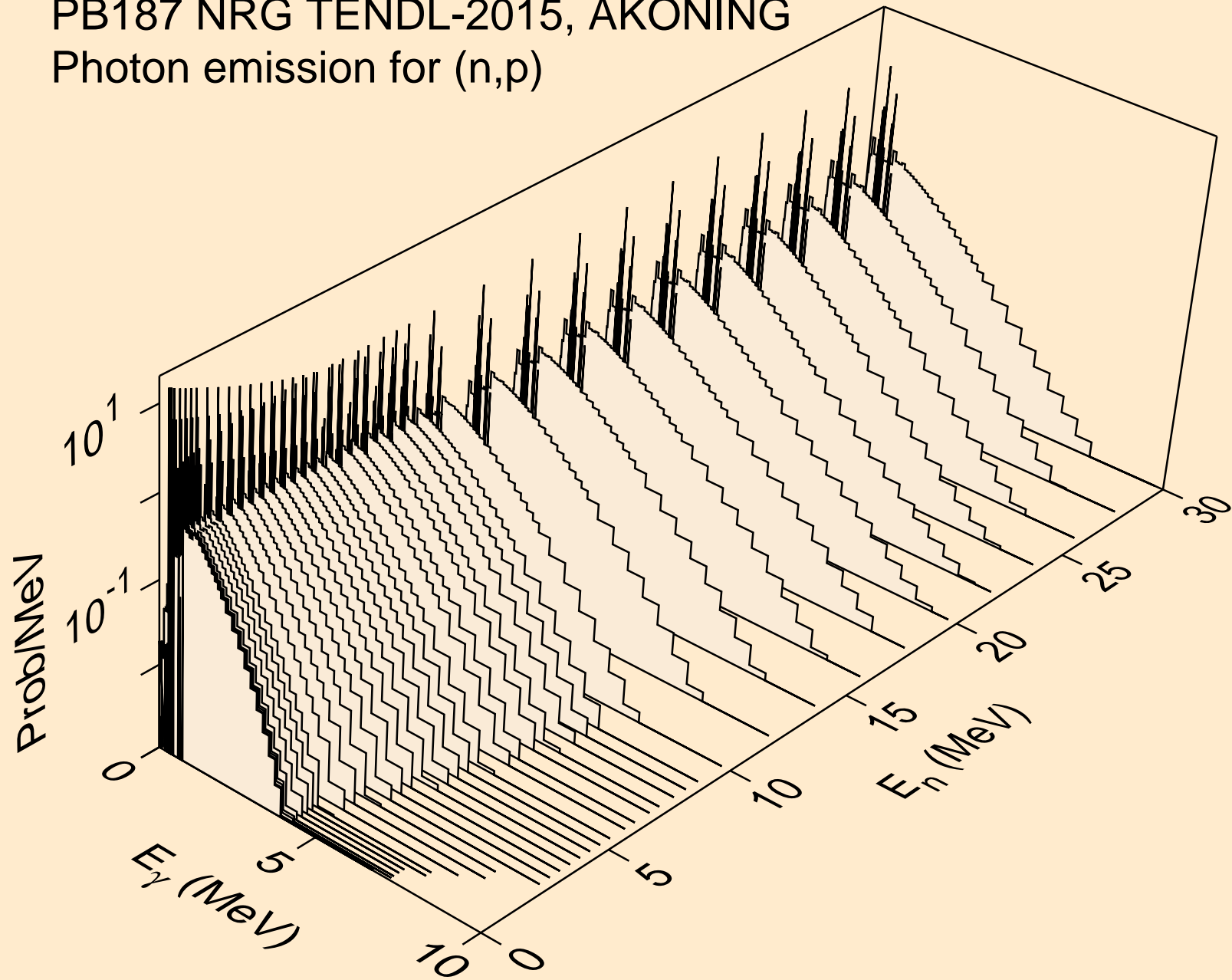


PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

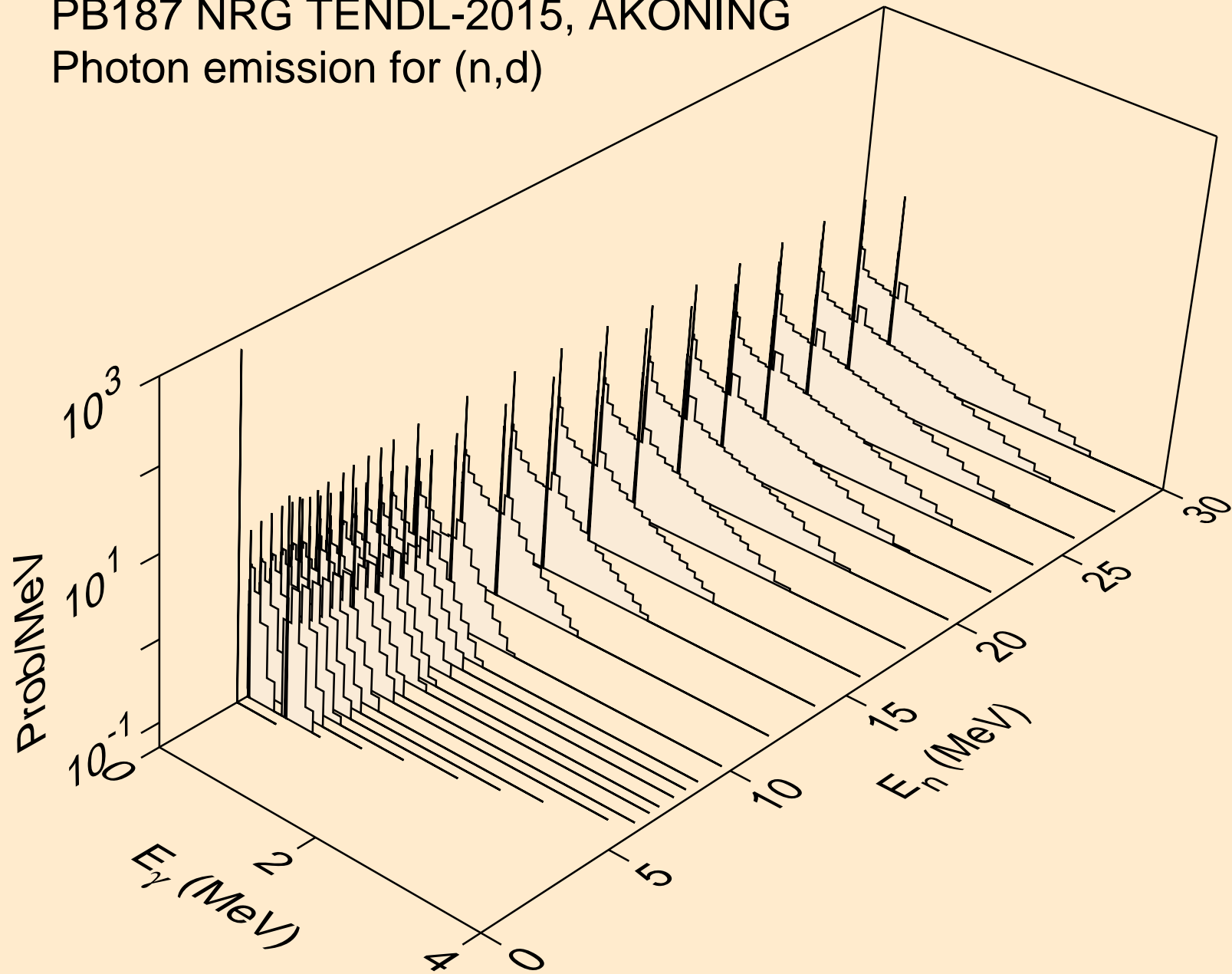




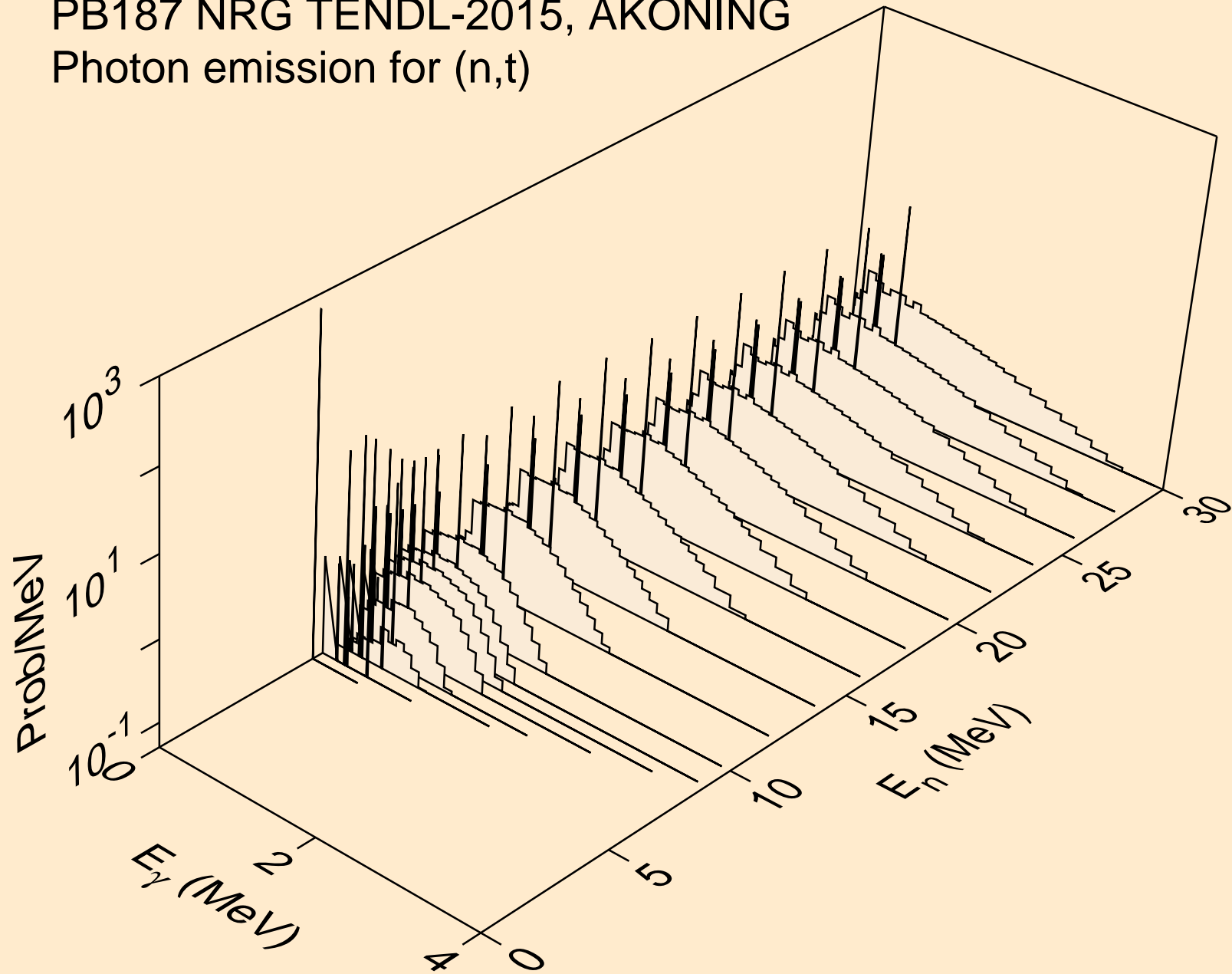
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



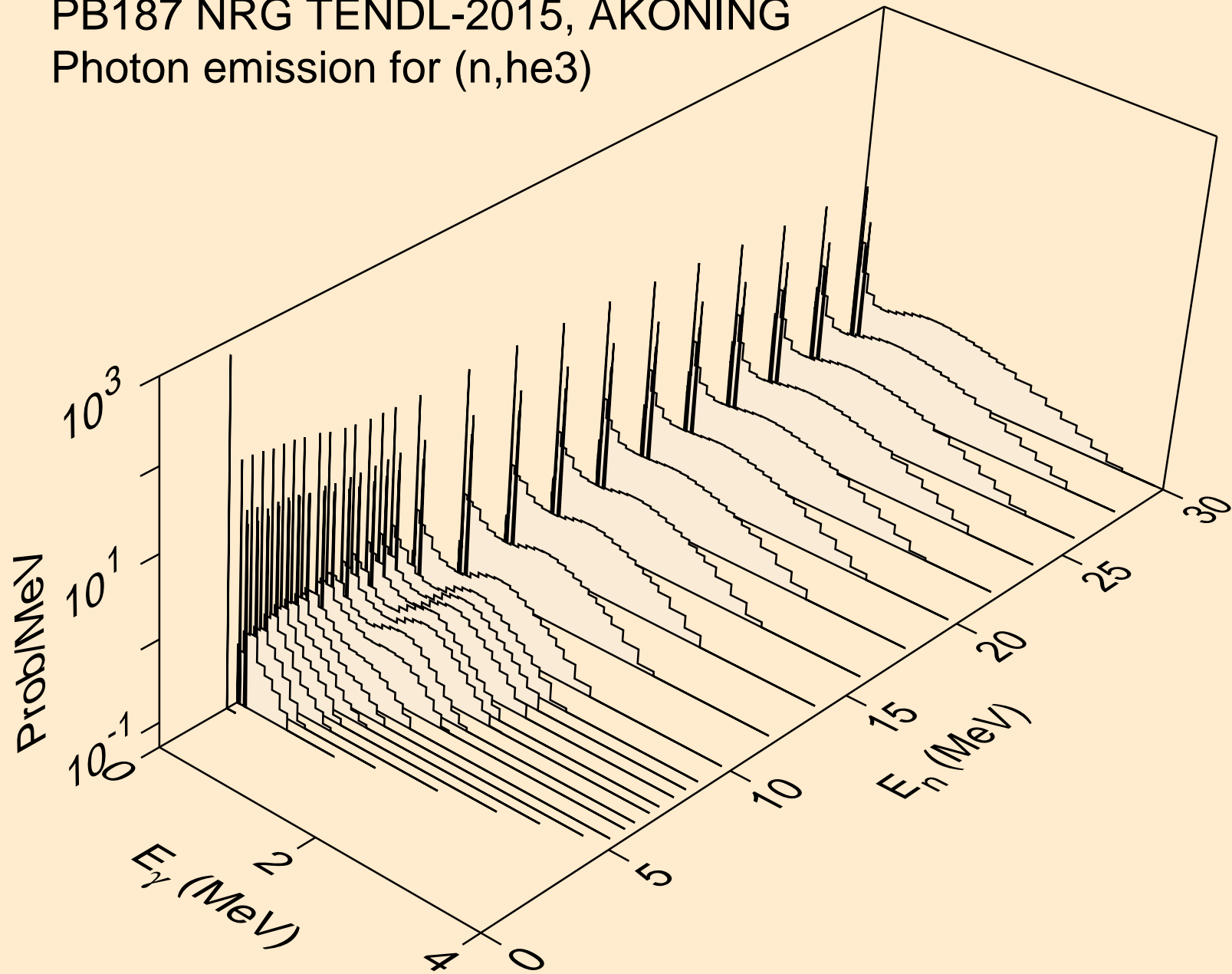
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



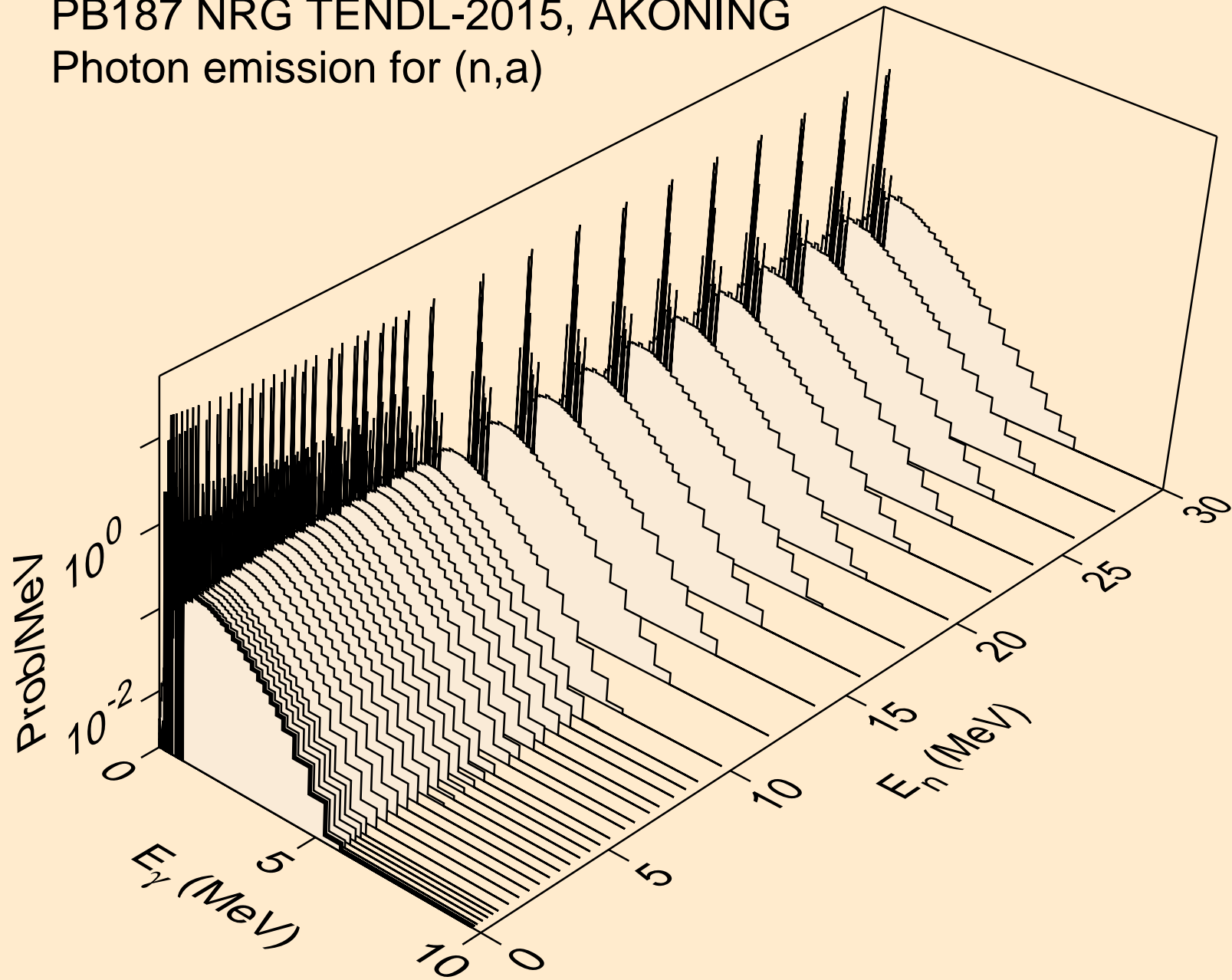
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



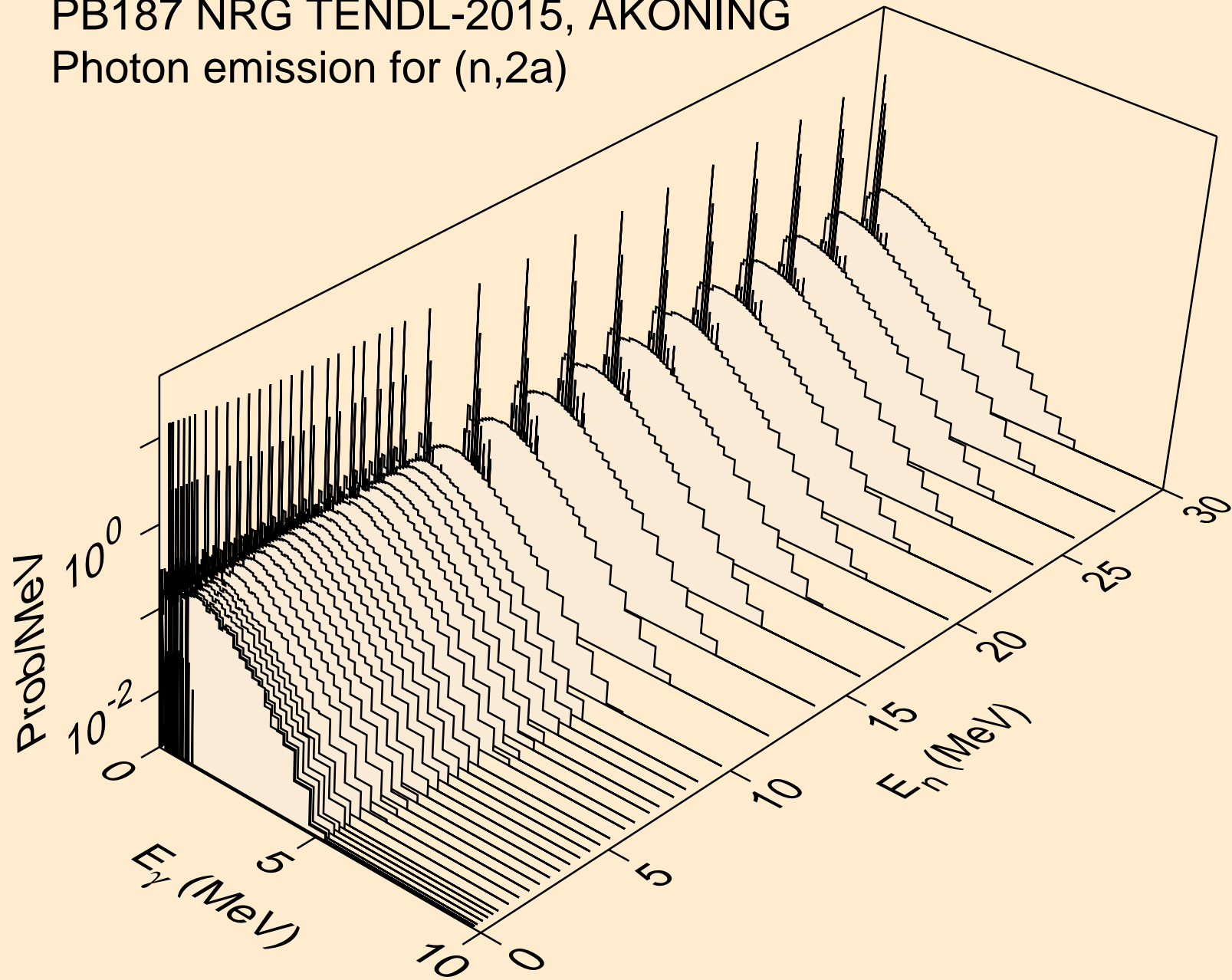
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



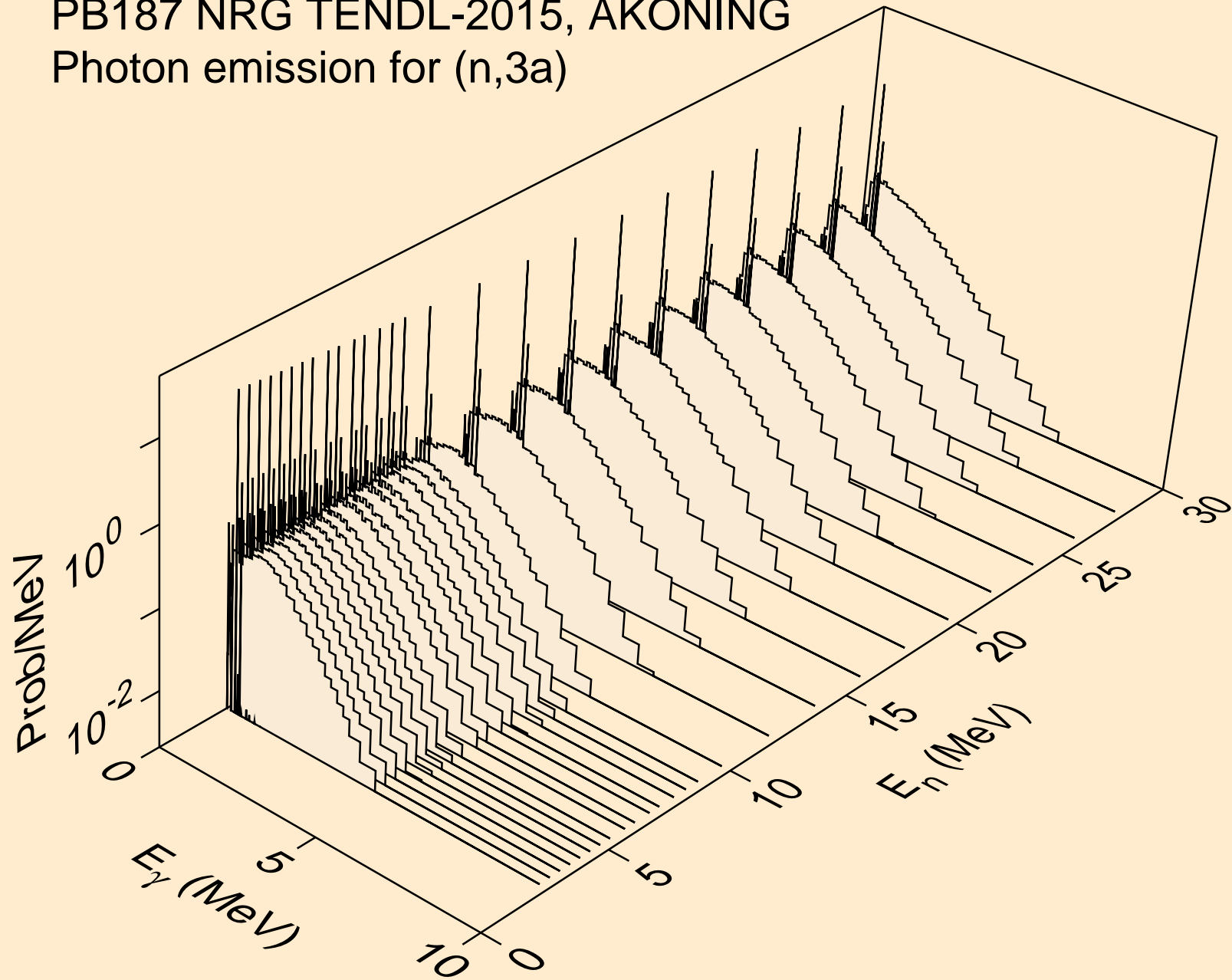
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



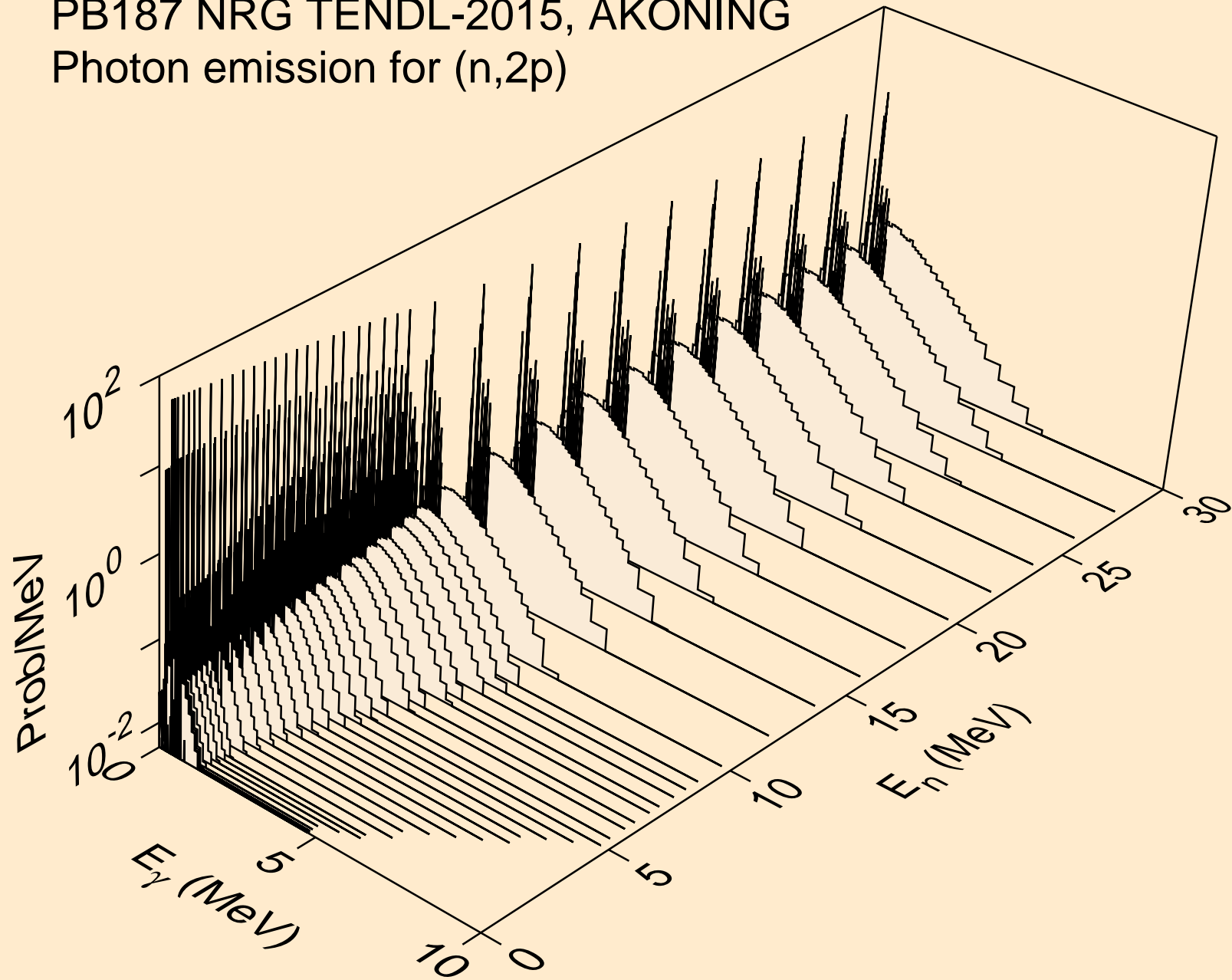
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

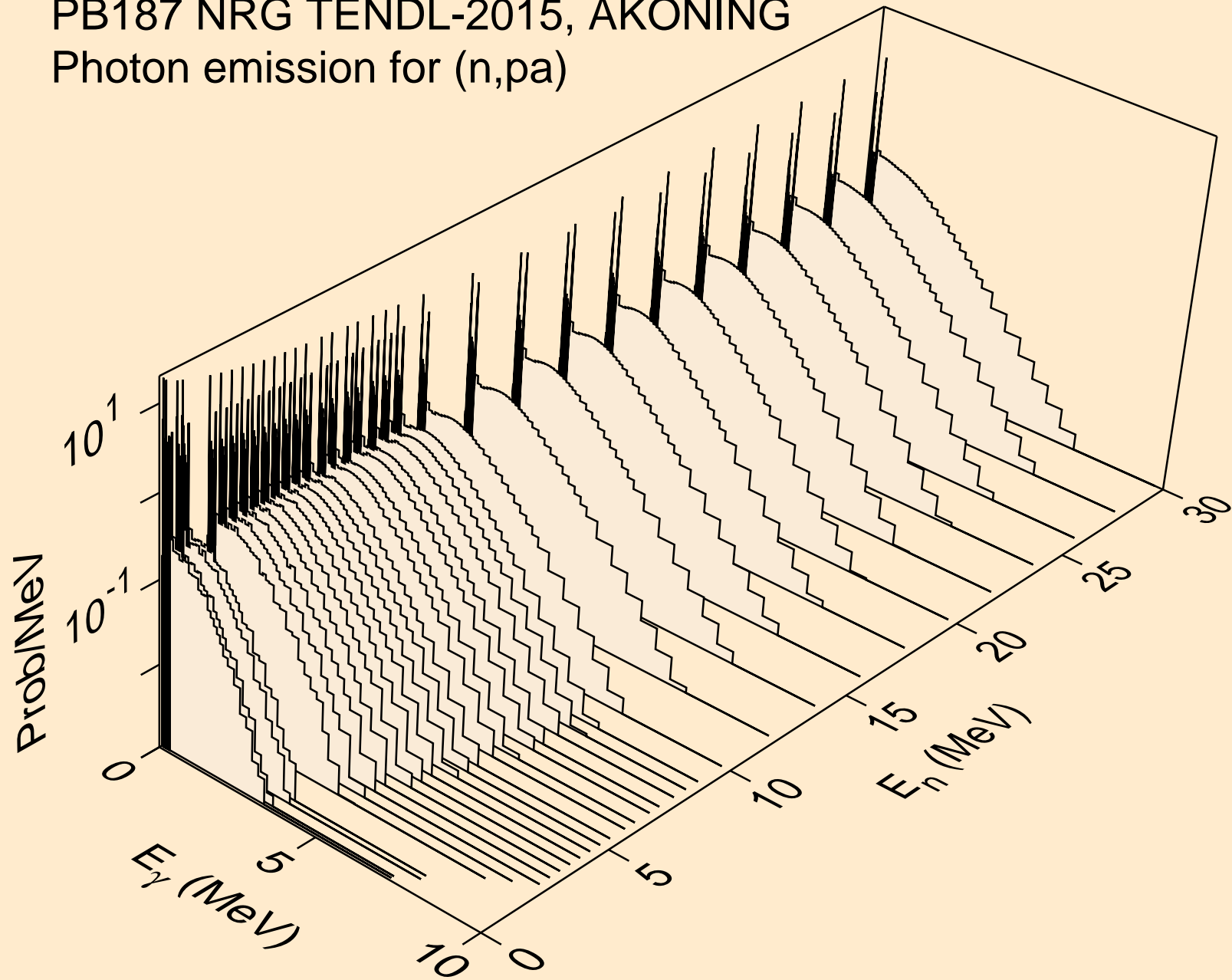


PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

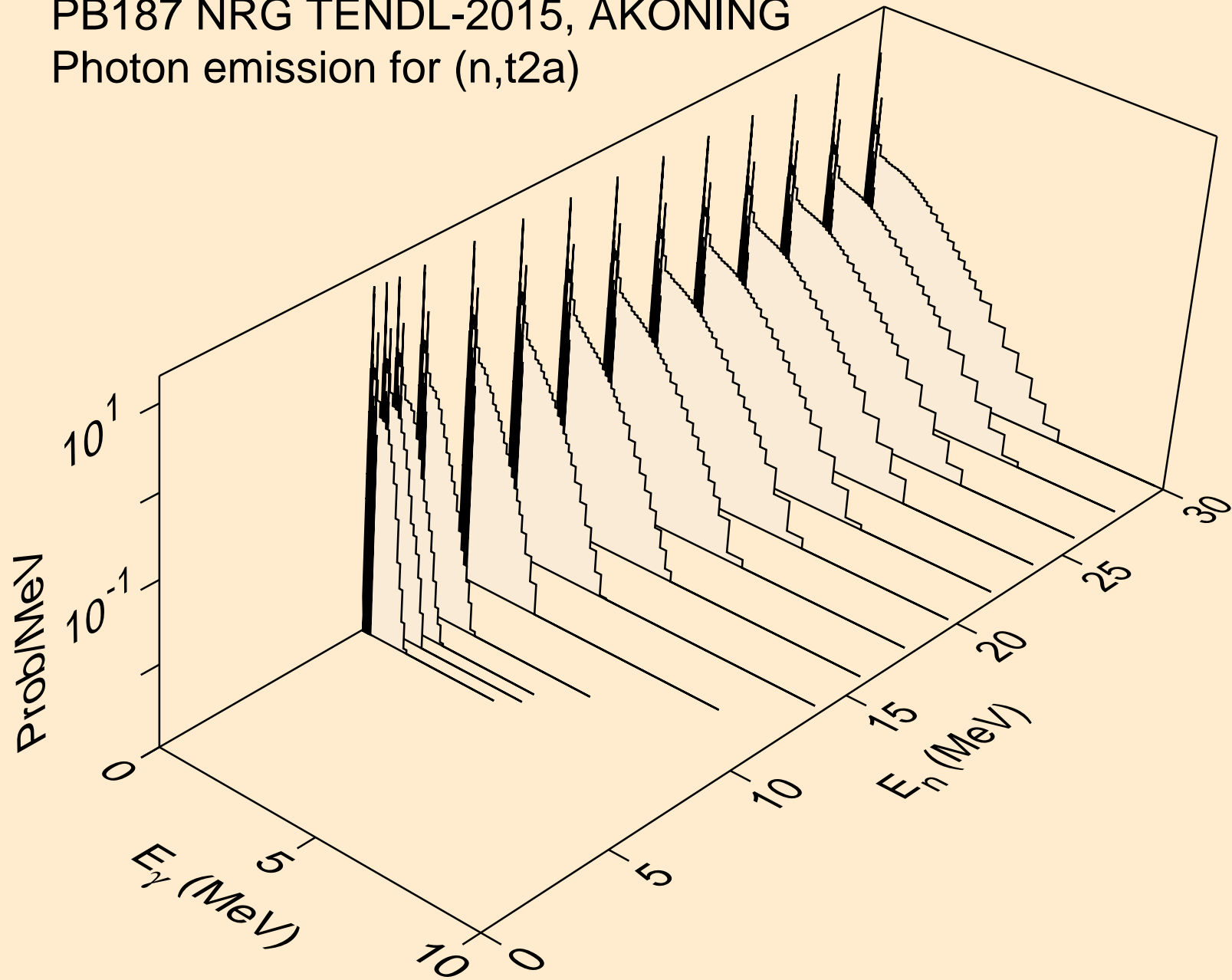




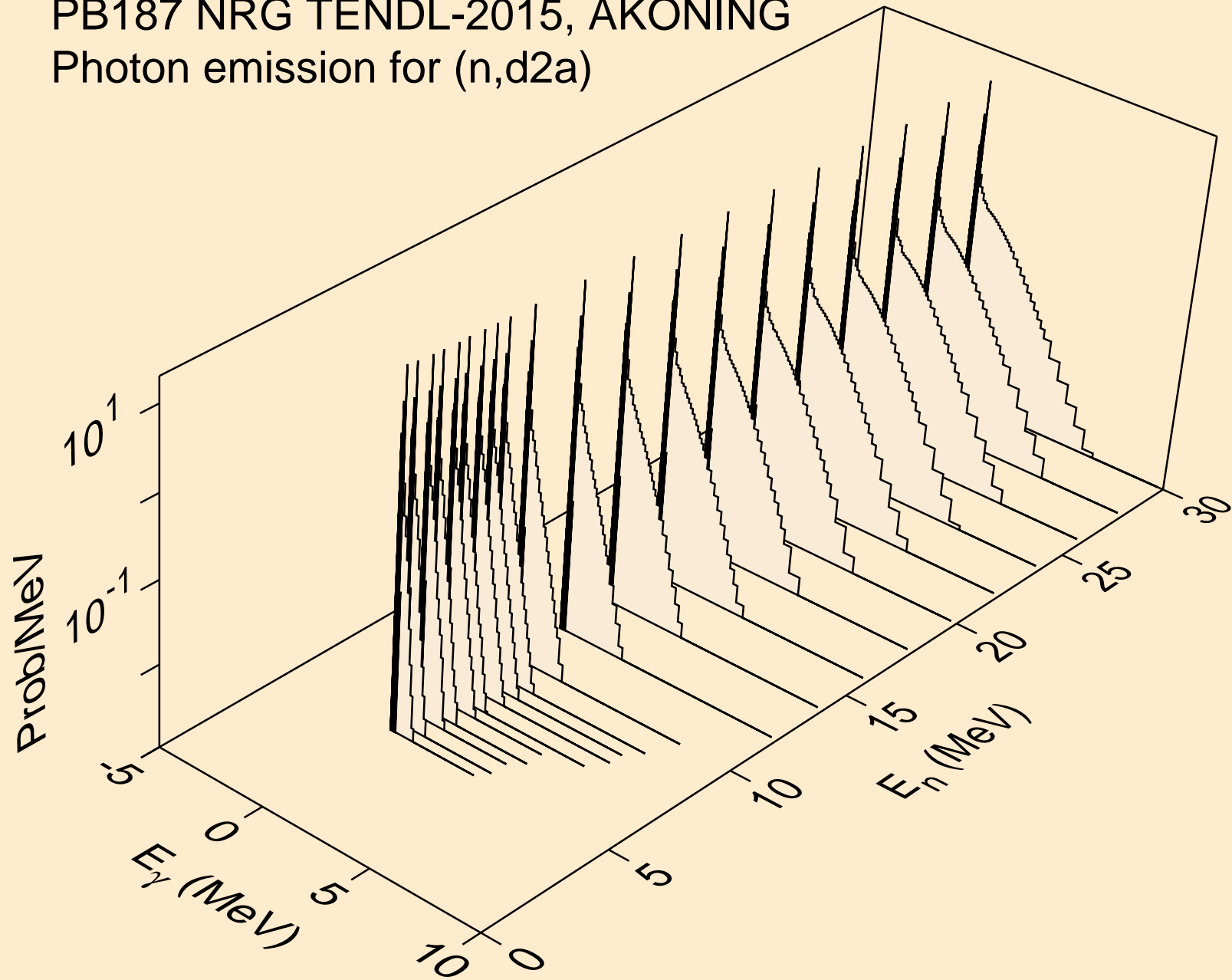
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



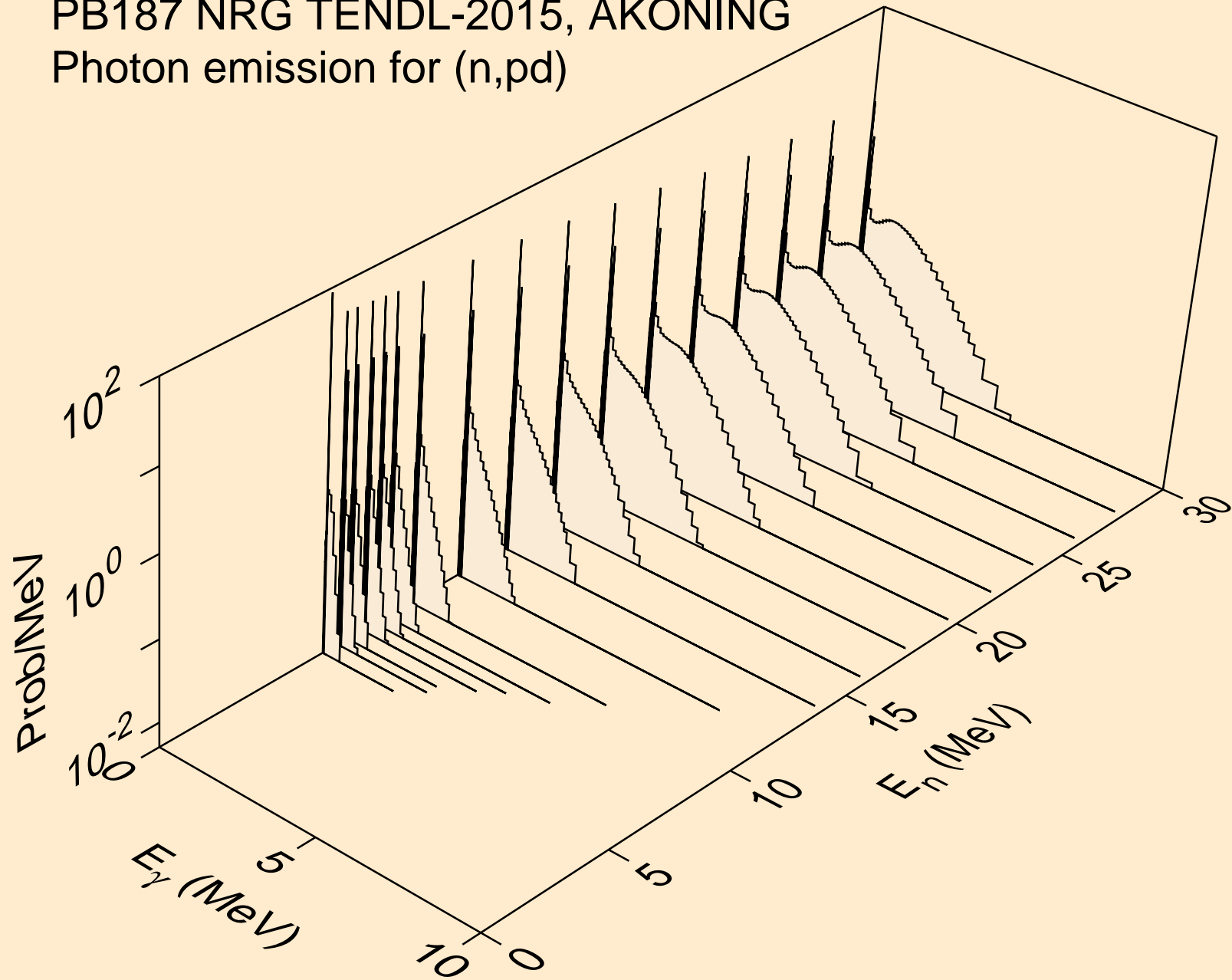
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



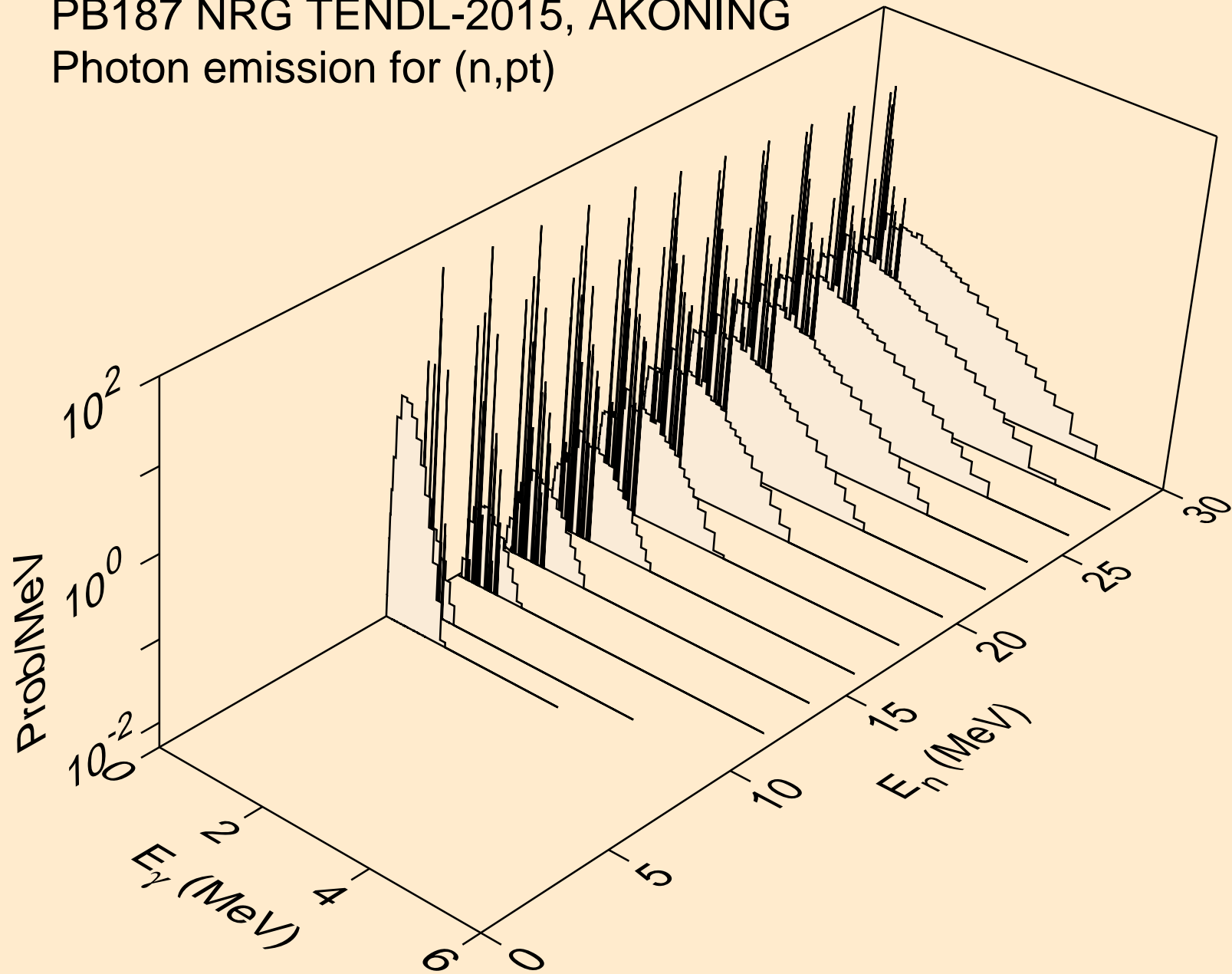
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



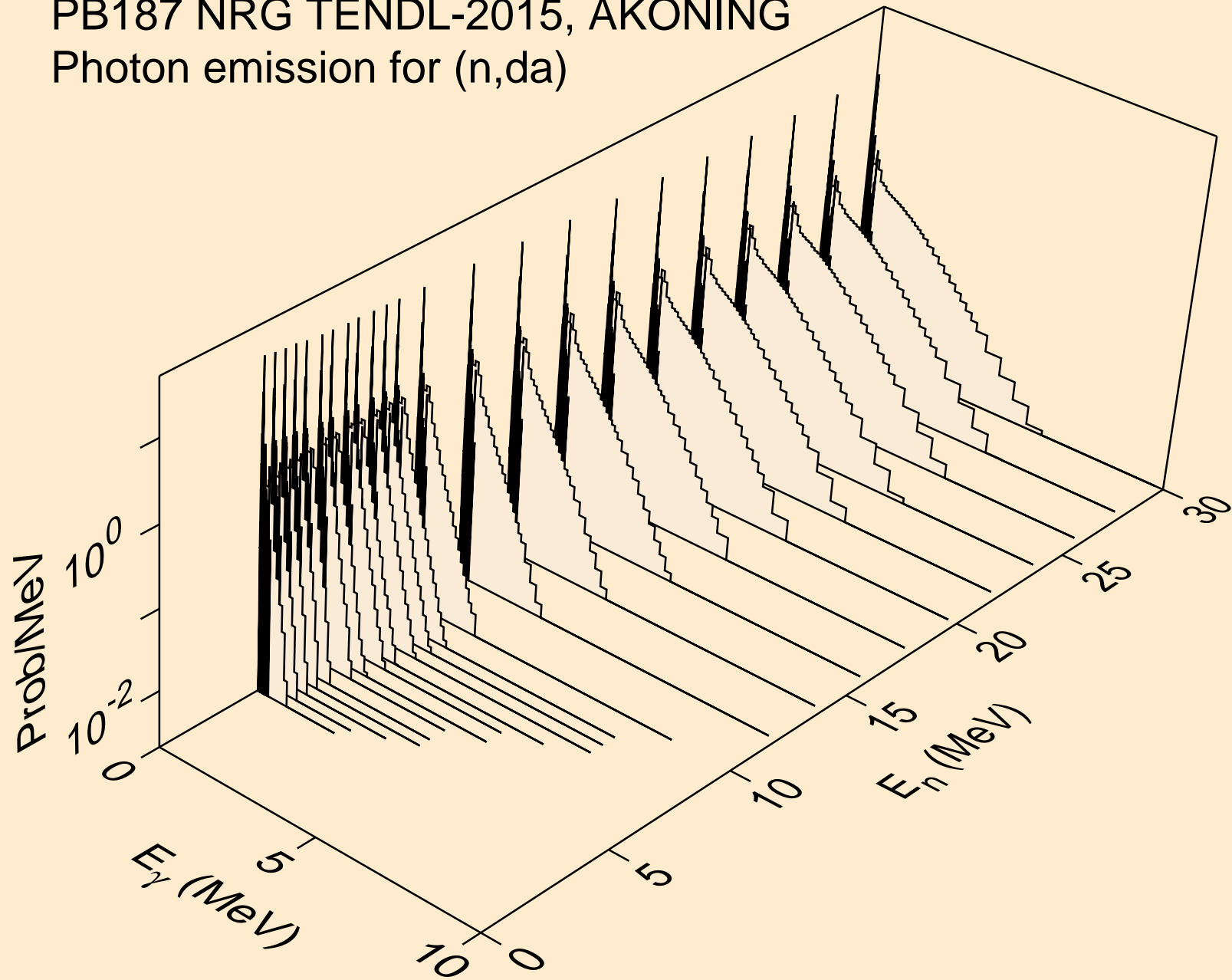
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



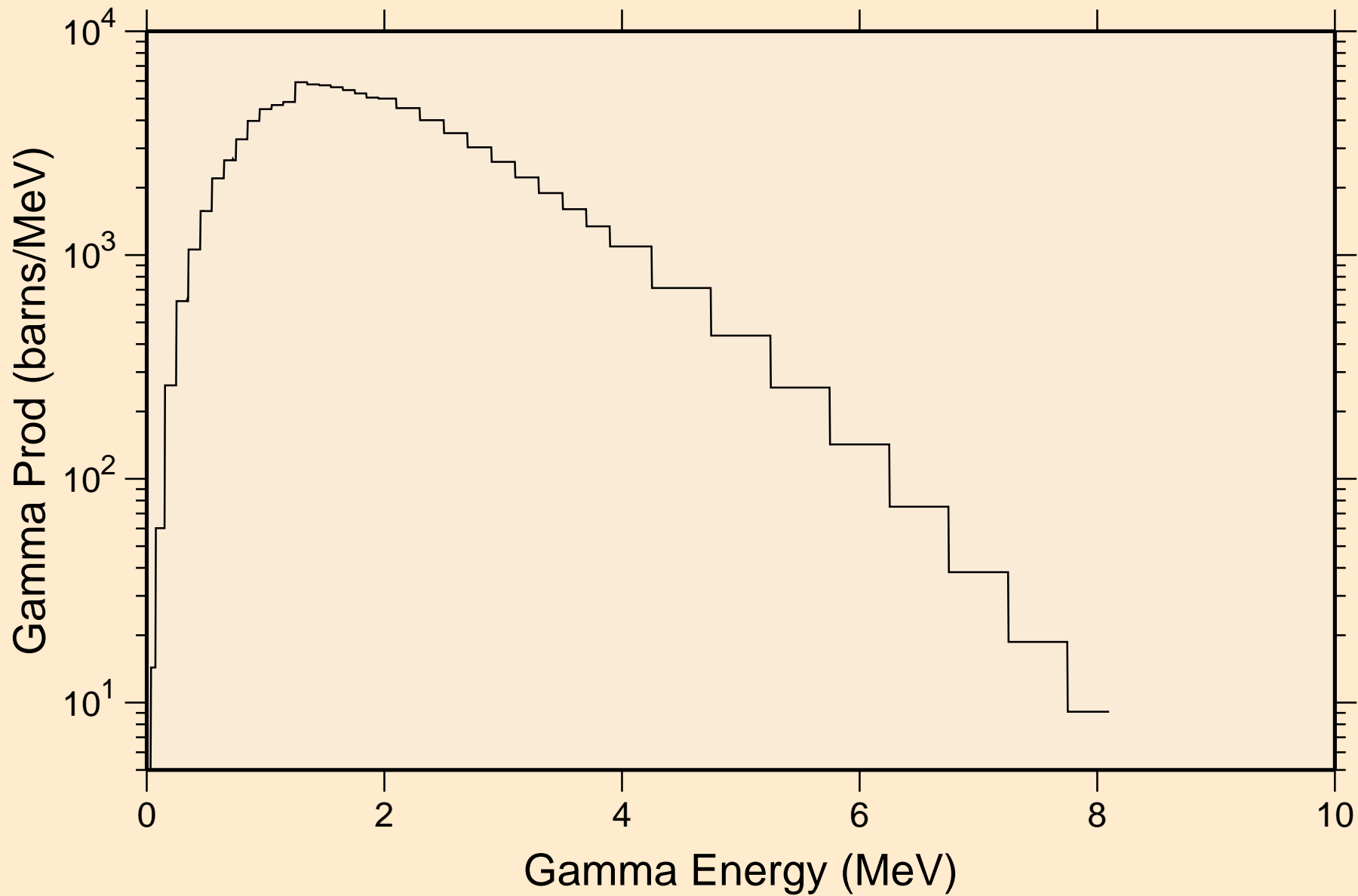
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



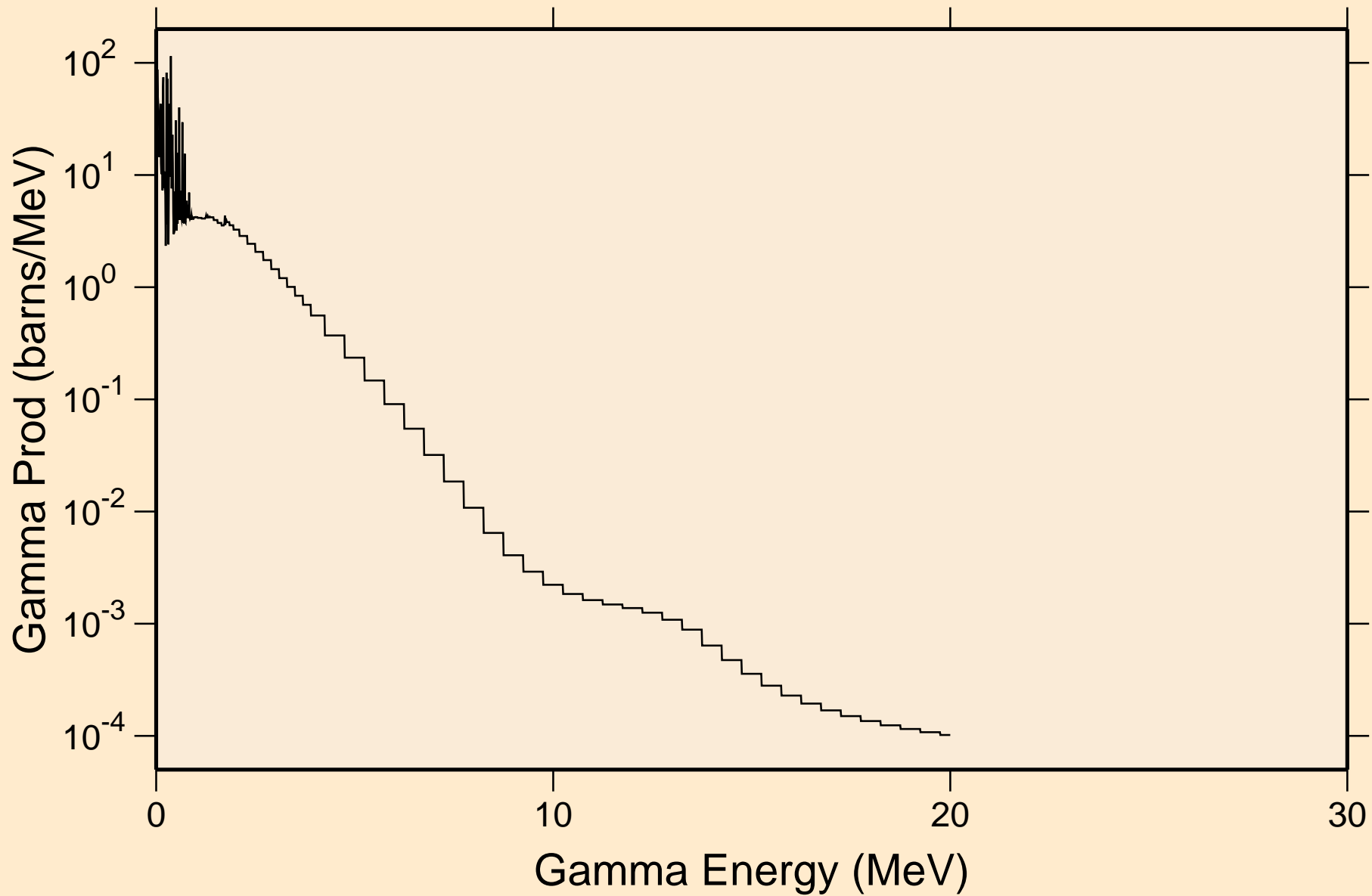
PB187 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PB187 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



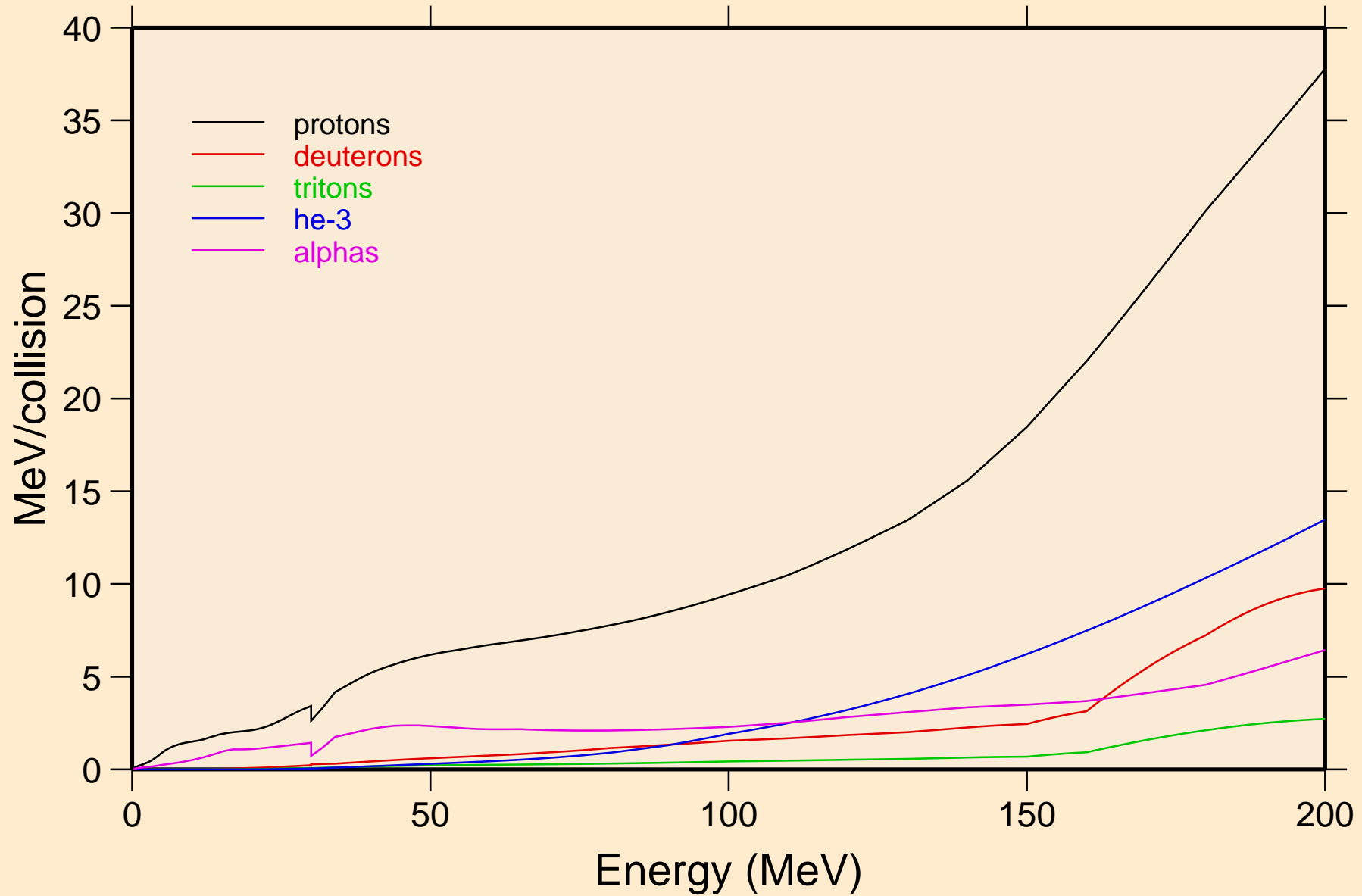
PB187 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





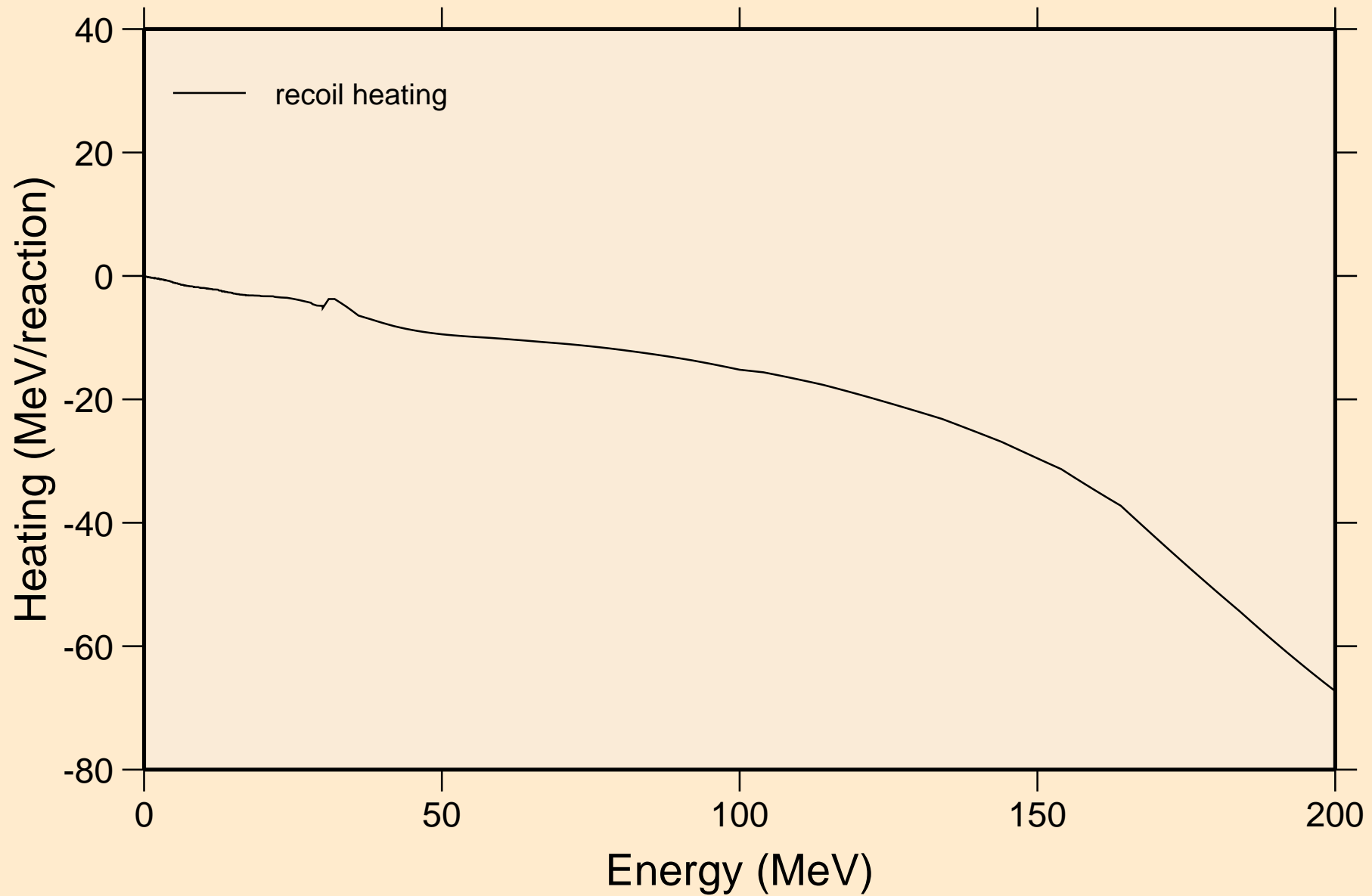
# PB187 NRG TENDL-2015, AKONING

## Particle heating contributions



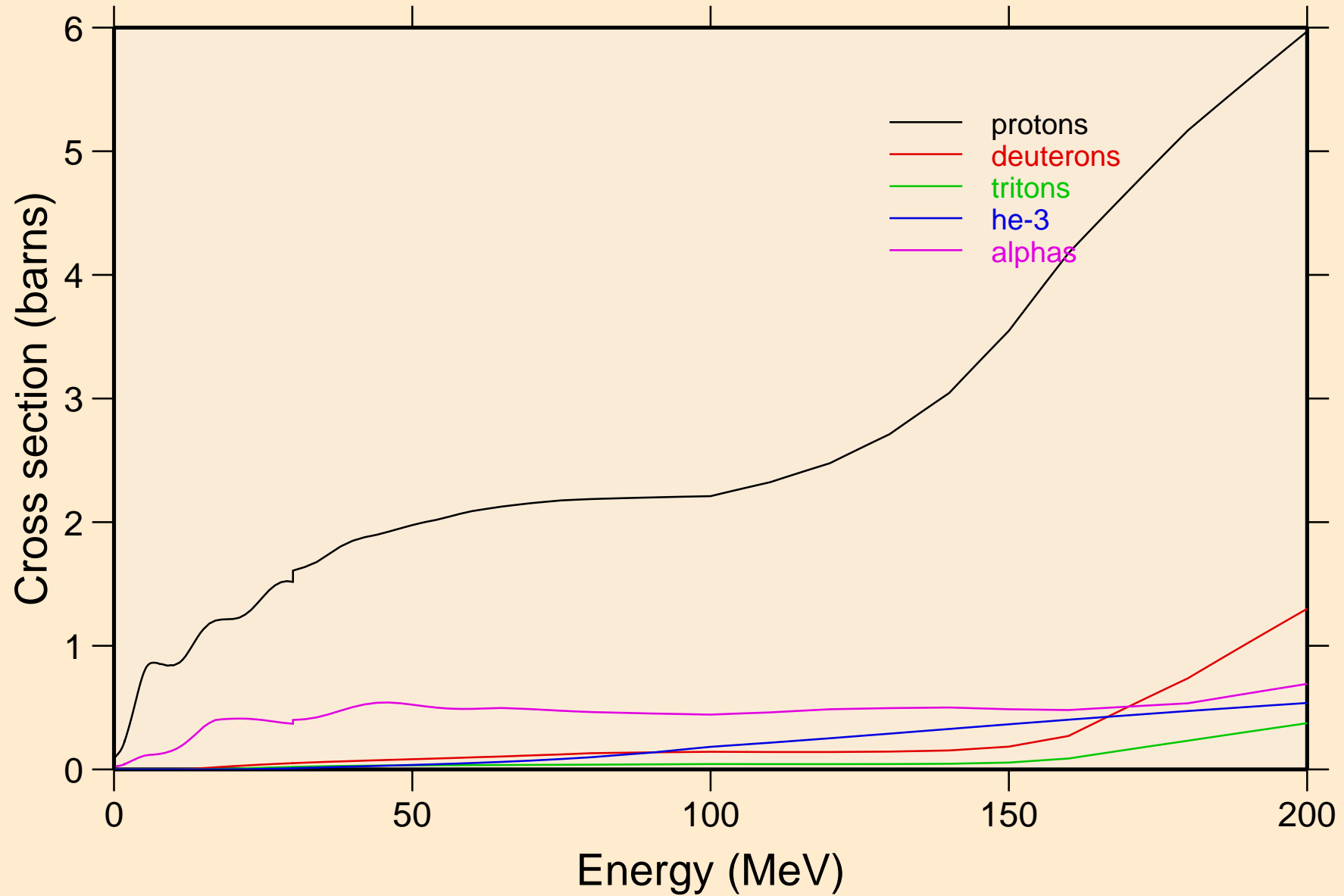
# PB187 NRG TENDL-2015, AKONING

## Recoil Heating

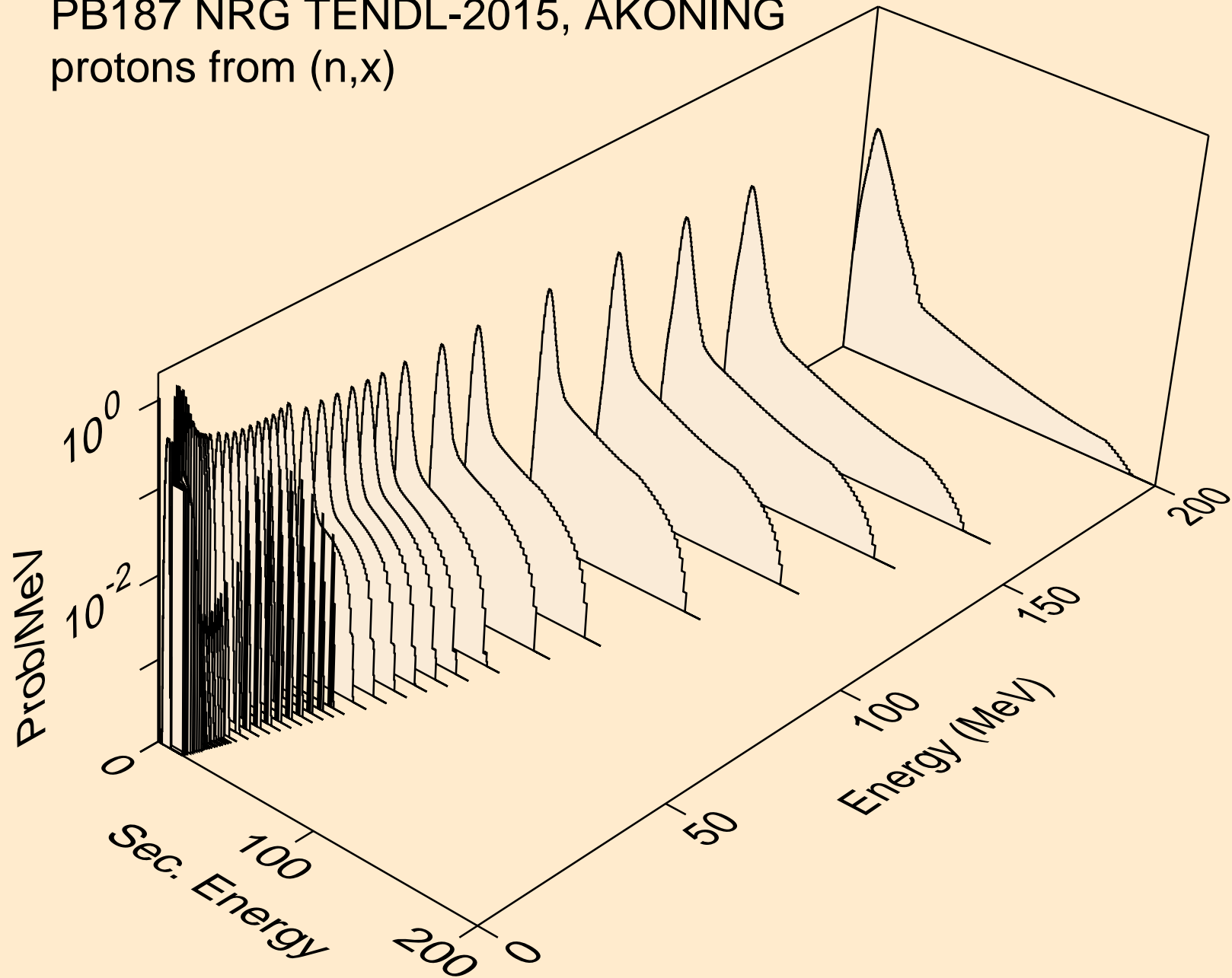


# PB187 NRG TENDL-2015, AKONING

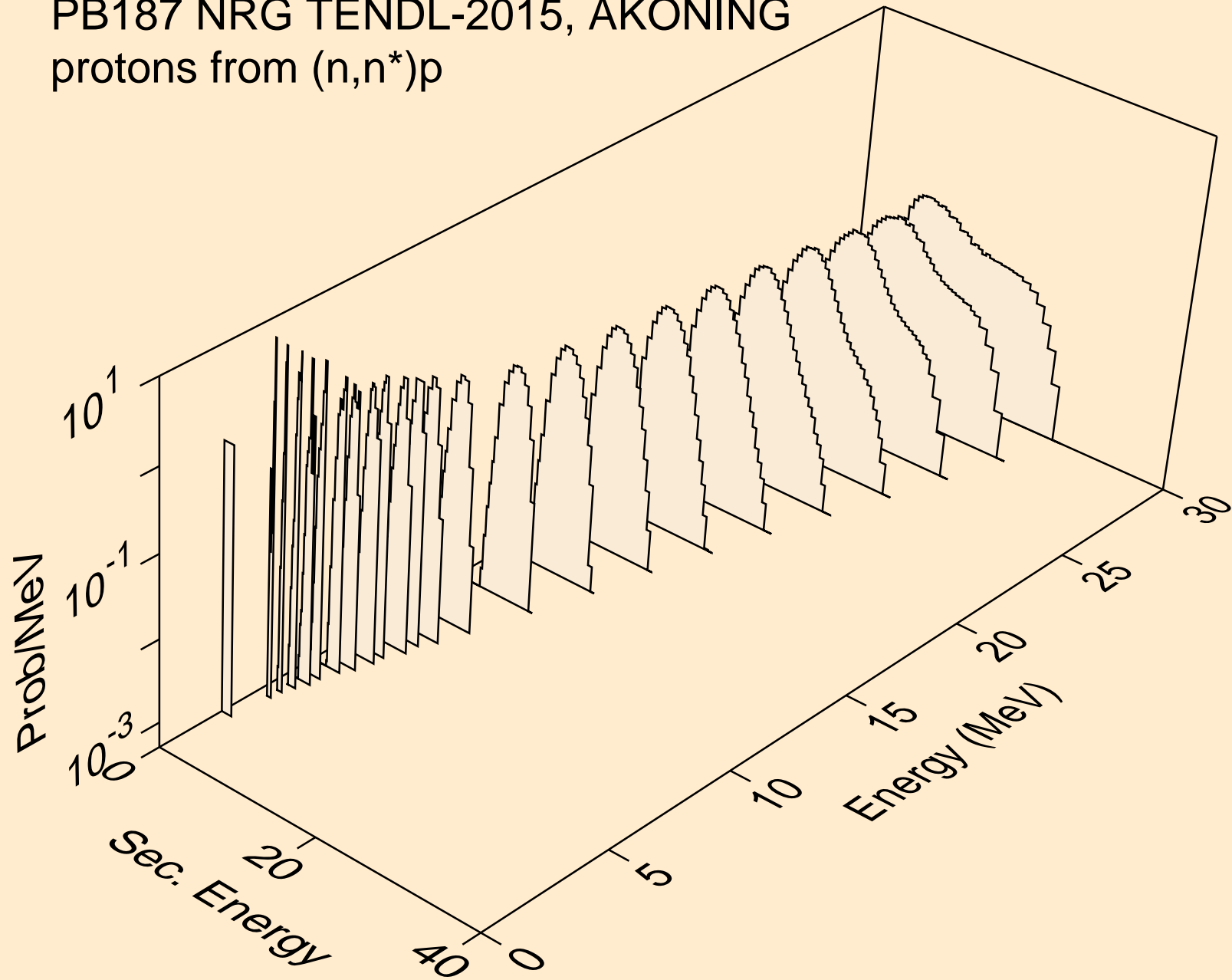
## Particle production cross sections



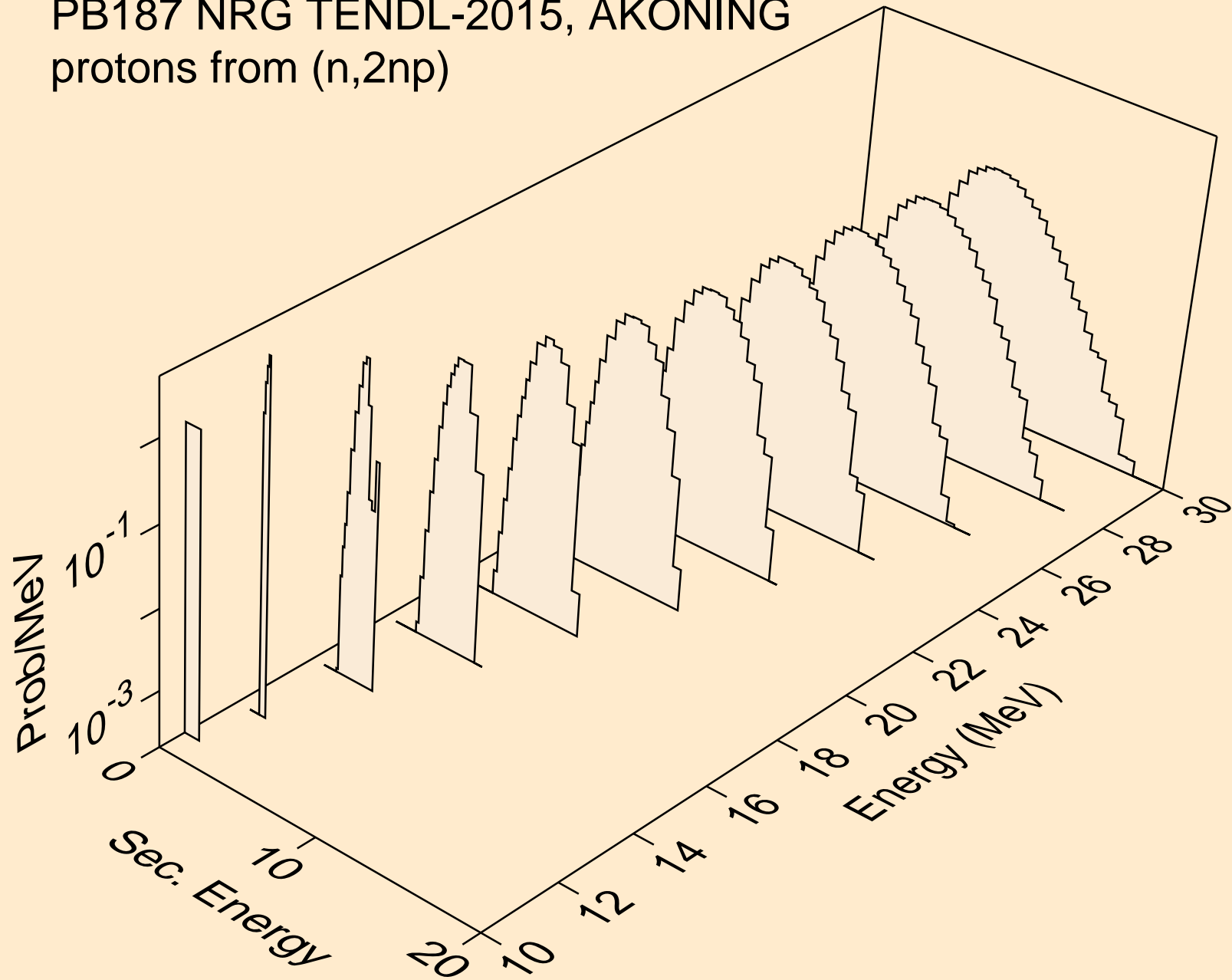
PB187 NRG TENDL-2015, AKONING  
protons from (n,x)



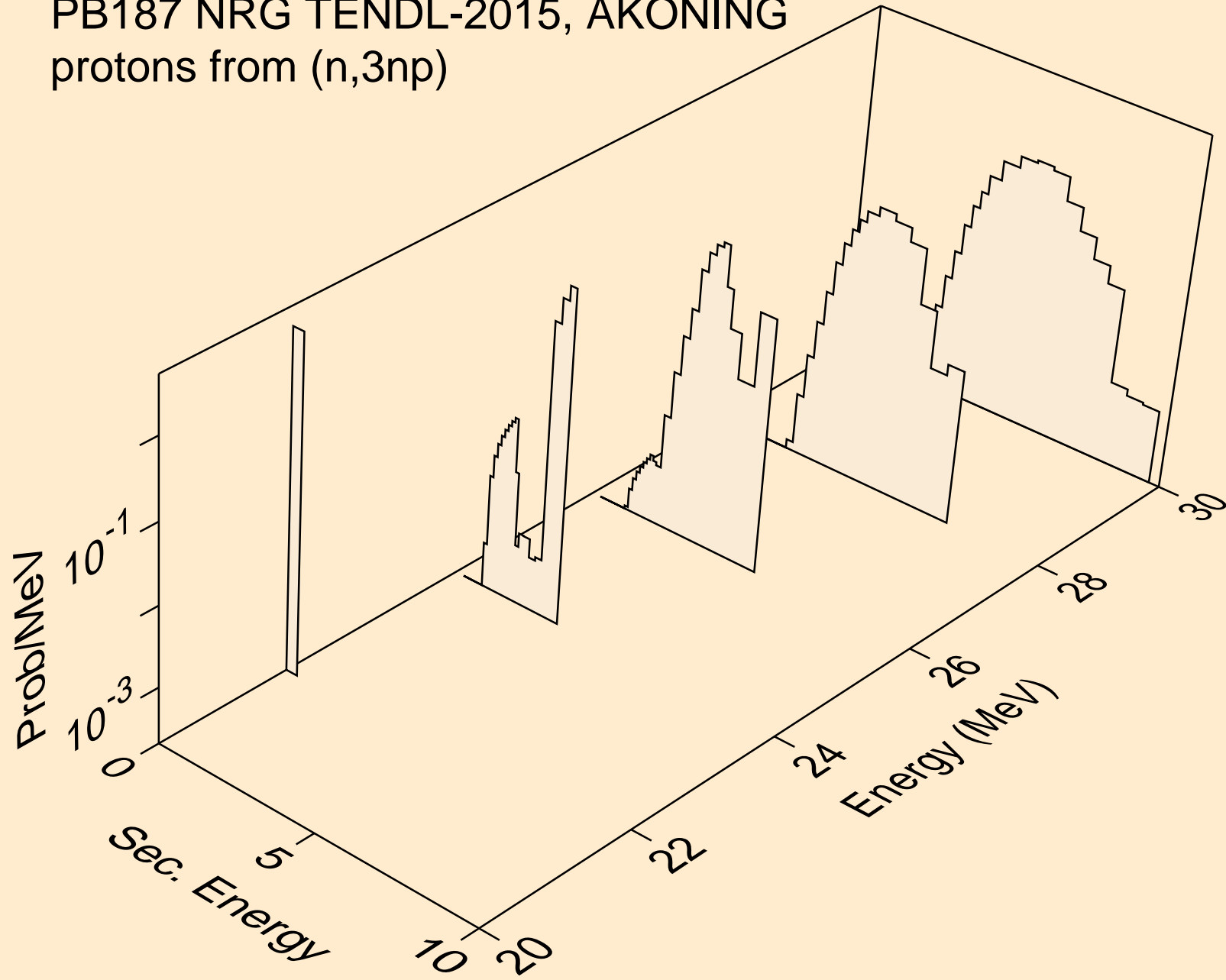
PB187 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



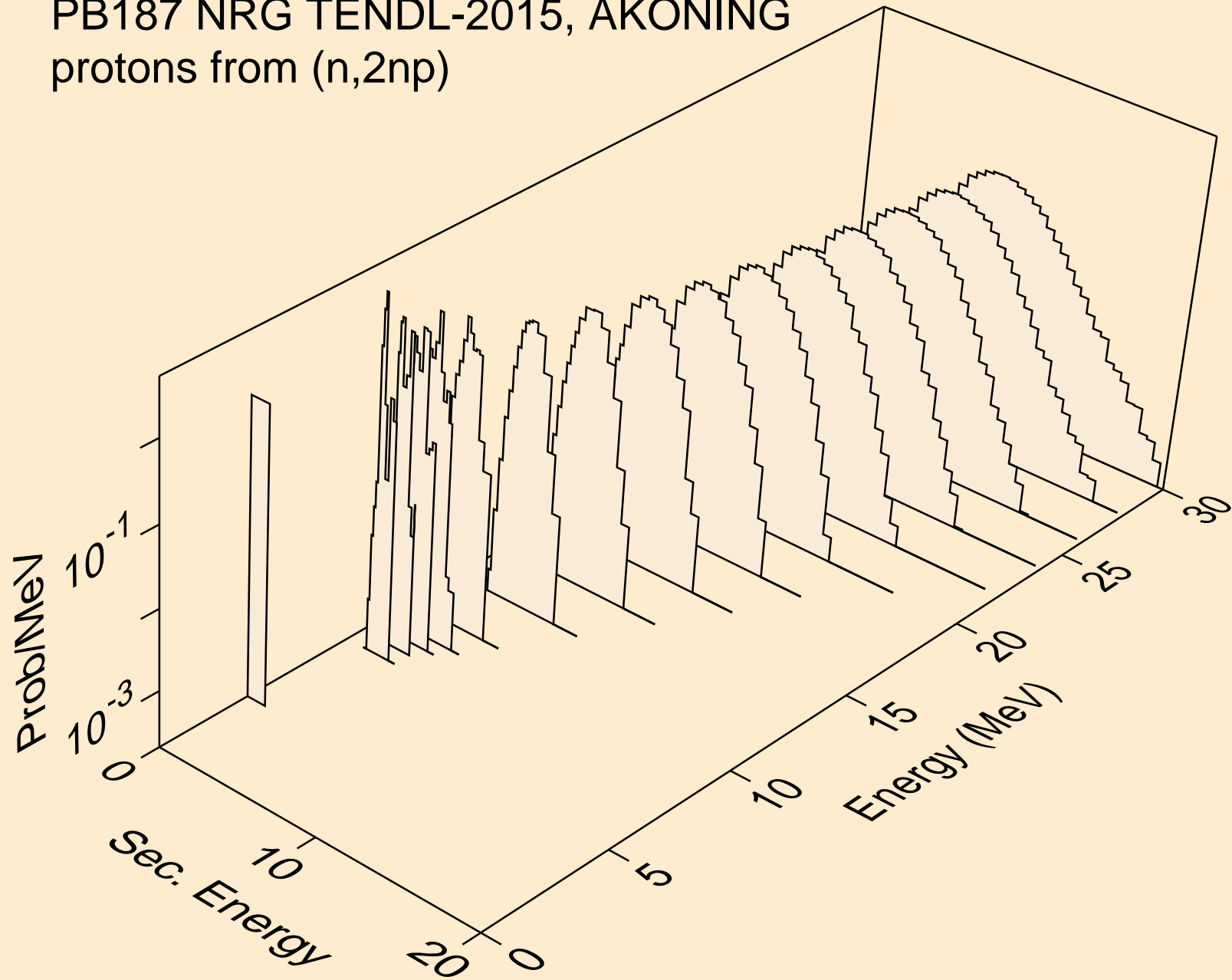
PB187 NRG TENDL-2015, AKONING  
protons from (n,2np)



PB187 NRG TENDL-2015, AKONING  
protons from (n,3np)

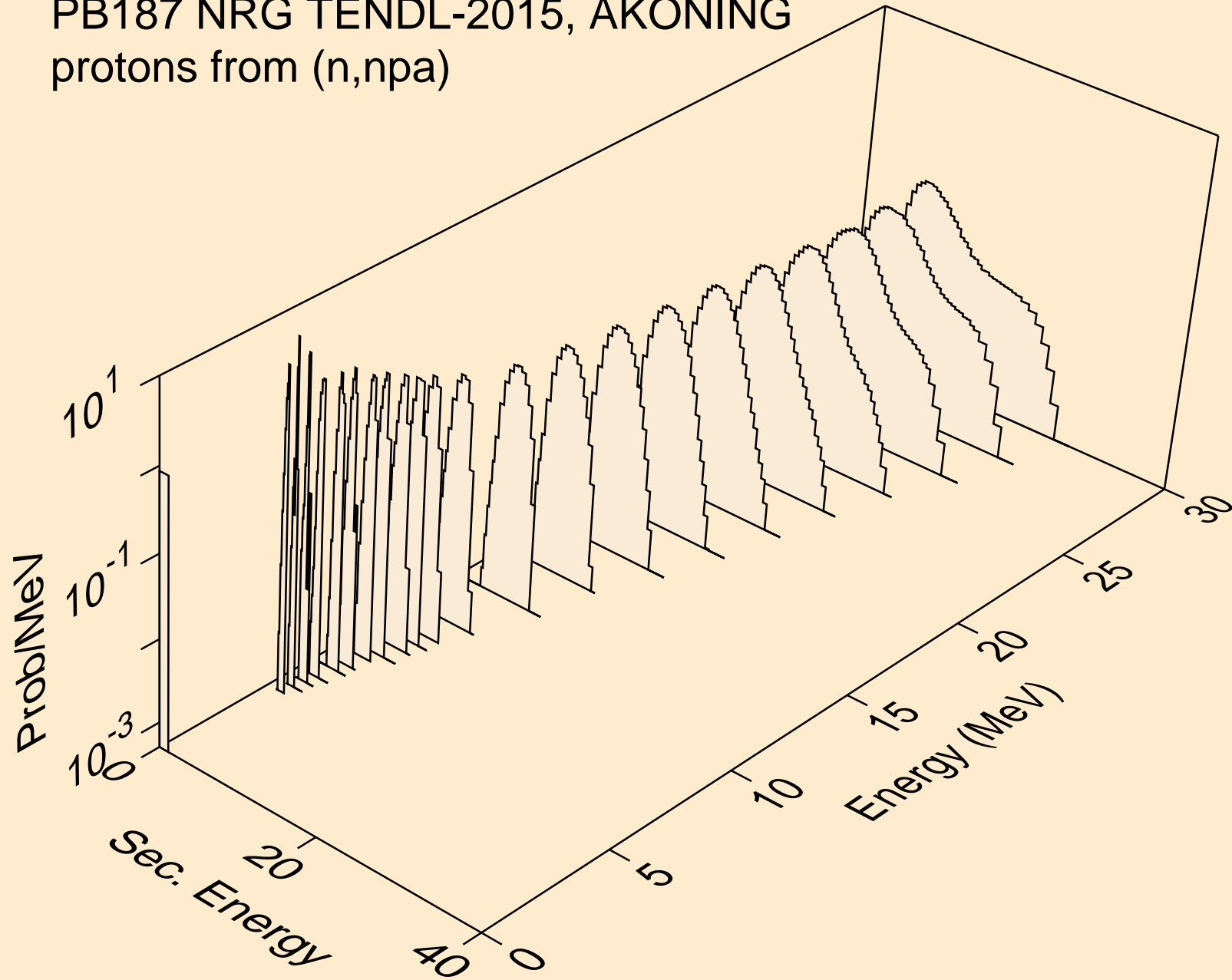


PB187 NRG TENDL-2015, AKONING  
protons from (n,2np)

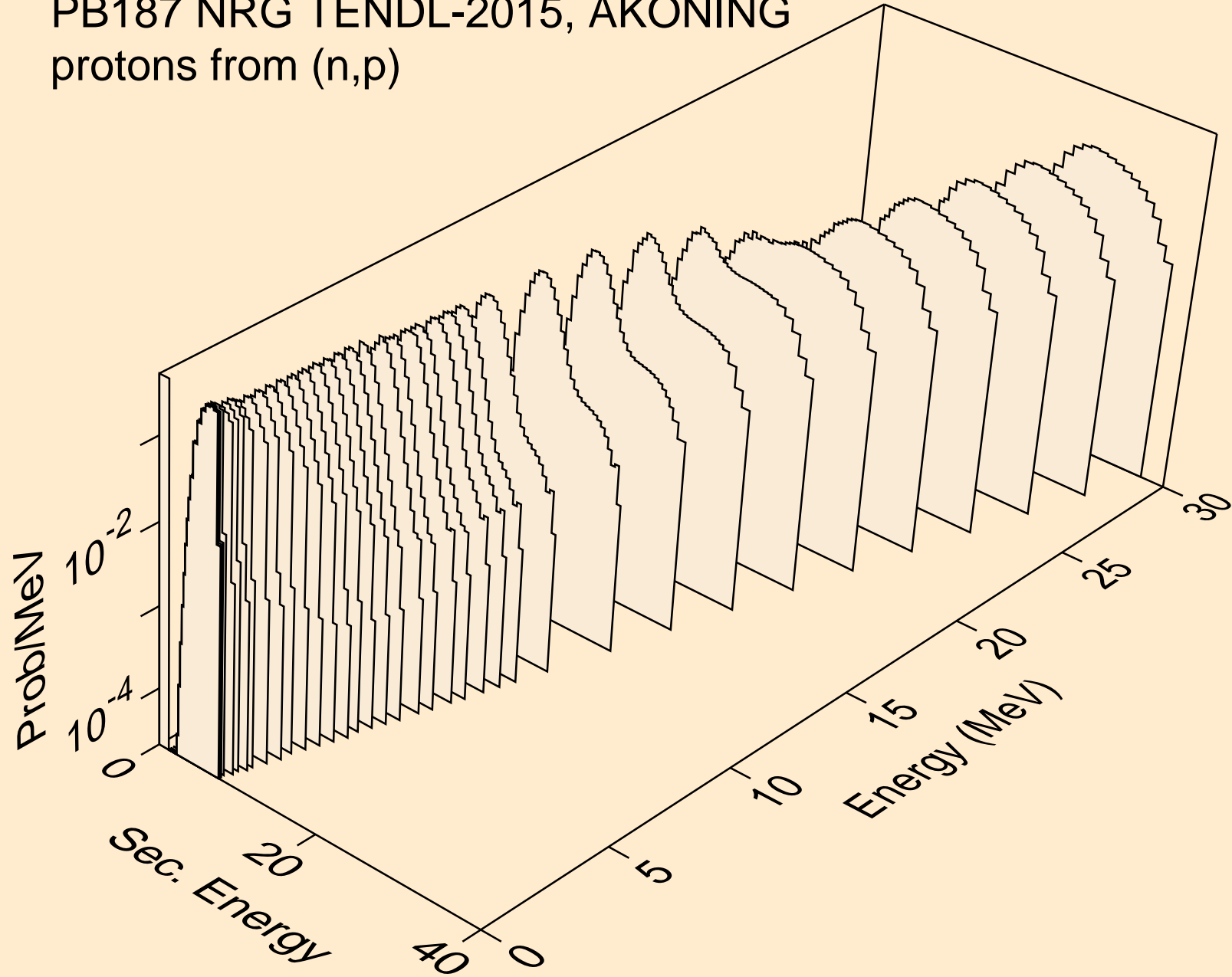




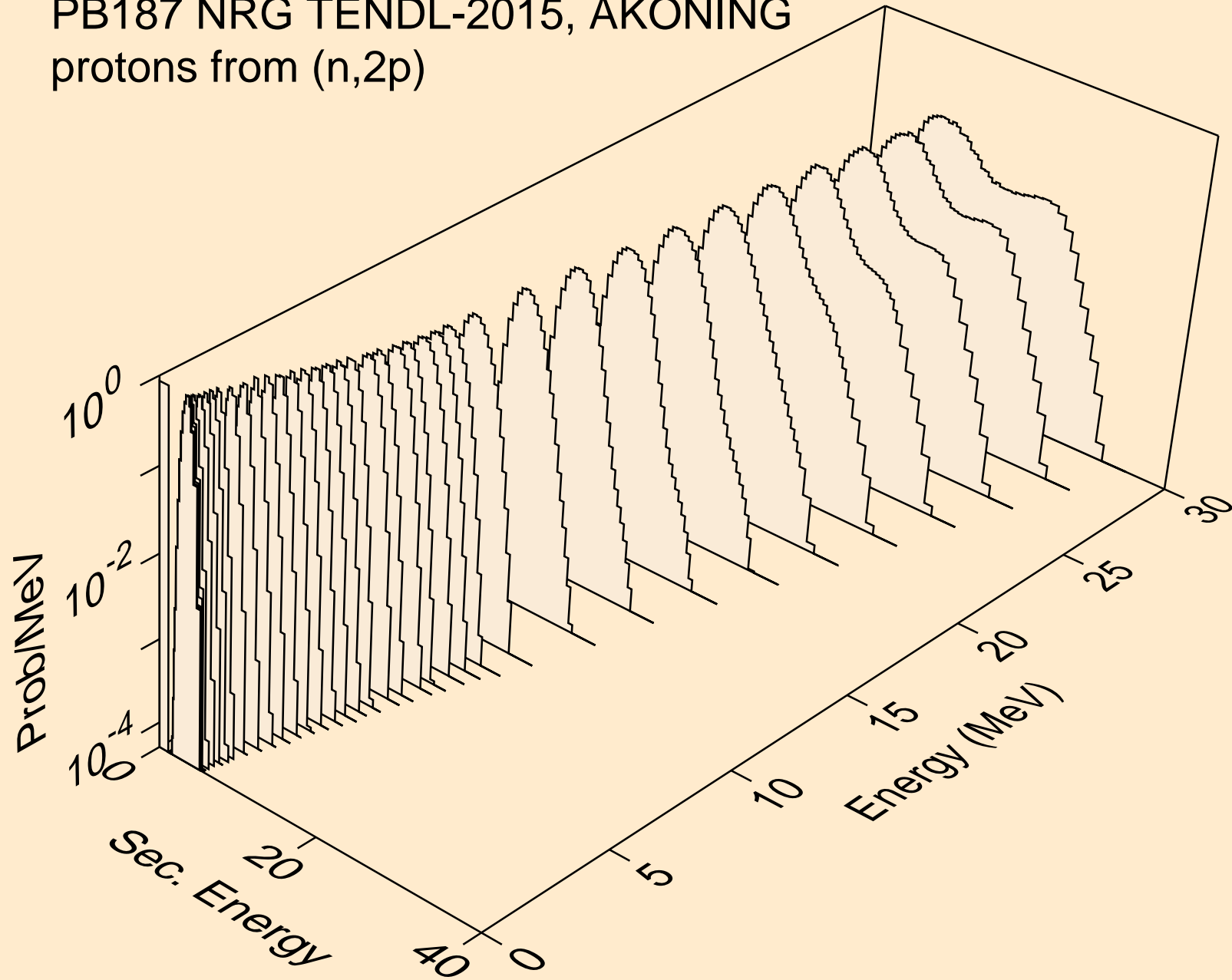
PB187 NRG TENDL-2015, AKONING  
protons from (n,npa)



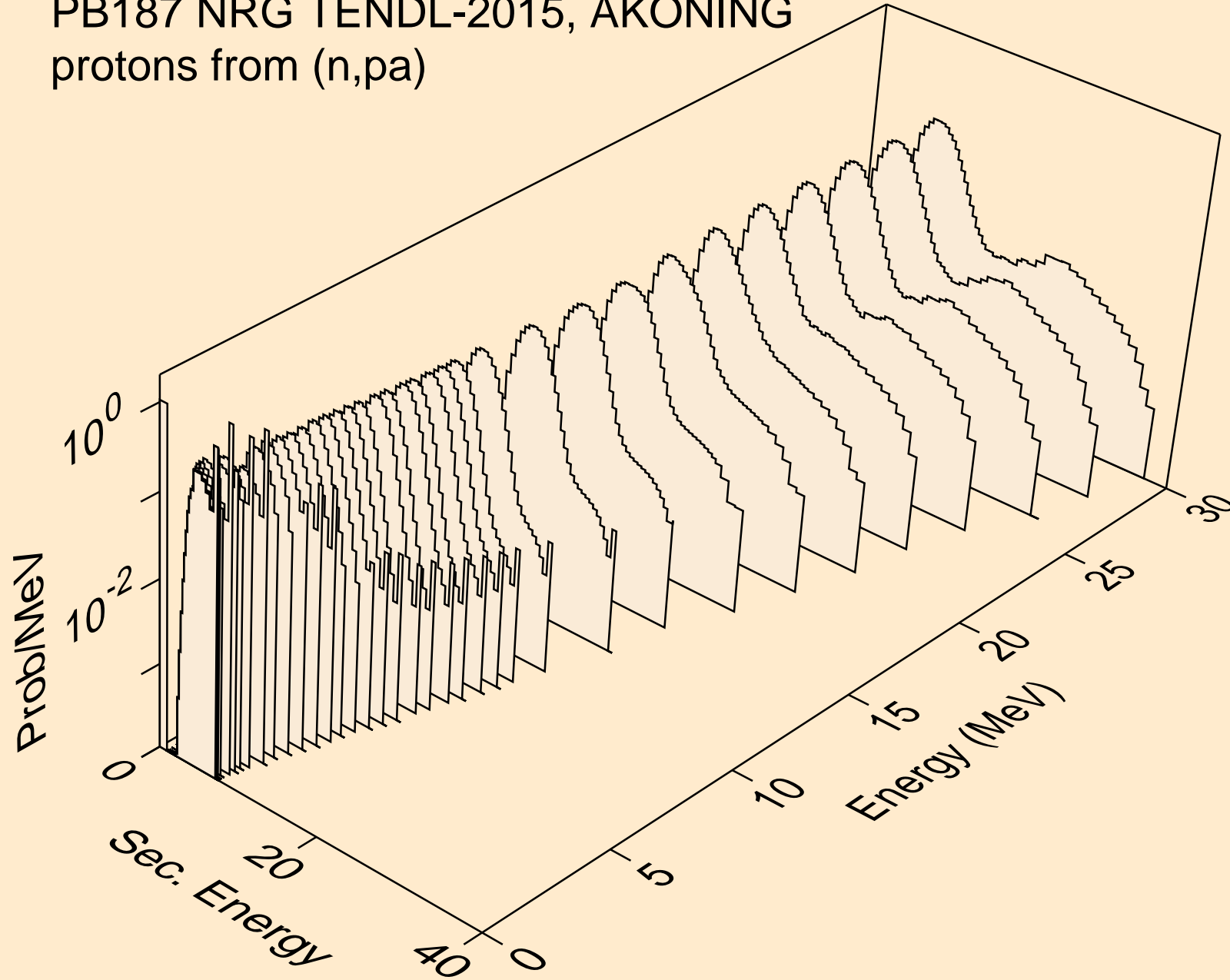
PB187 NRG TENDL-2015, AKONING  
protons from (n,p)



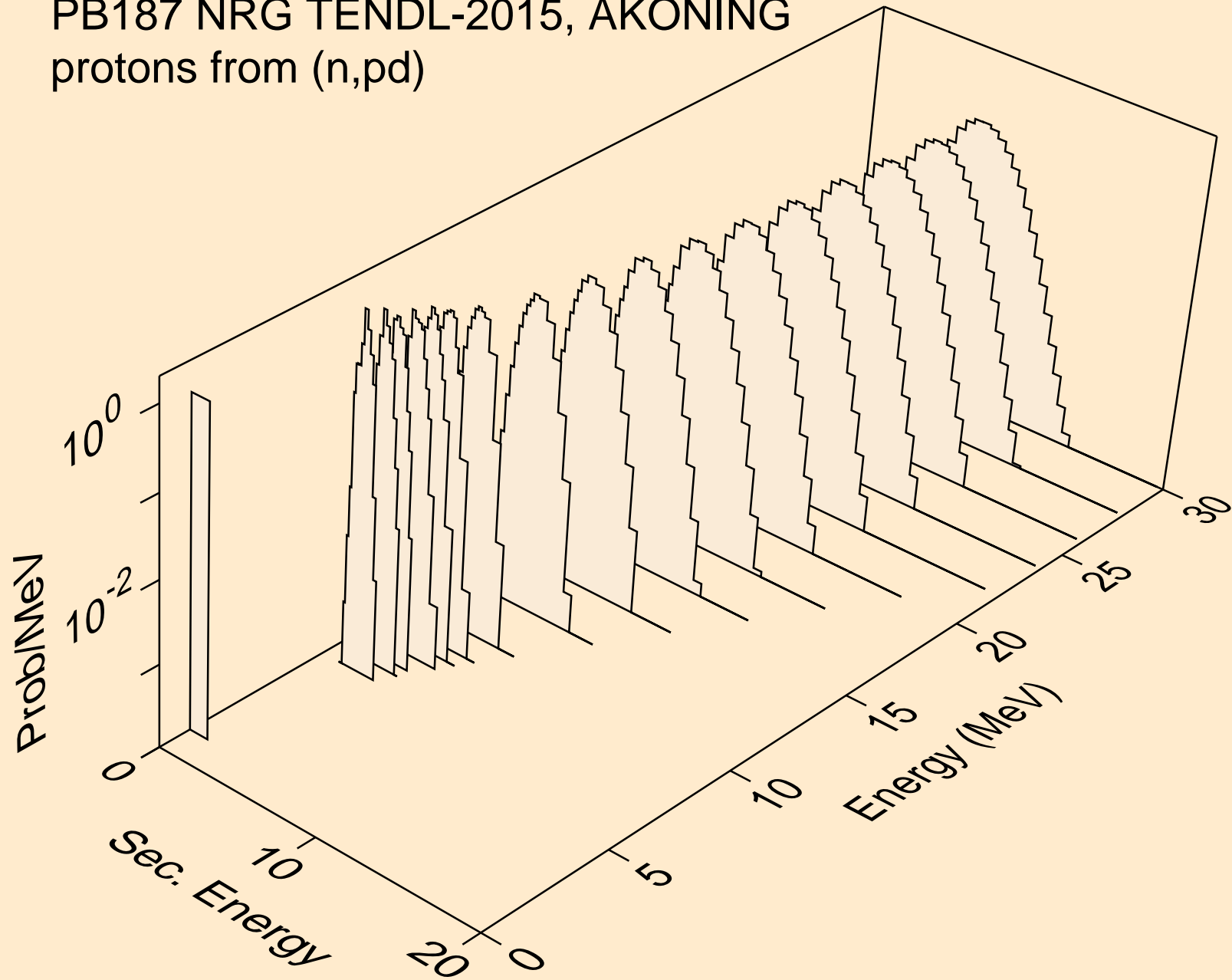
PB187 NRG TENDL-2015, AKONING  
protons from (n,2p)



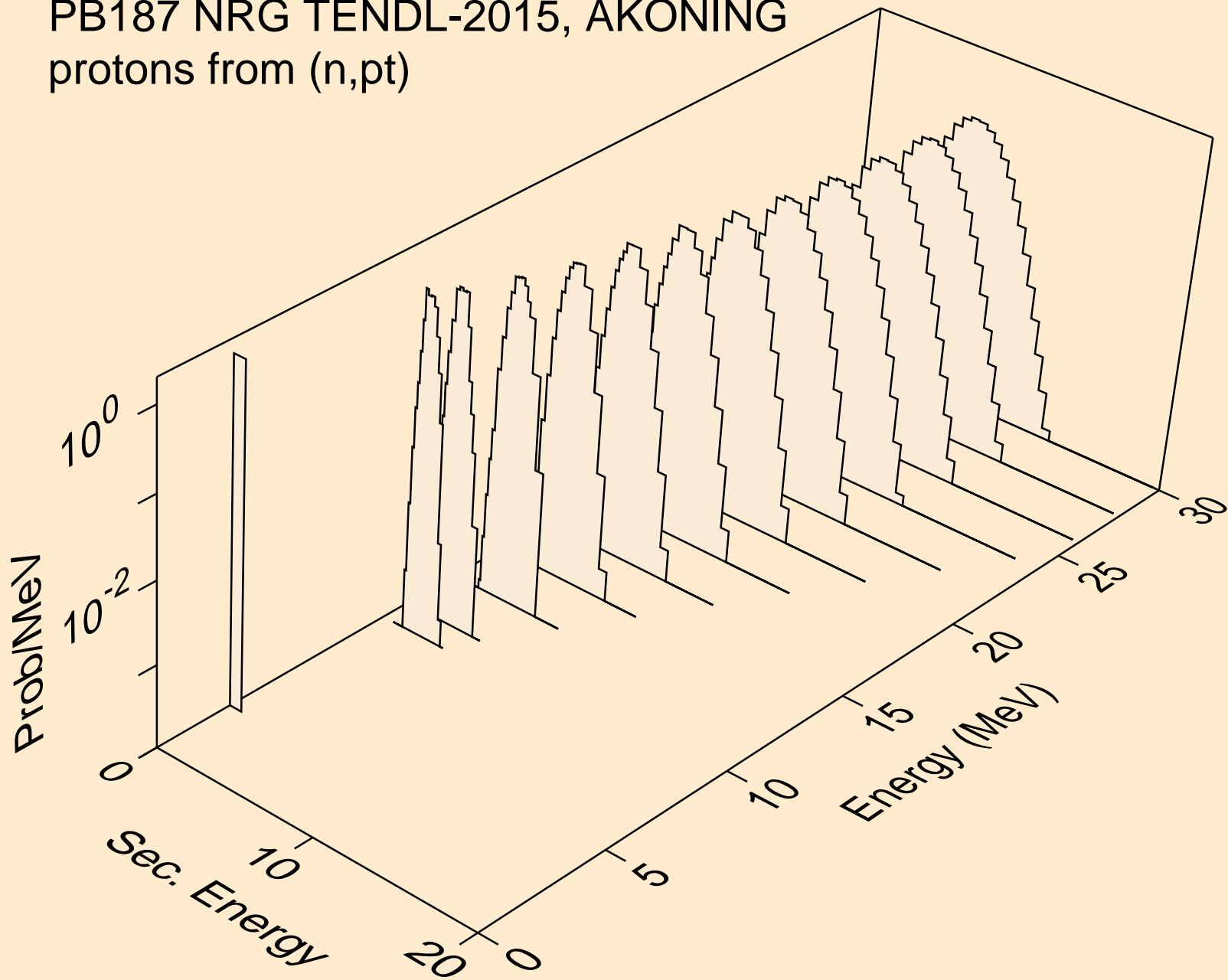
PB187 NRG TENDL-2015, AKONING  
protons from (n,pa)



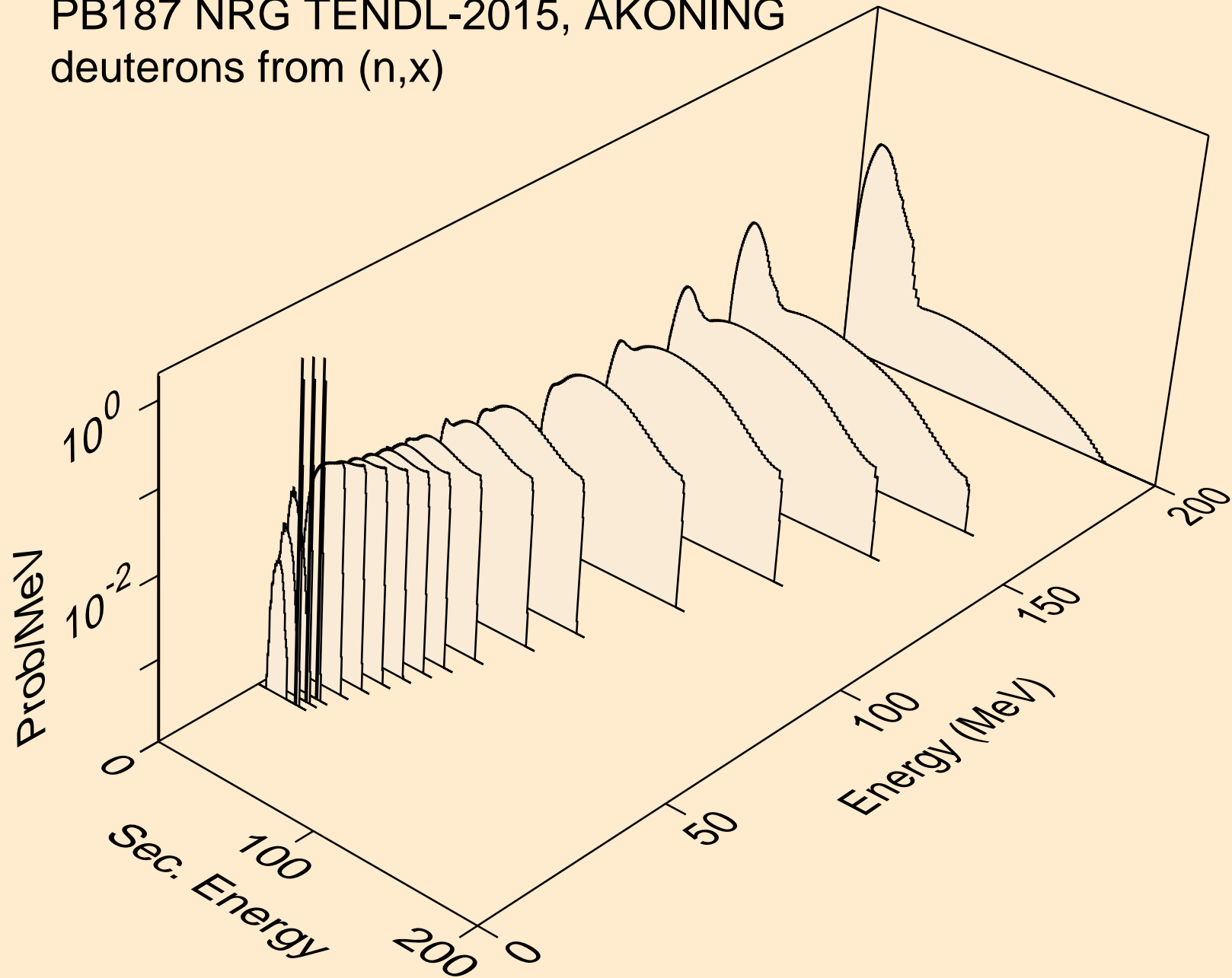
PB187 NRG TENDL-2015, AKONING  
protons from (n,pd)



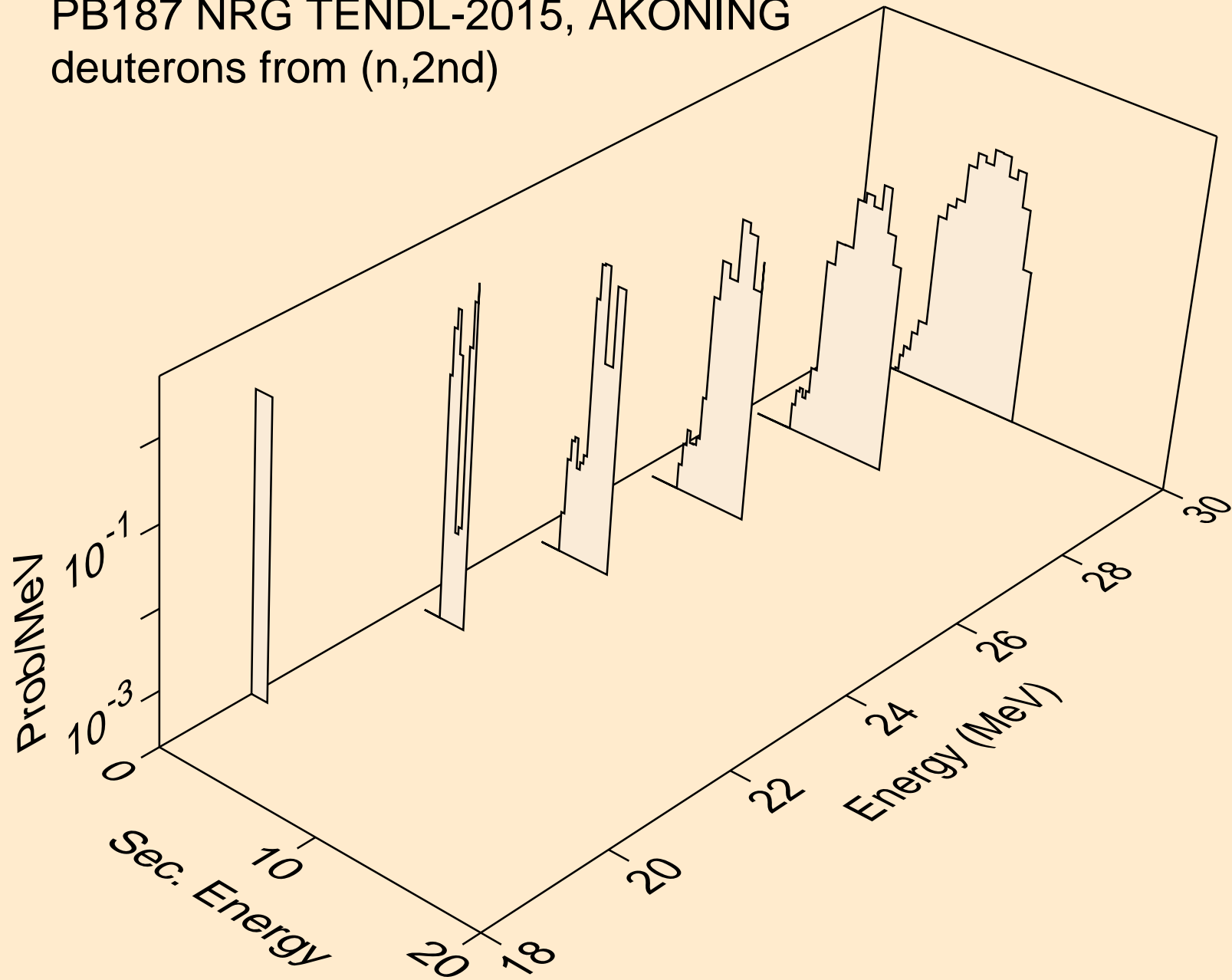
PB187 NRG TENDL-2015, AKONING  
protons from (n,pt)



PB187 NRG TENDL-2015, AKONING  
deuterons from (n,x)

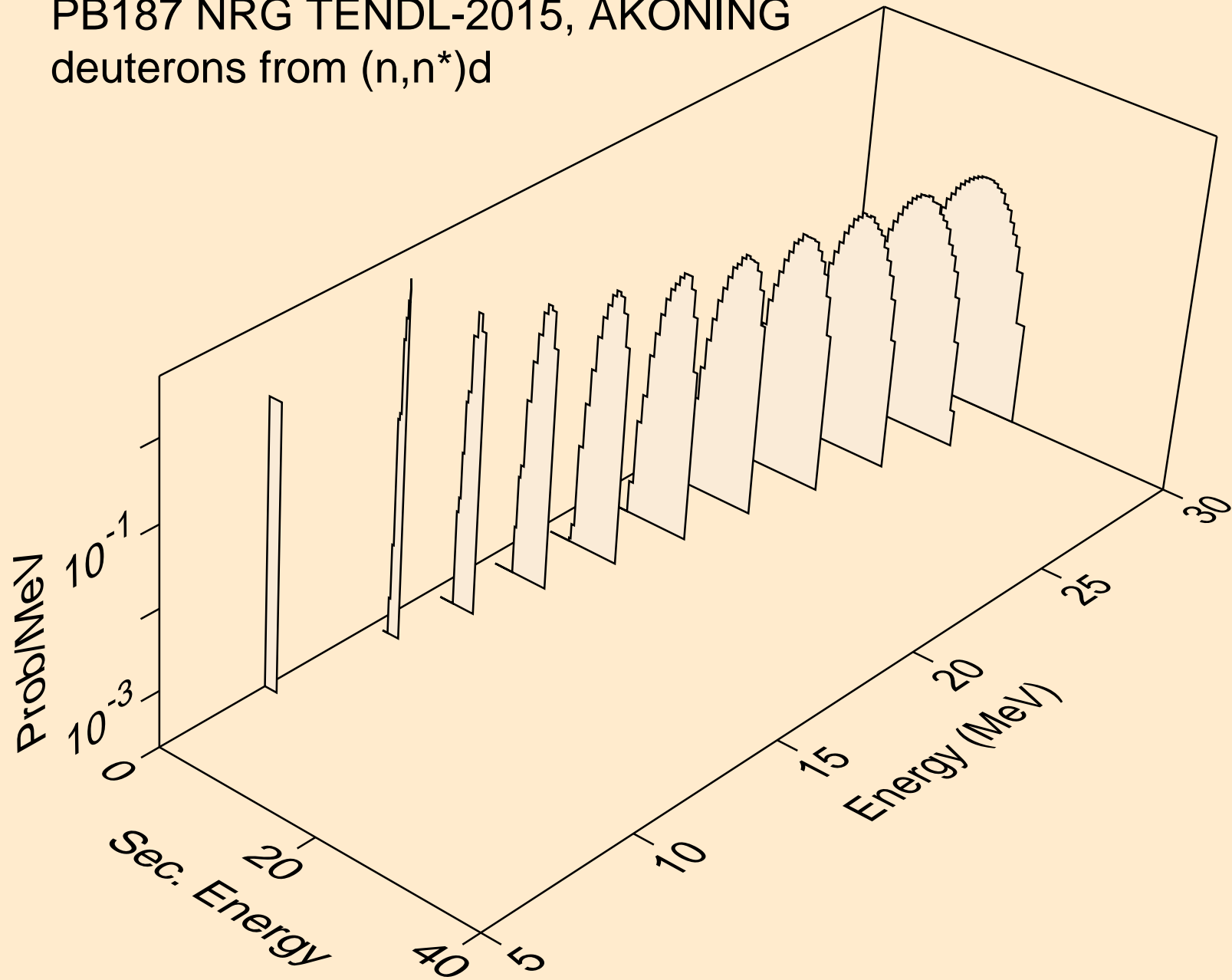


PB187 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

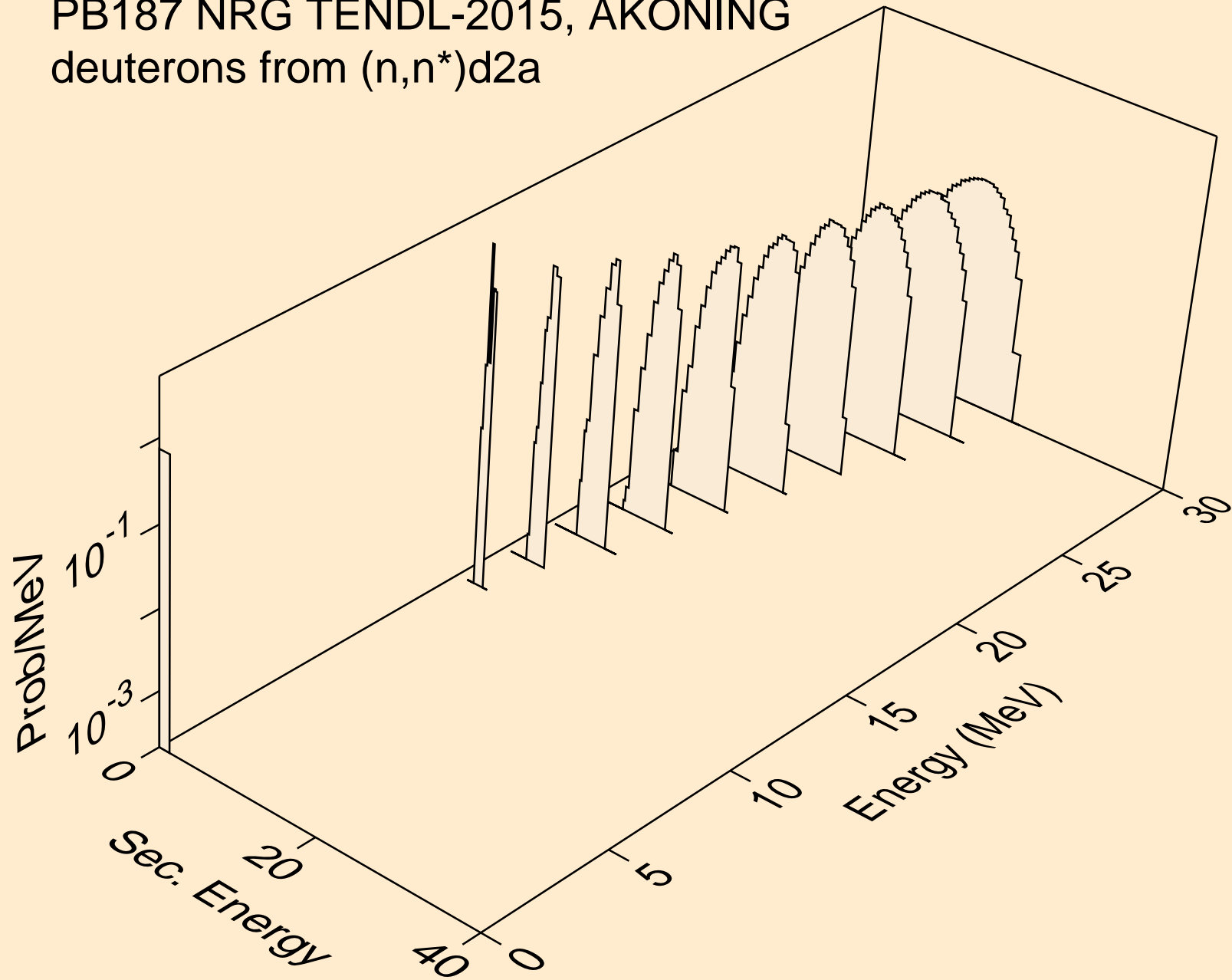




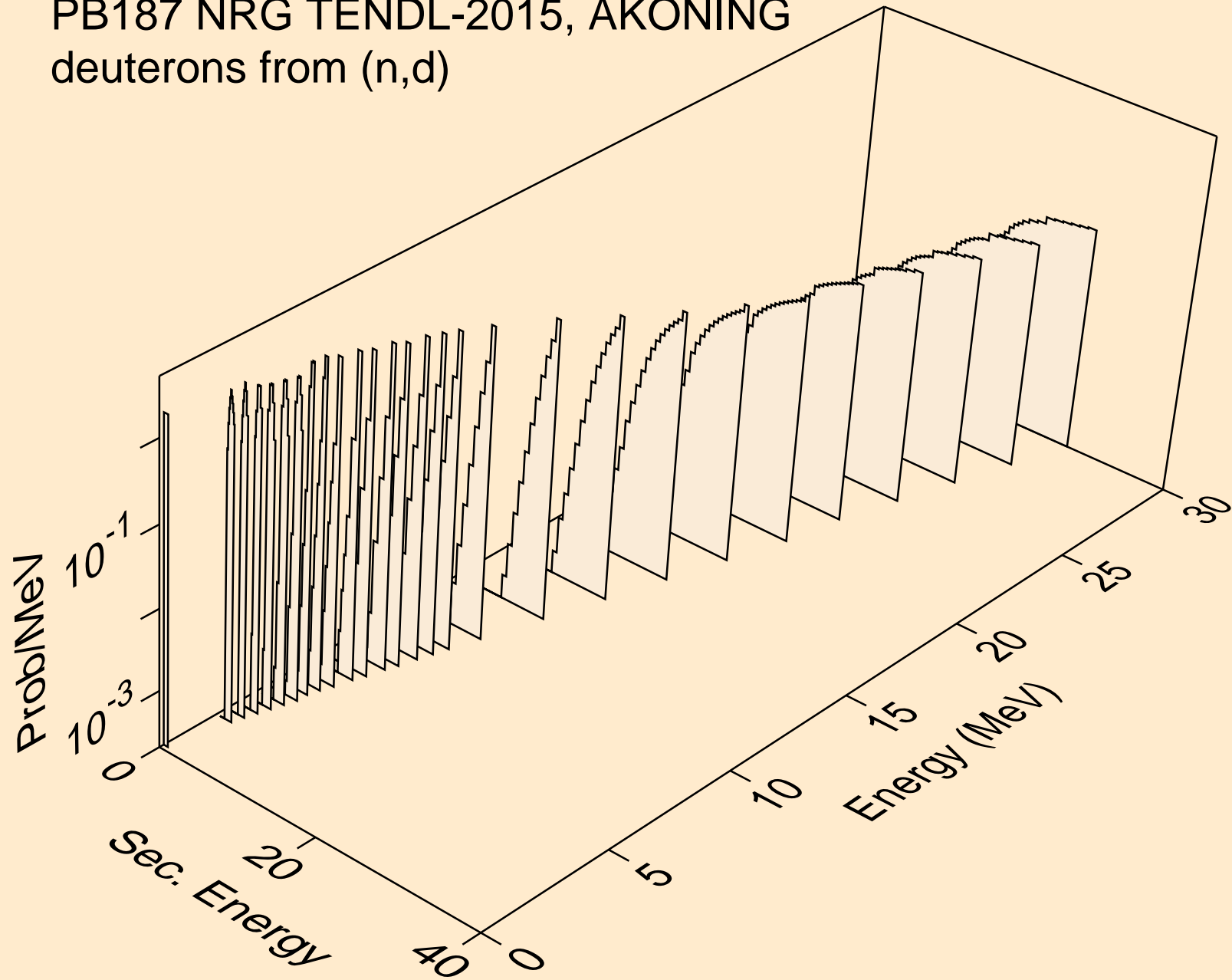
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



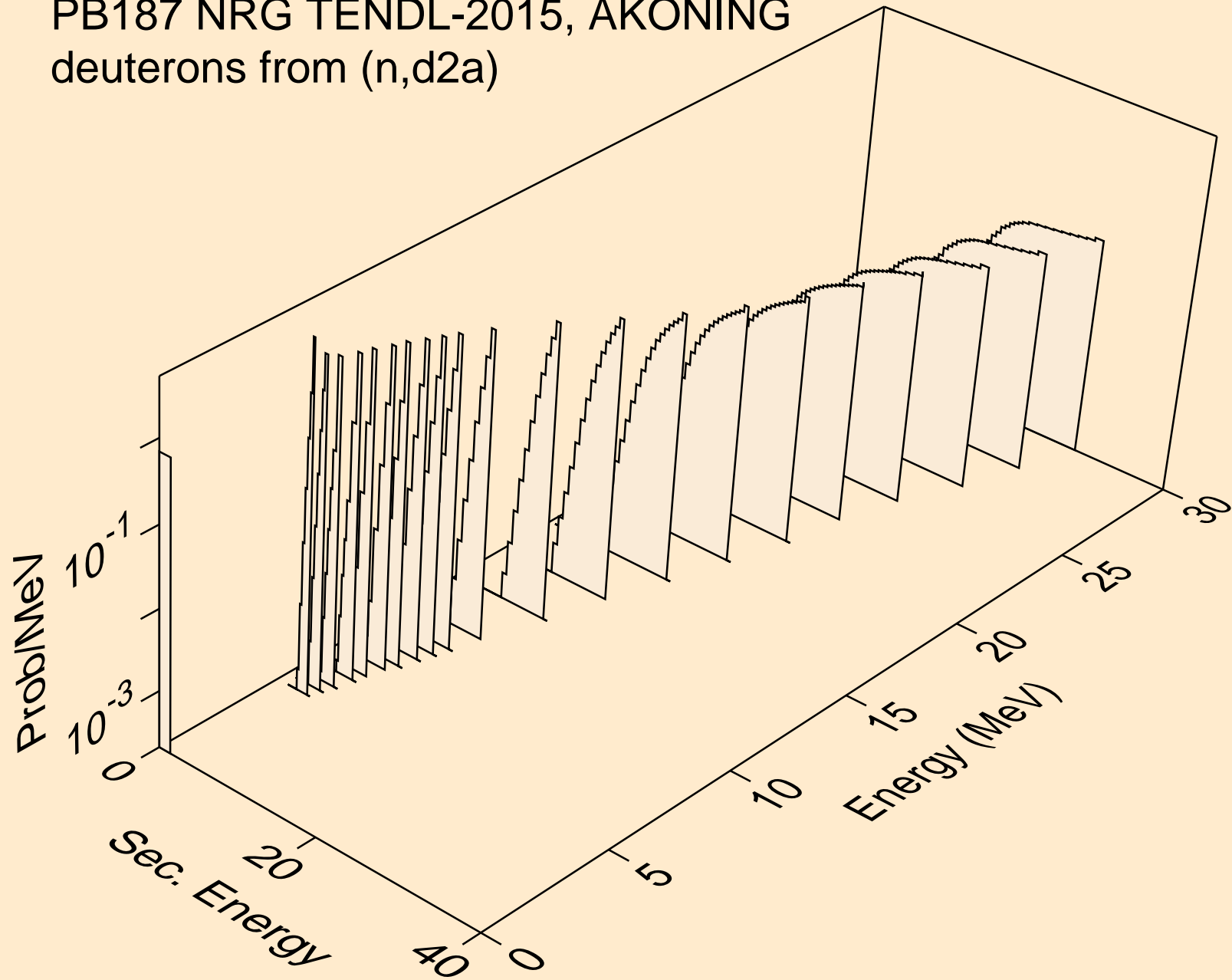
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



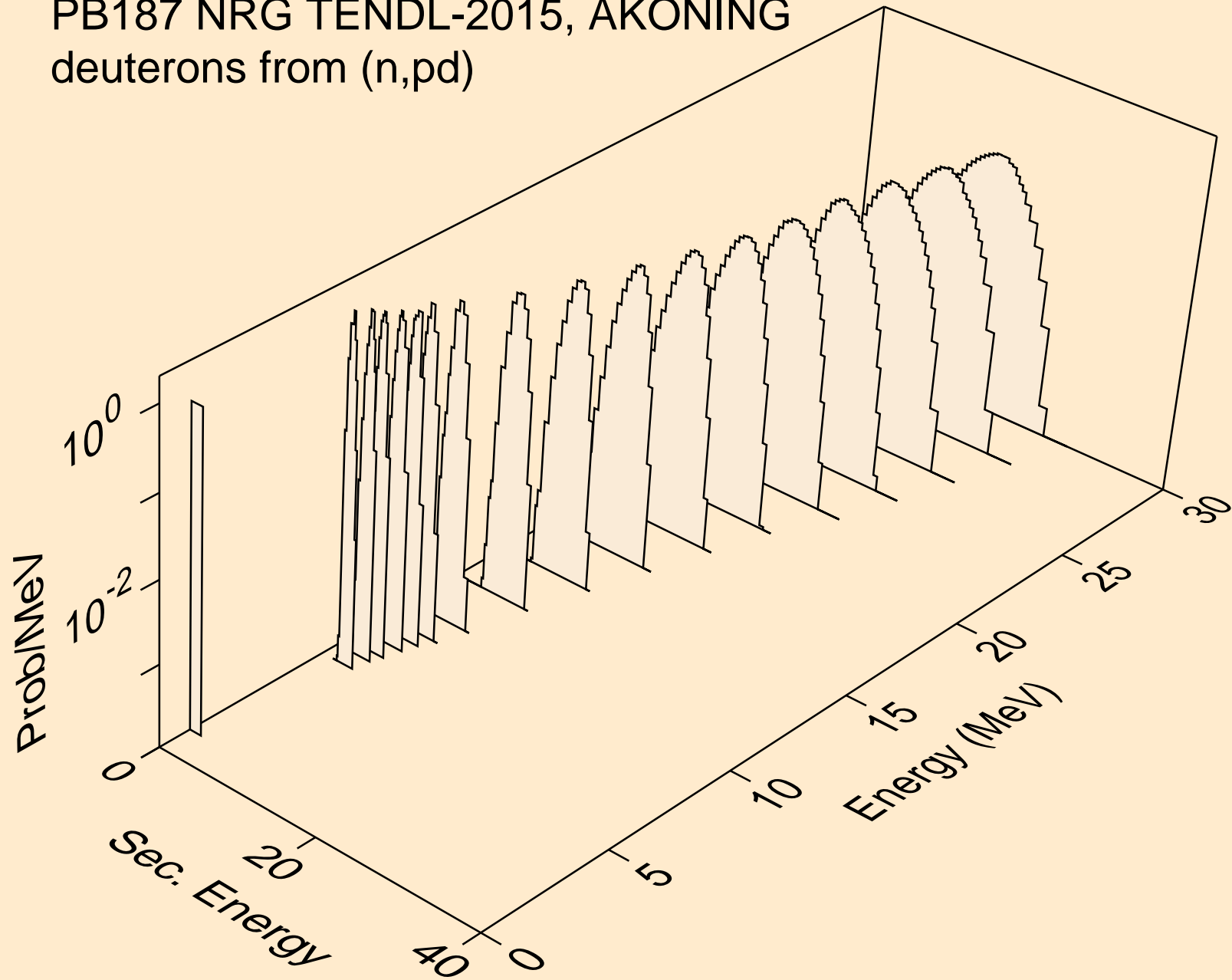
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,d)



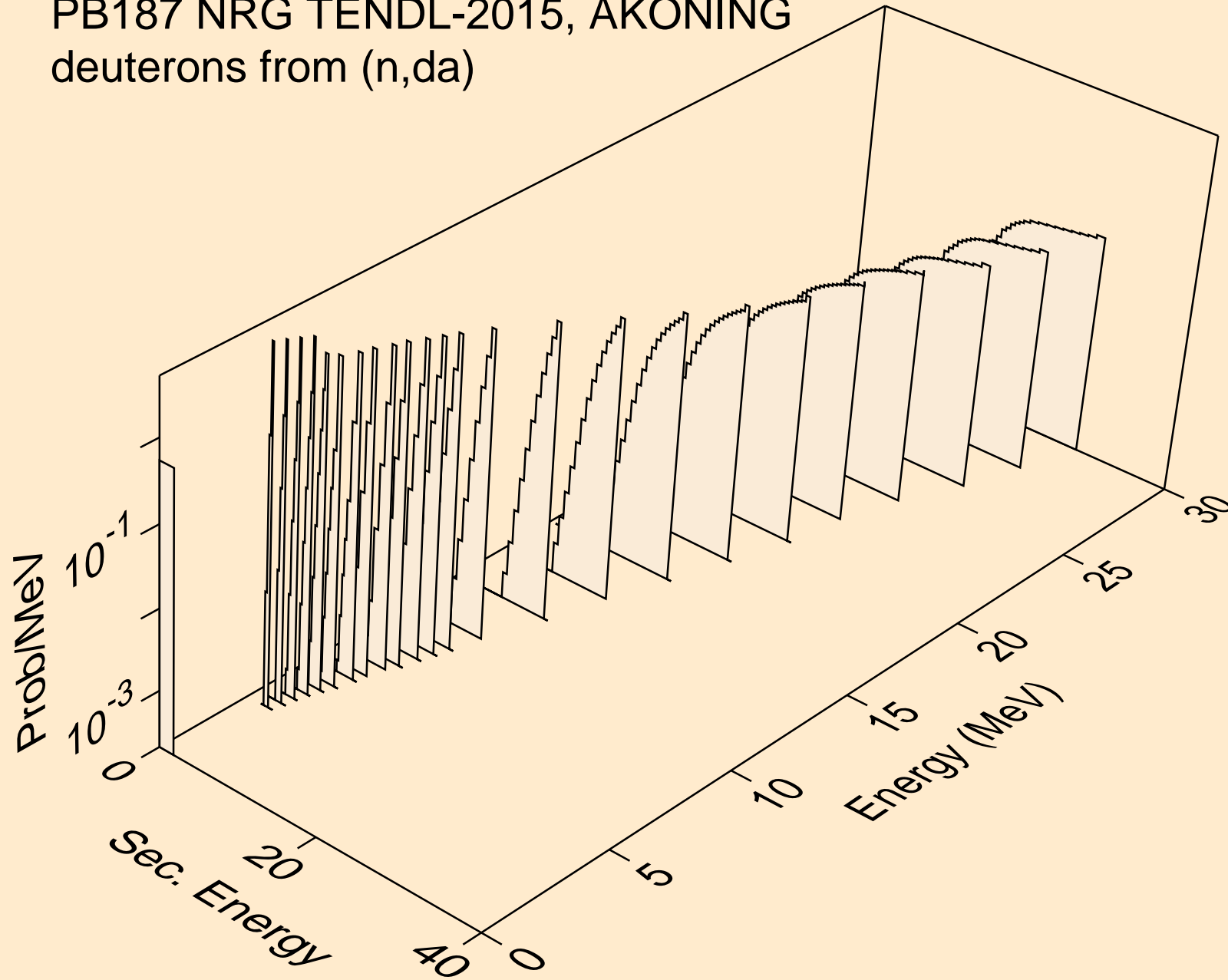
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



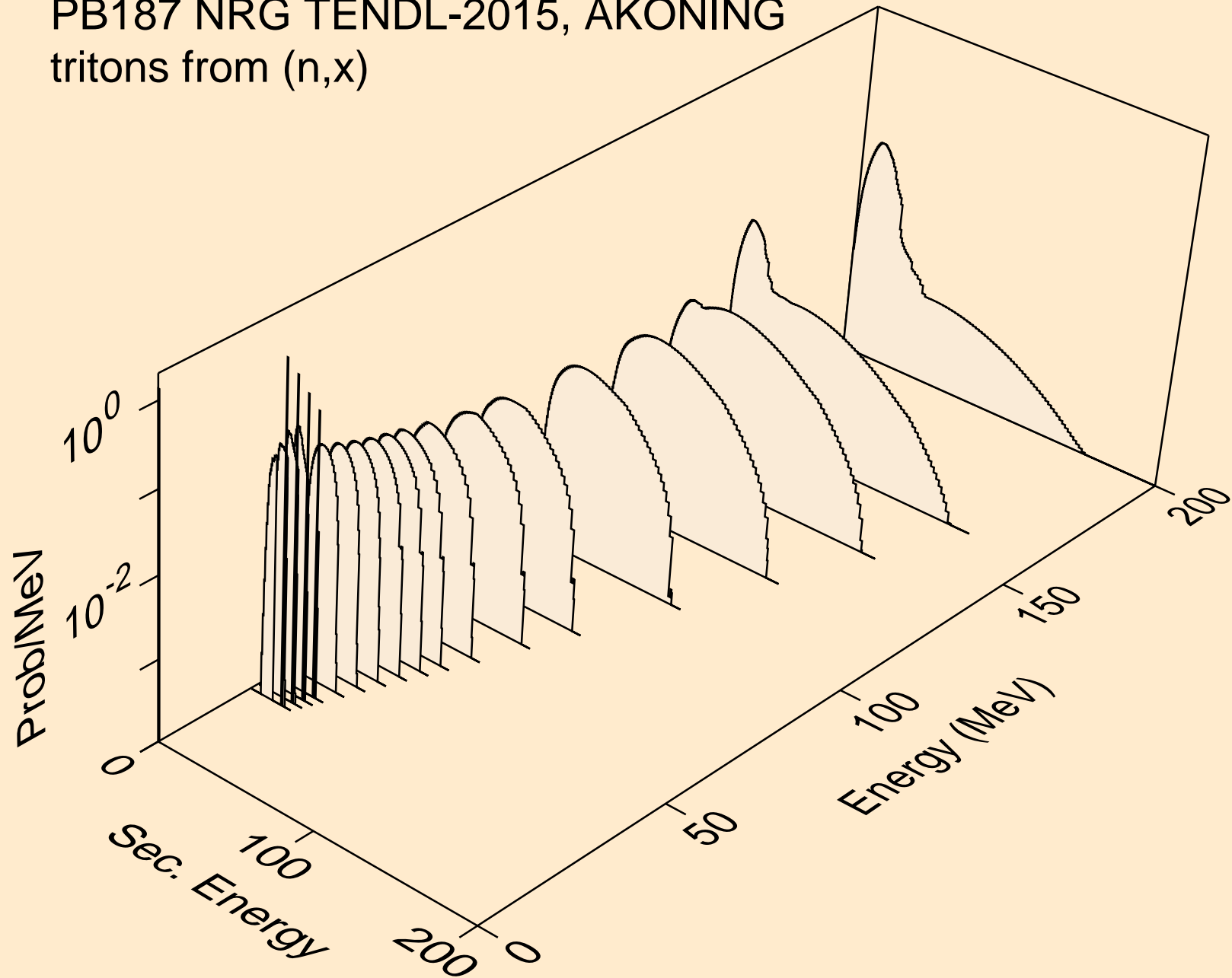
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



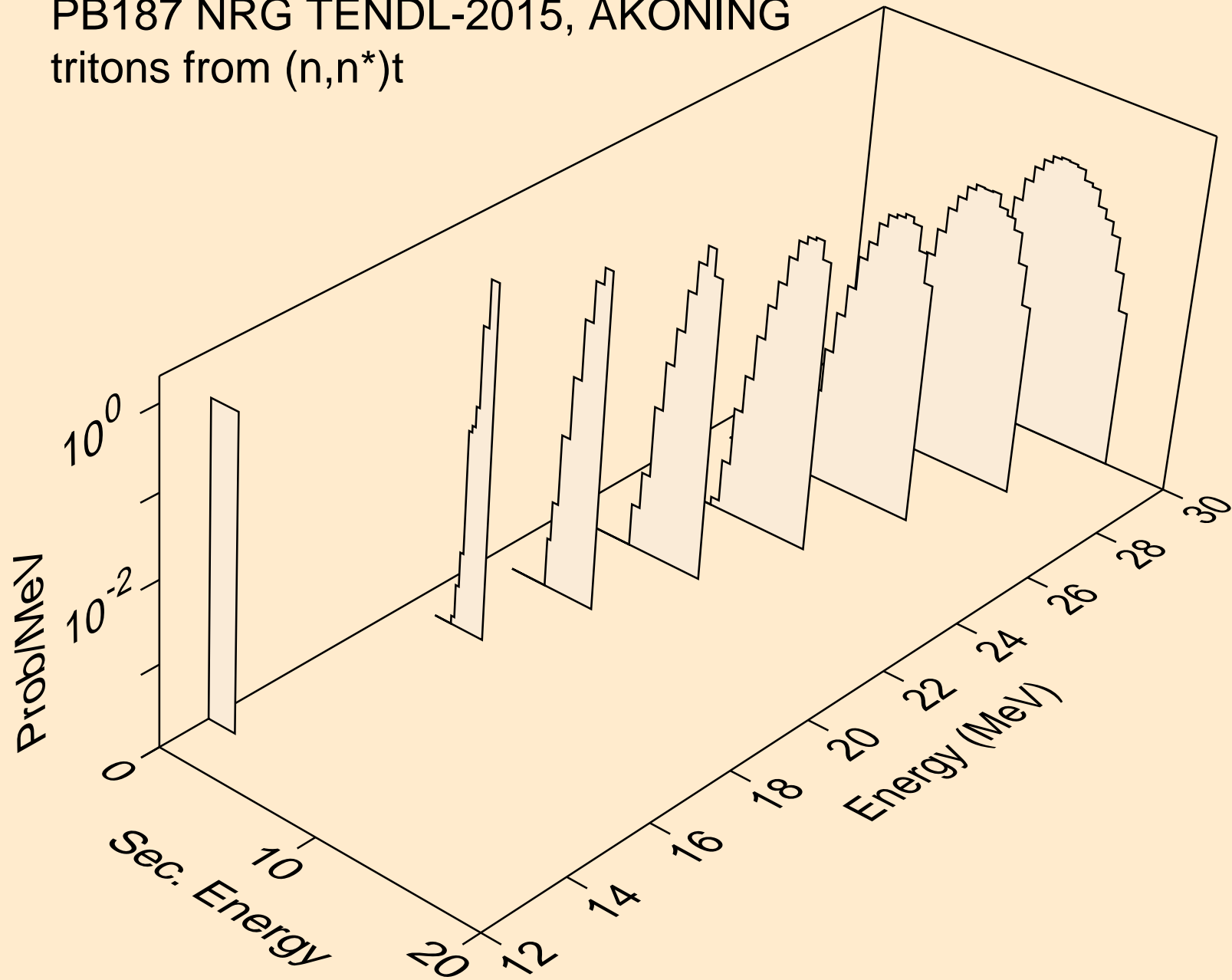
PB187 NRG TENDL-2015, AKONING  
deuterons from (n,da)



PB187 NRG TENDL-2015, AKONING  
tritons from (n,x)

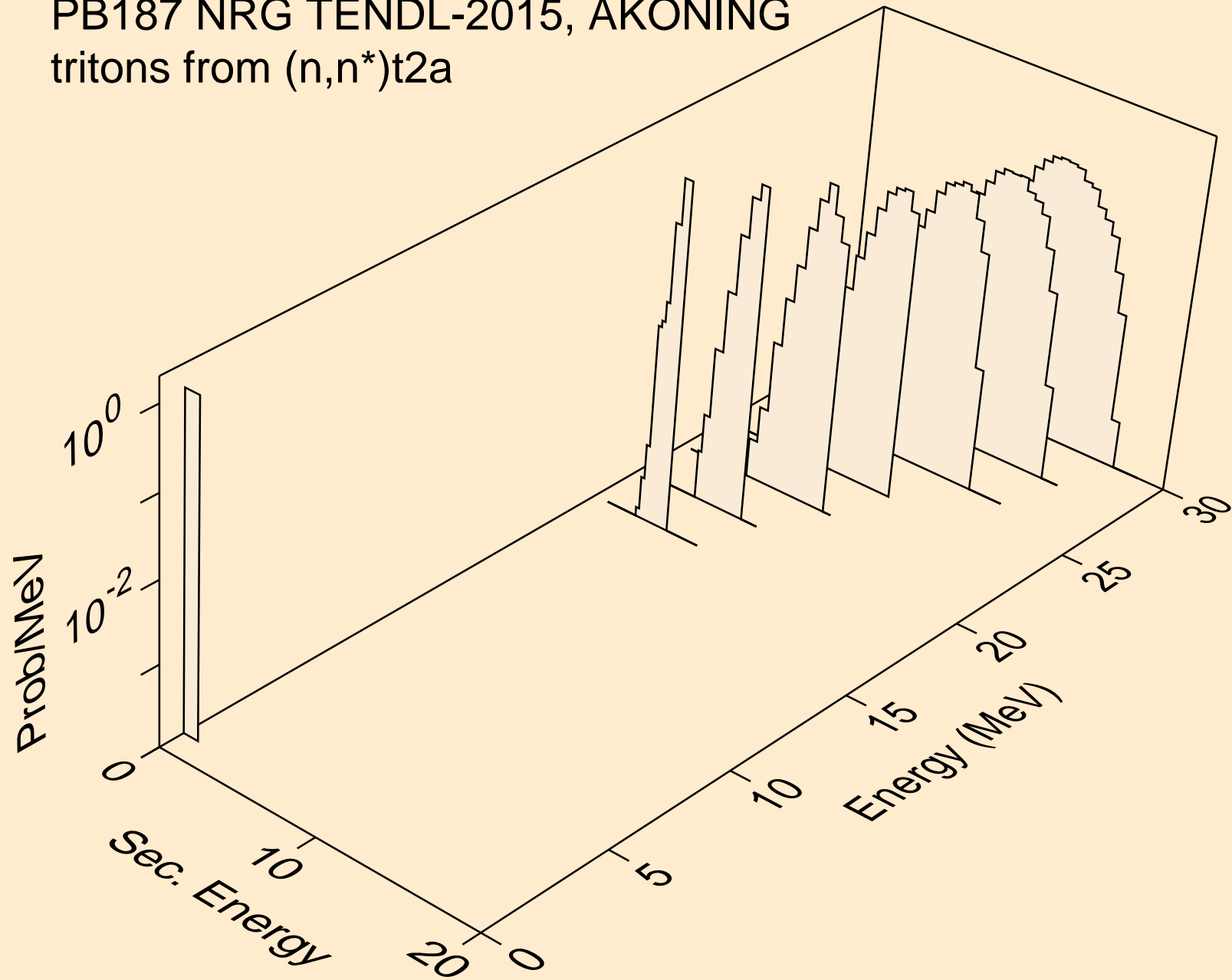


PB187 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

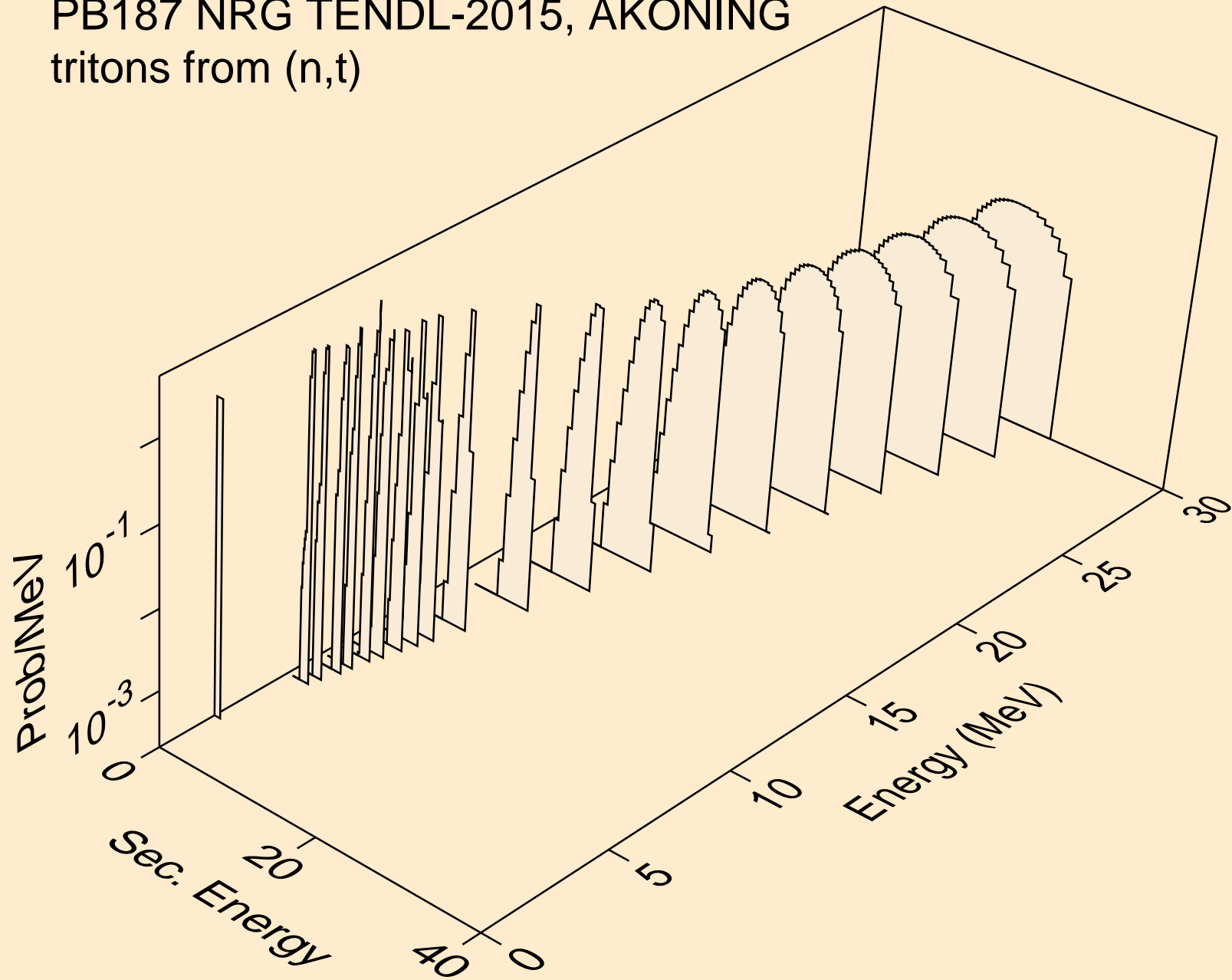




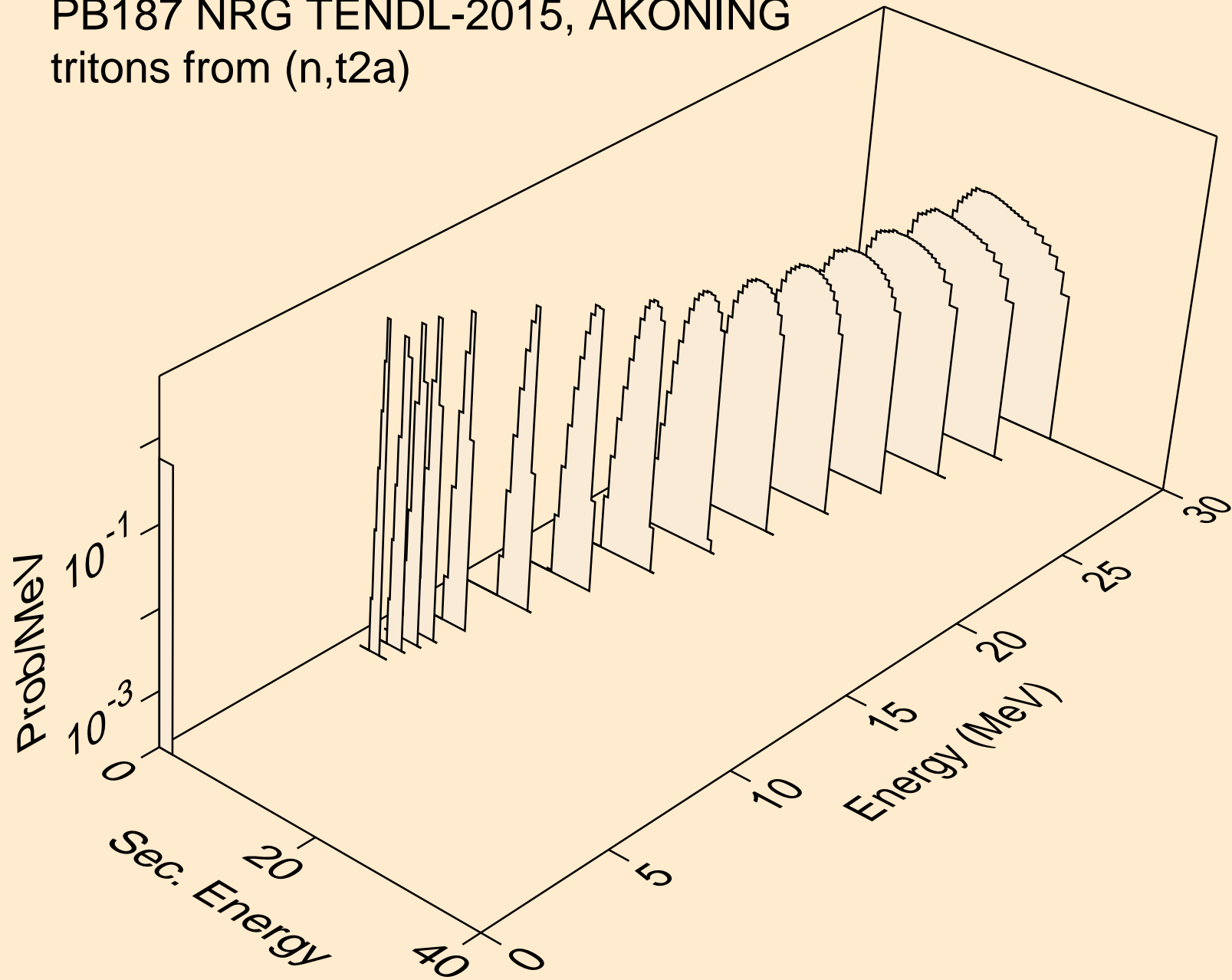
PB187 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



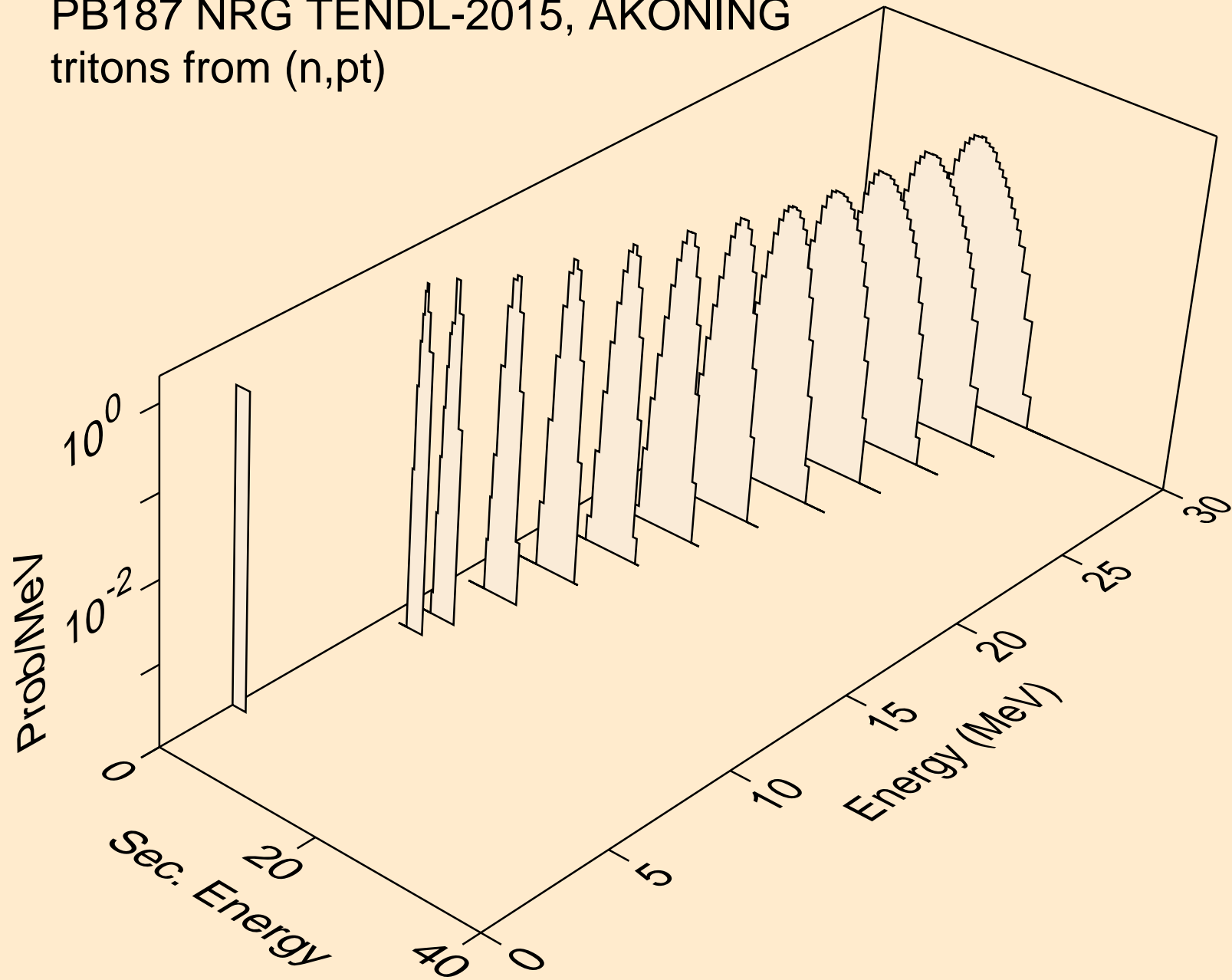
PB187 NRG TENDL-2015, AKONING  
tritons from (n,t)



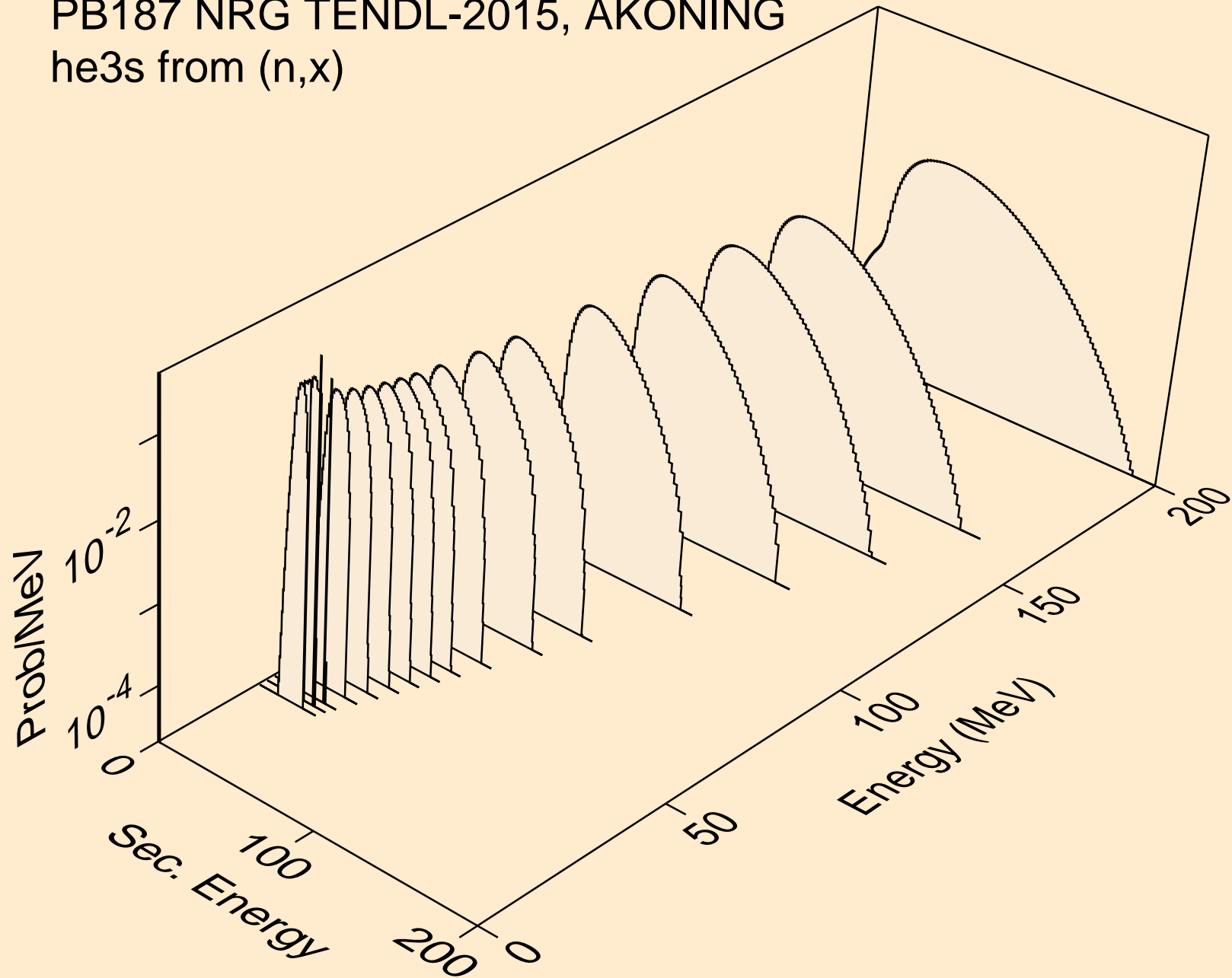
PB187 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



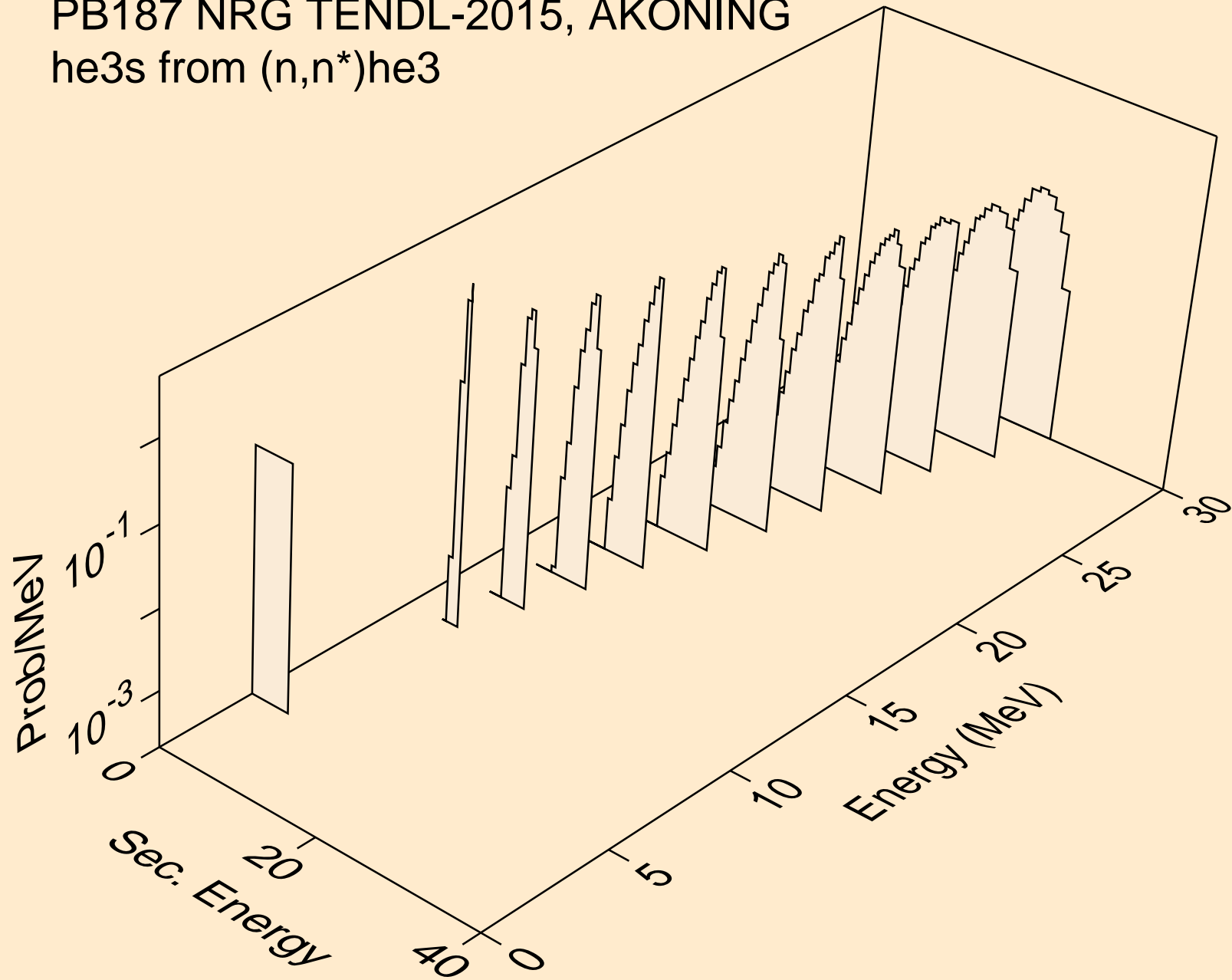
PB187 NRG TENDL-2015, AKONING  
tritons from (n,pt)



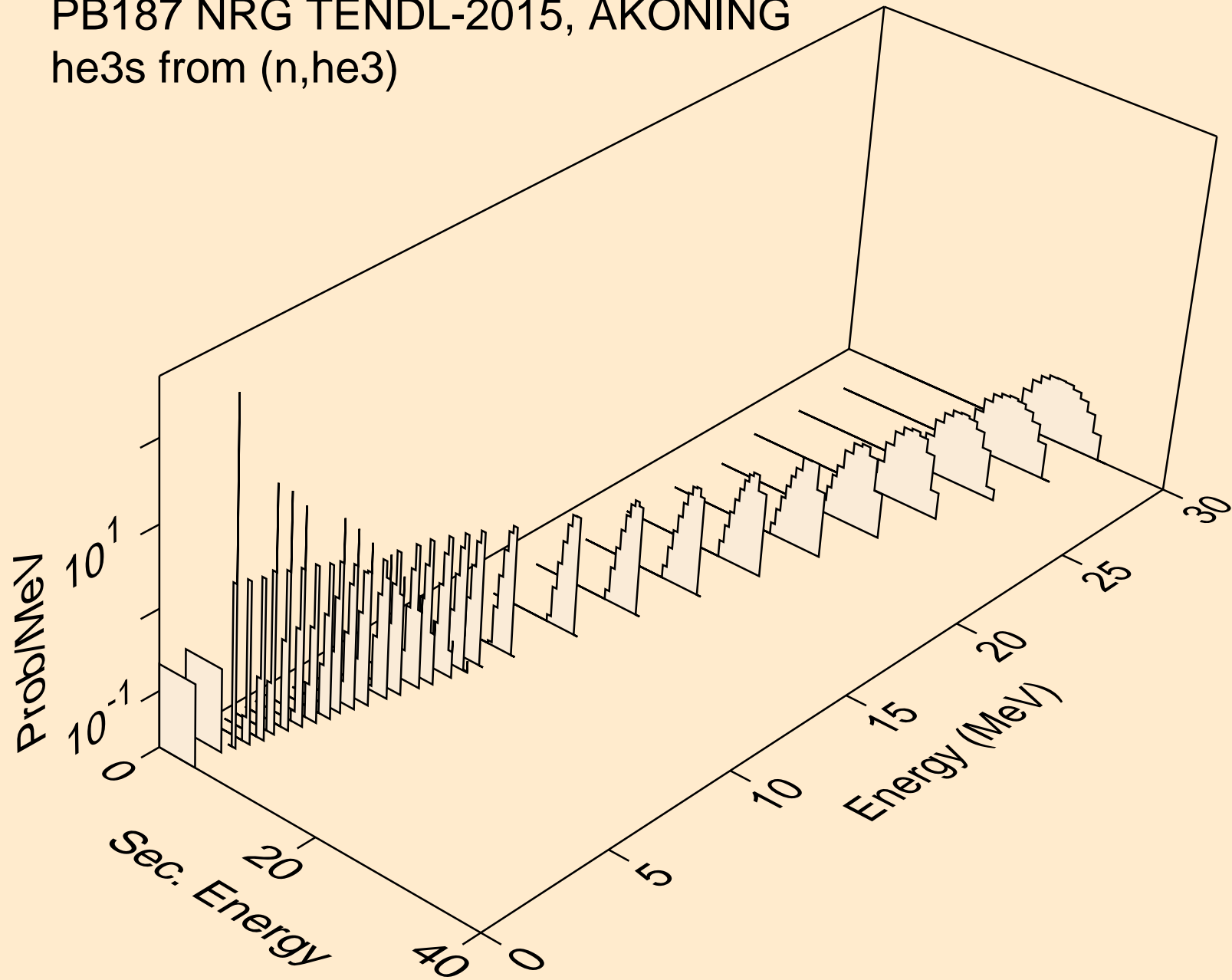
PB187 NRG TENDL-2015, AKONING  
he3s from (n,x)



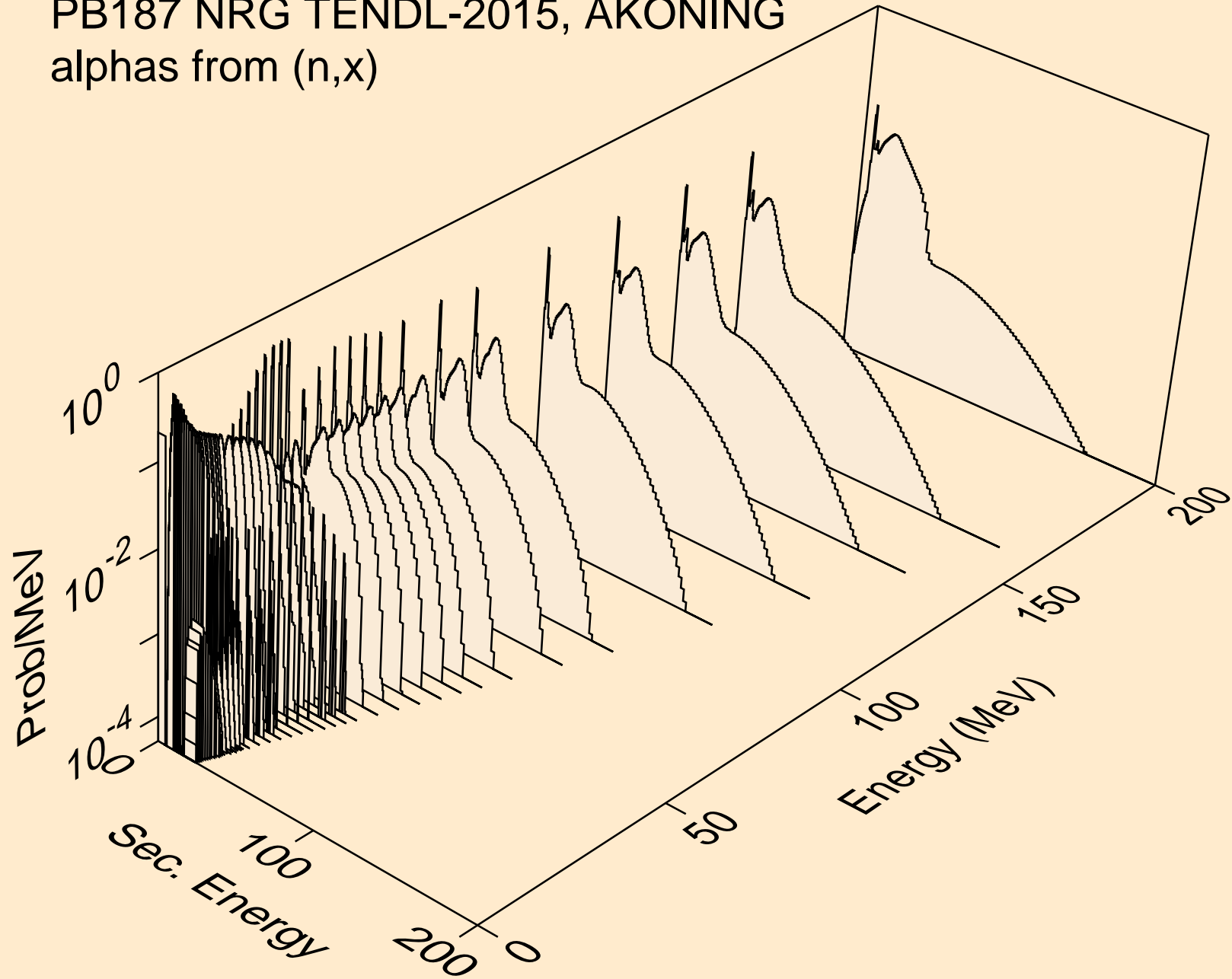
PB187 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



PB187 NRG TENDL-2015, AKONING  
he3s from (n,he3)

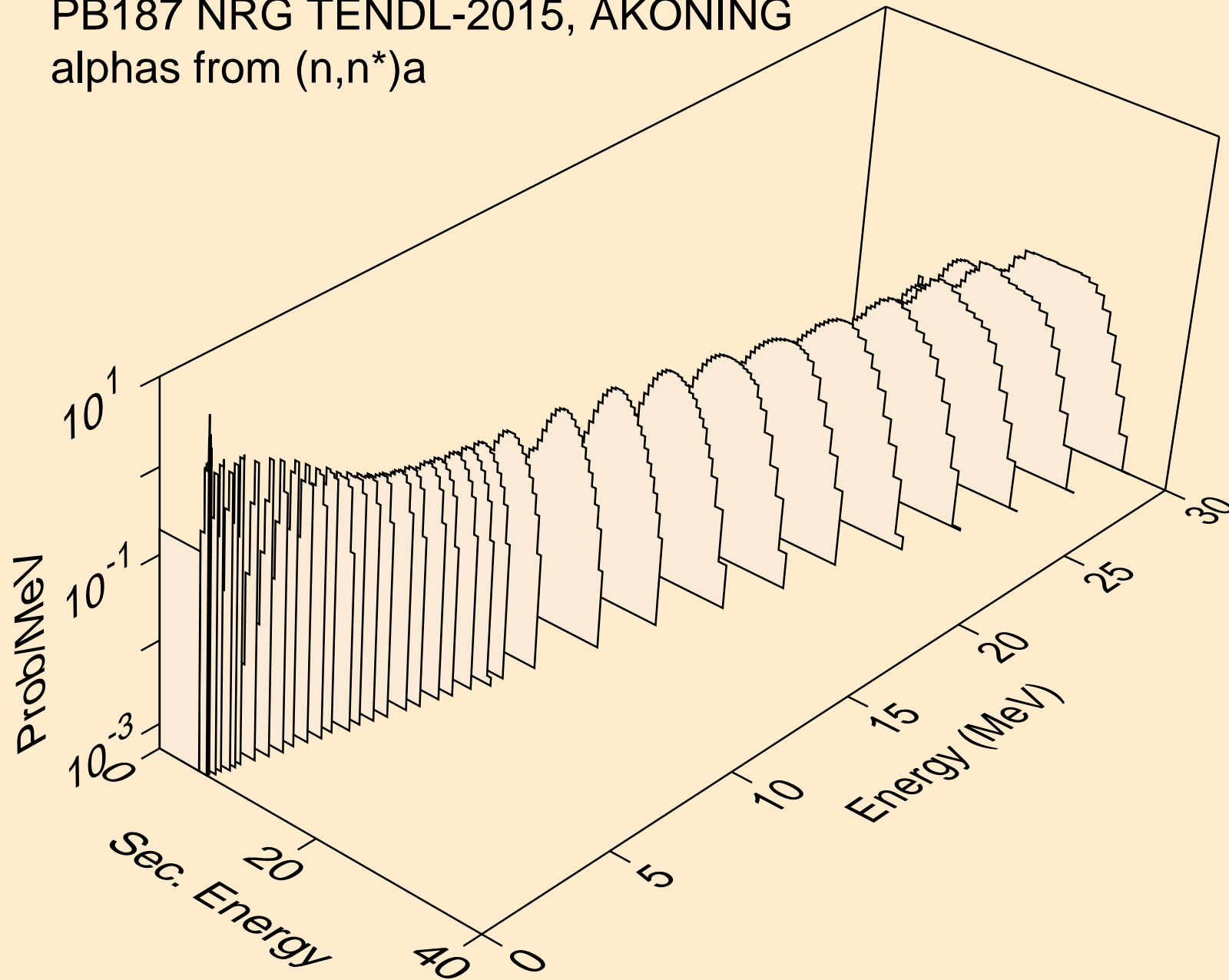


PB187 NRG TENDL-2015, AKONING  
alphas from (n,x)

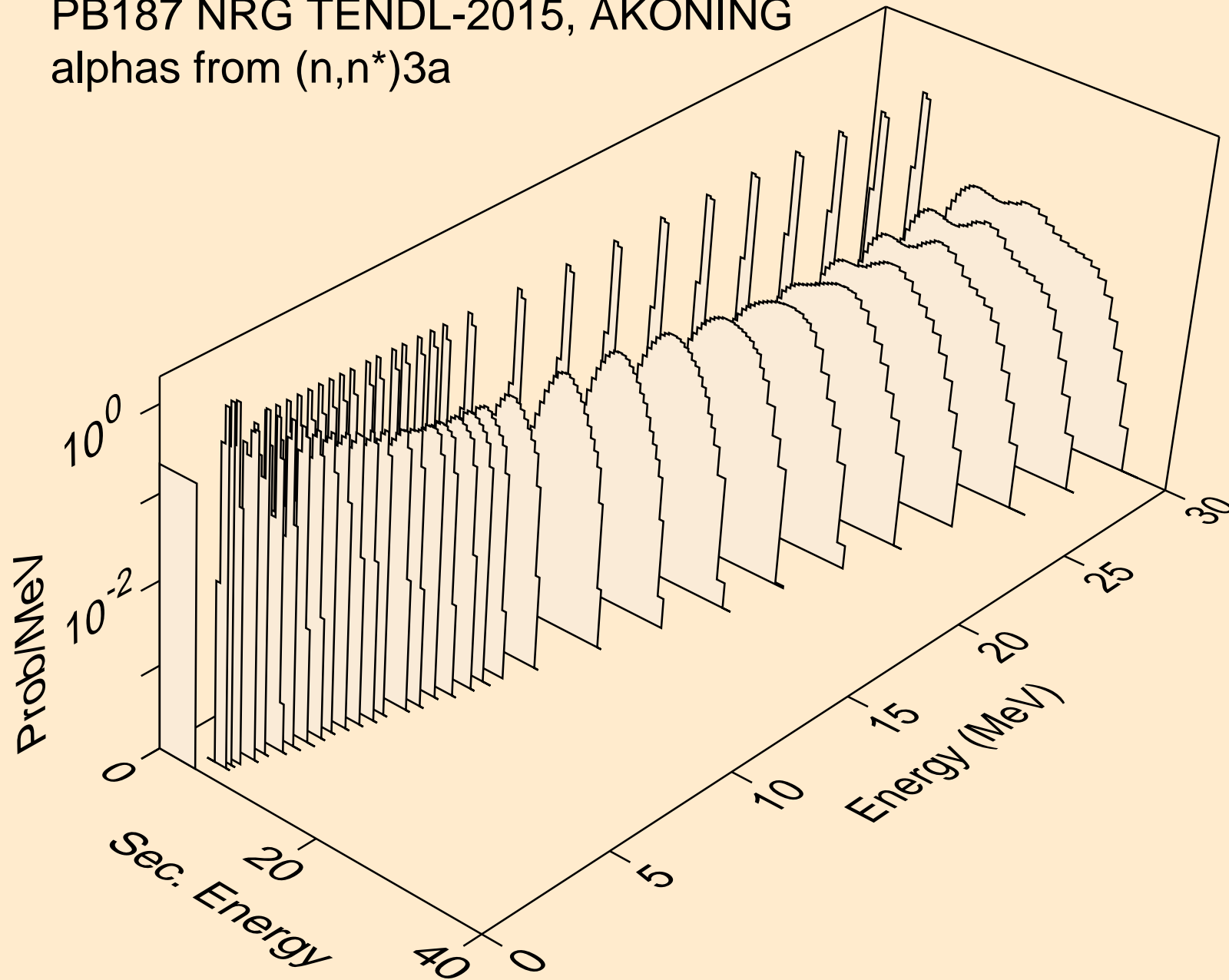




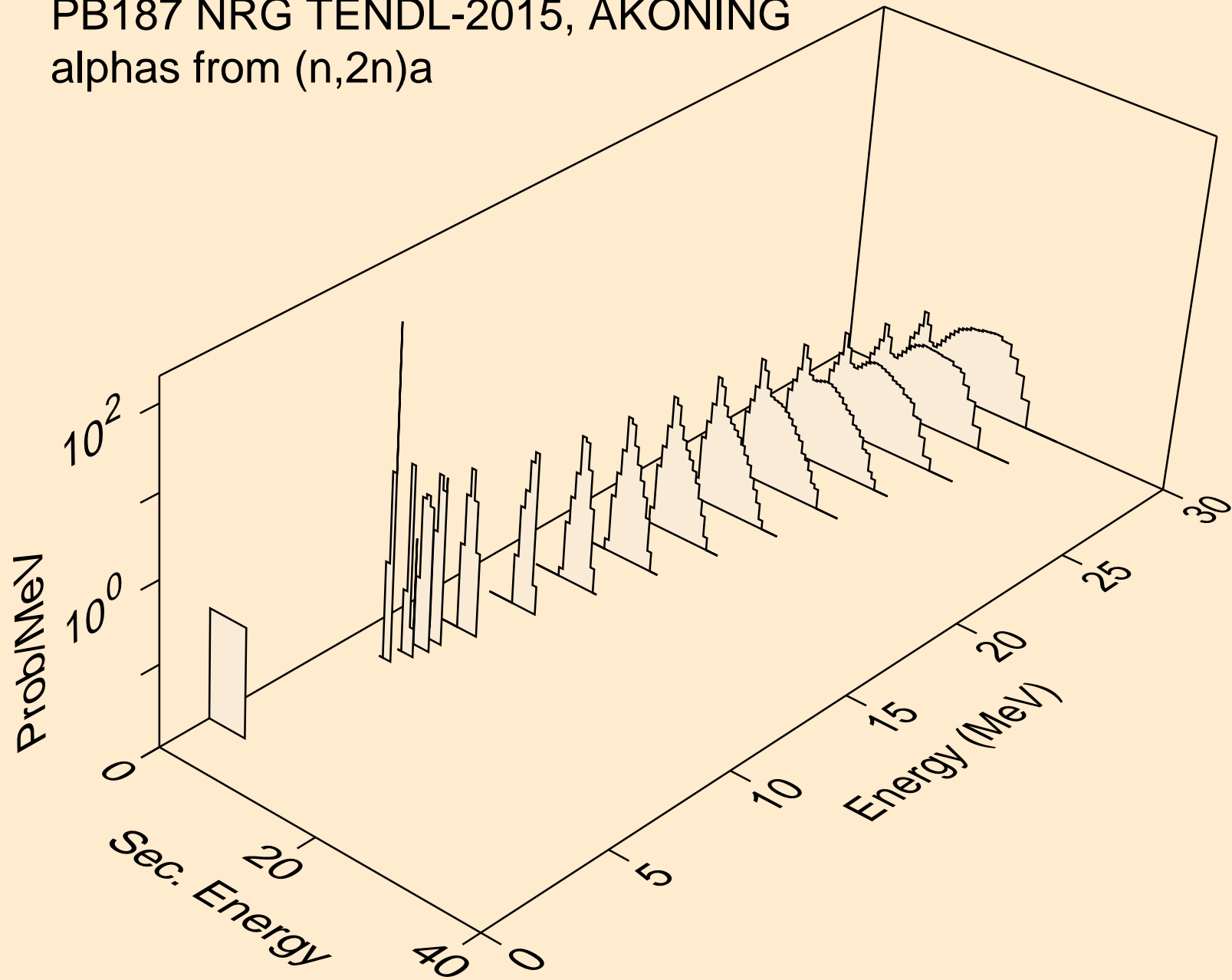
PB187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



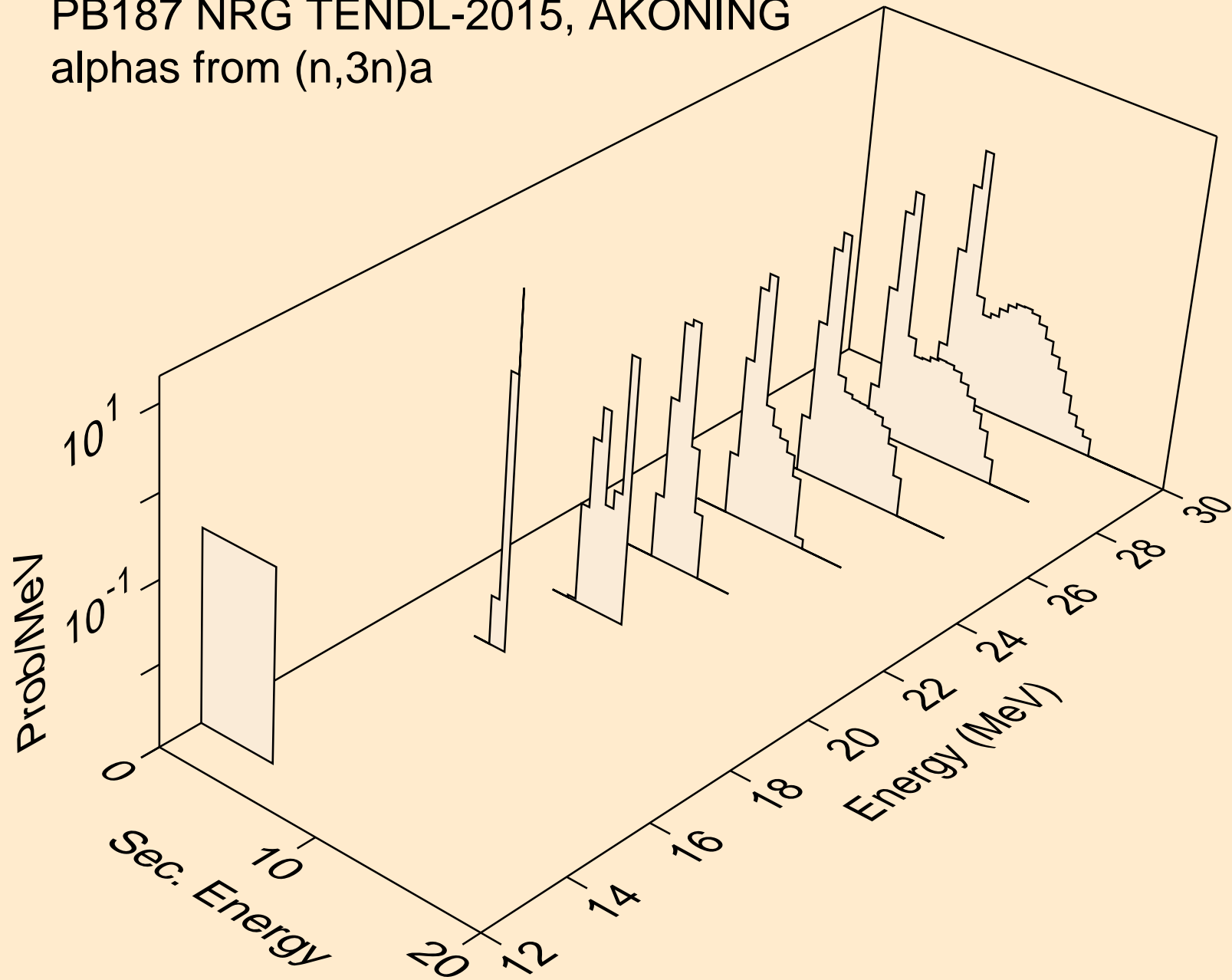
PB187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



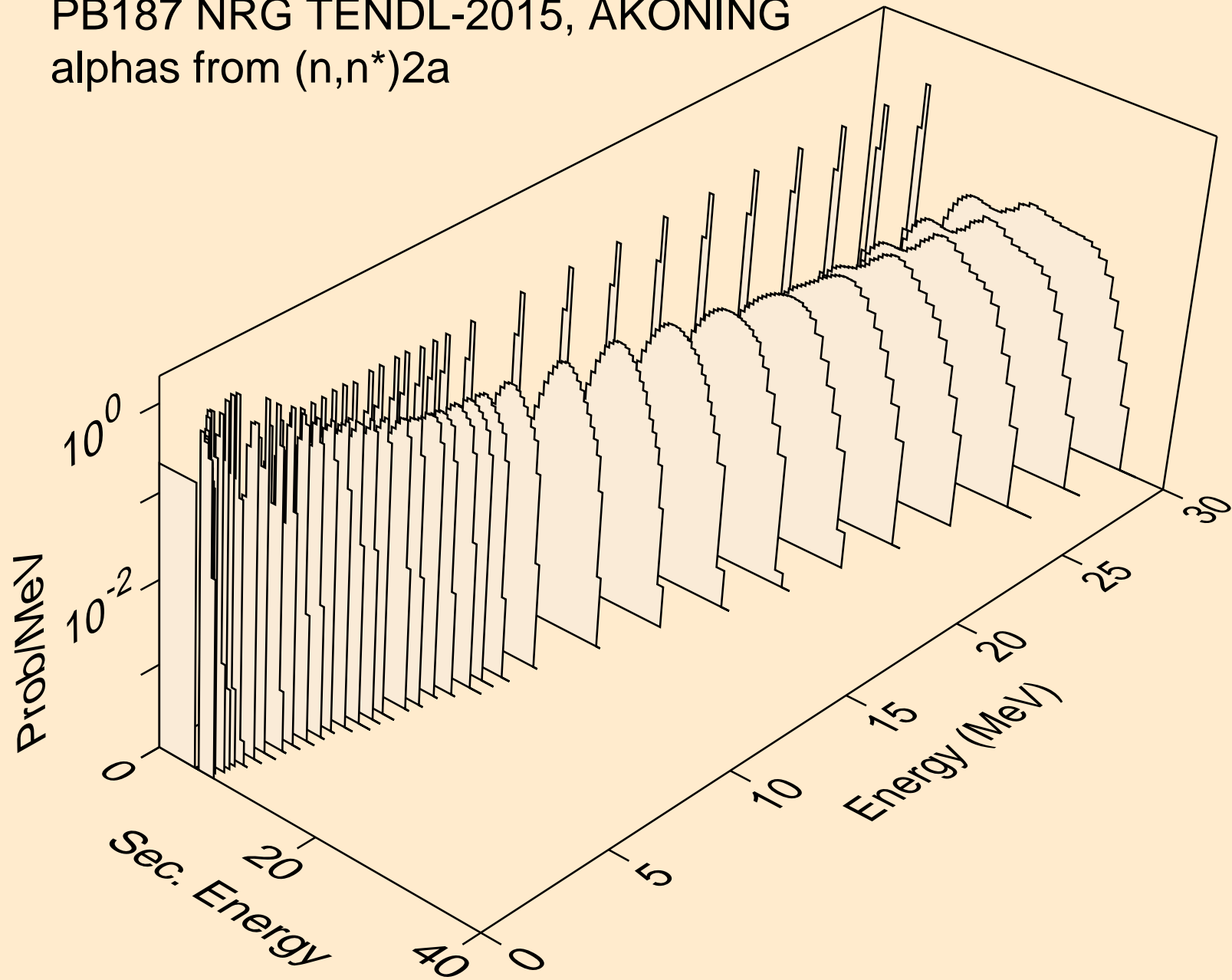
PB187 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



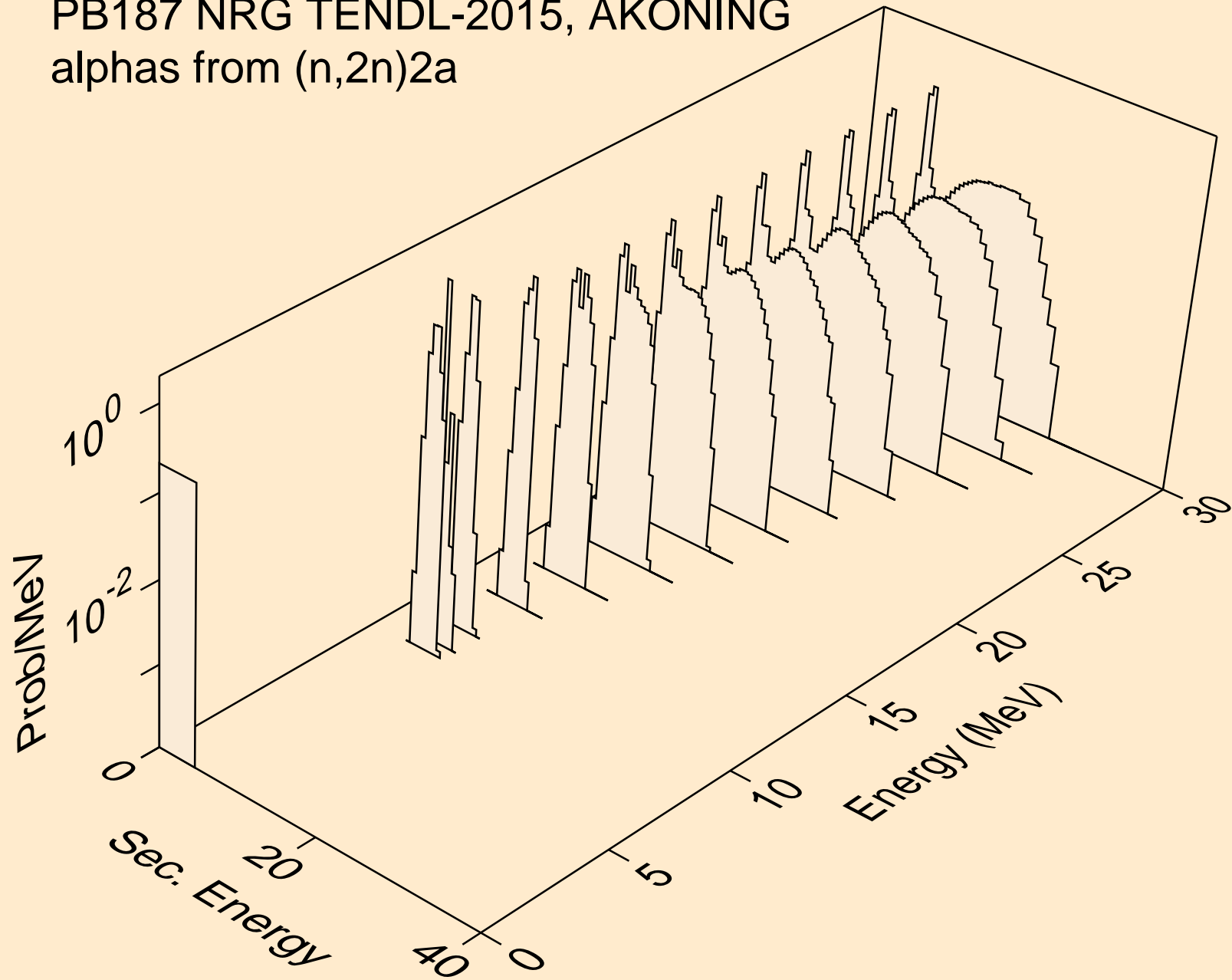
PB187 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



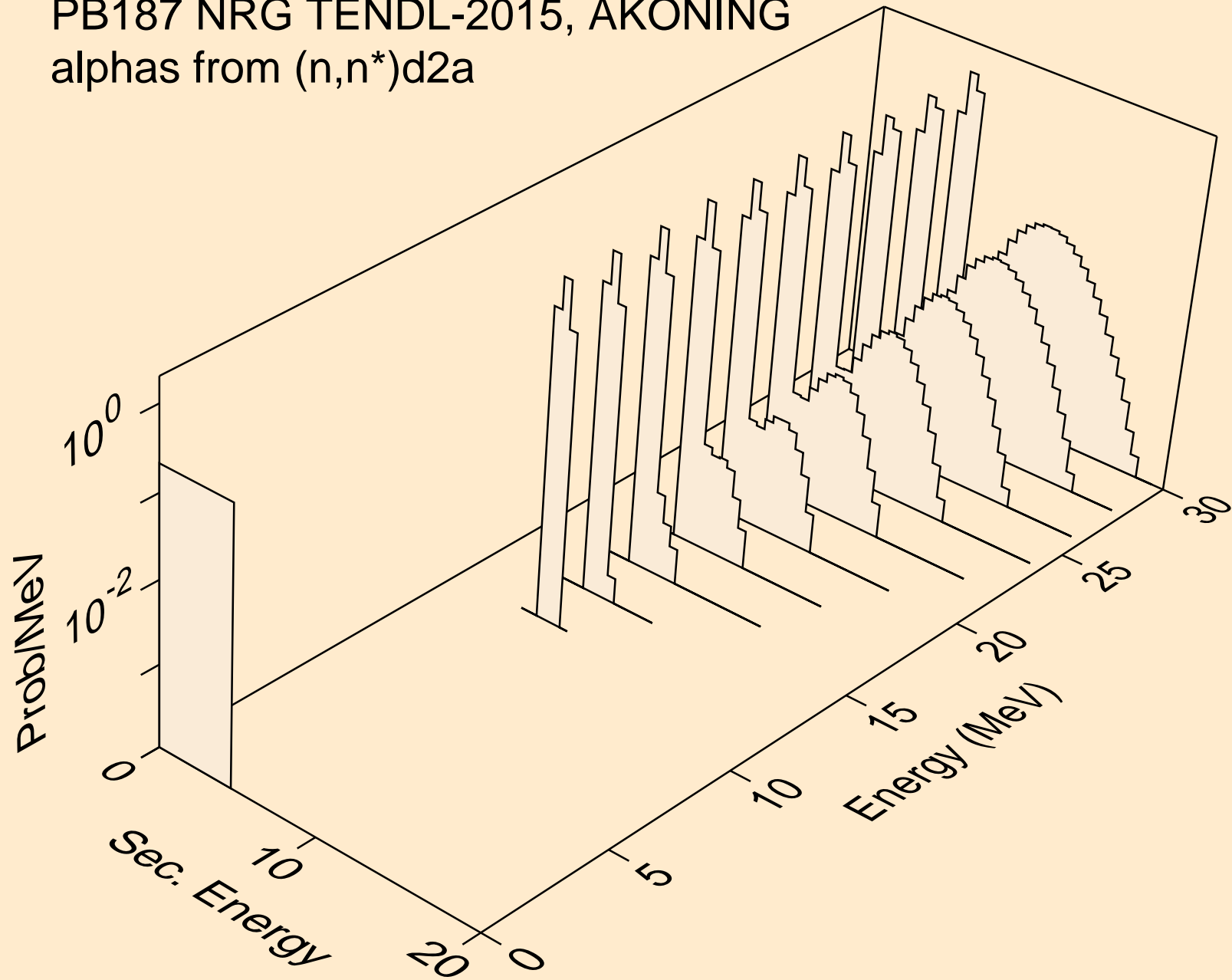
PB187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



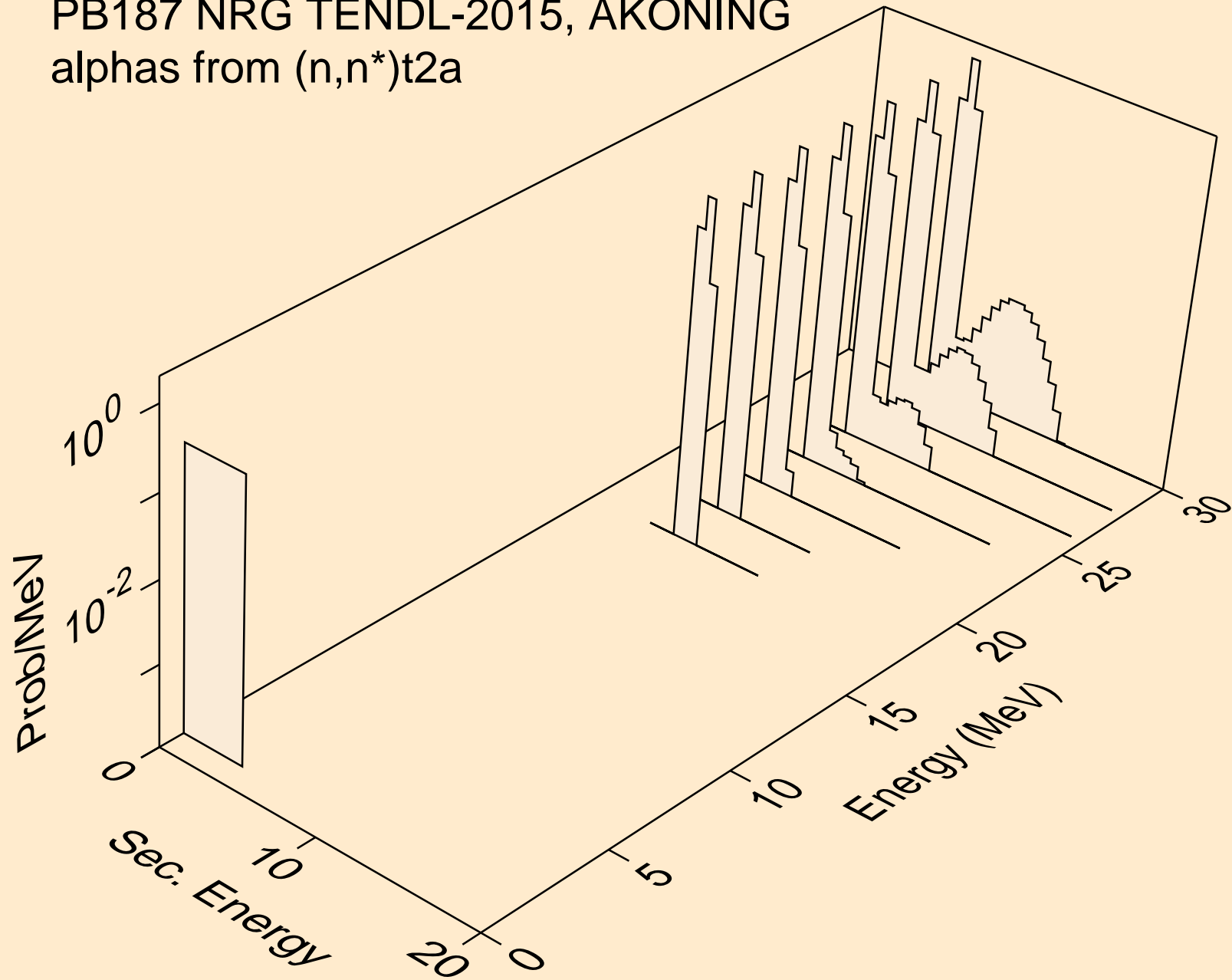
PB187 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



PB187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a

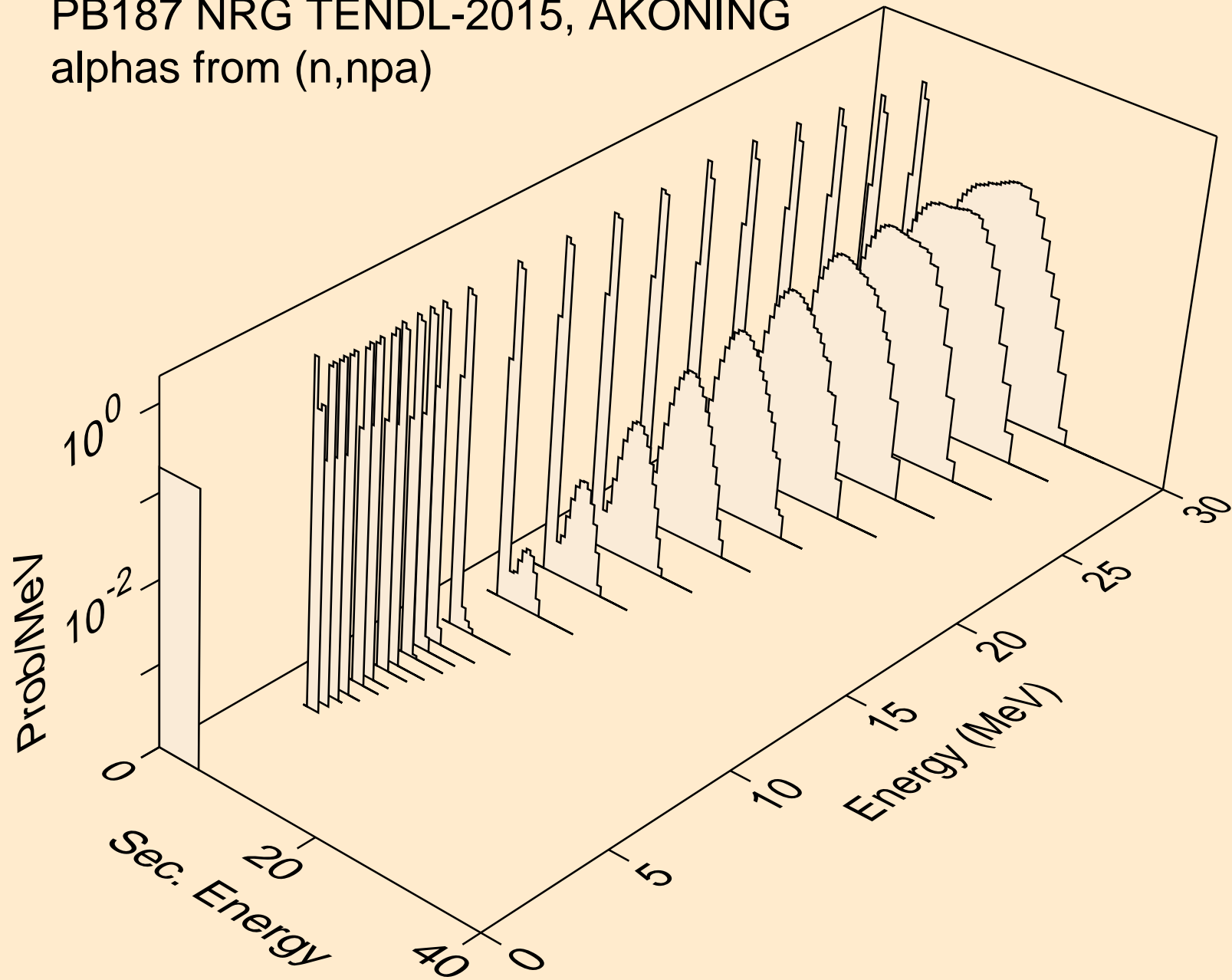


PB187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

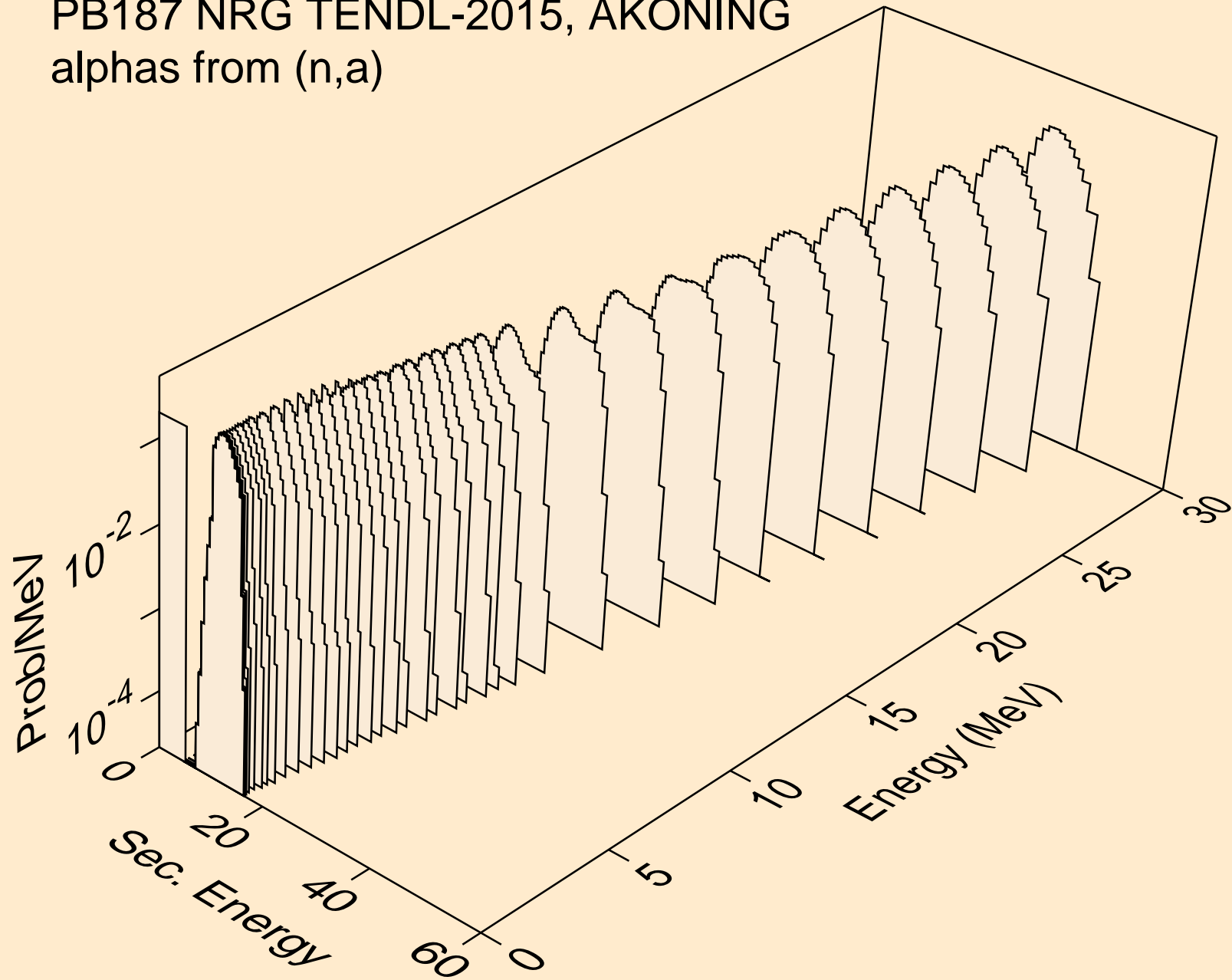




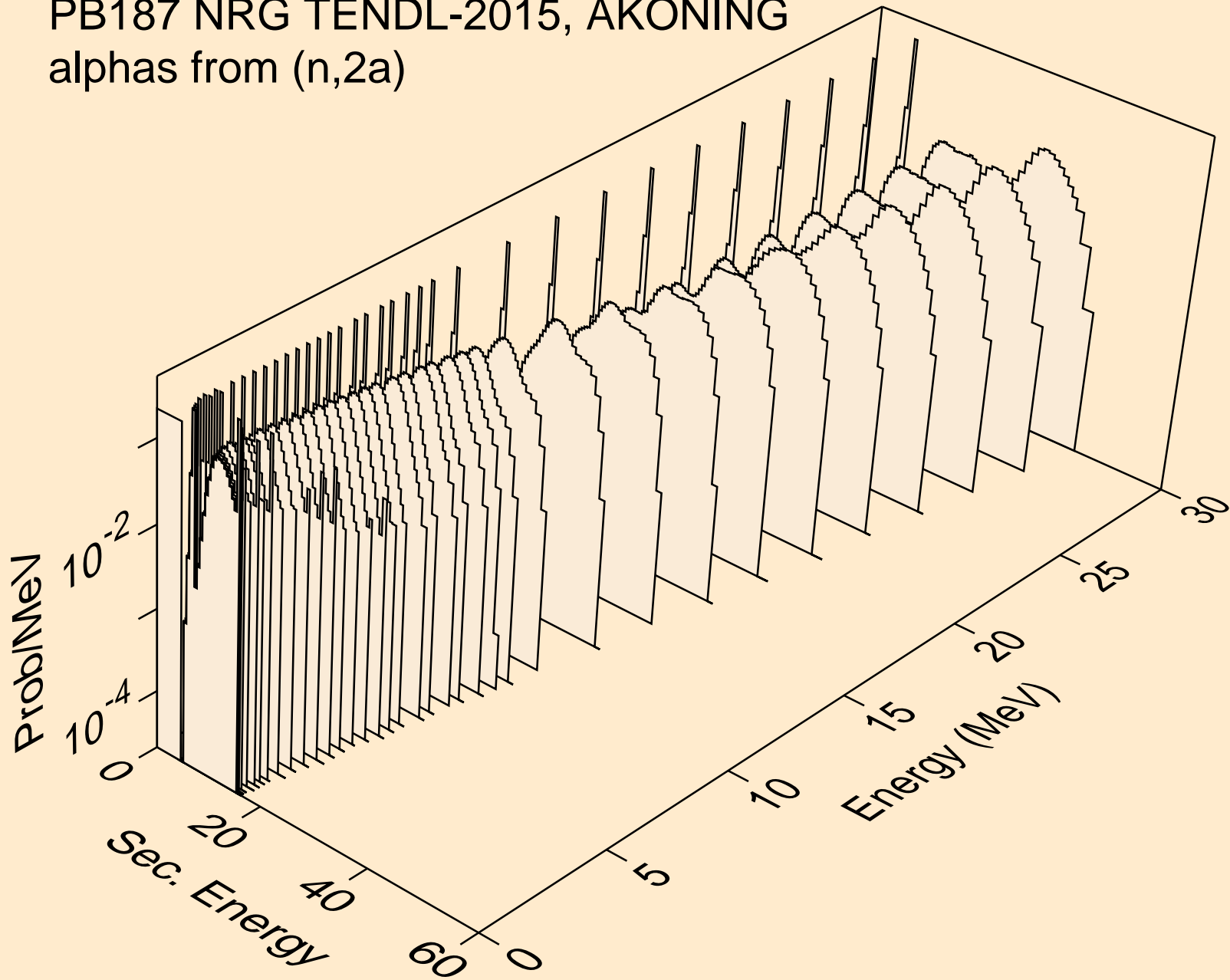
PB187 NRG TENDL-2015, AKONING  
alphas from (n,npa)



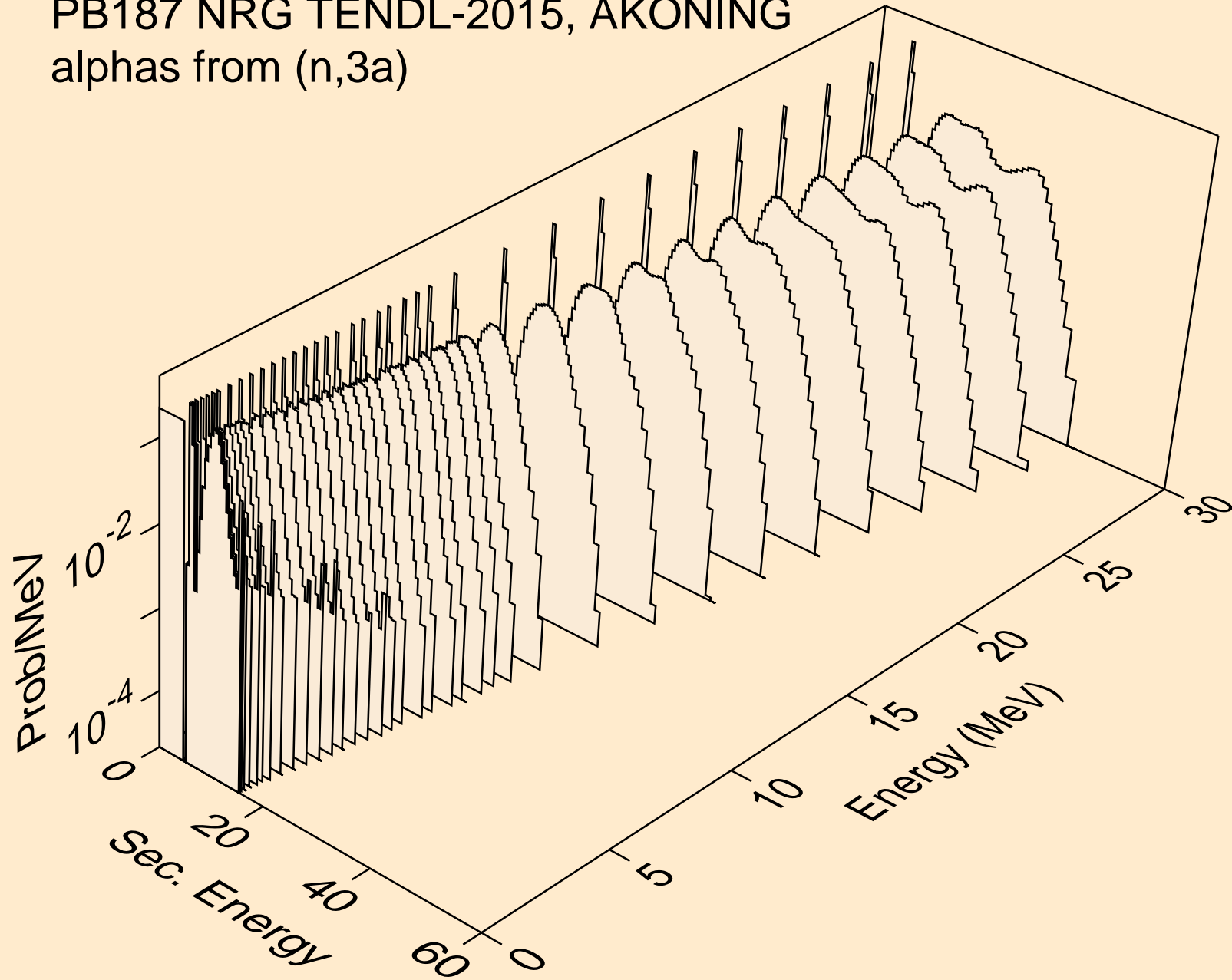
PB187 NRG TENDL-2015, AKONING  
alphas from (n,a)



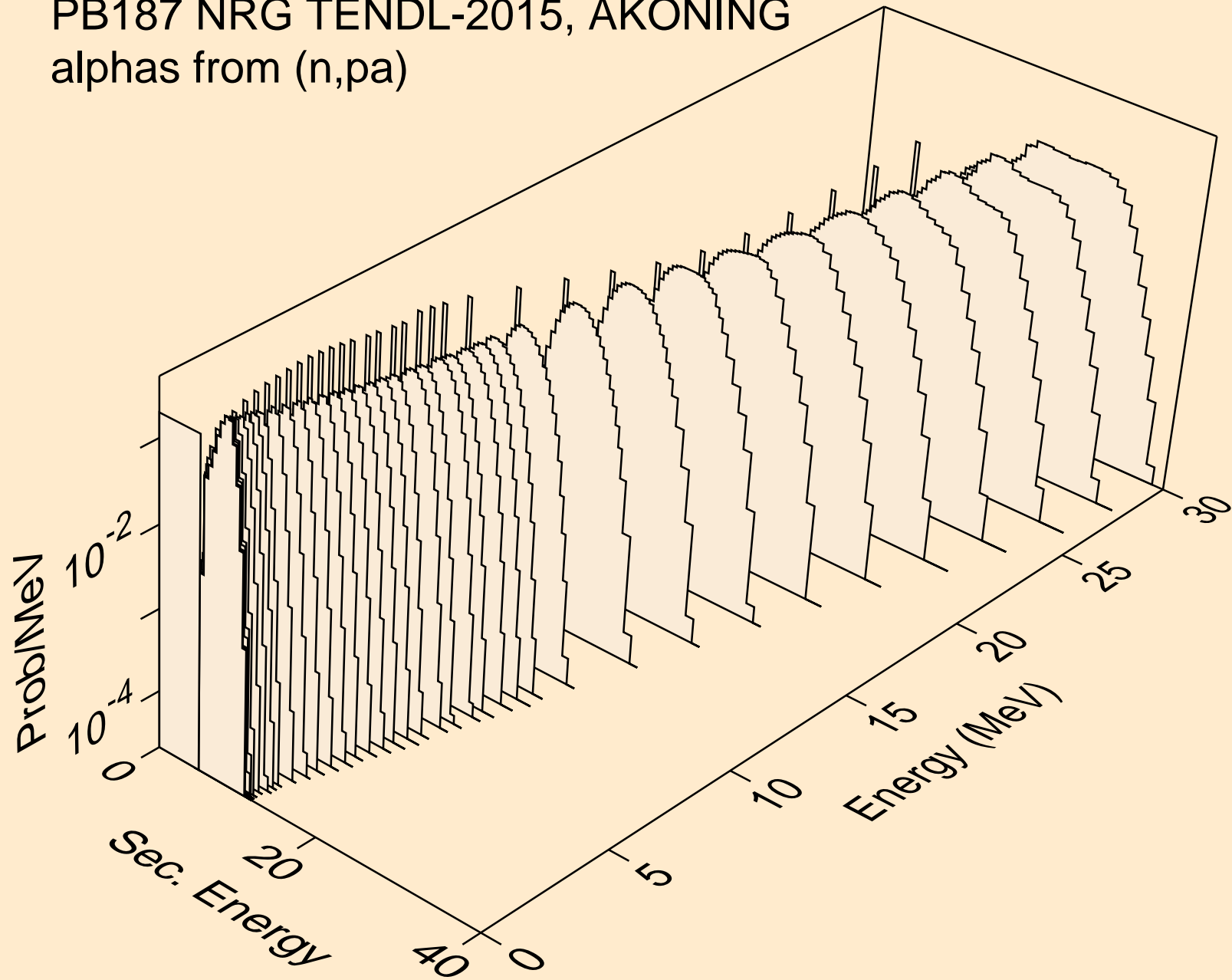
PB187 NRG TENDL-2015, AKONING  
alphas from (n,2a)



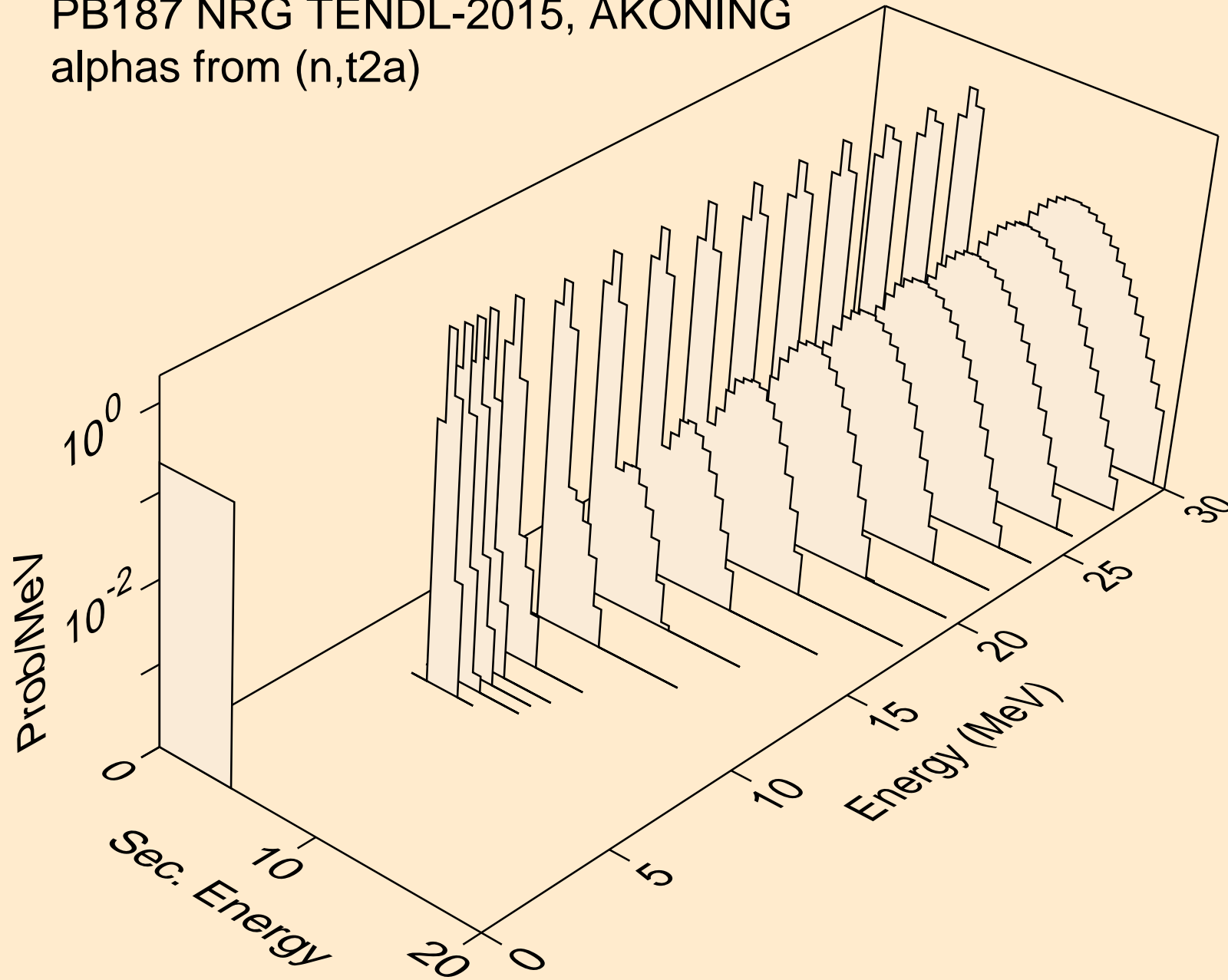
PB187 NRG TENDL-2015, AKONING  
alphas from (n,3a)



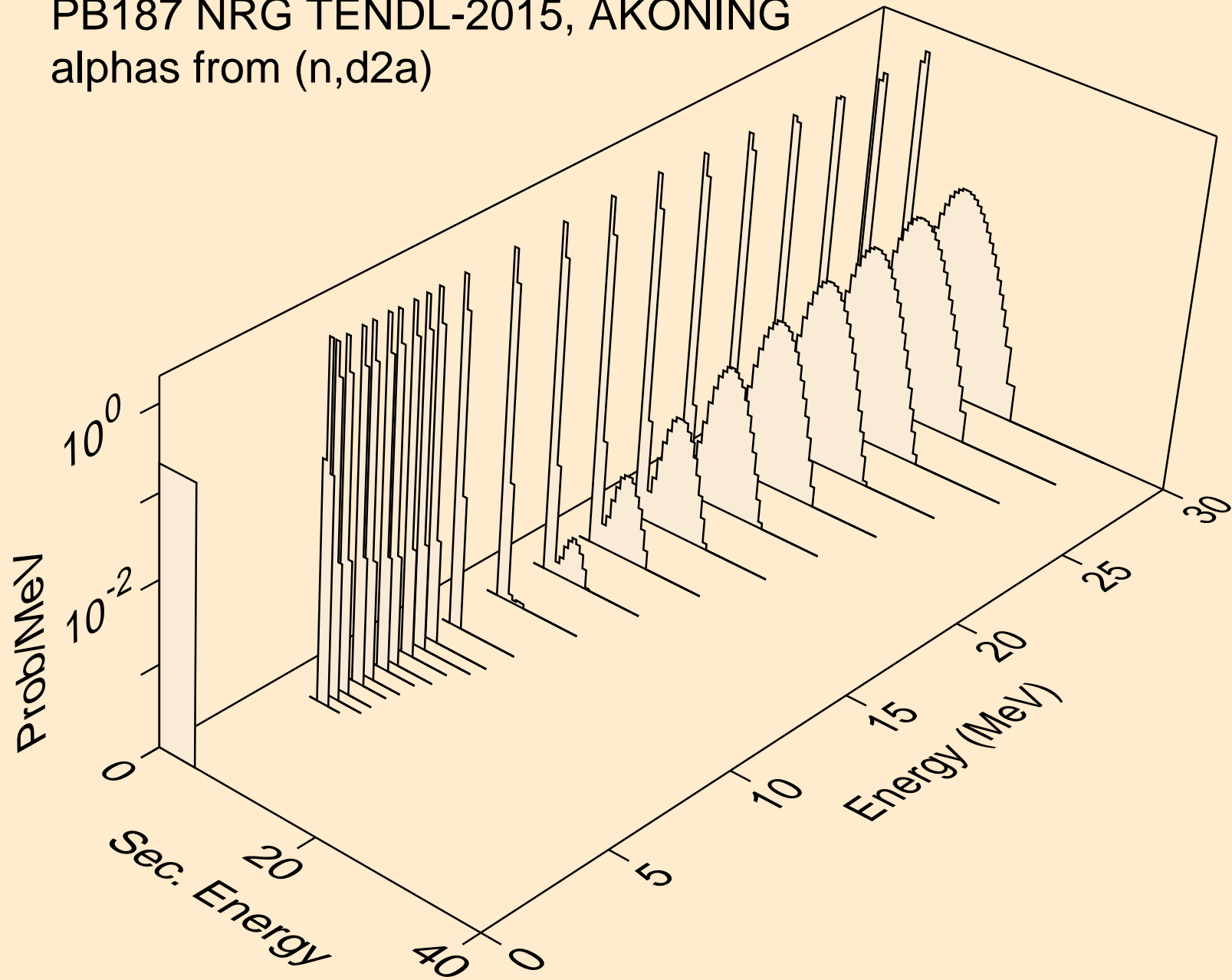
PB187 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PB187 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PB187 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



PB187 NRG TENDL-2015, AKONING  
alphas from (n,da)

