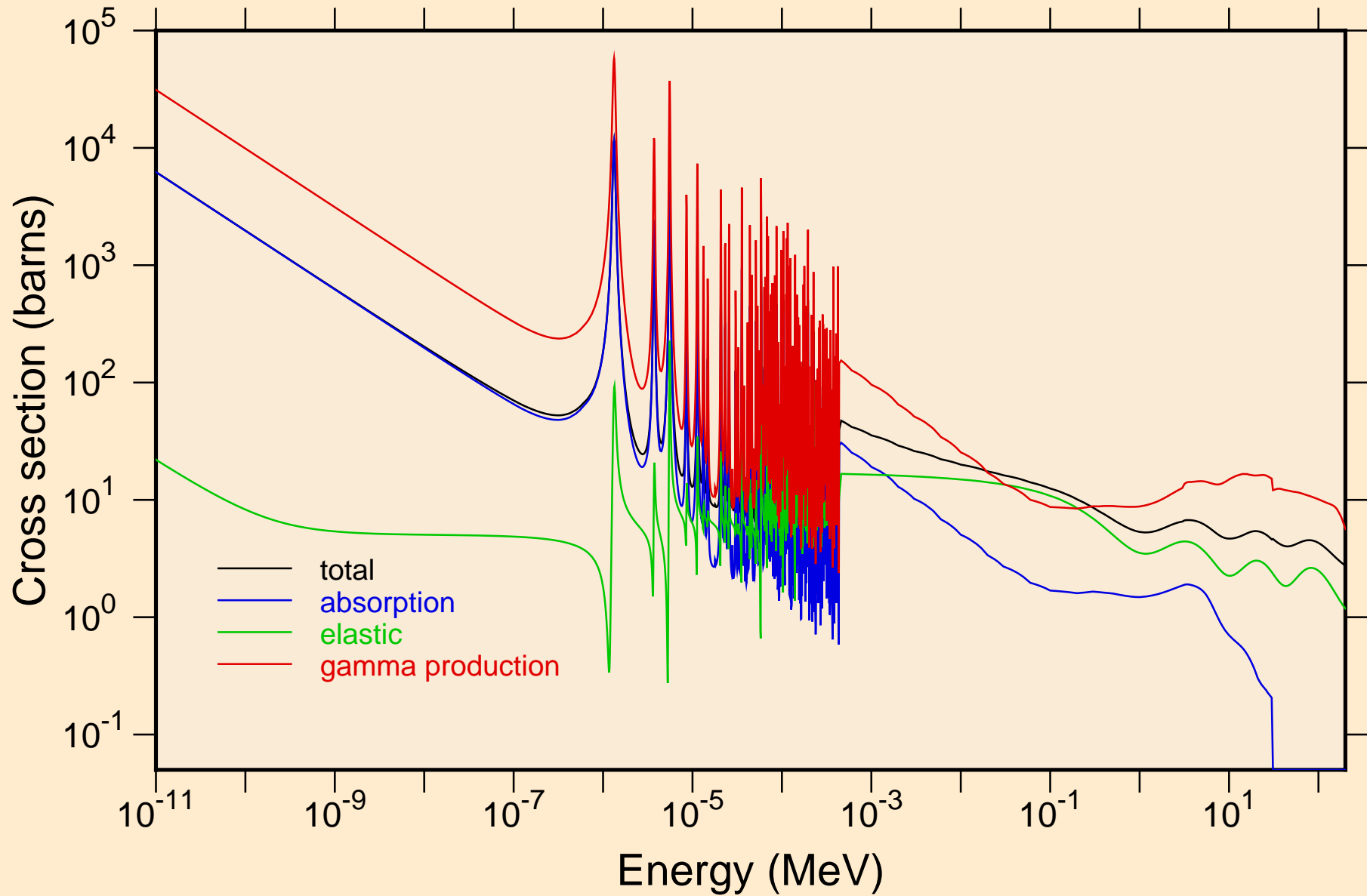
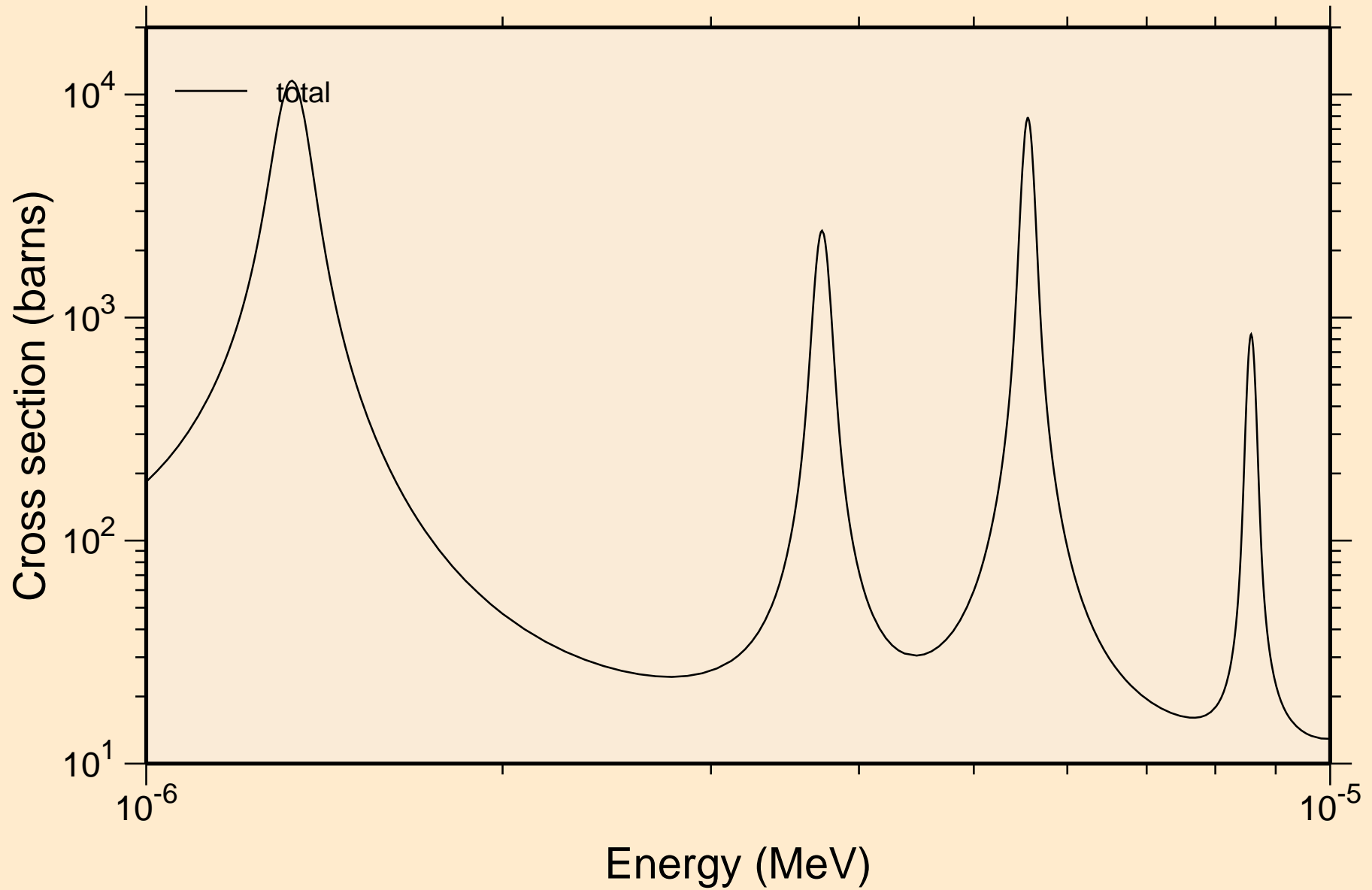


# HG182 NRG TENDL-2015, AKONING

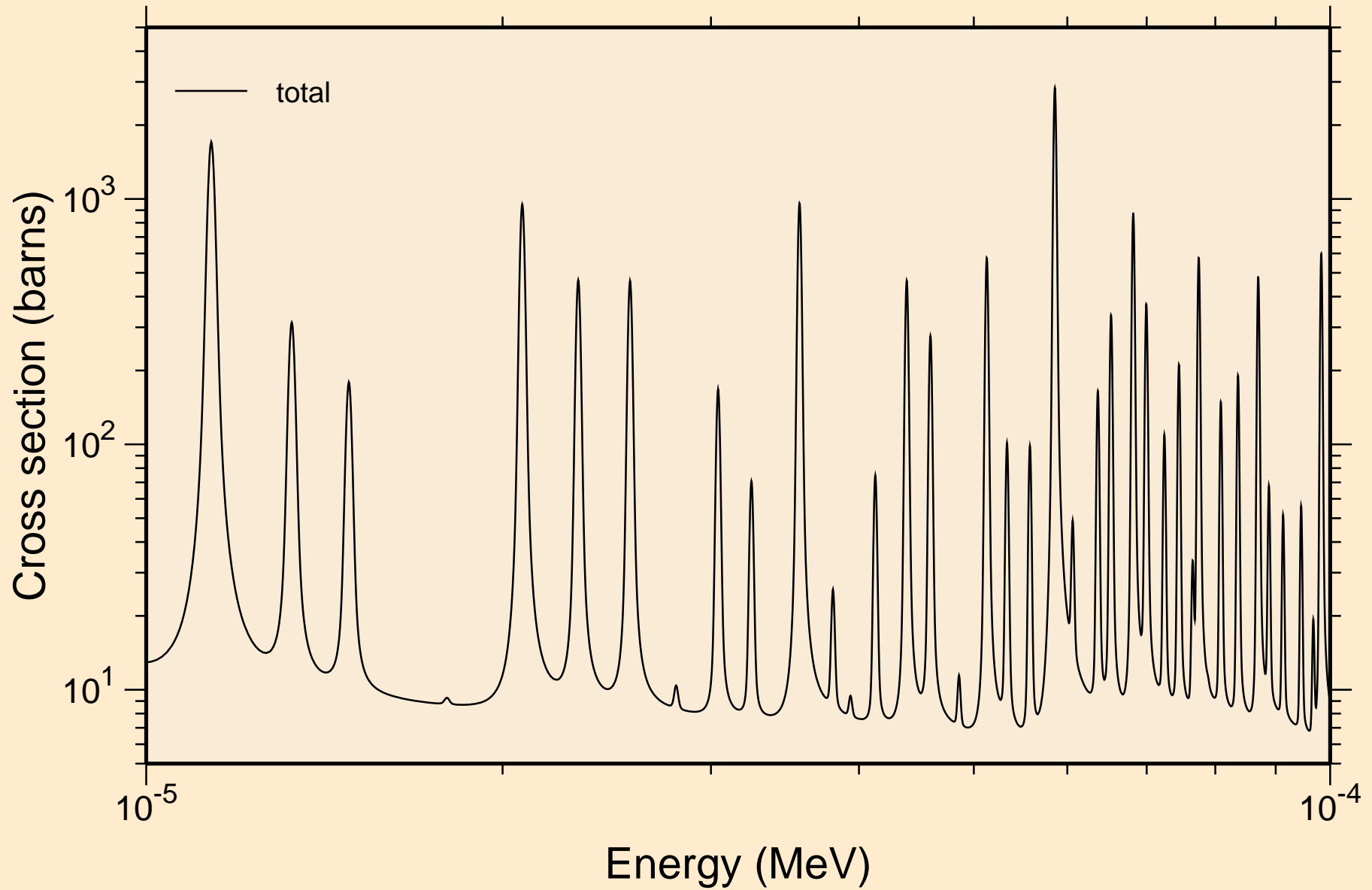
## Principal cross sections



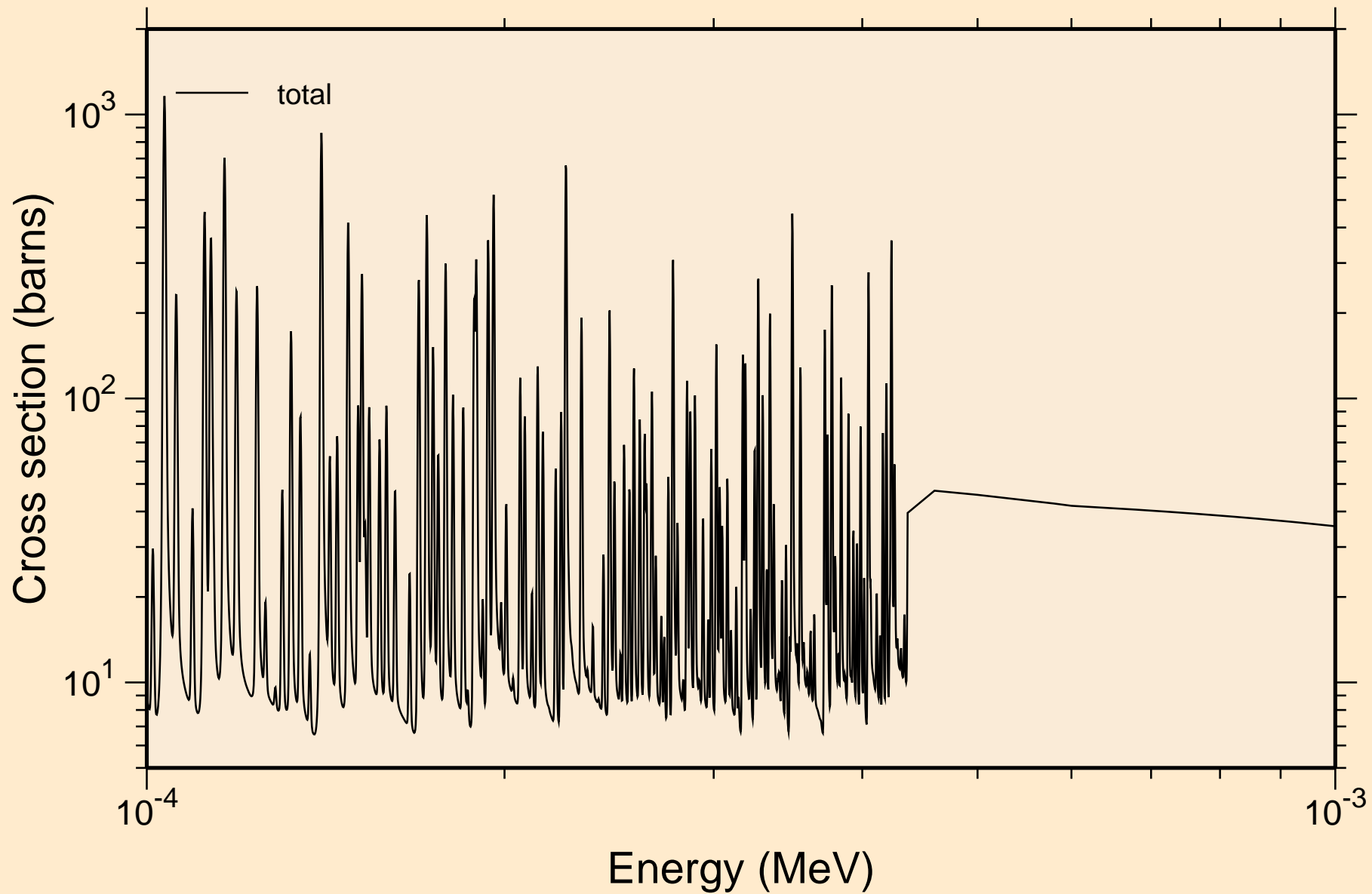
HG182 NRG TENDL-2015, AKONING  
resonance total cross section



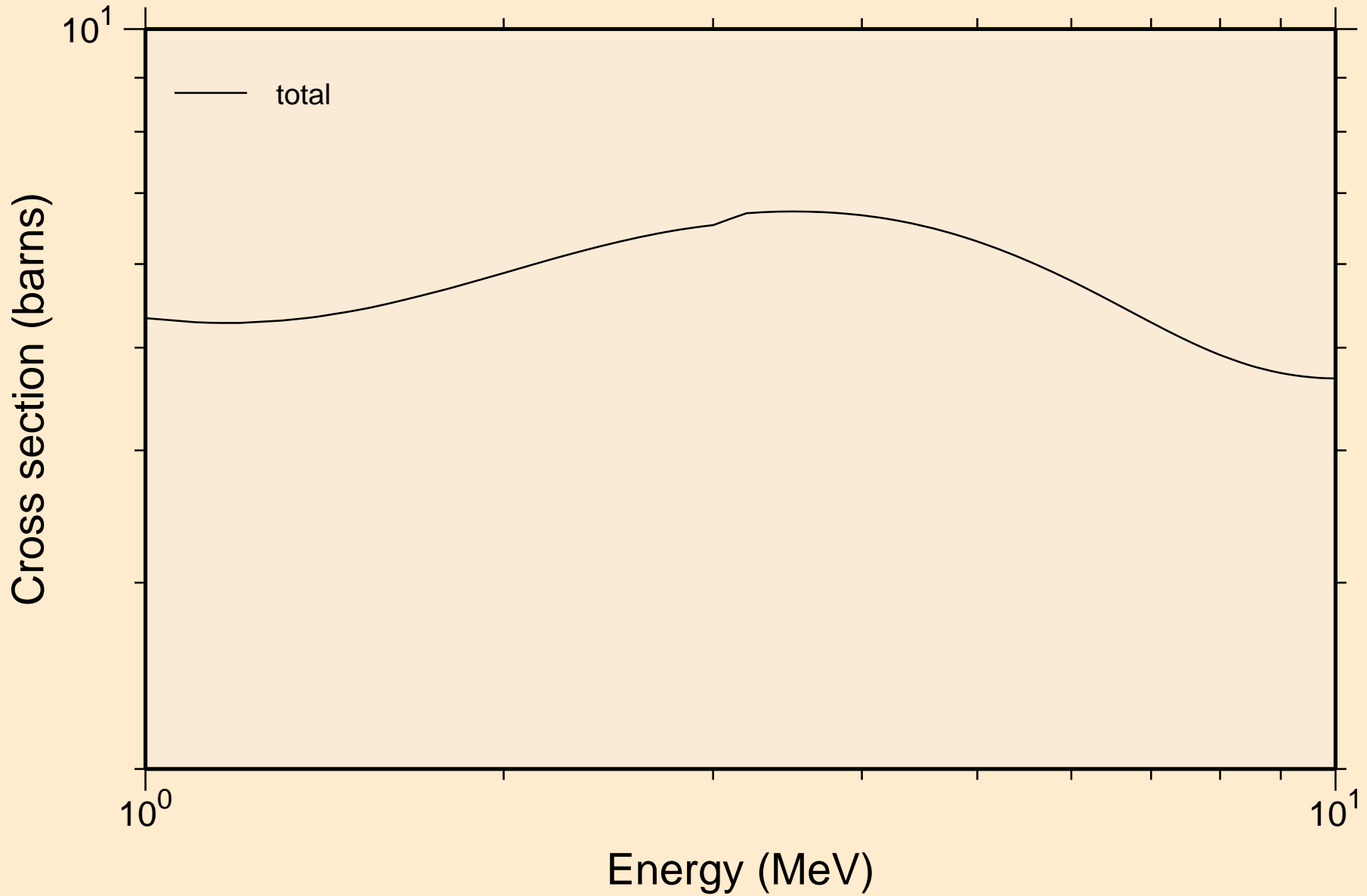
HG182 NRG TENDL-2015, AKONING  
resonance total cross section



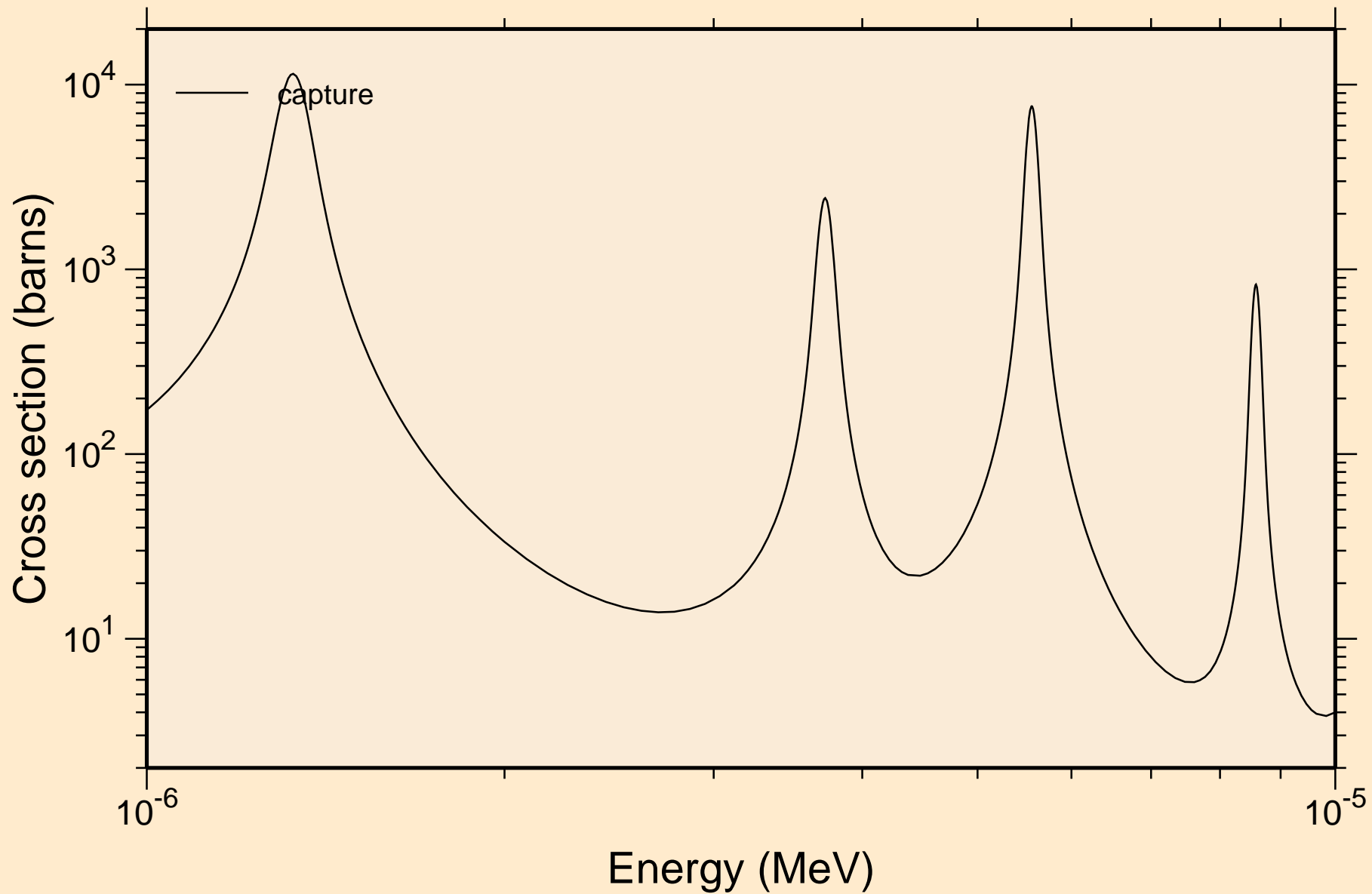
HG182 NRG TENDL-2015, AKONING  
resonance total cross section



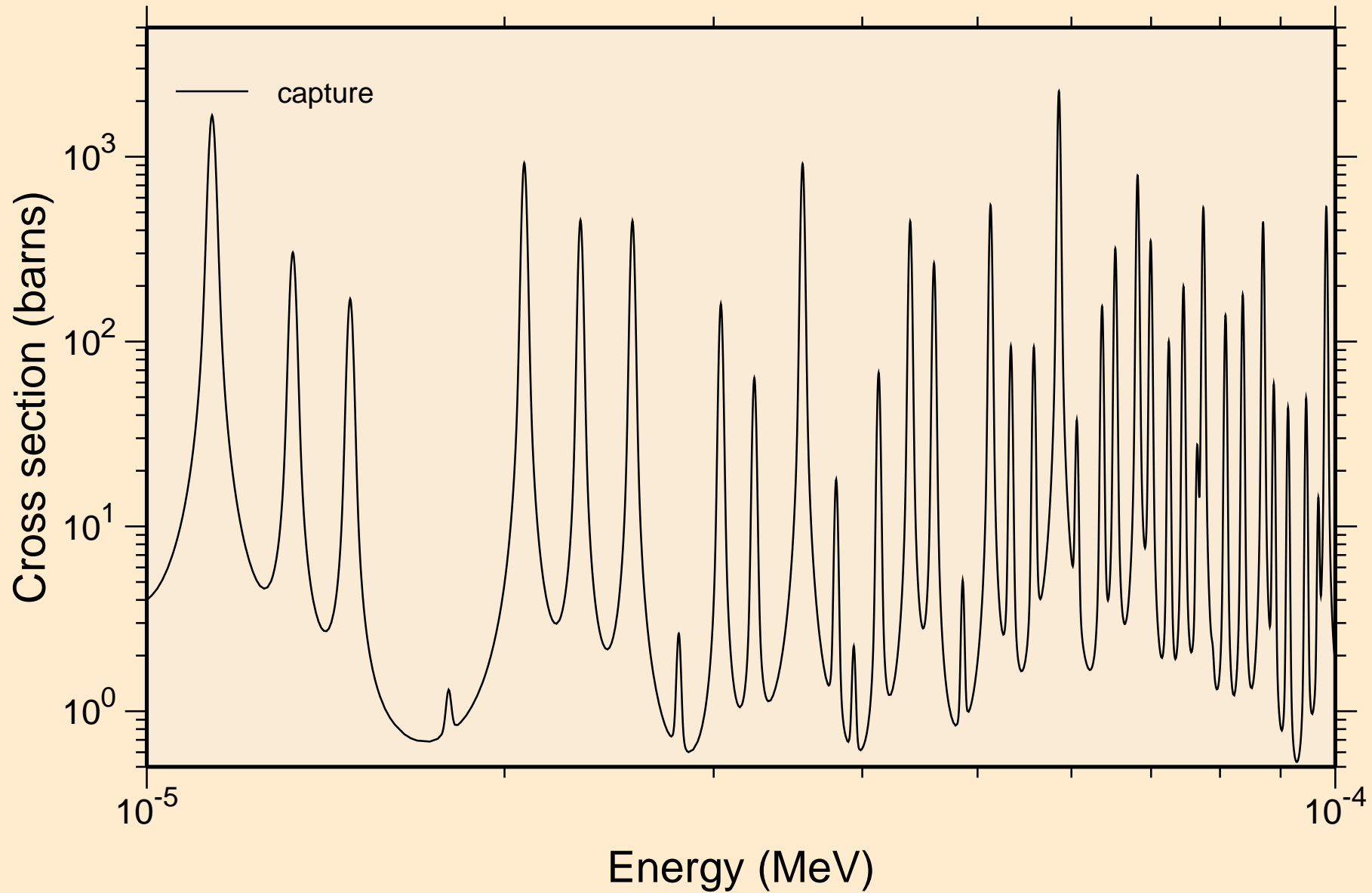
HG182 NRG TENDL-2015, AKONING  
resonance total cross section



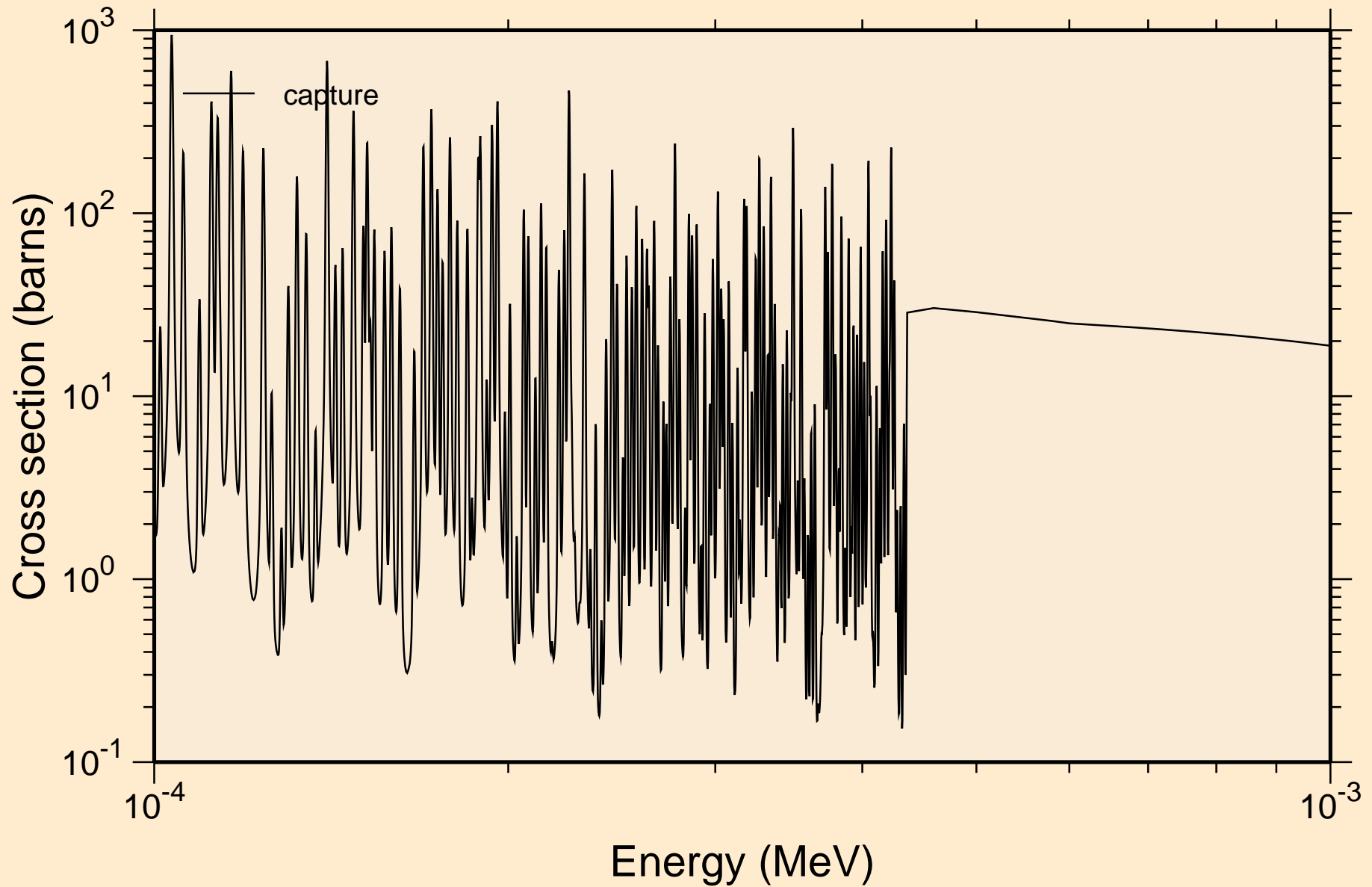
HG182 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# HG182 NRG TENDL-2015, AKONING resonance absorption cross sections

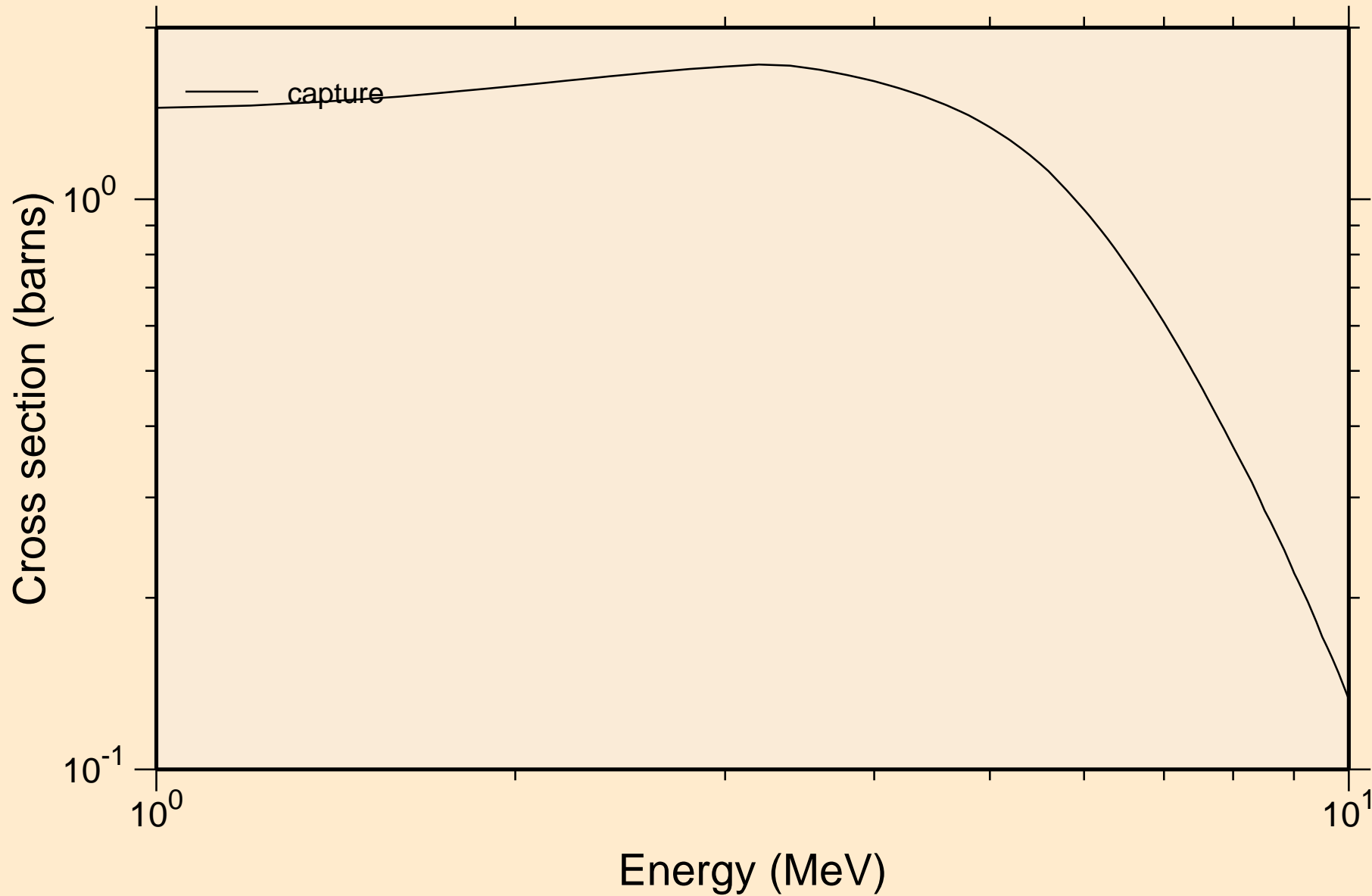


# HG182 NRG TENDL-2015, AKONING resonance absorption cross sections



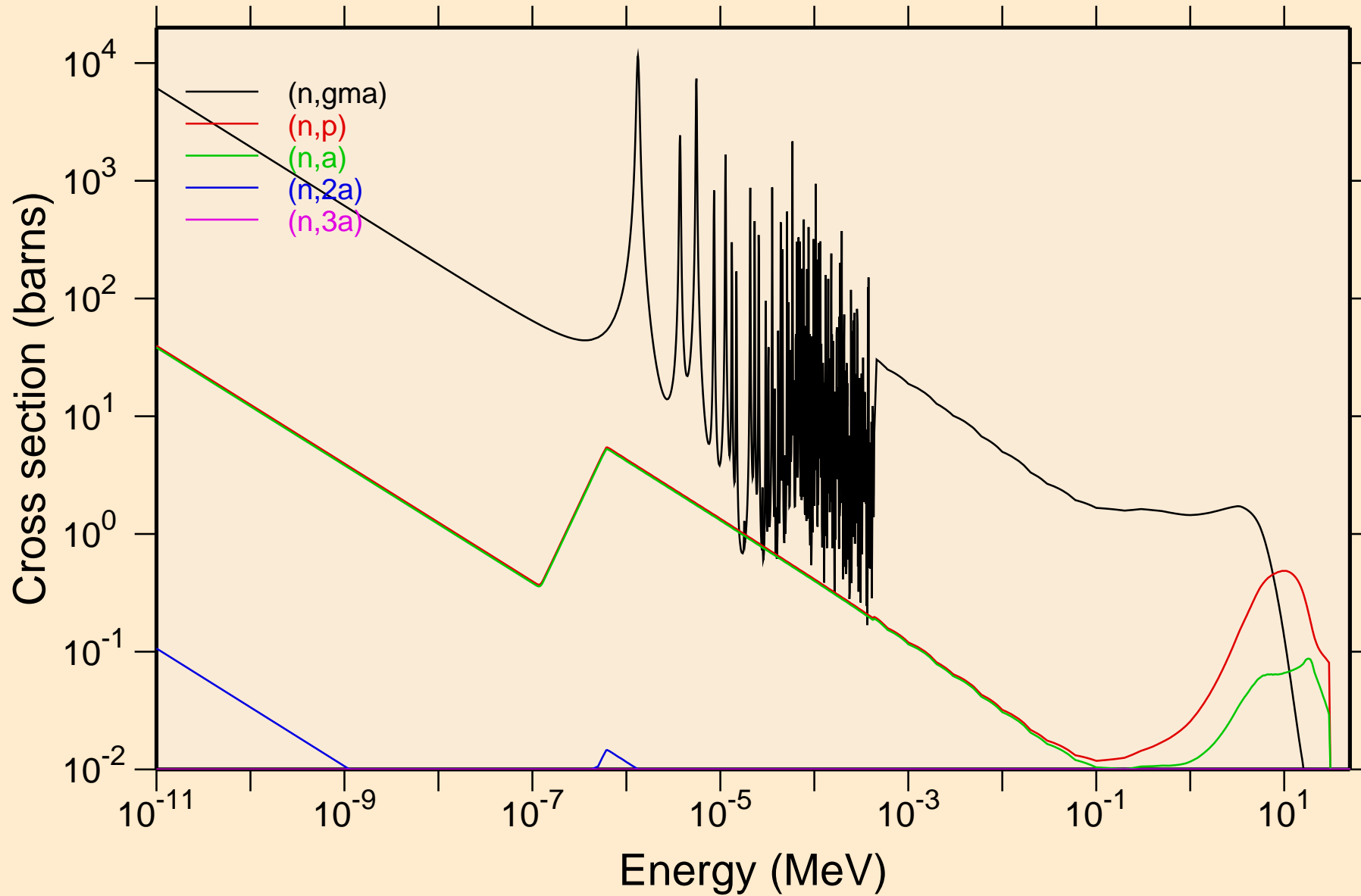


HG182 NRG TENDL-2015, AKONING  
resonance absorption cross sections



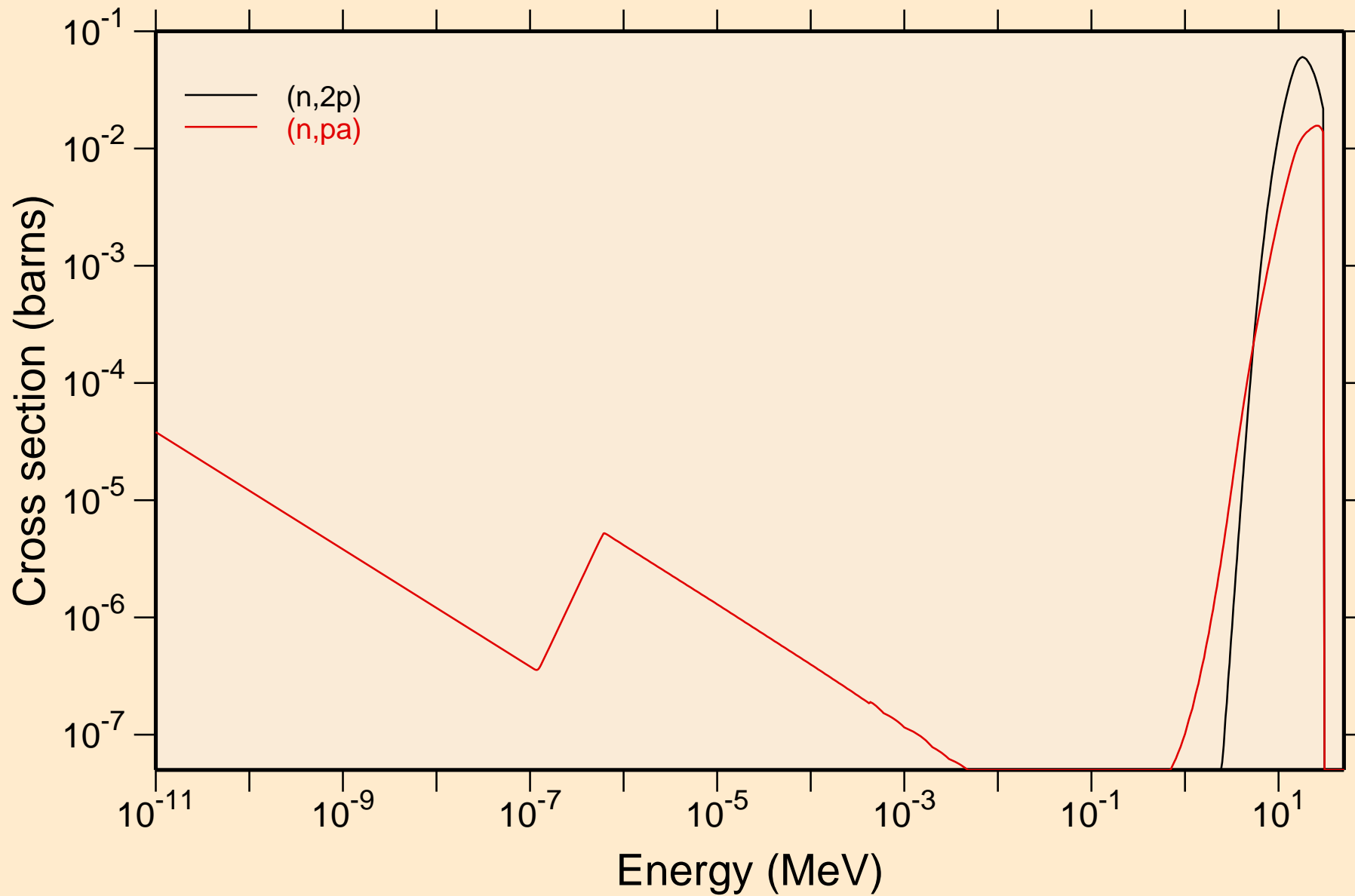
# HG182 NRG TENDL-2015, AKONING

## Non-threshold reactions



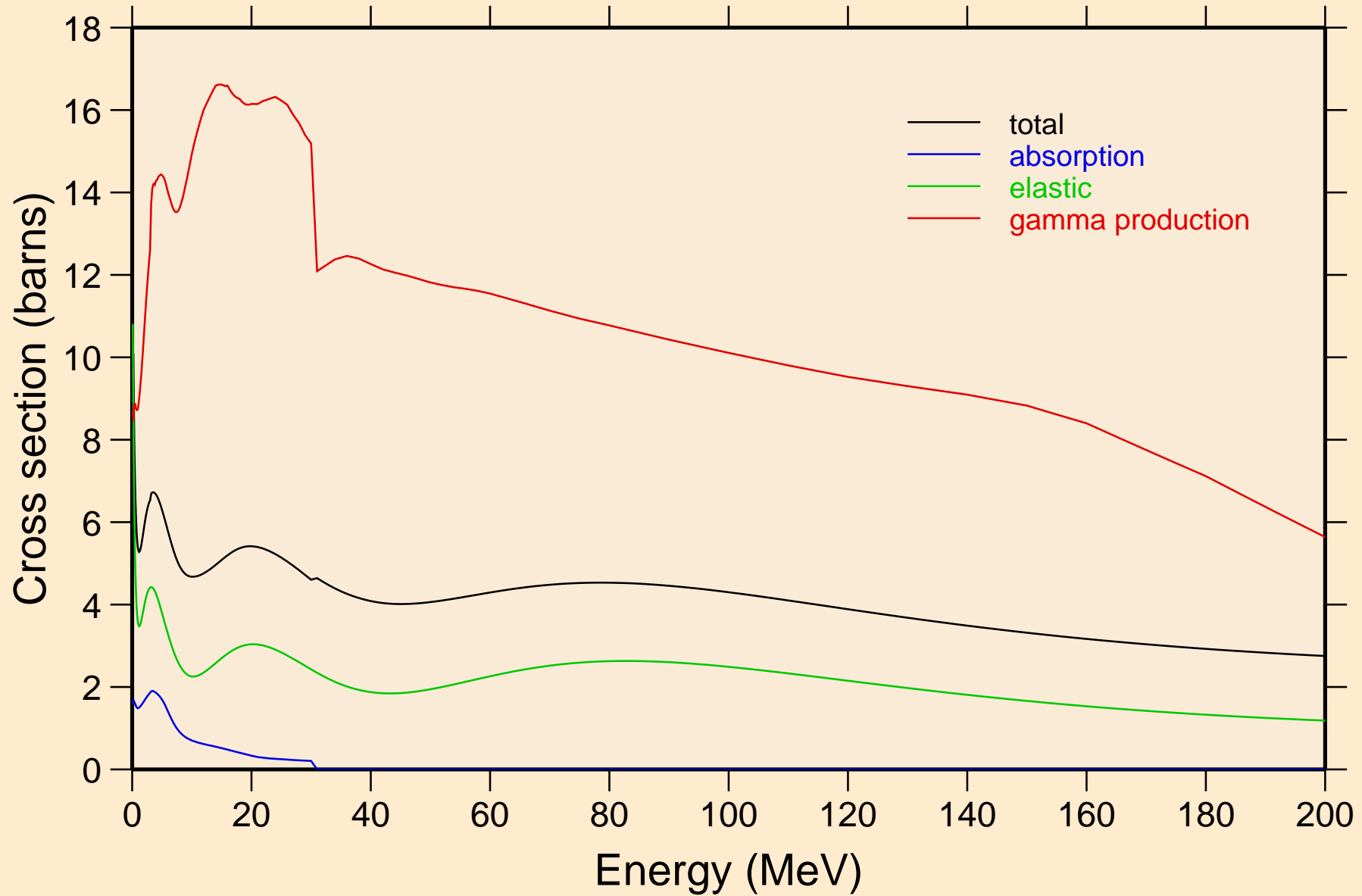
# HG182 NRG TENDL-2015, AKONING

## Non-threshold reactions



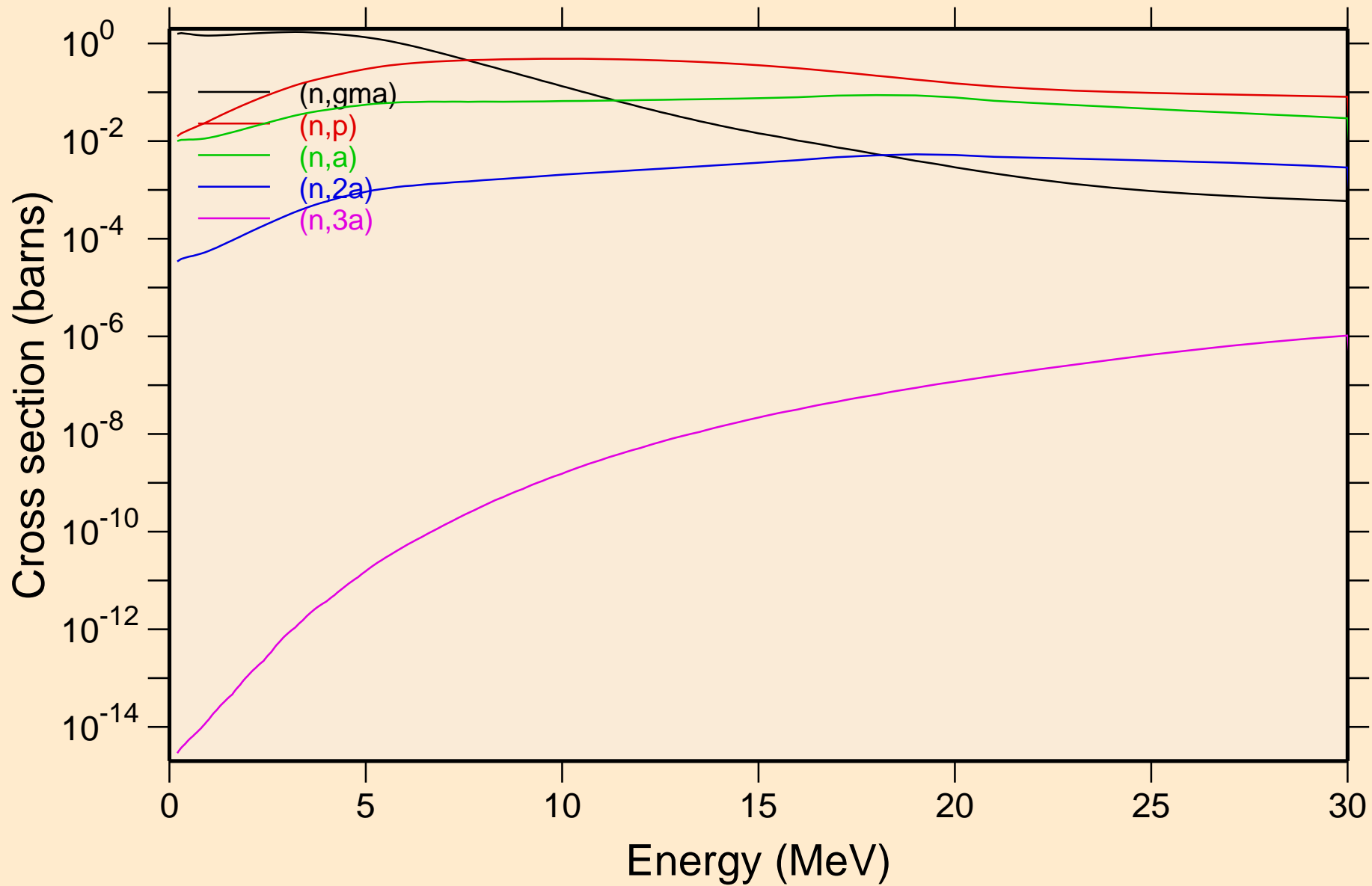
# HG182 NRG TENDL-2015, AKONING

## Principal cross sections



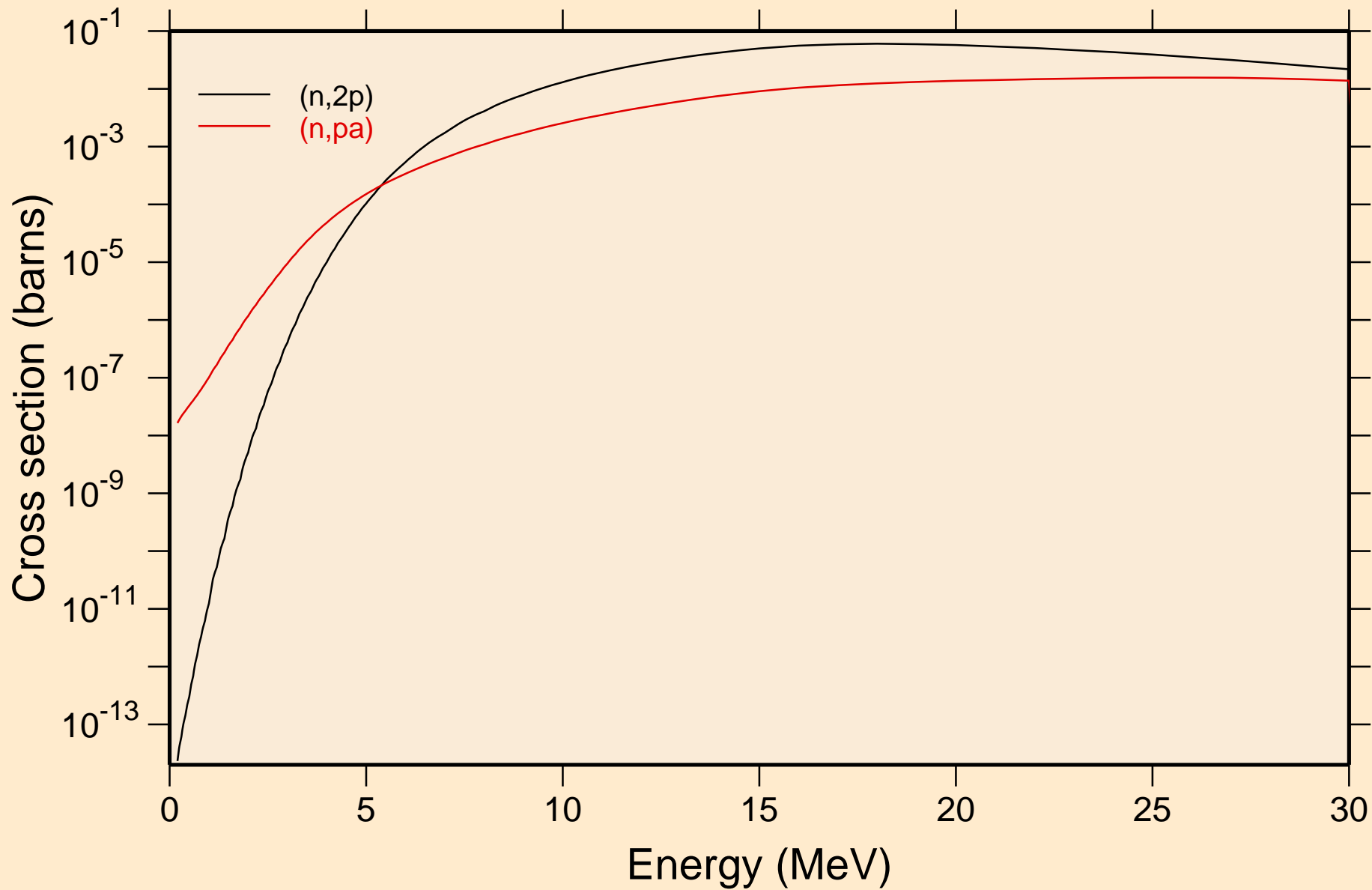
# HG182 NRG TENDL-2015, AKONING

## Non-threshold reactions



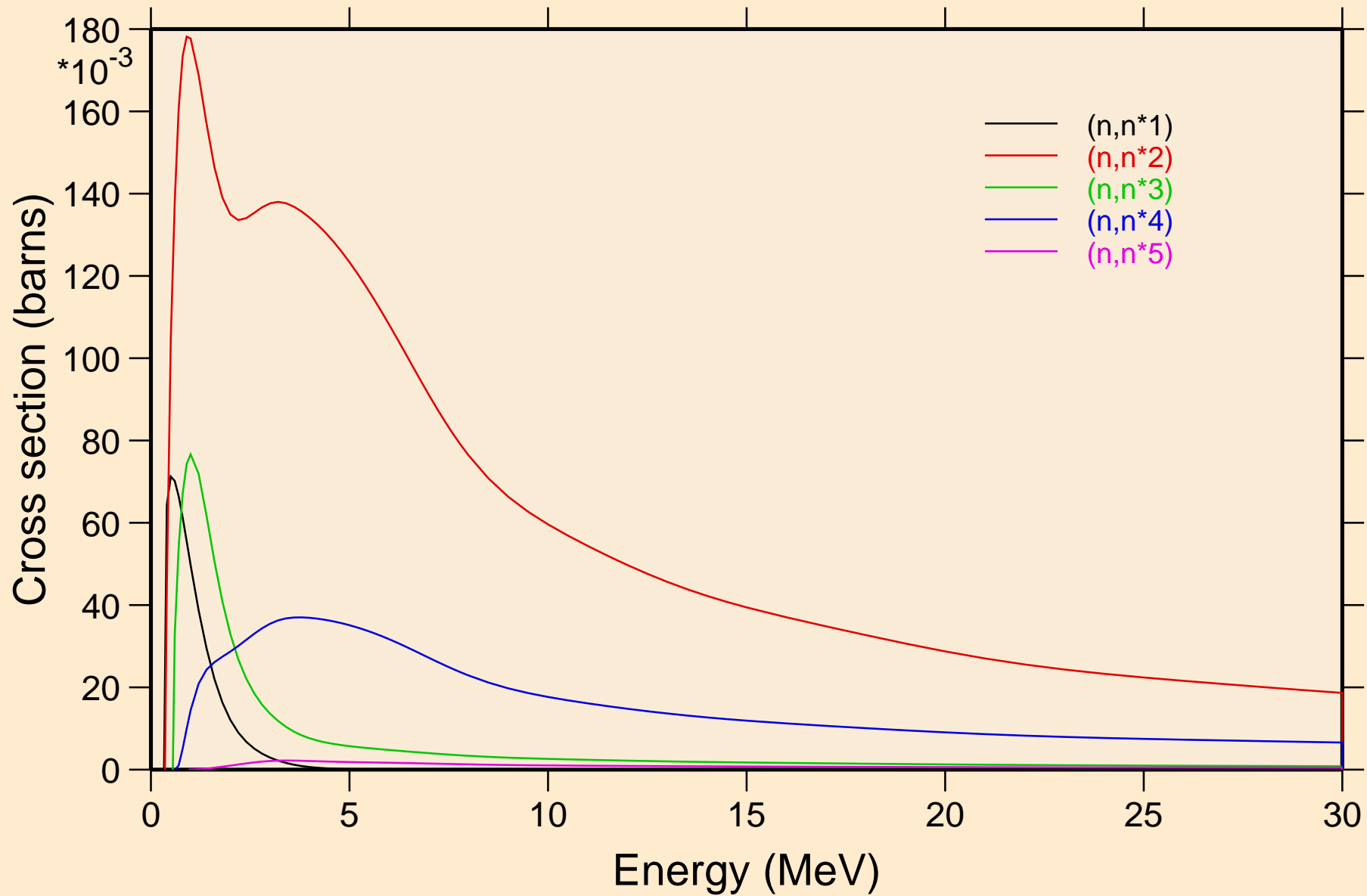
# HG182 NRG TENDL-2015, AKONING

## Non-threshold reactions



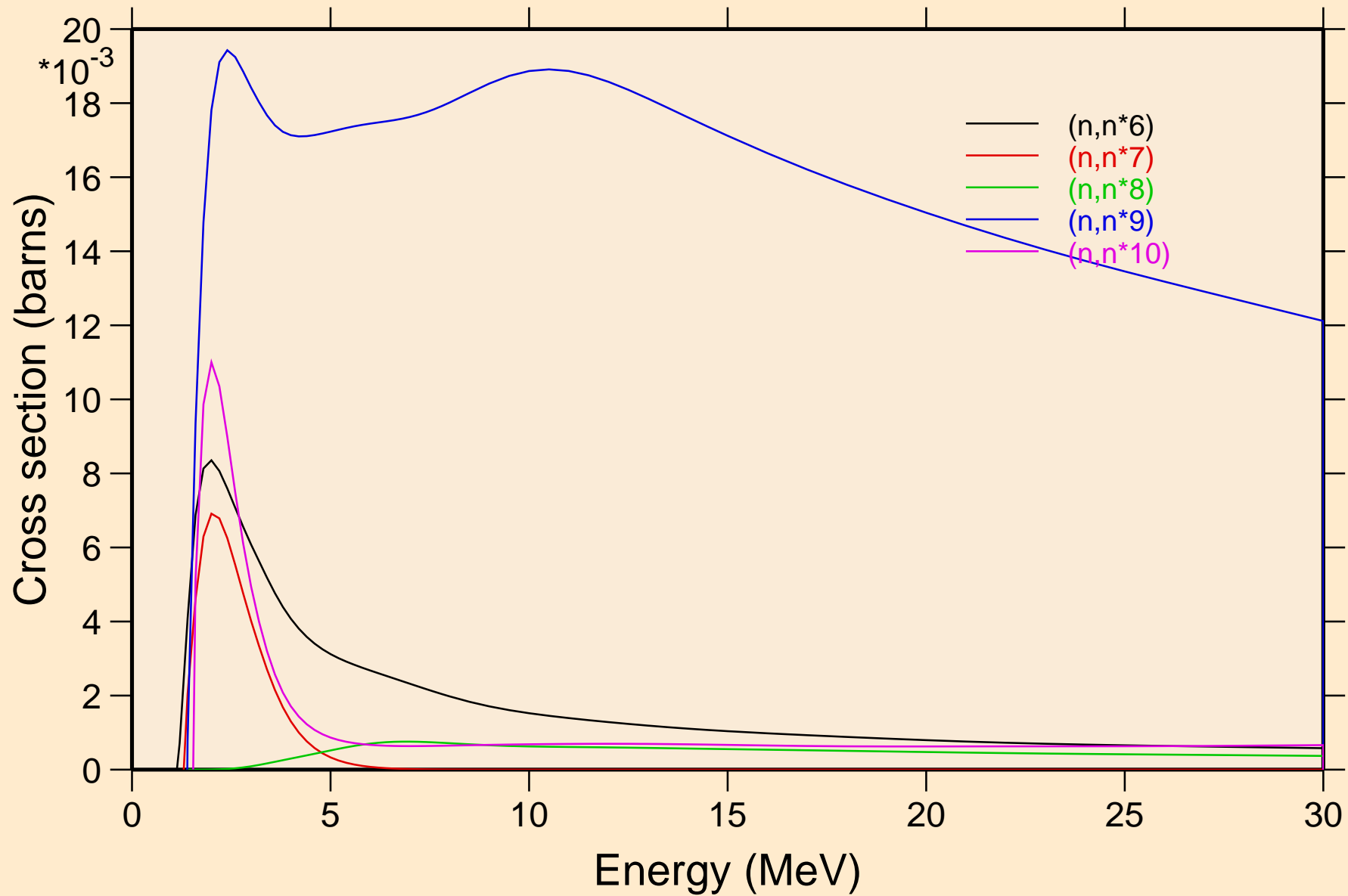
# HG182 NRG TENDL-2015, AKONING

## Inelastic levels



# HG182 NRG TENDL-2015, AKONING

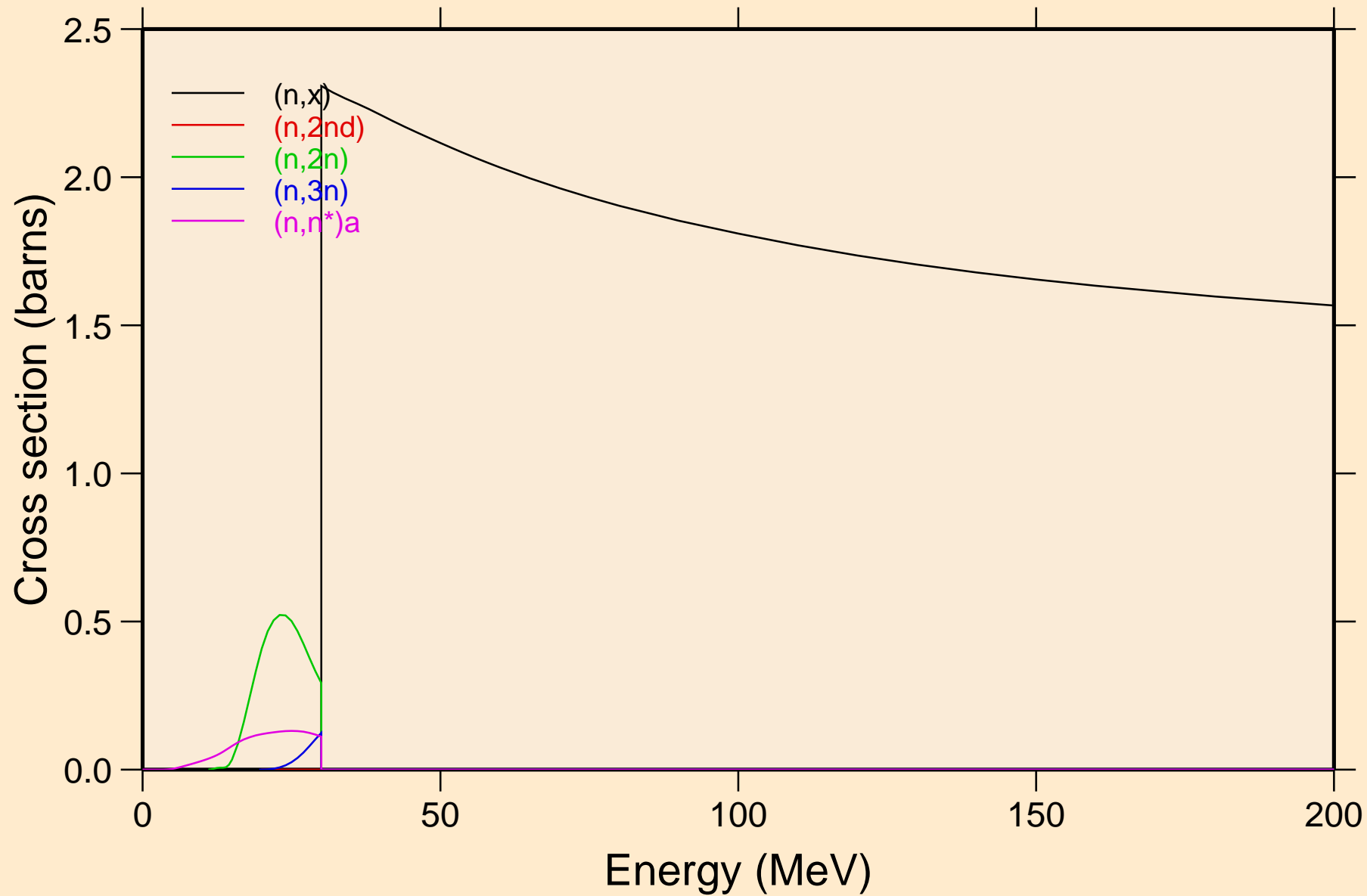
## Inelastic levels





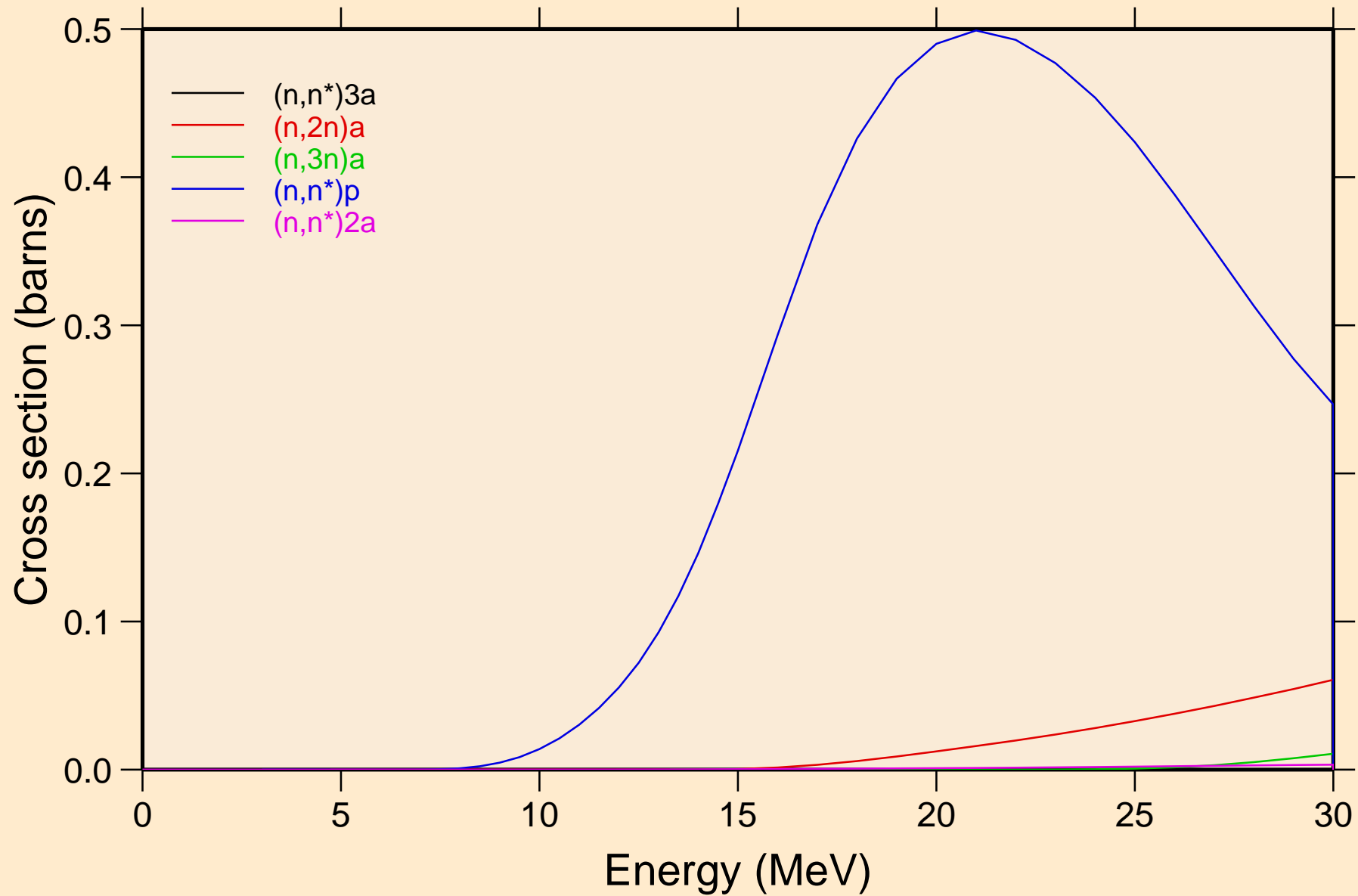
# HG182 NRG TENDL-2015, AKONING

## Threshold reactions



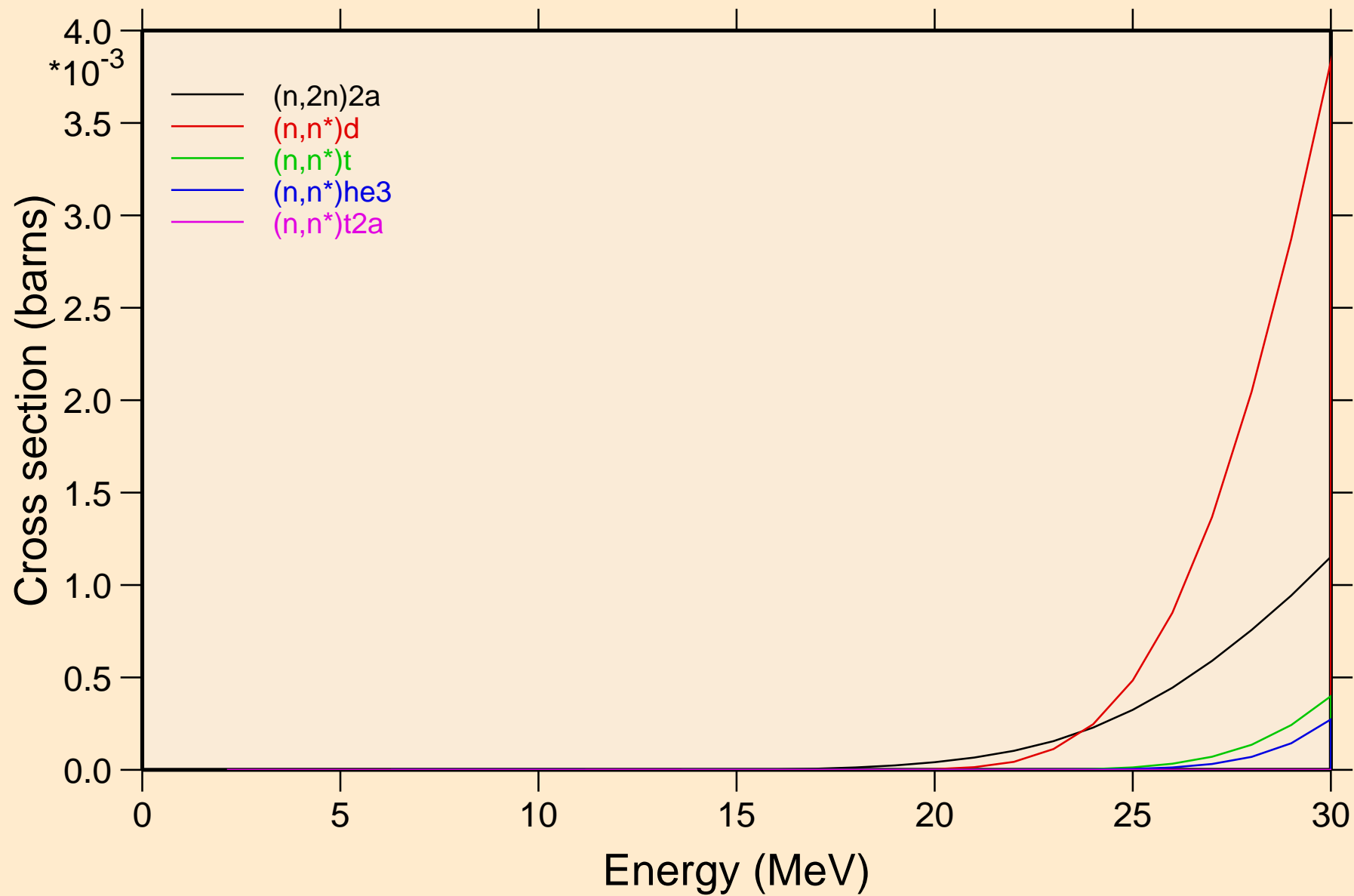
# HG182 NRG TENDL-2015, AKONING

## Threshold reactions



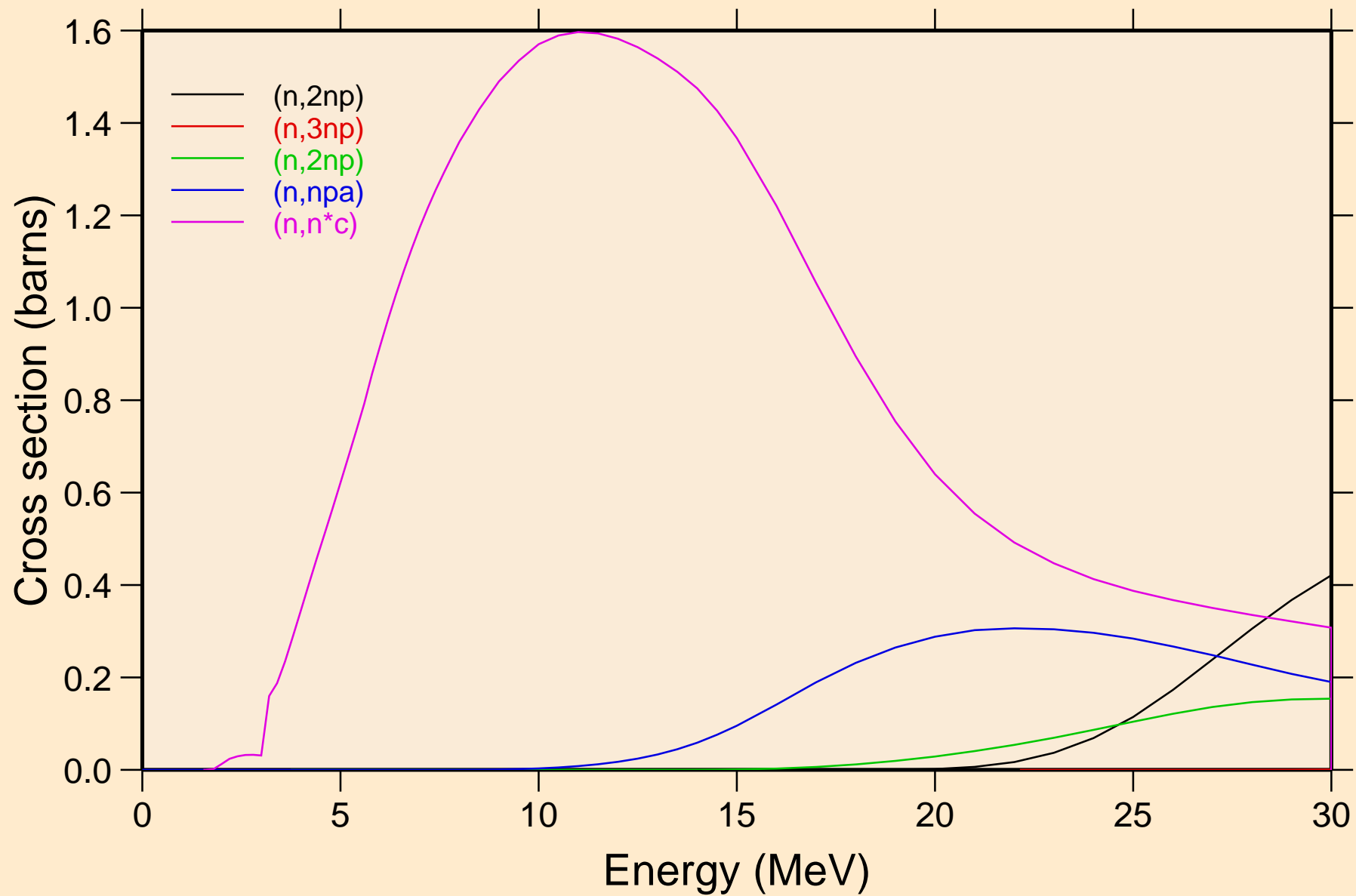
# HG182 NRG TENDL-2015, AKONING

## Threshold reactions



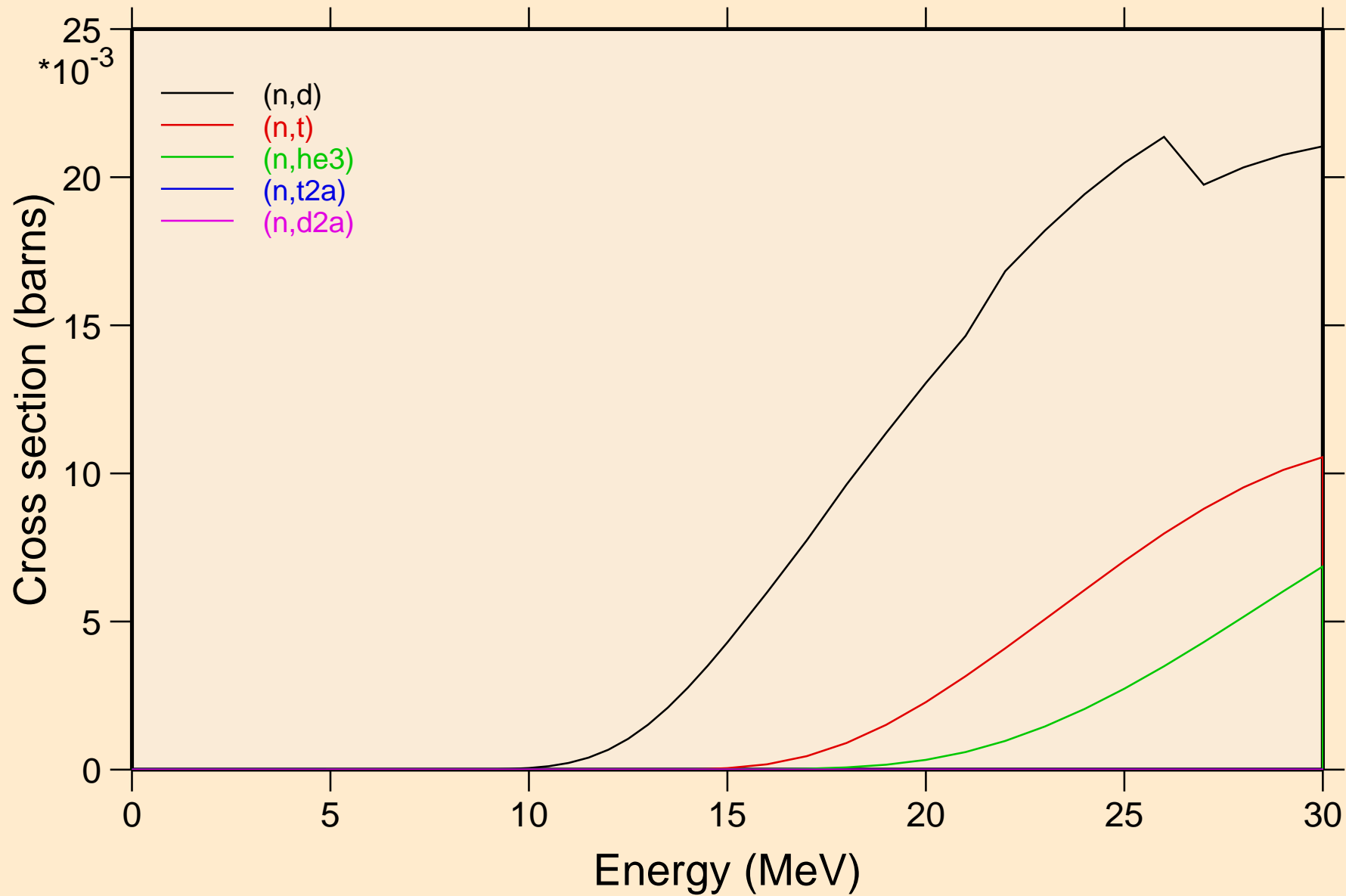
# HG182 NRG TENDL-2015, AKONING

## Threshold reactions



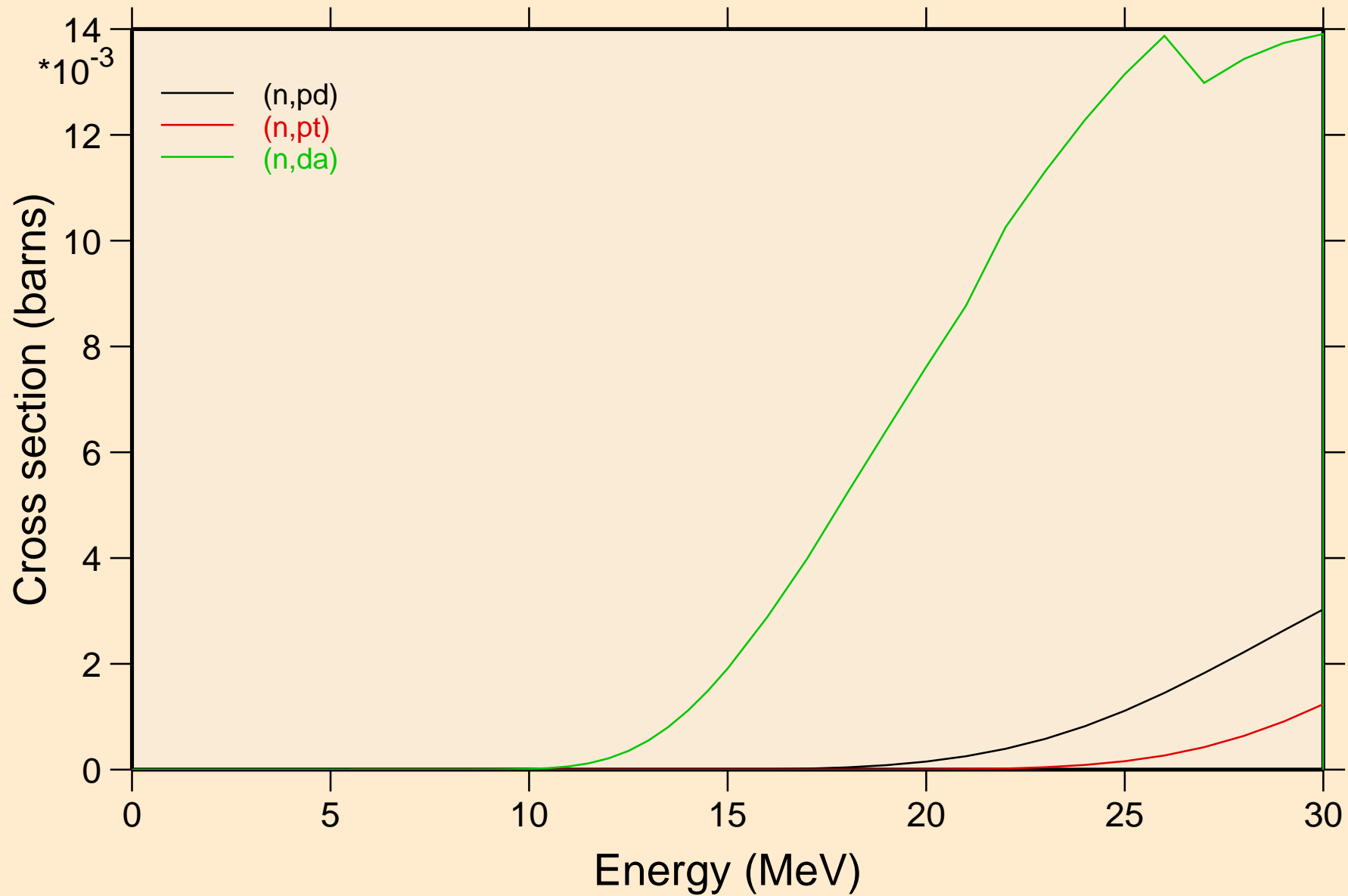
# HG182 NRG TENDL-2015, AKONING

## Threshold reactions

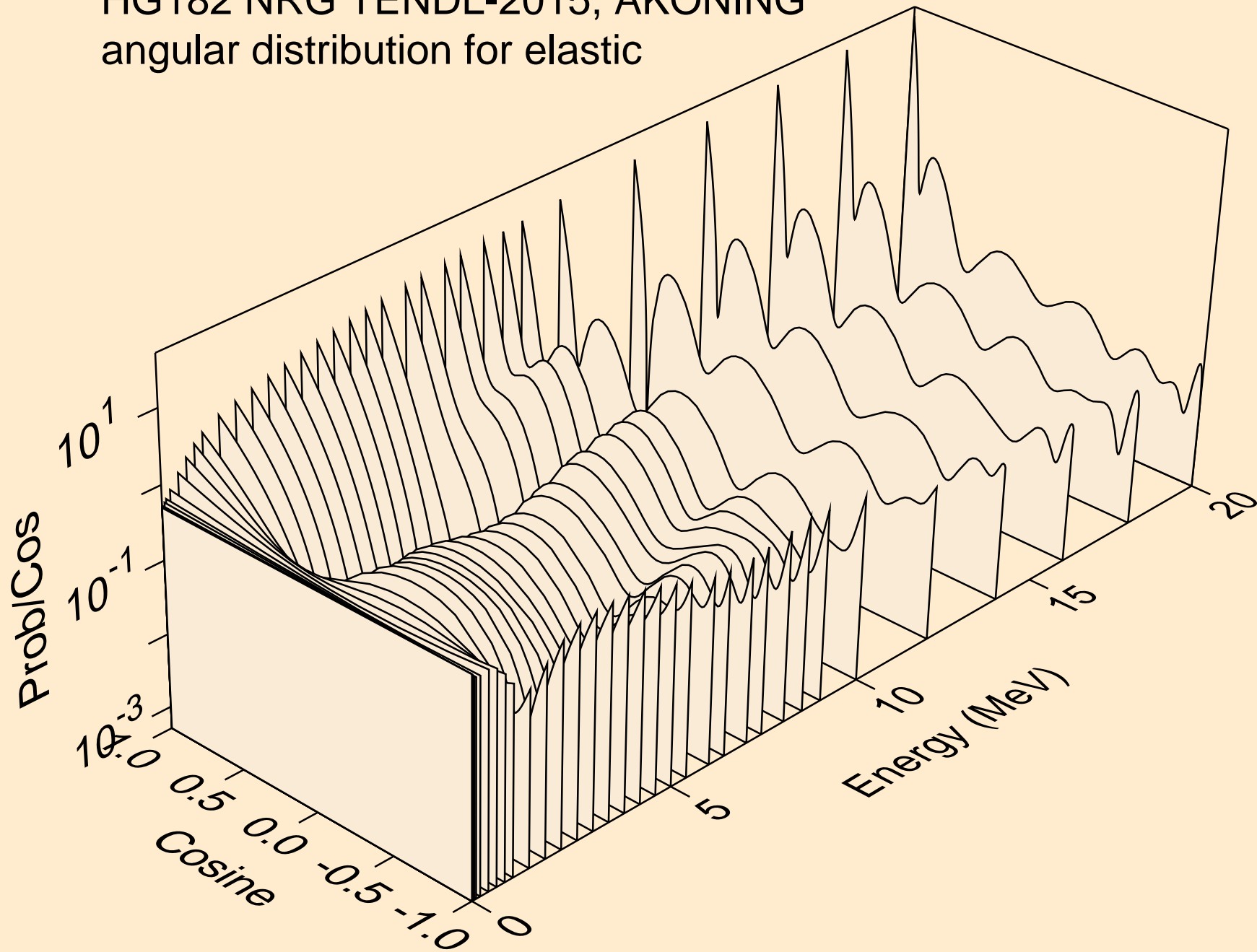


# HG182 NRG TENDL-2015, AKONING

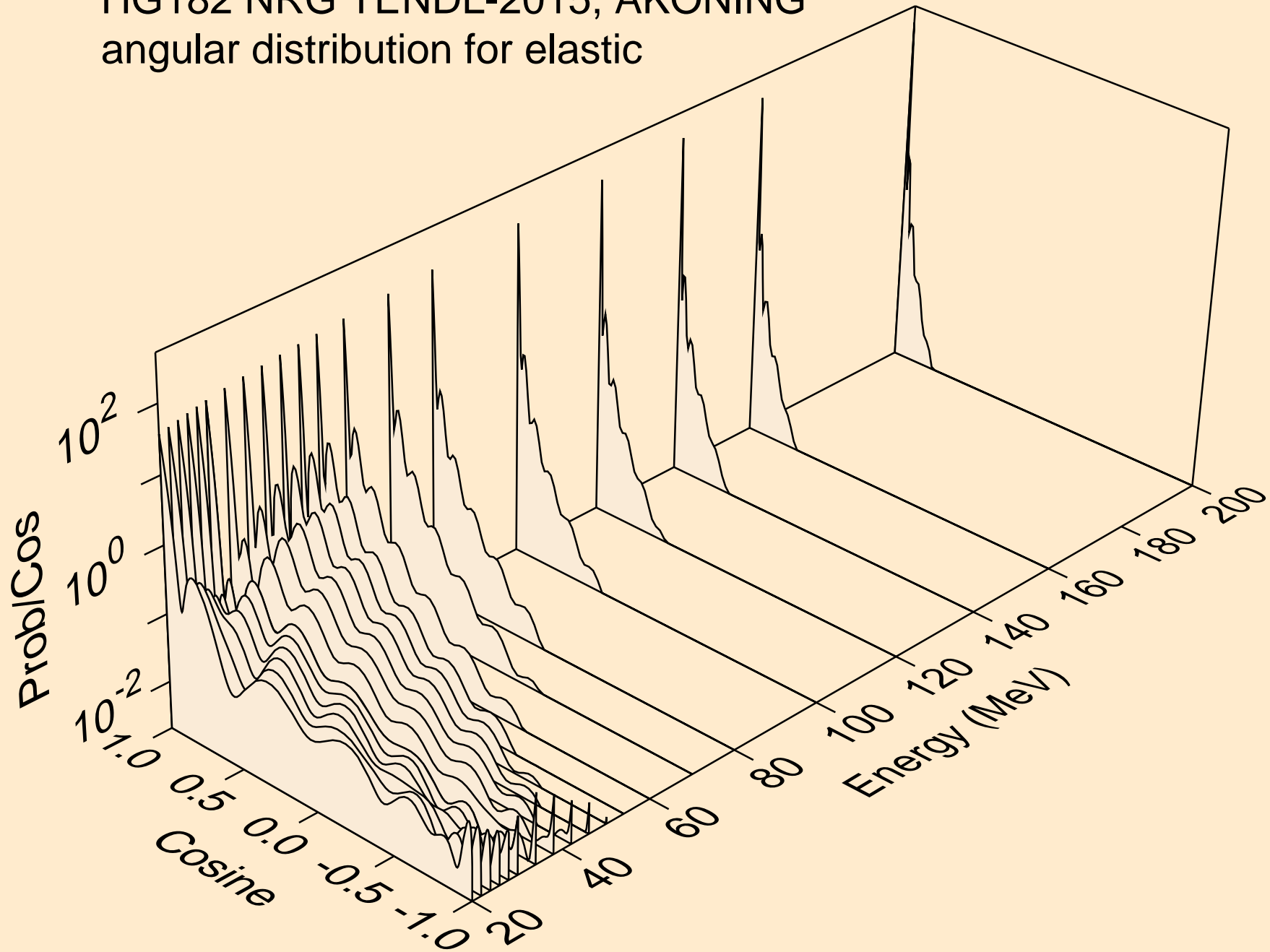
## Threshold reactions



HG182 NRG TENDL-2015, AKONING  
angular distribution for elastic

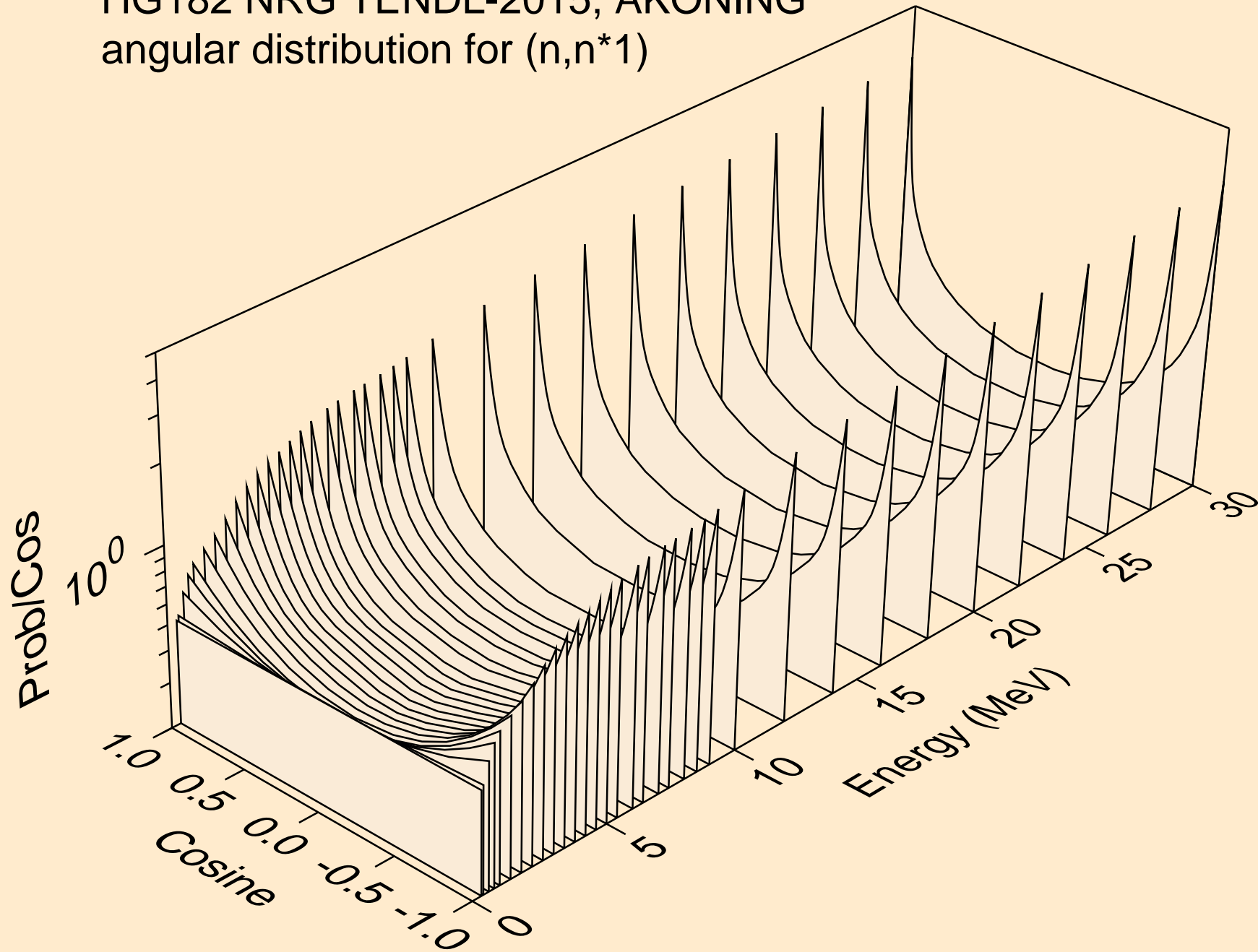


HG182 NRG TENDL-2015, AKONING  
angular distribution for elastic

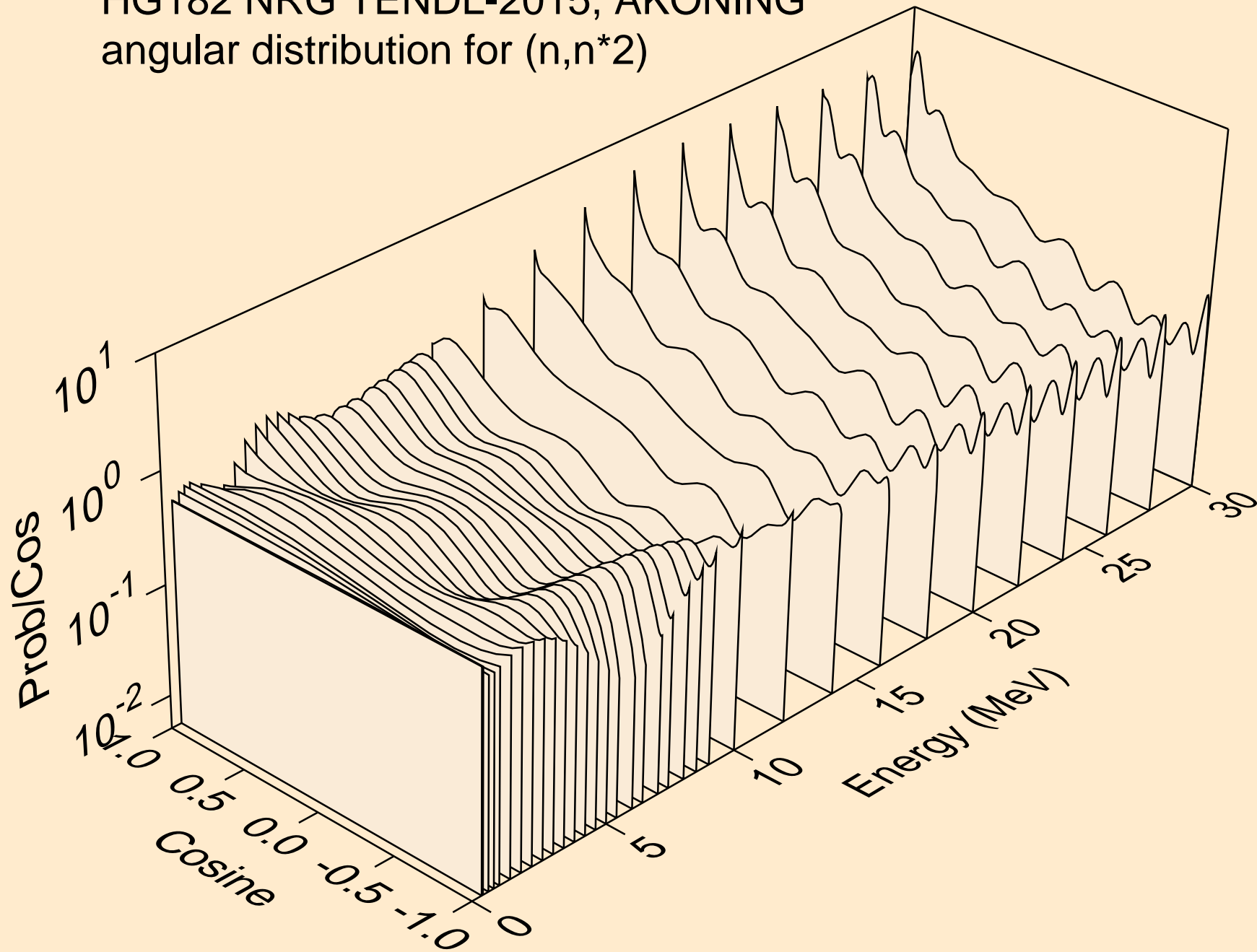




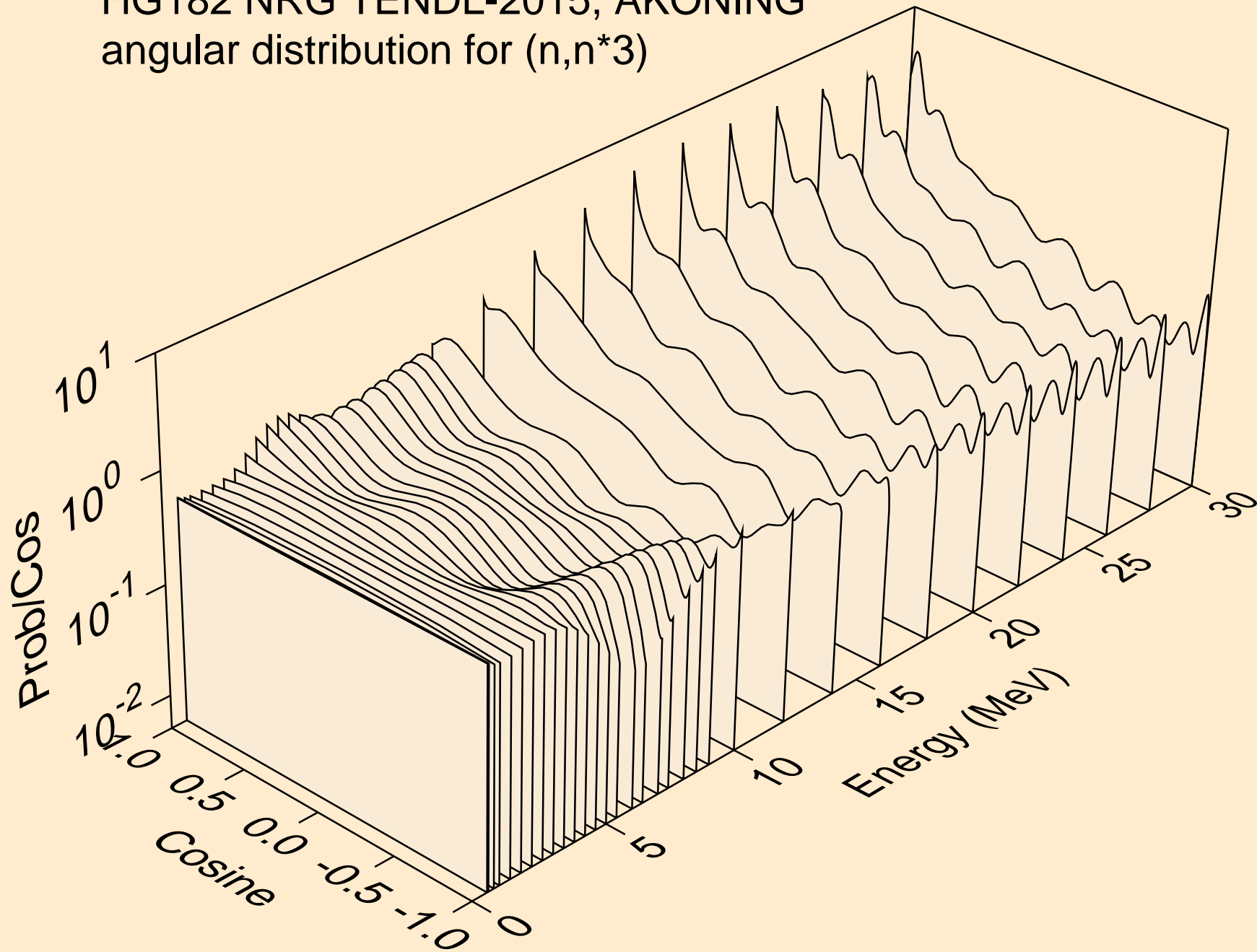
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



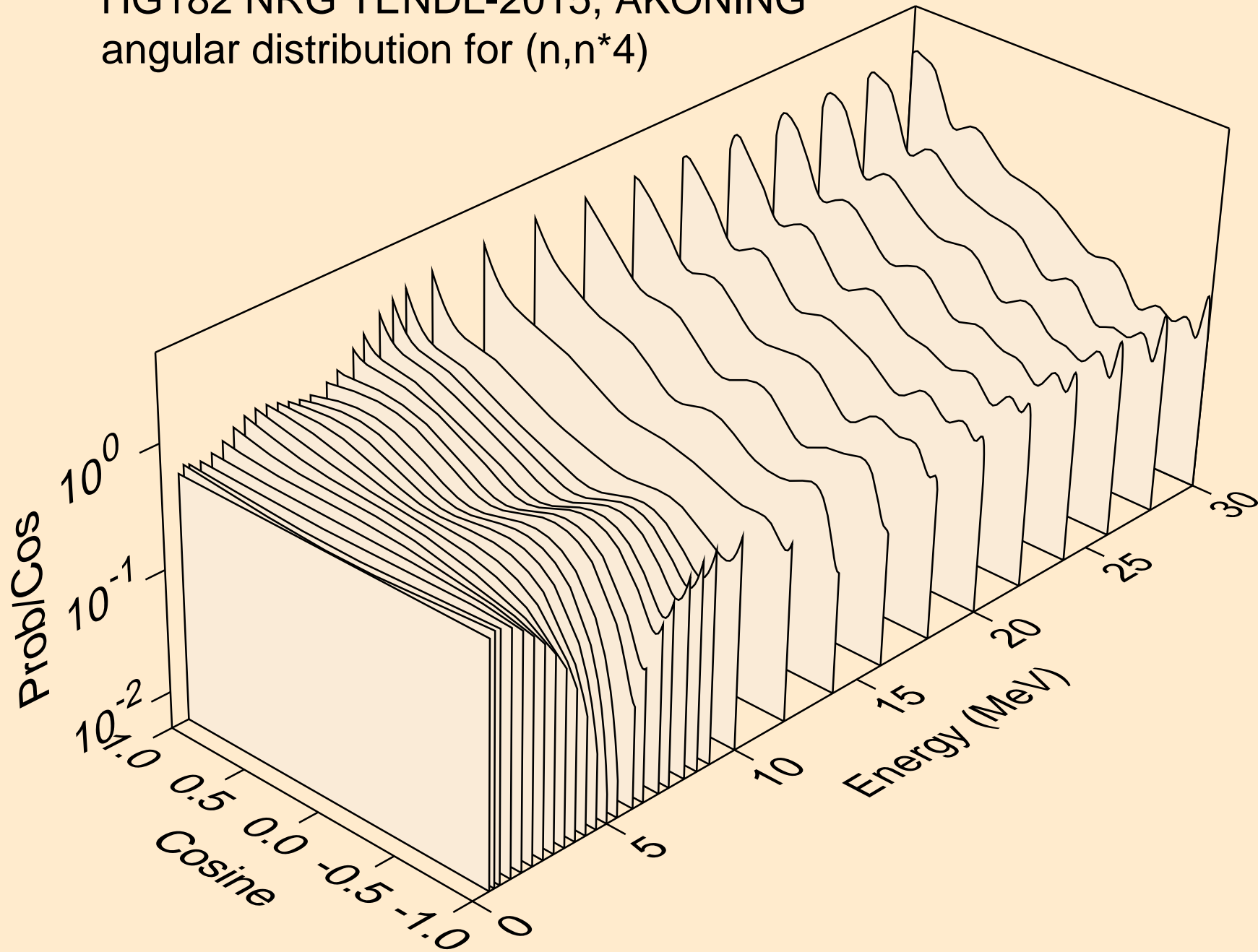
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



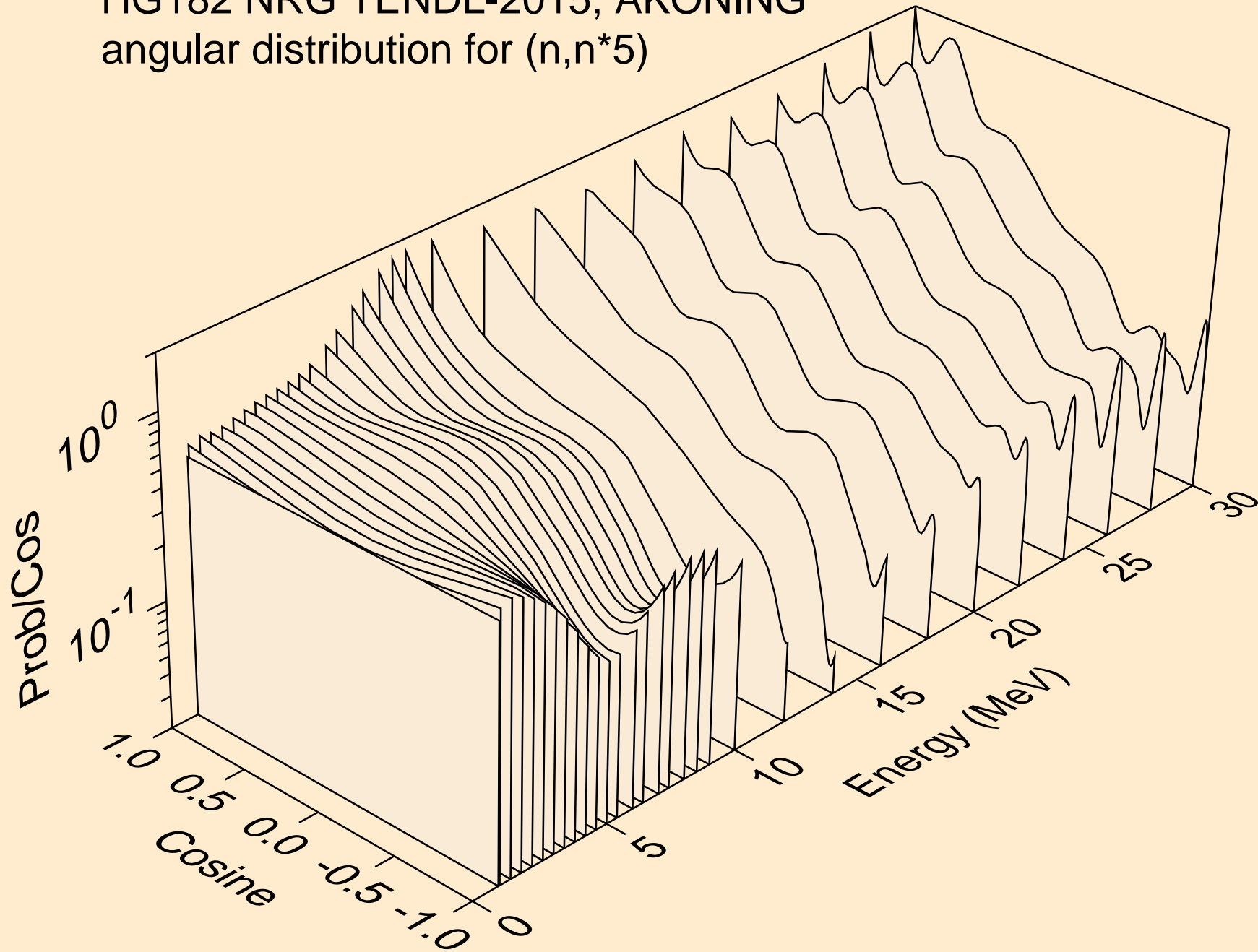
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



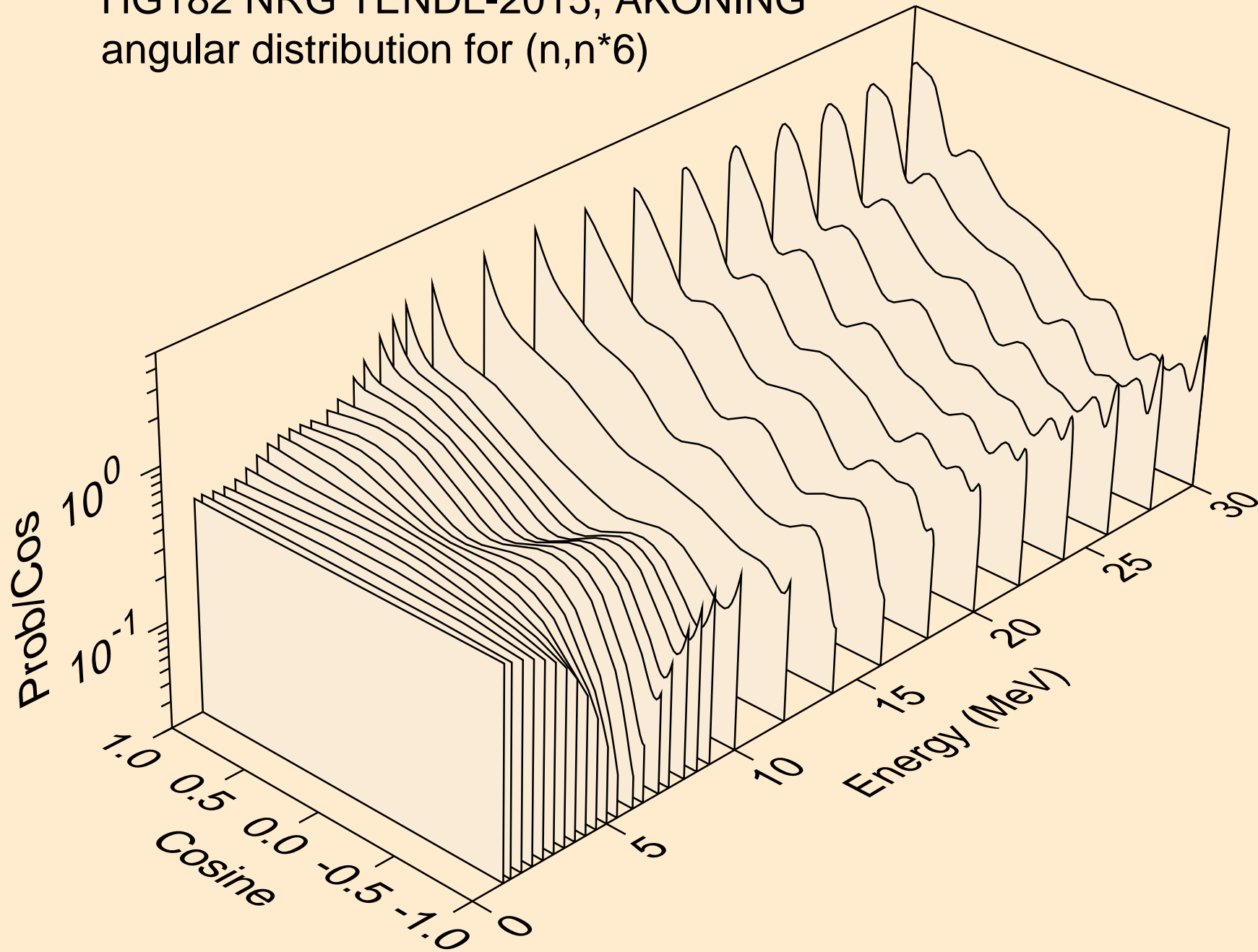
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



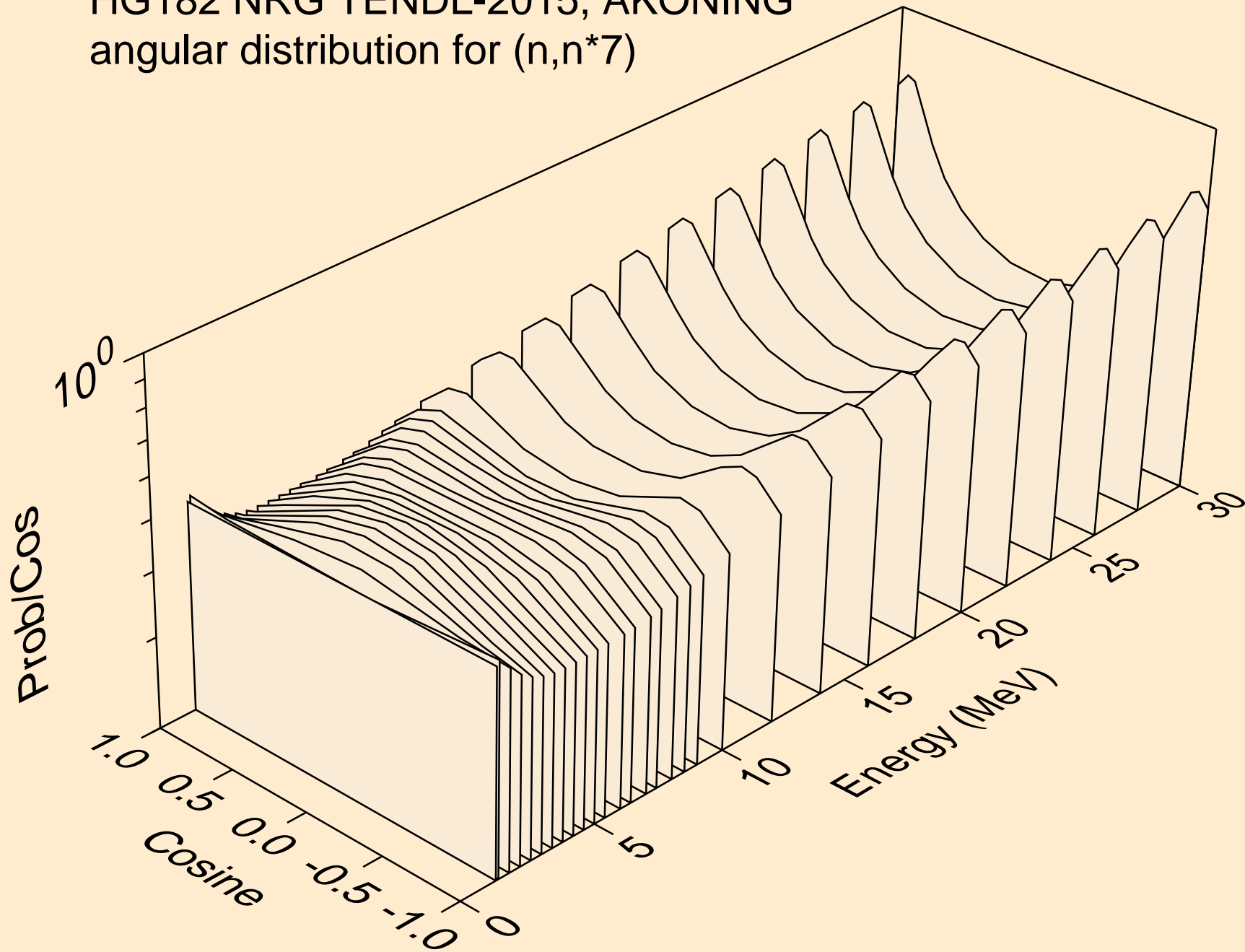
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



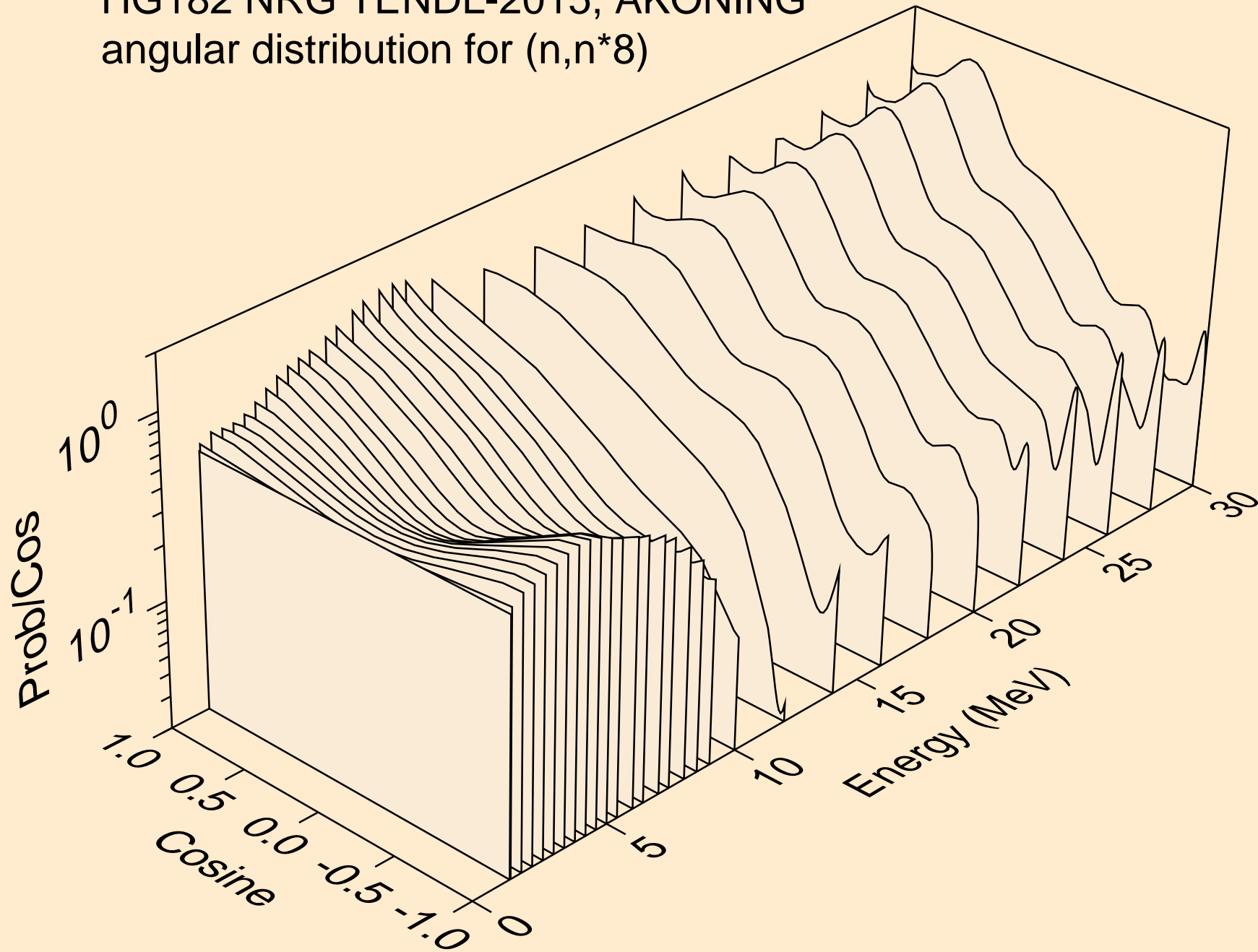
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

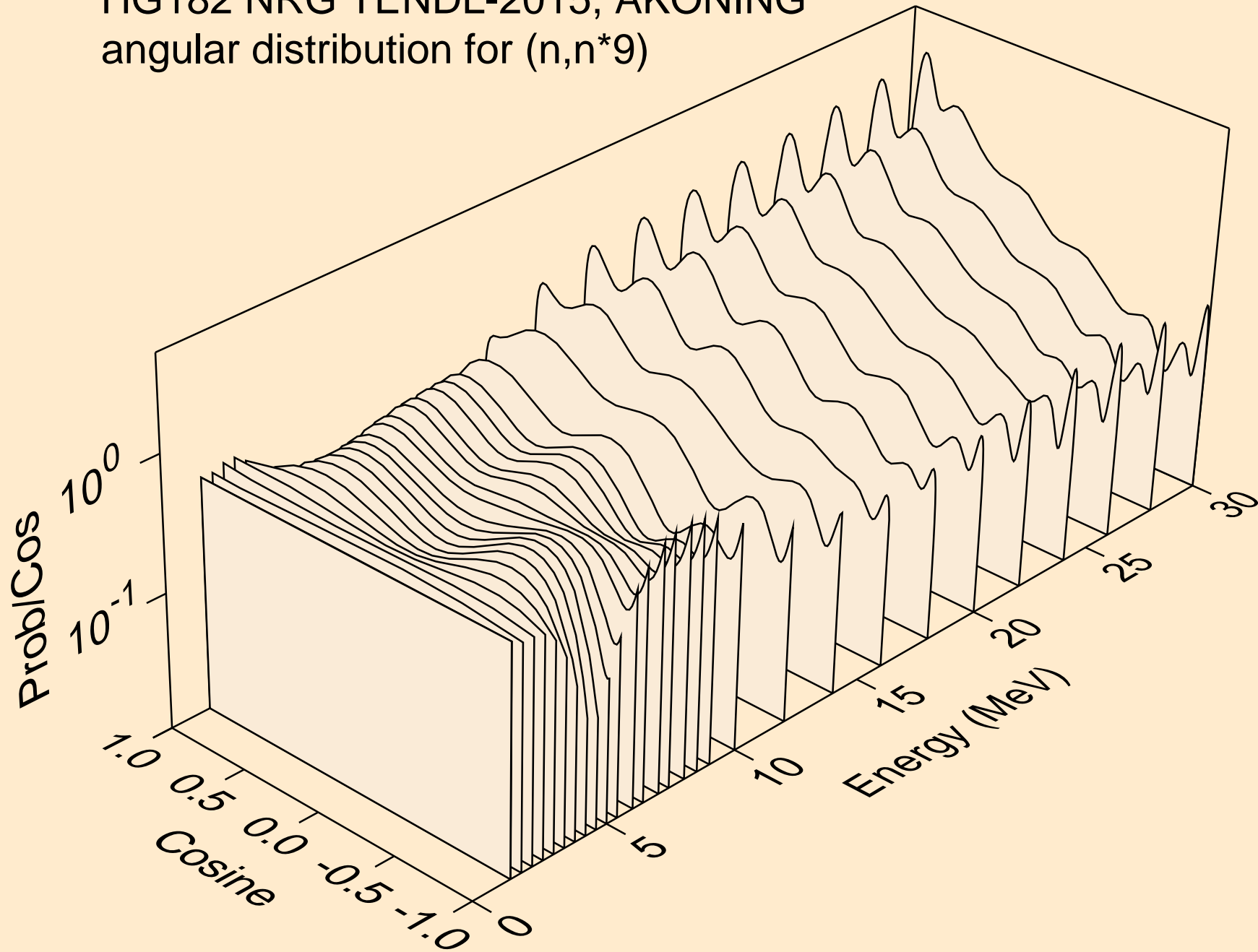


HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

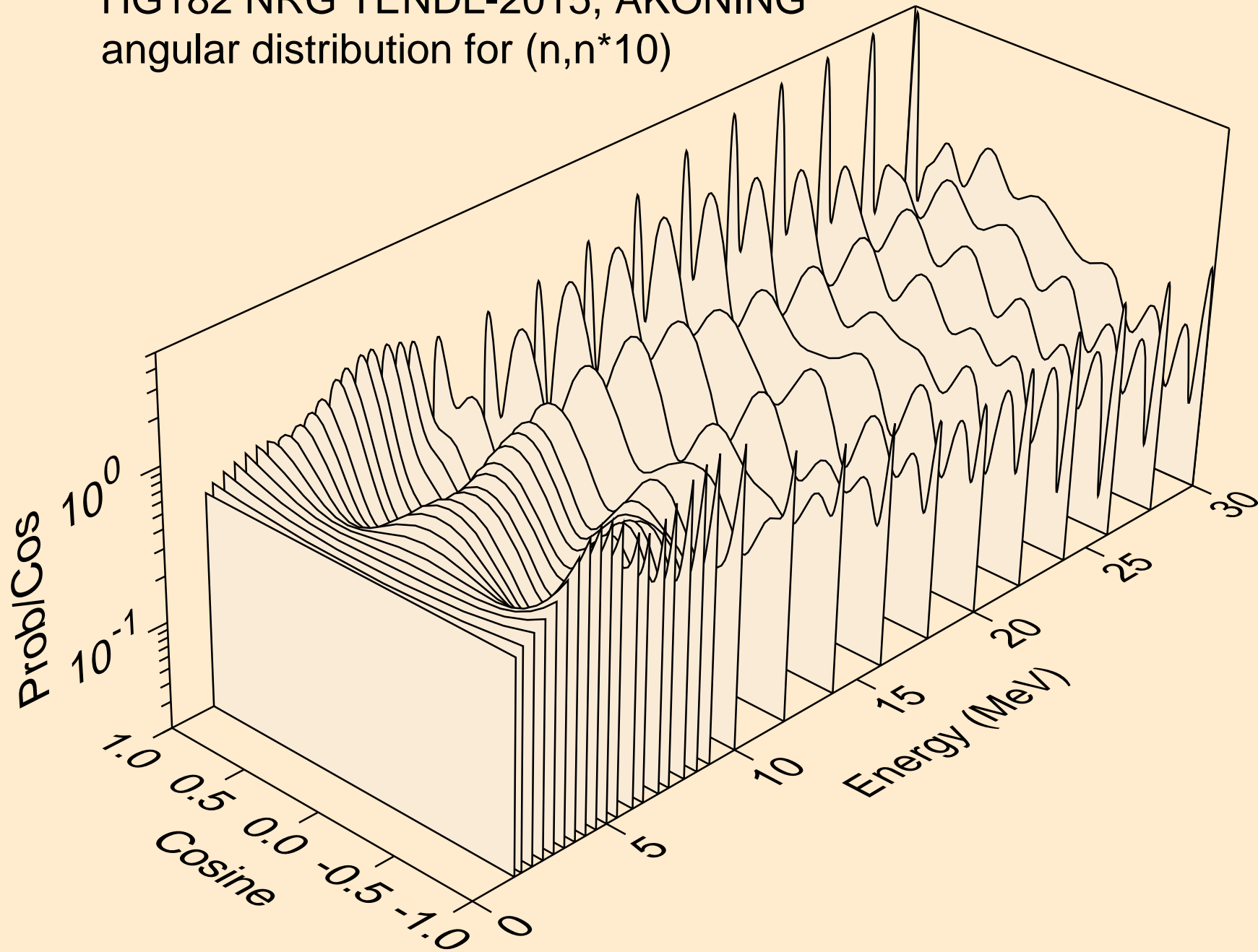




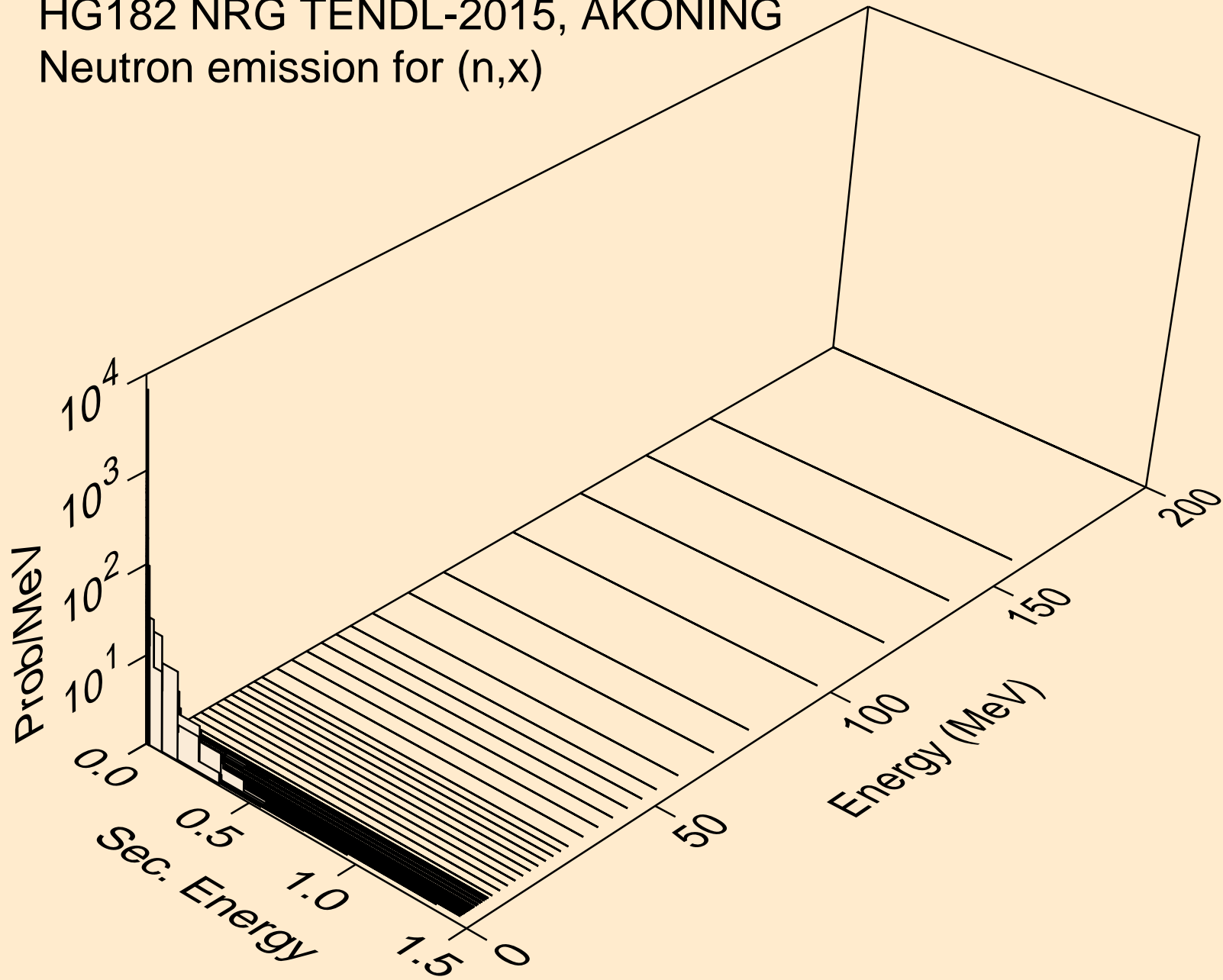
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



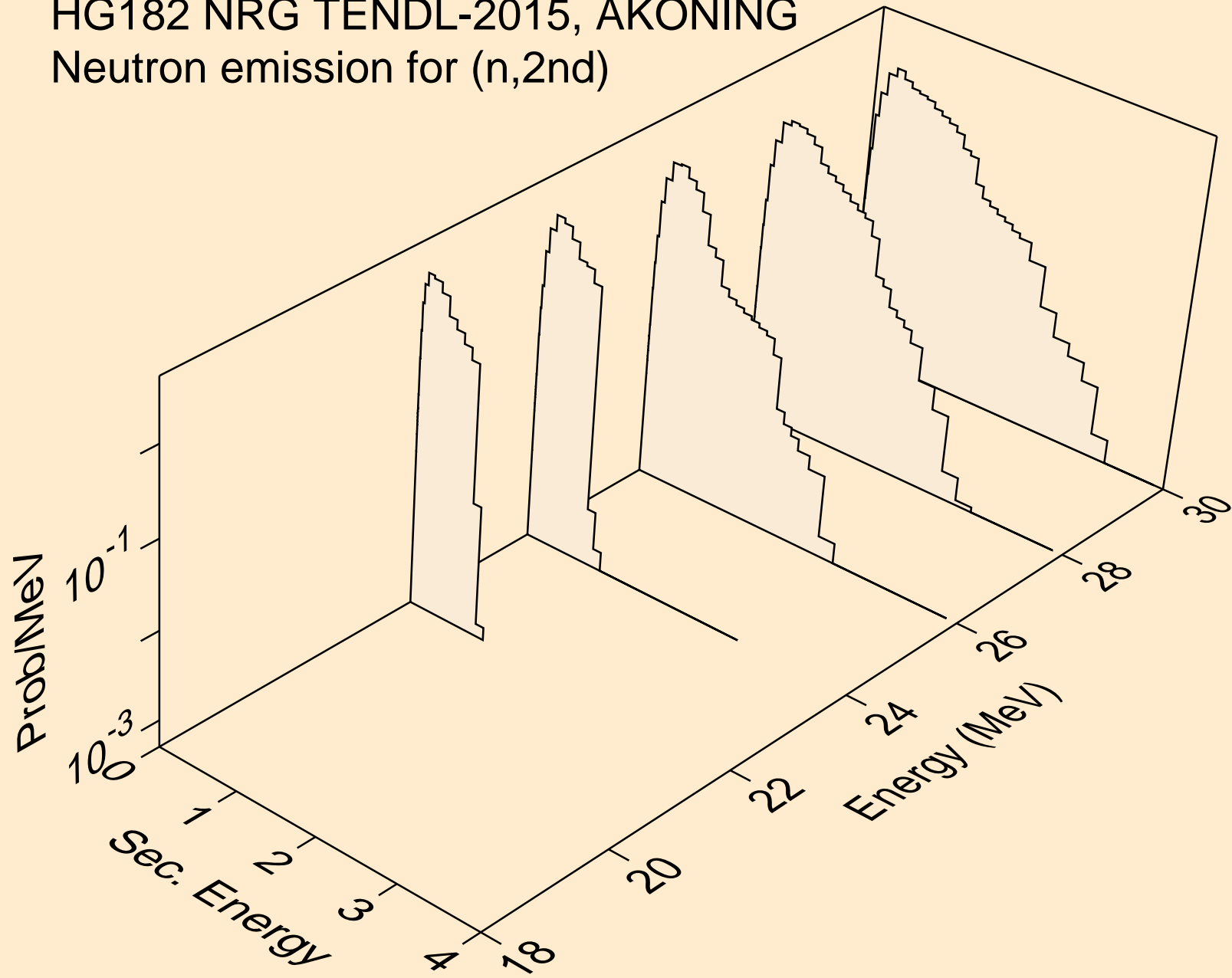
HG182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



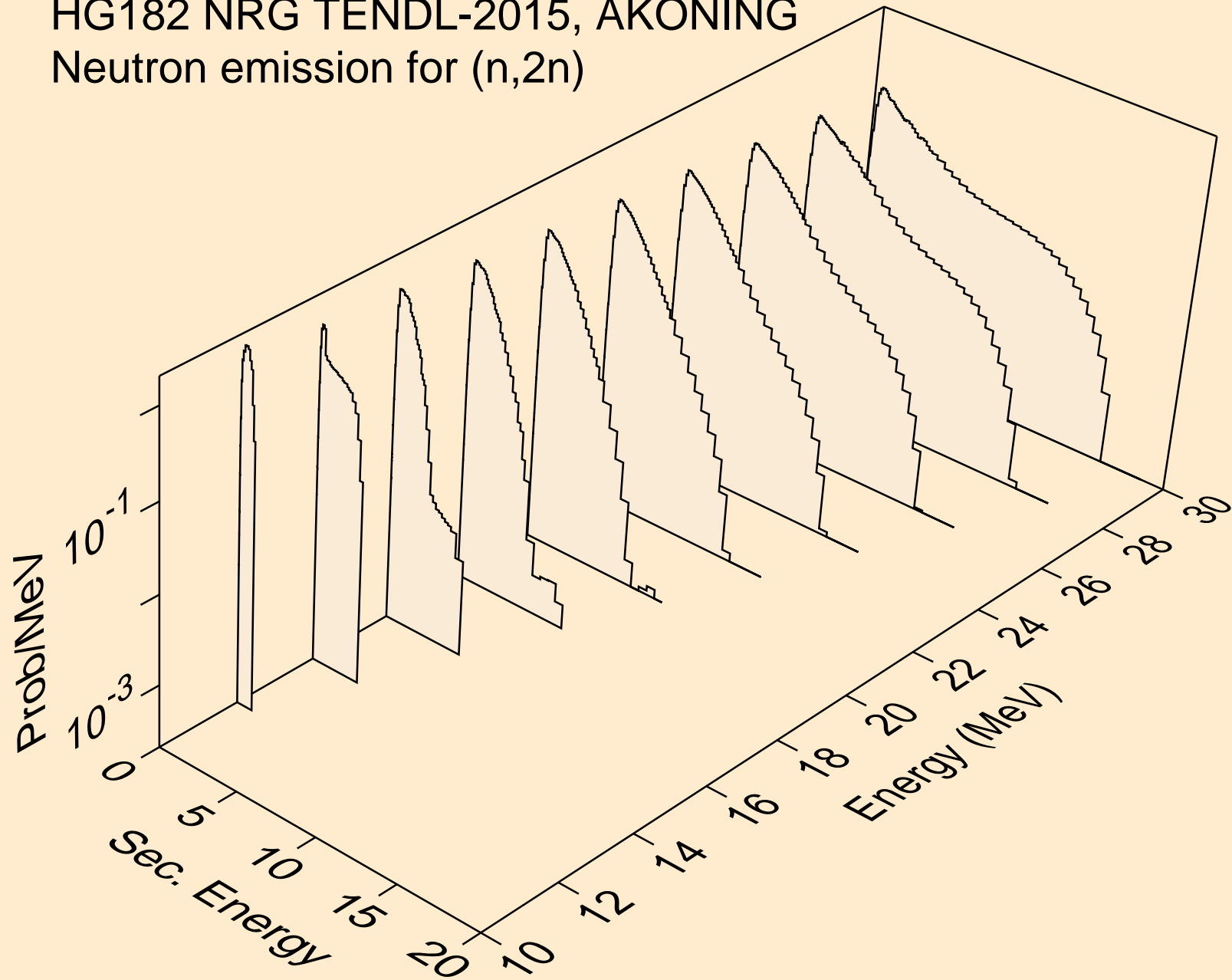
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



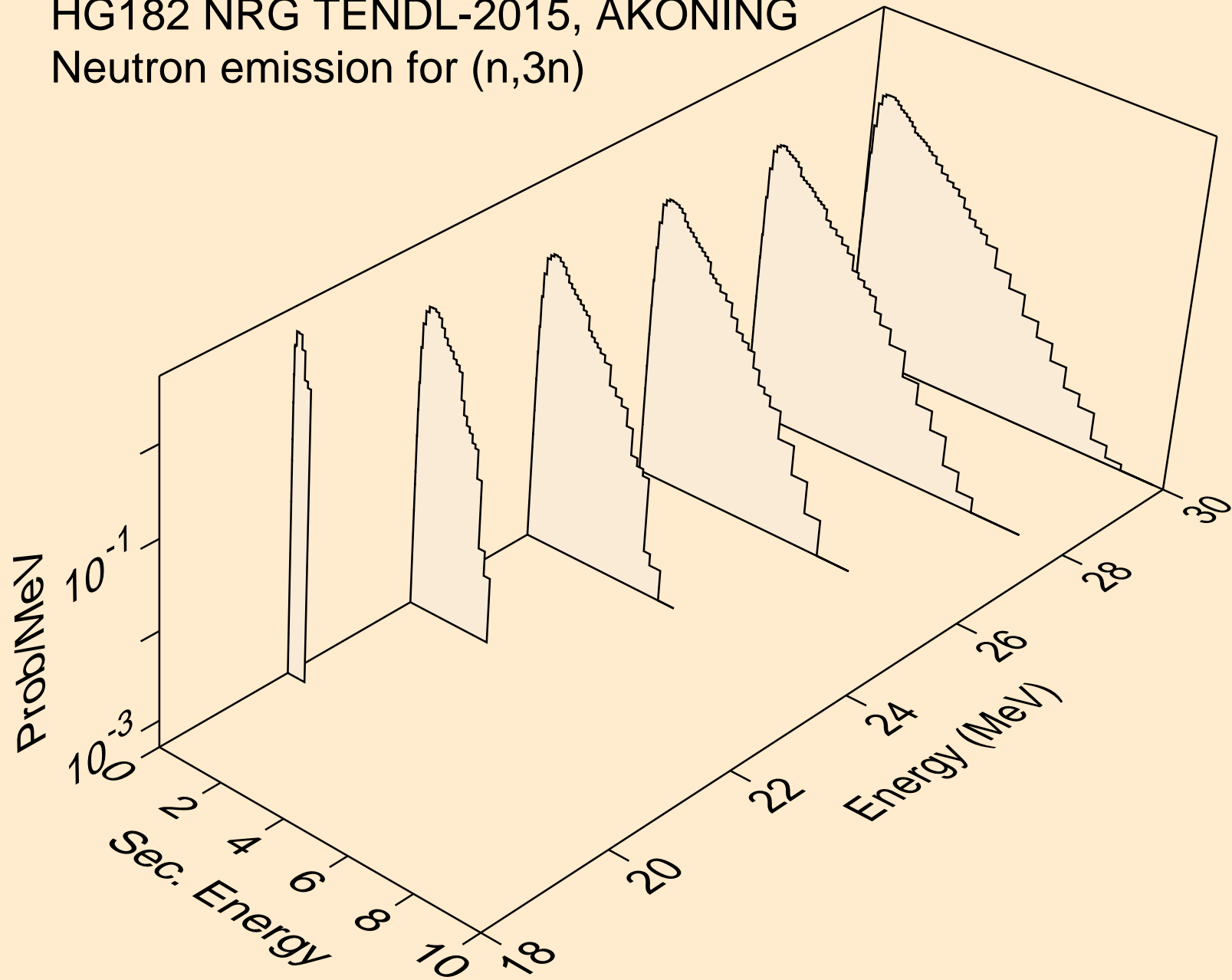
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



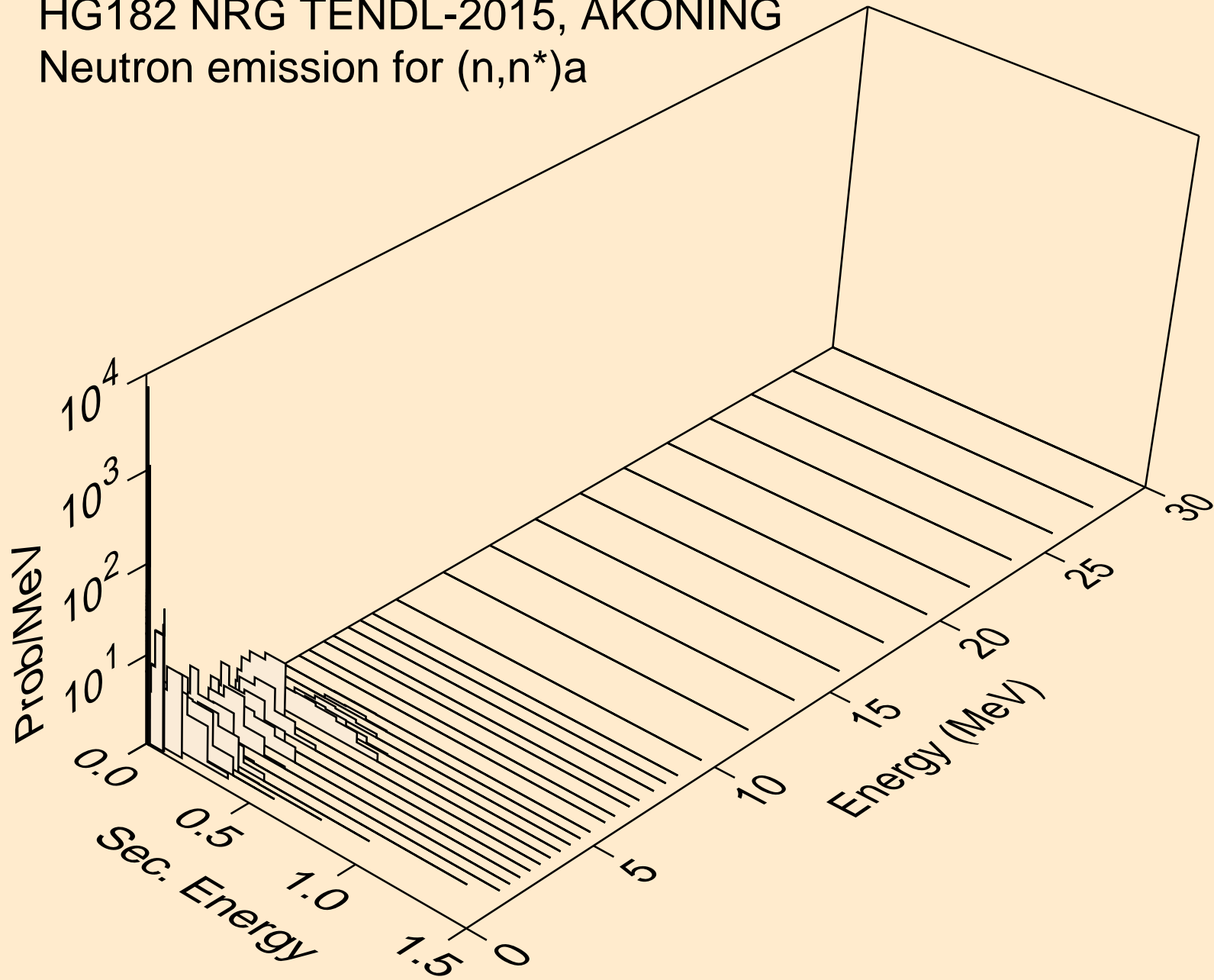
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



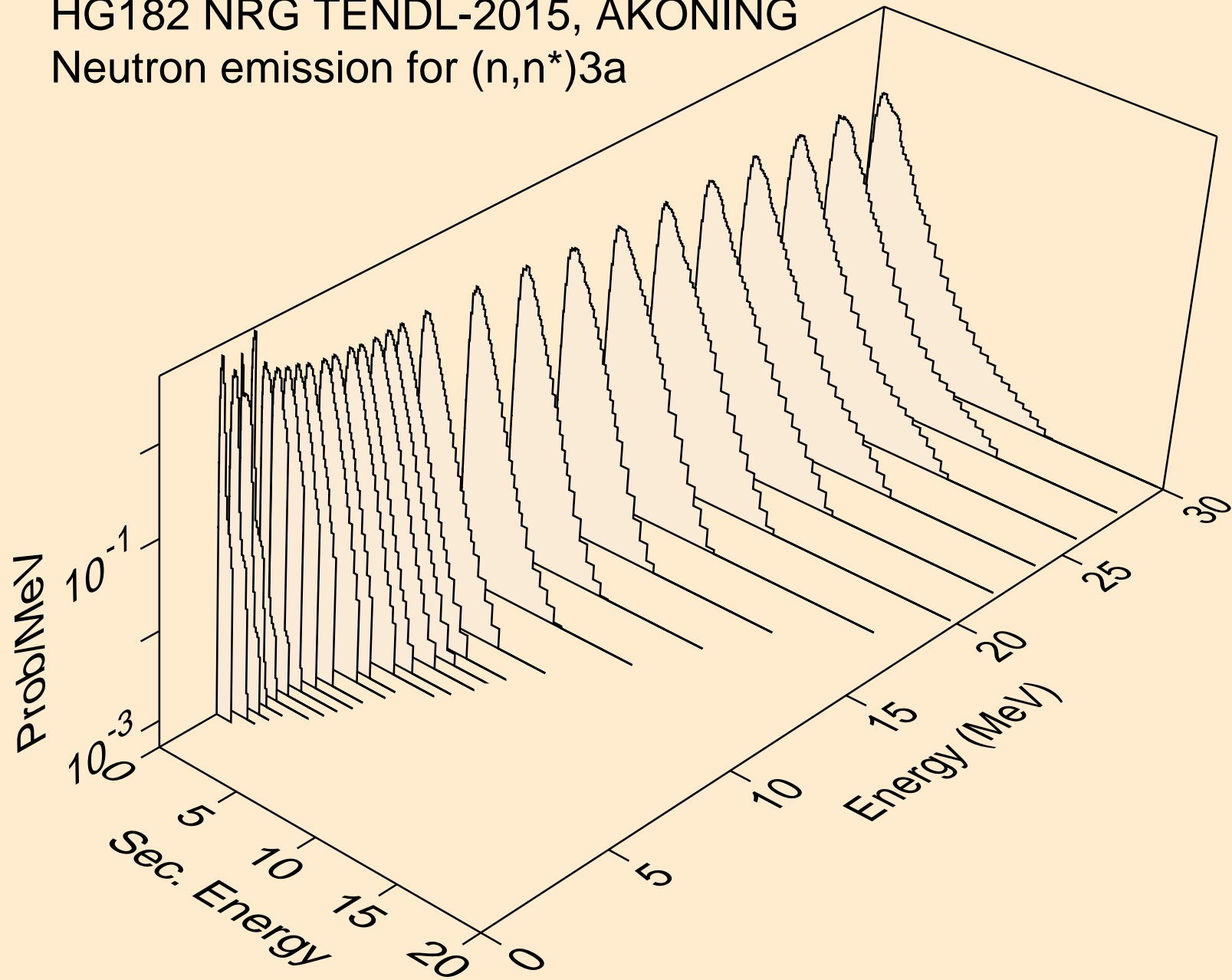
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

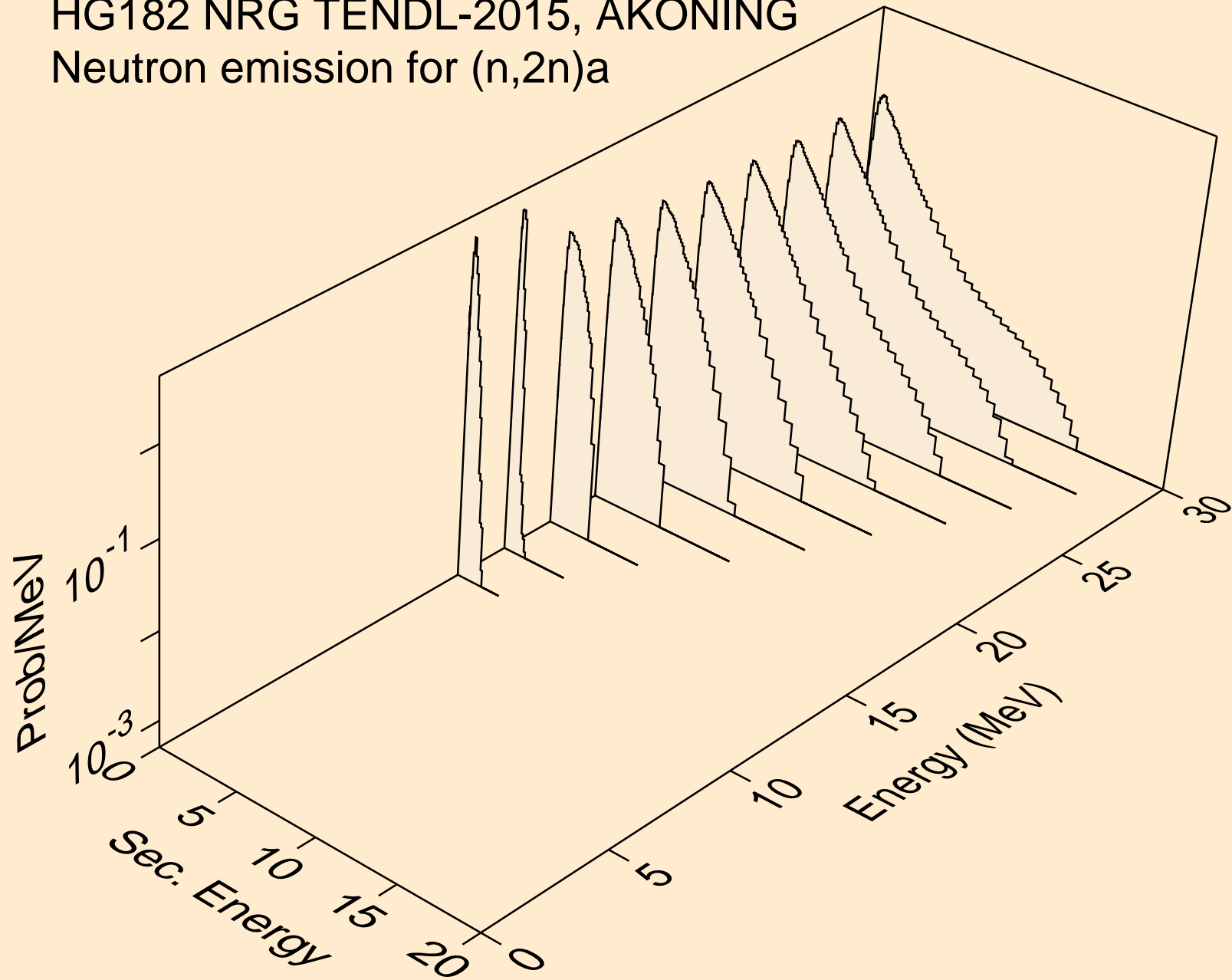


HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

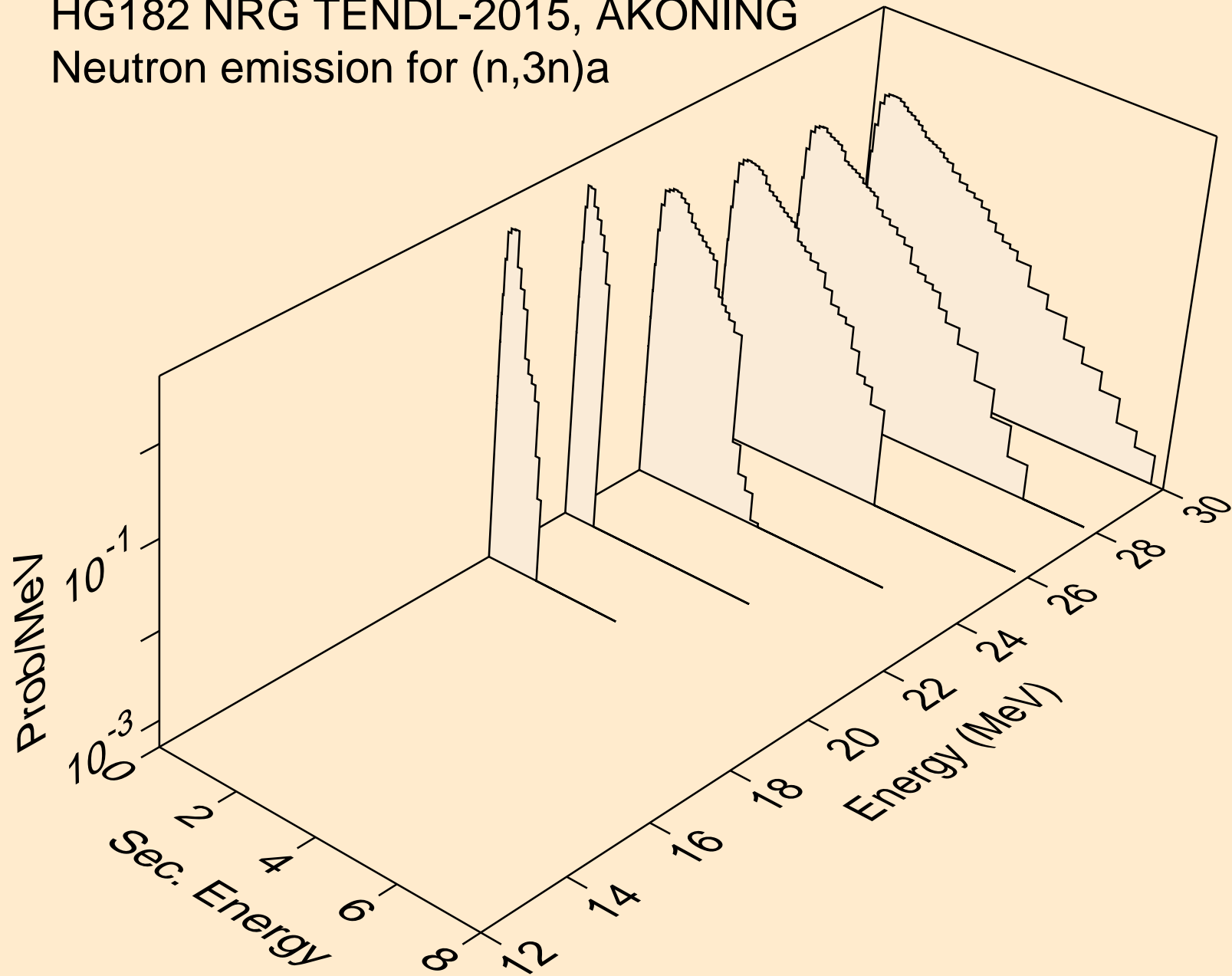




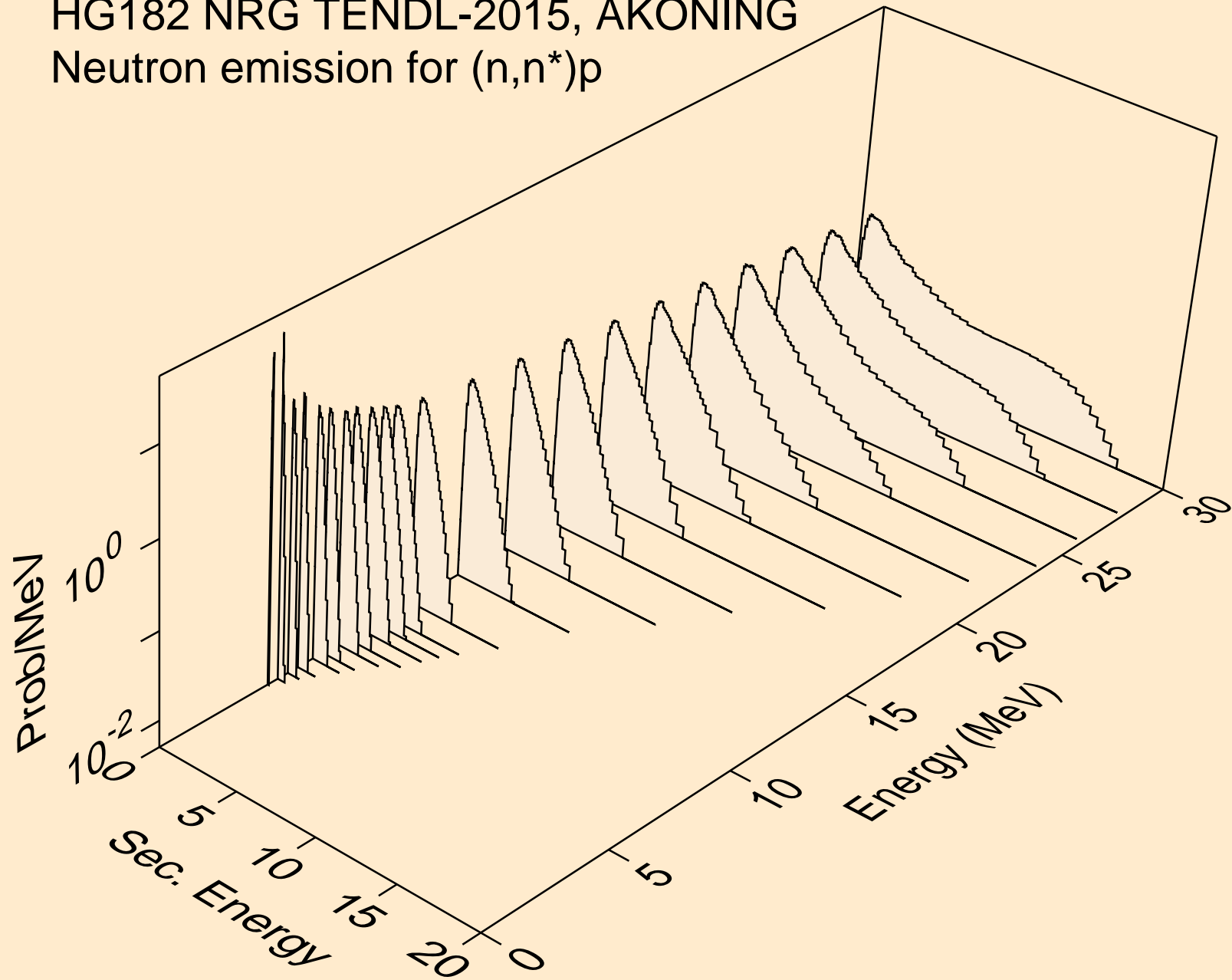
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



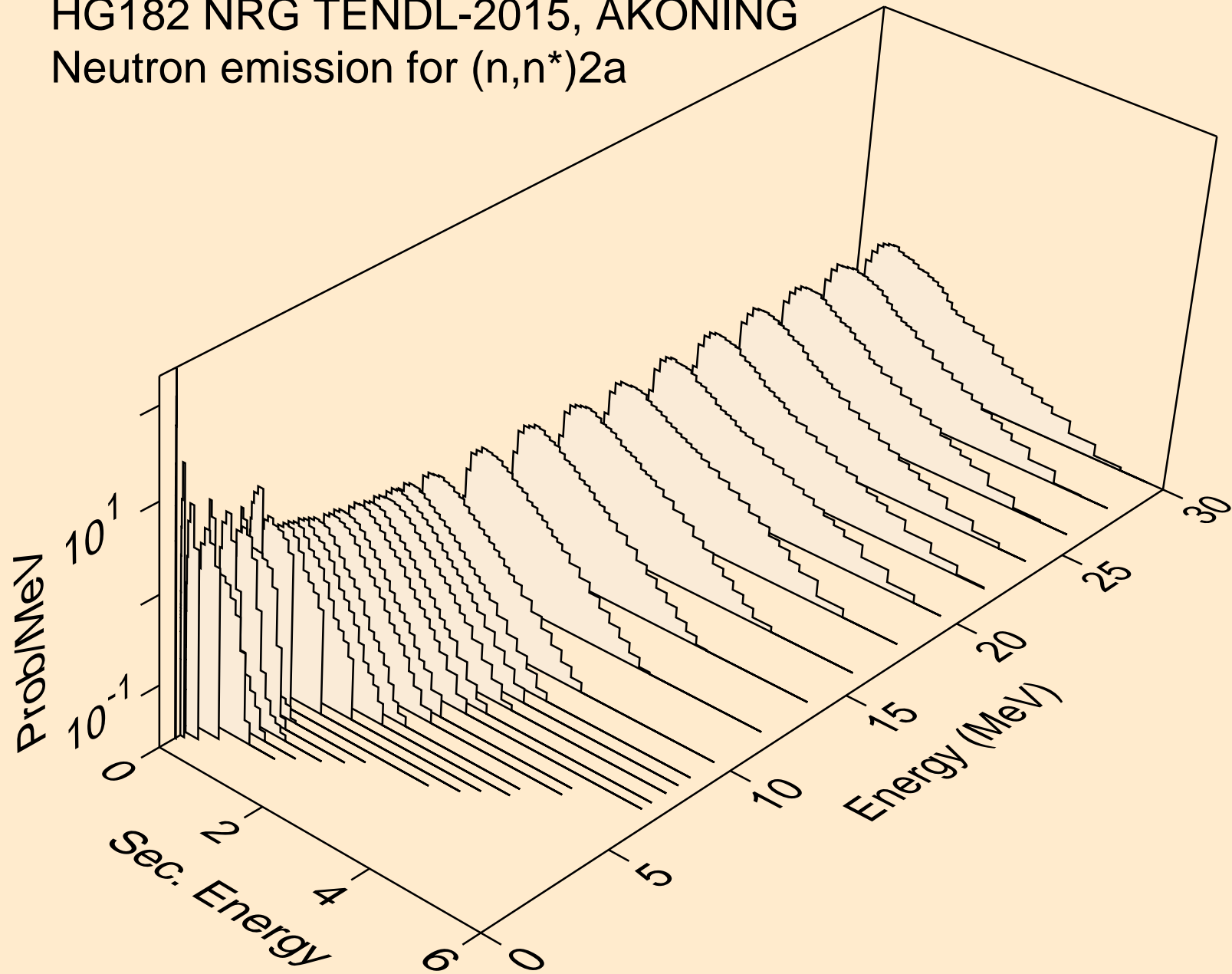
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



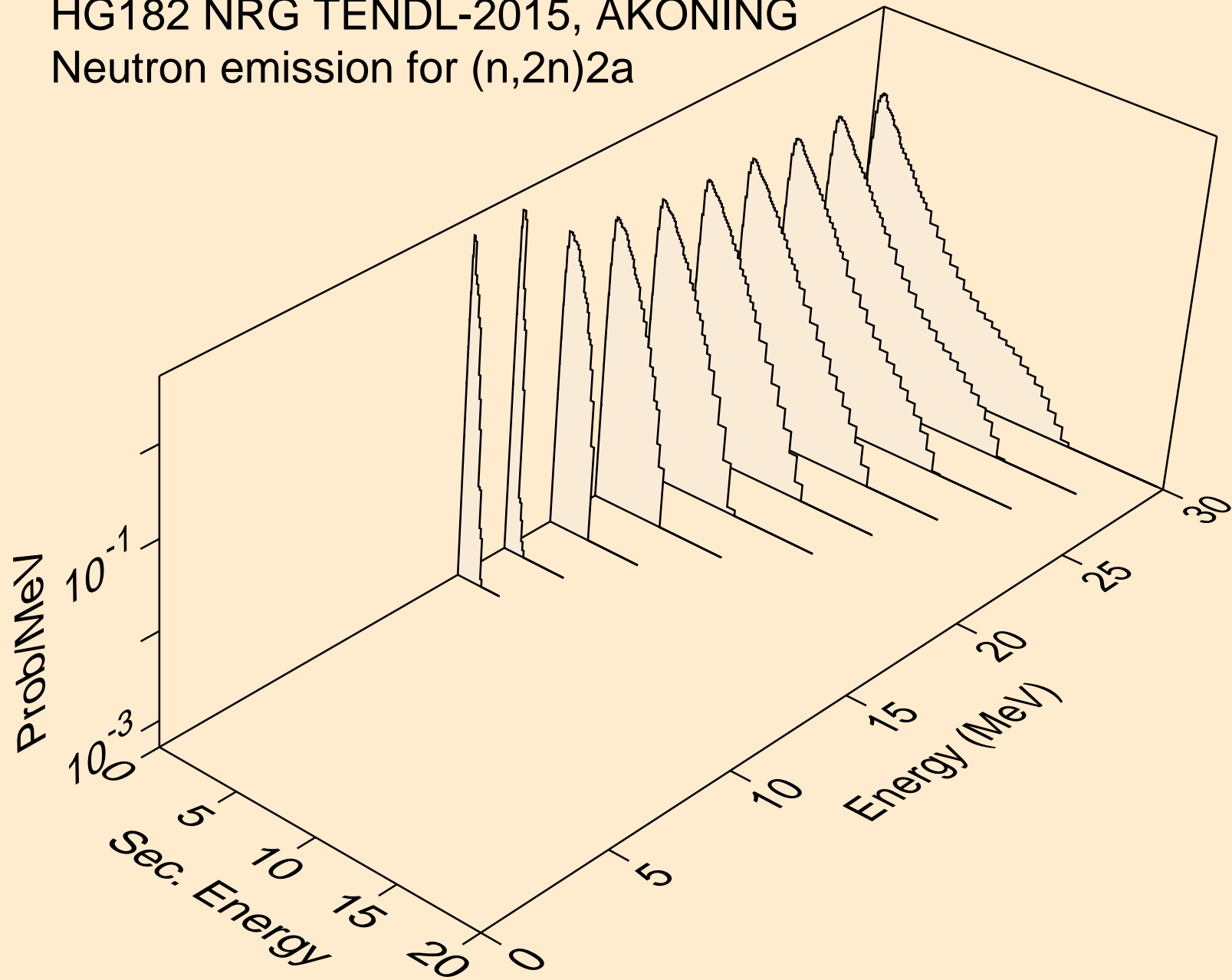
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



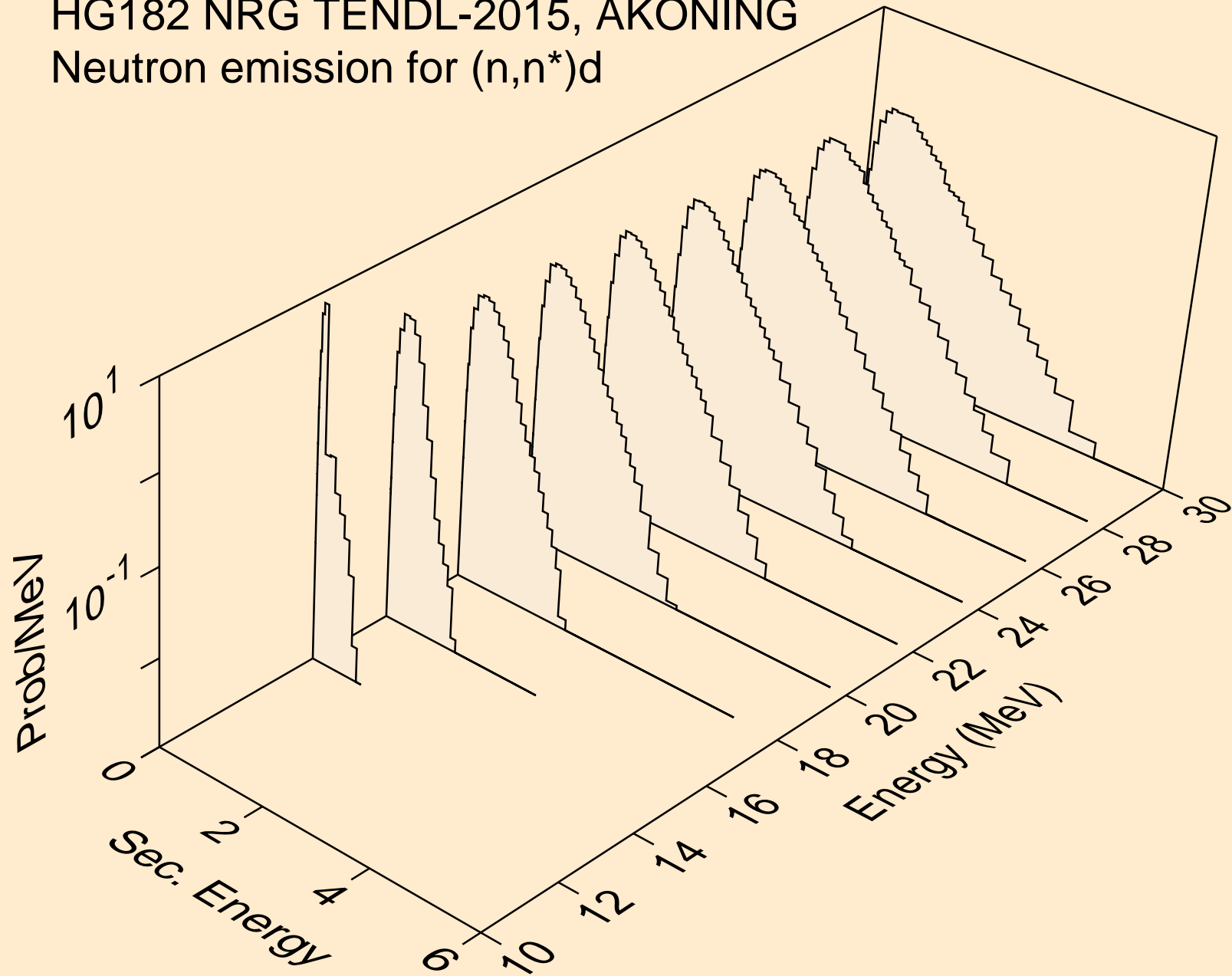
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



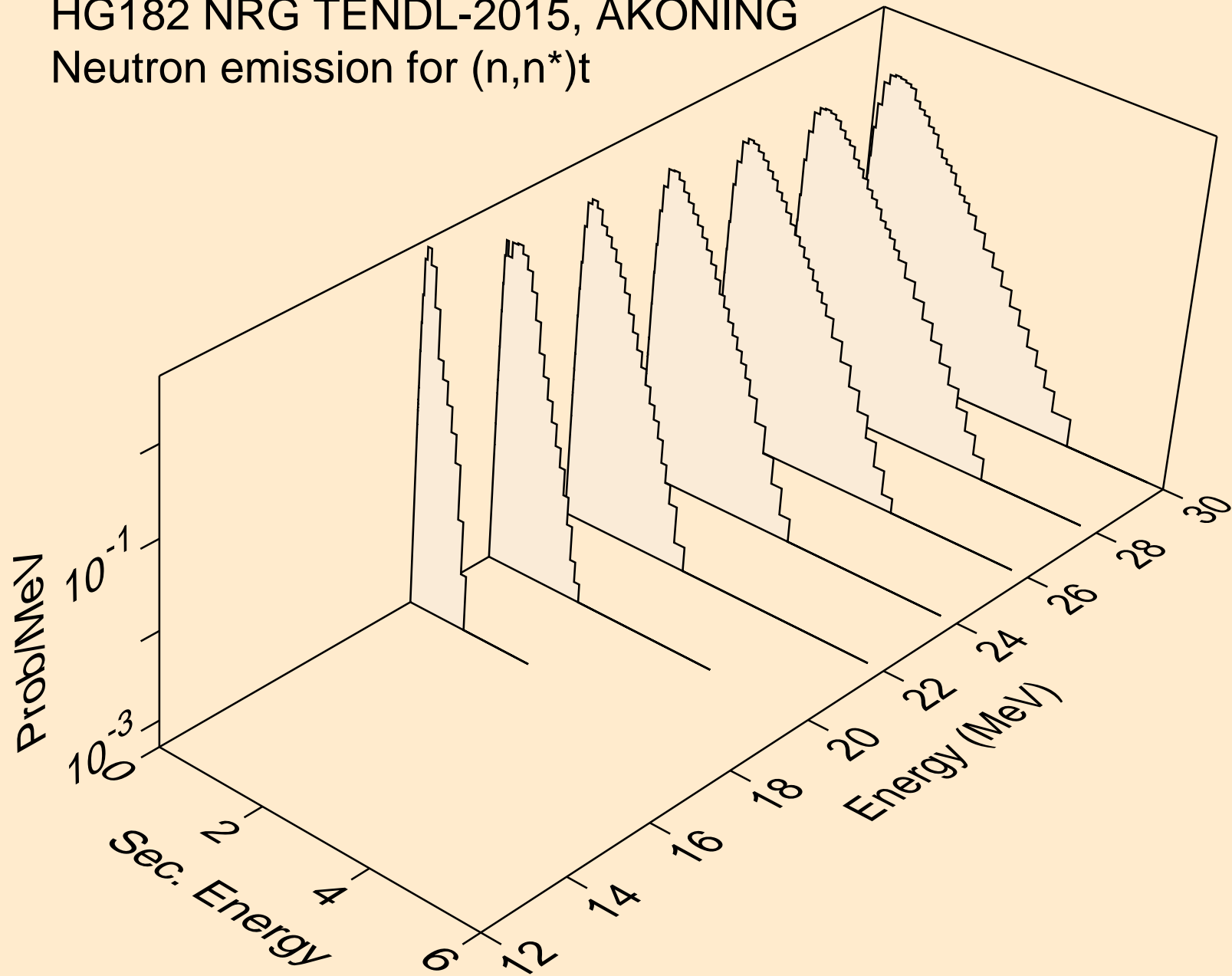
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



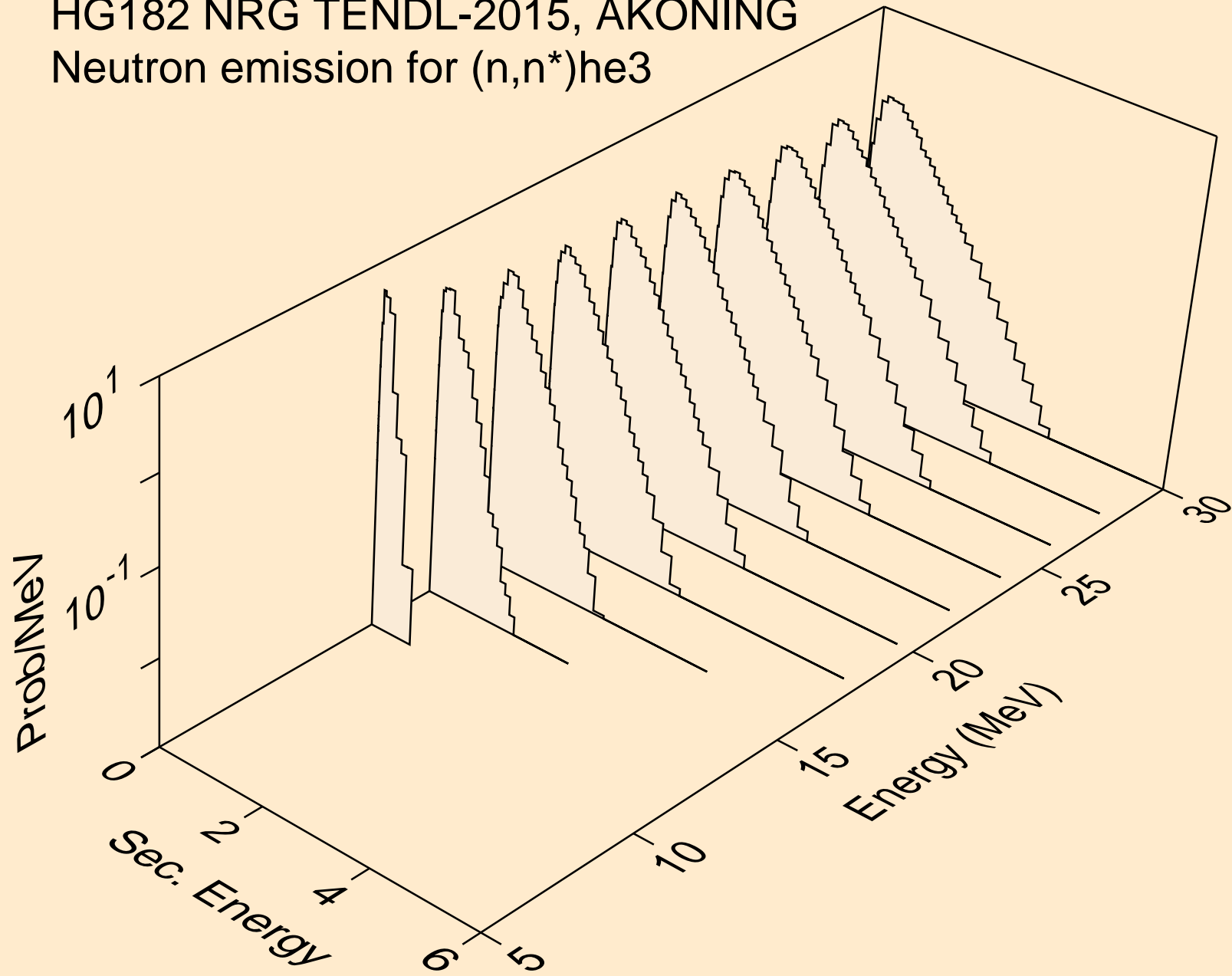
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

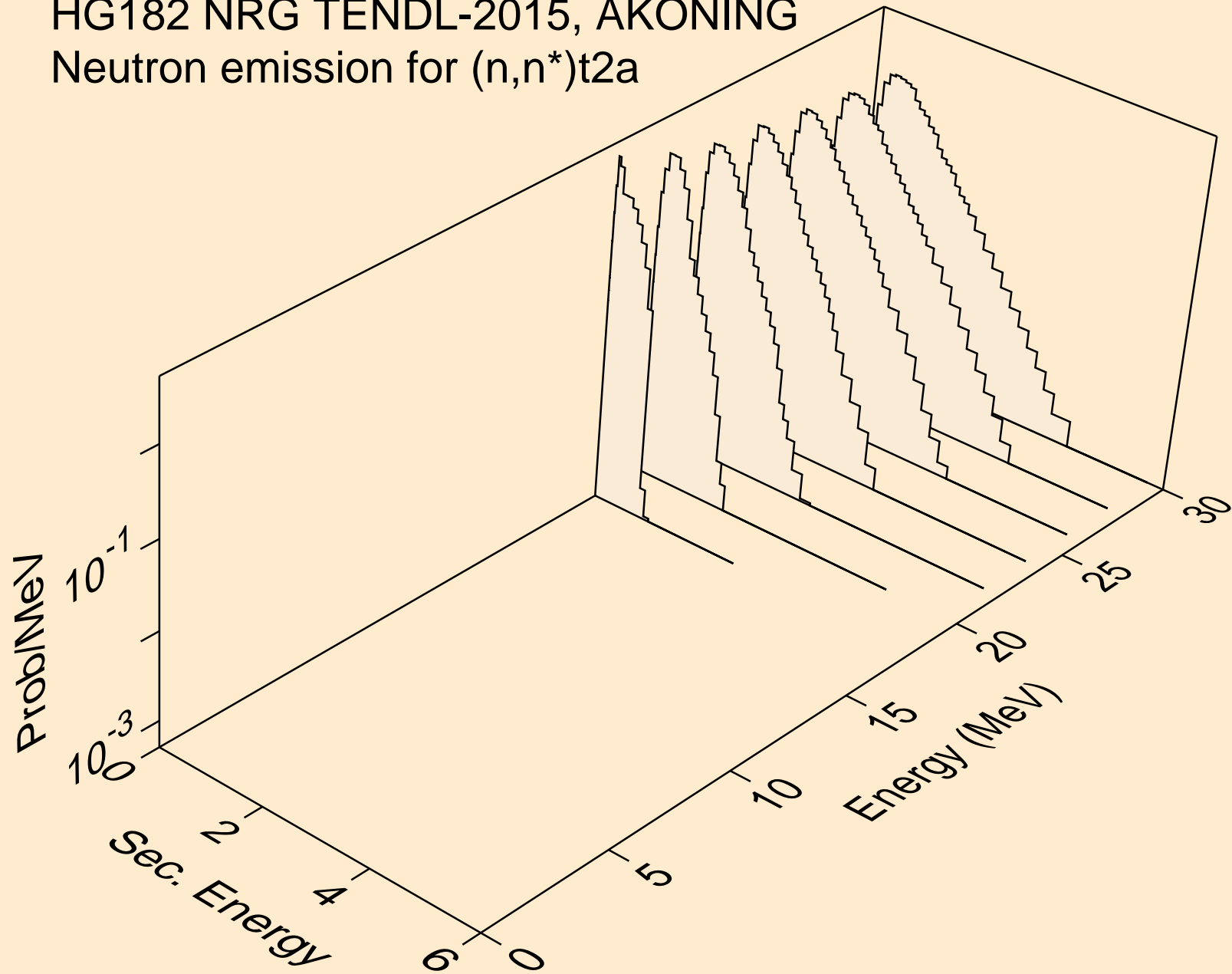


HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

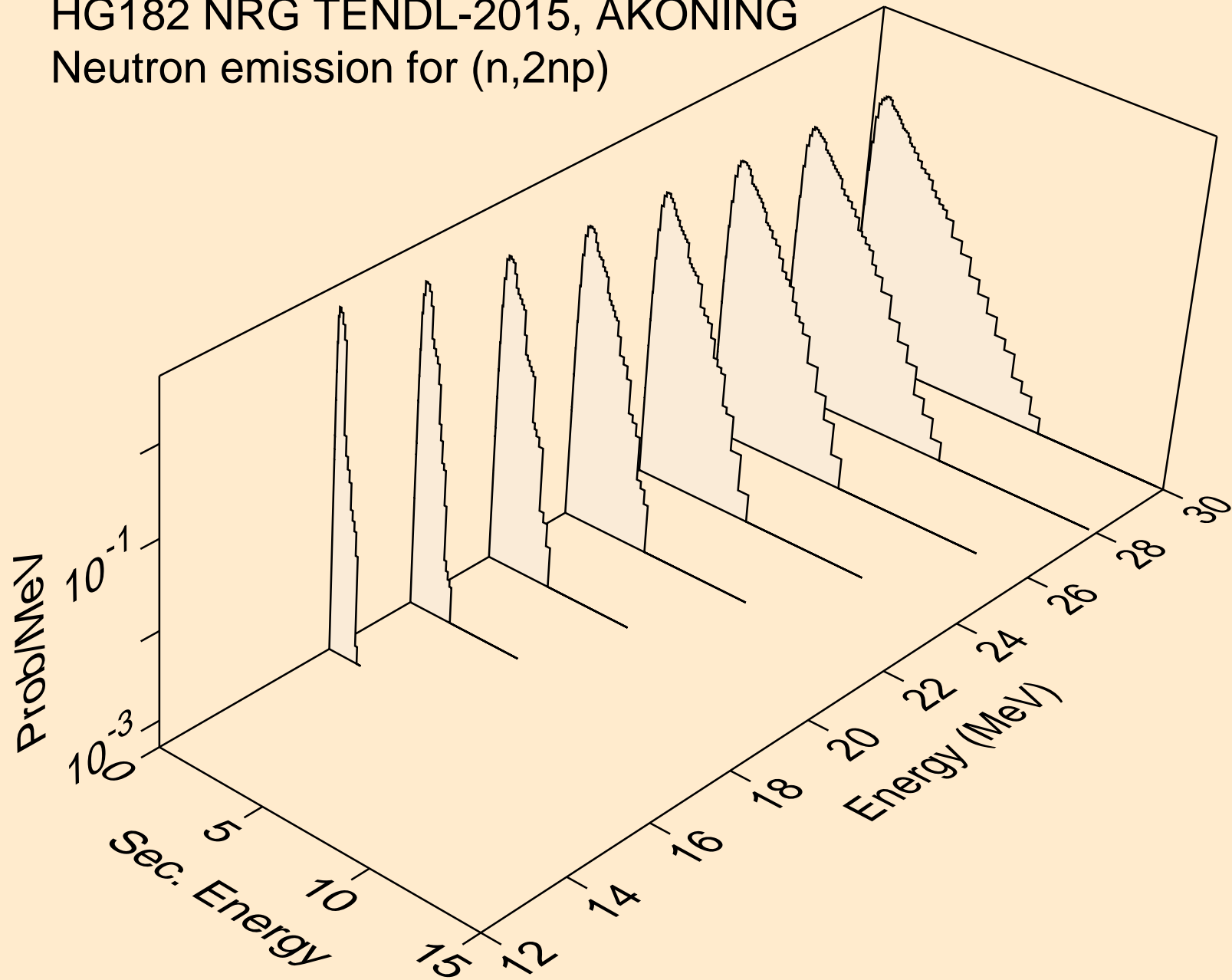




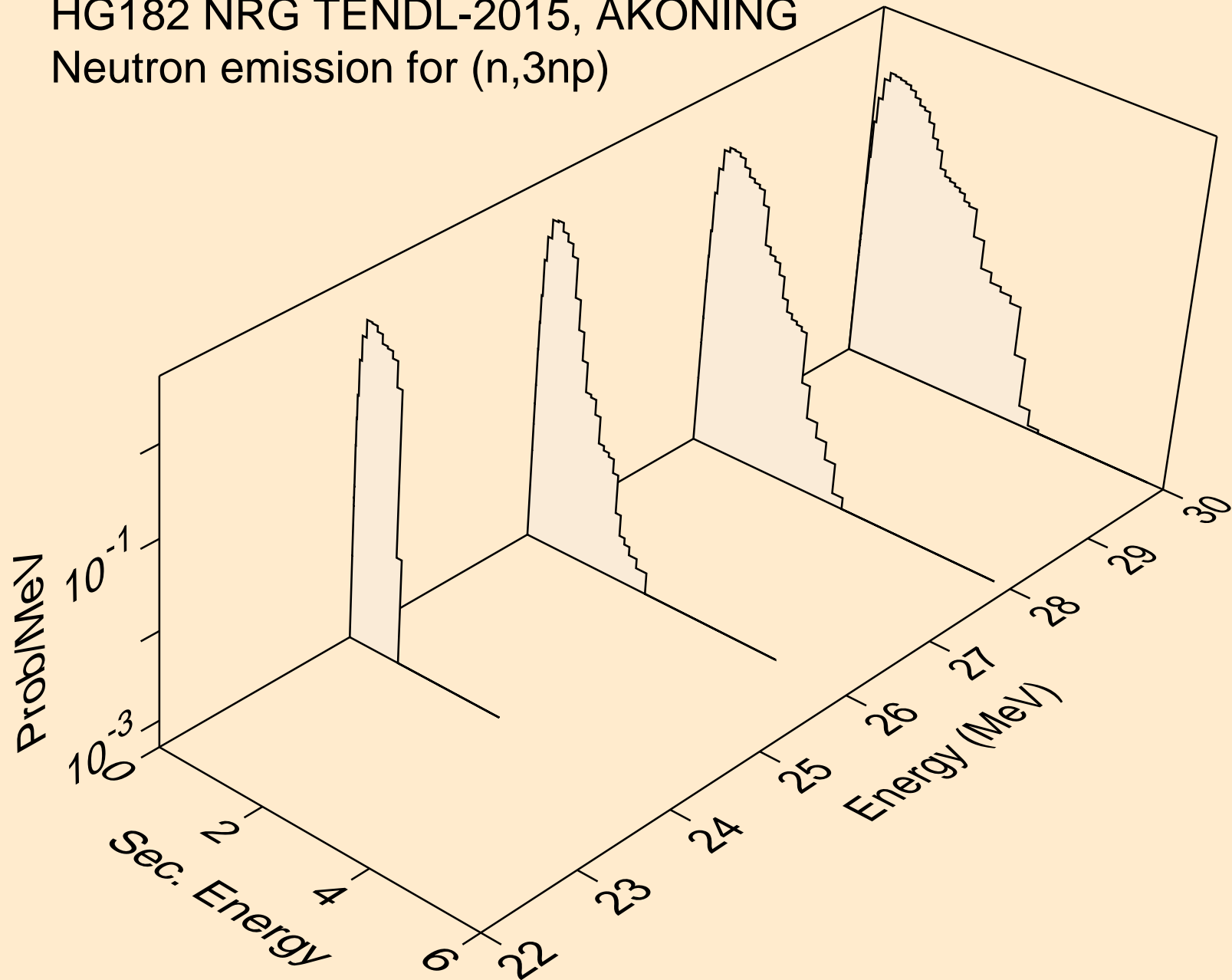
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



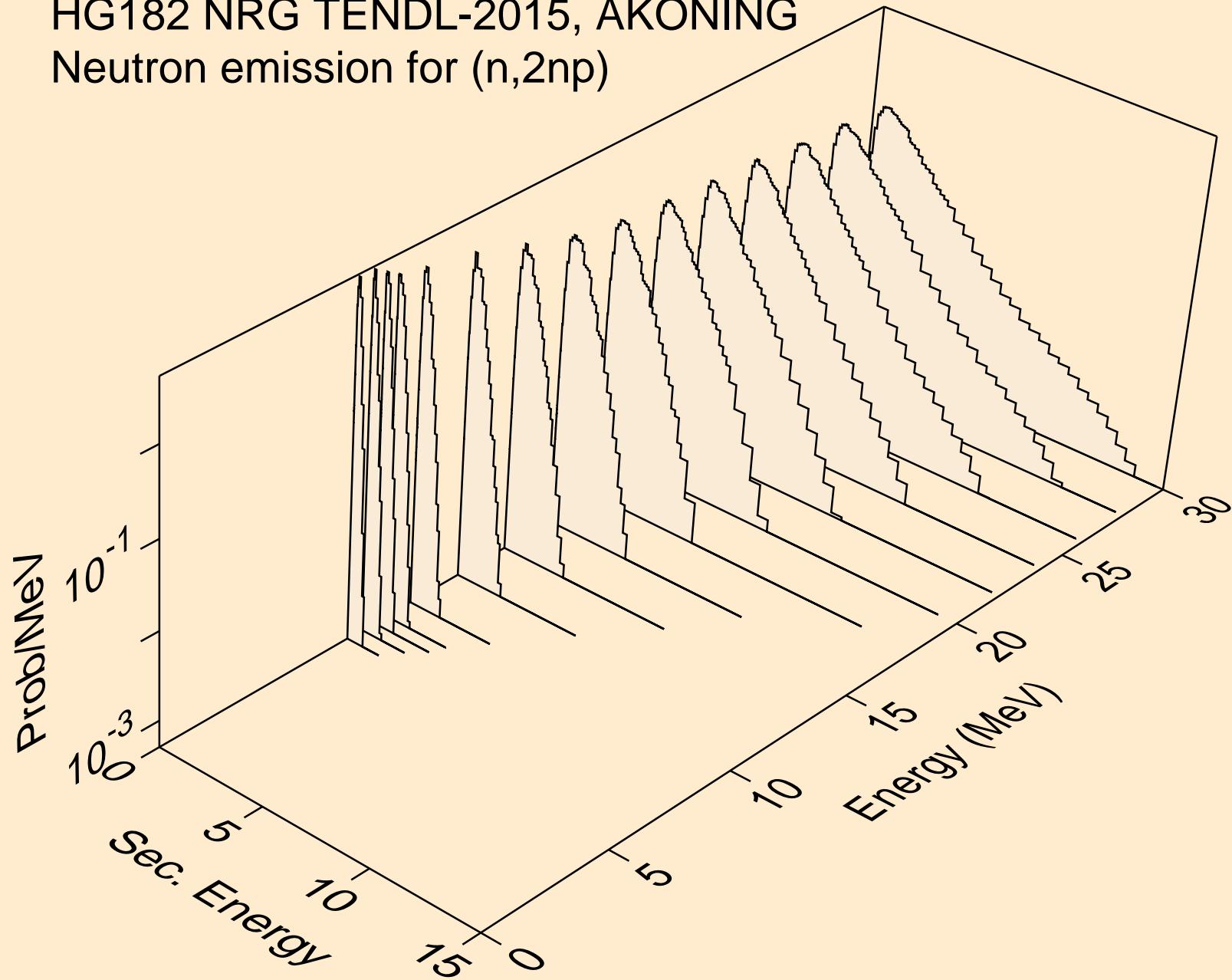
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



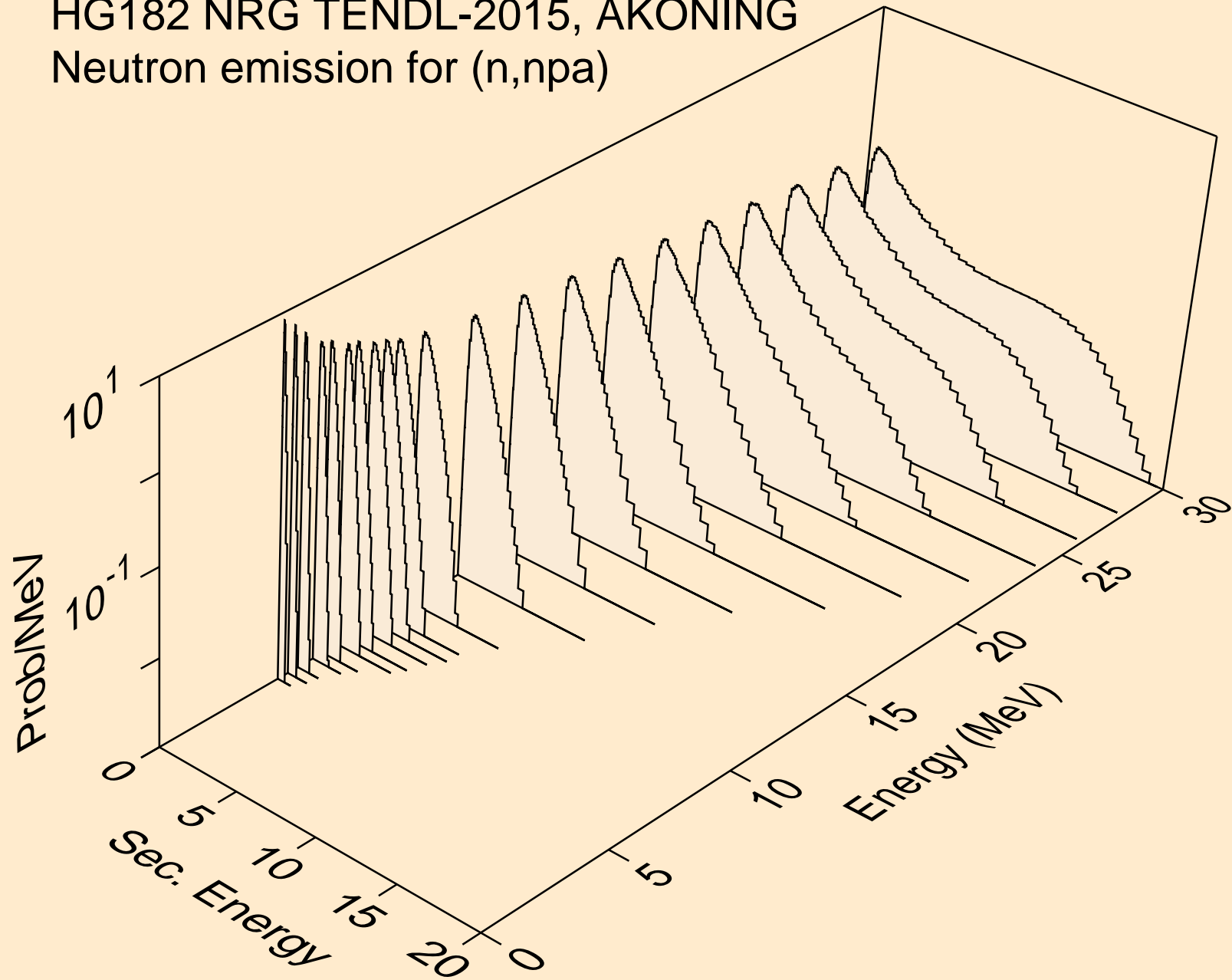
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



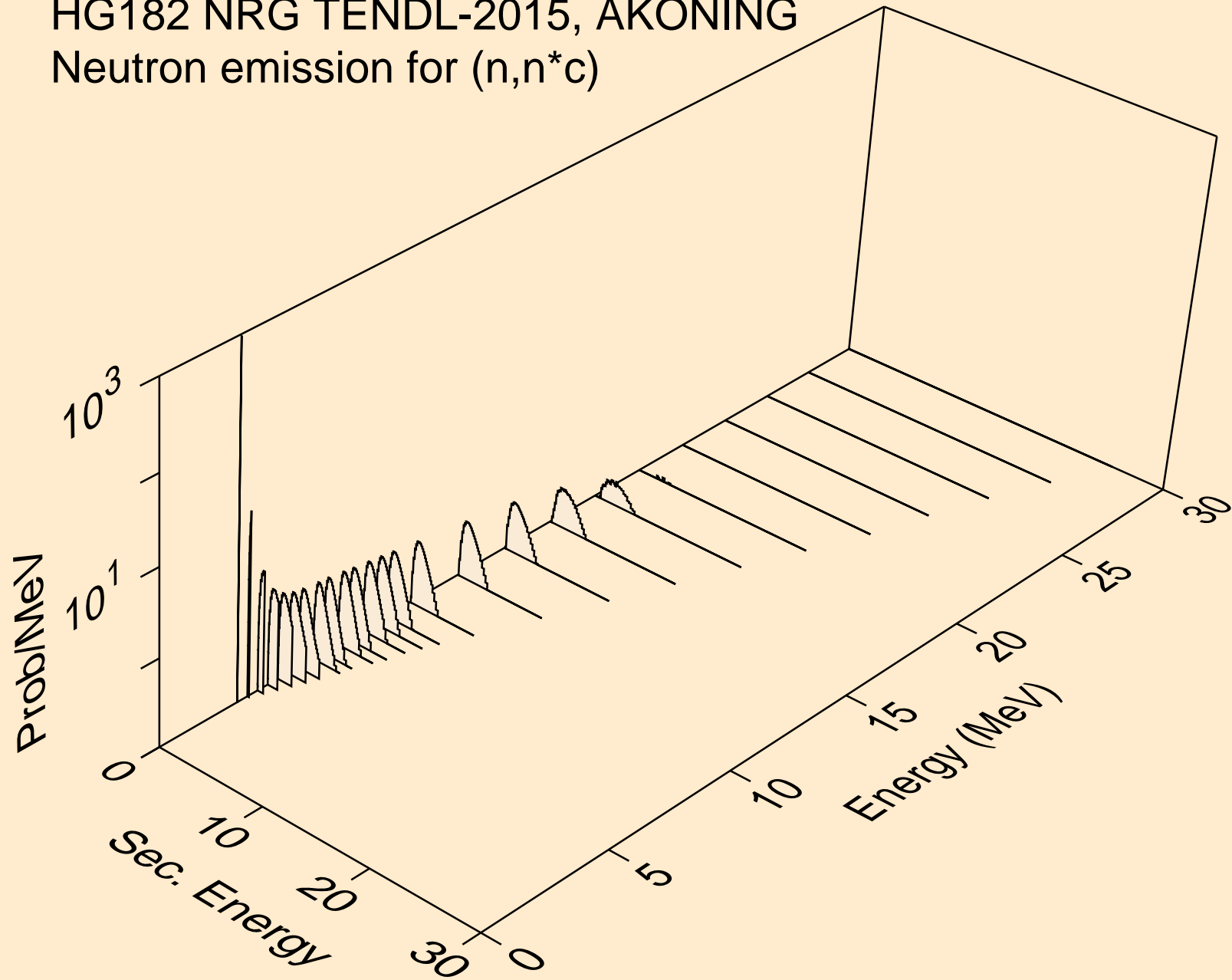
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



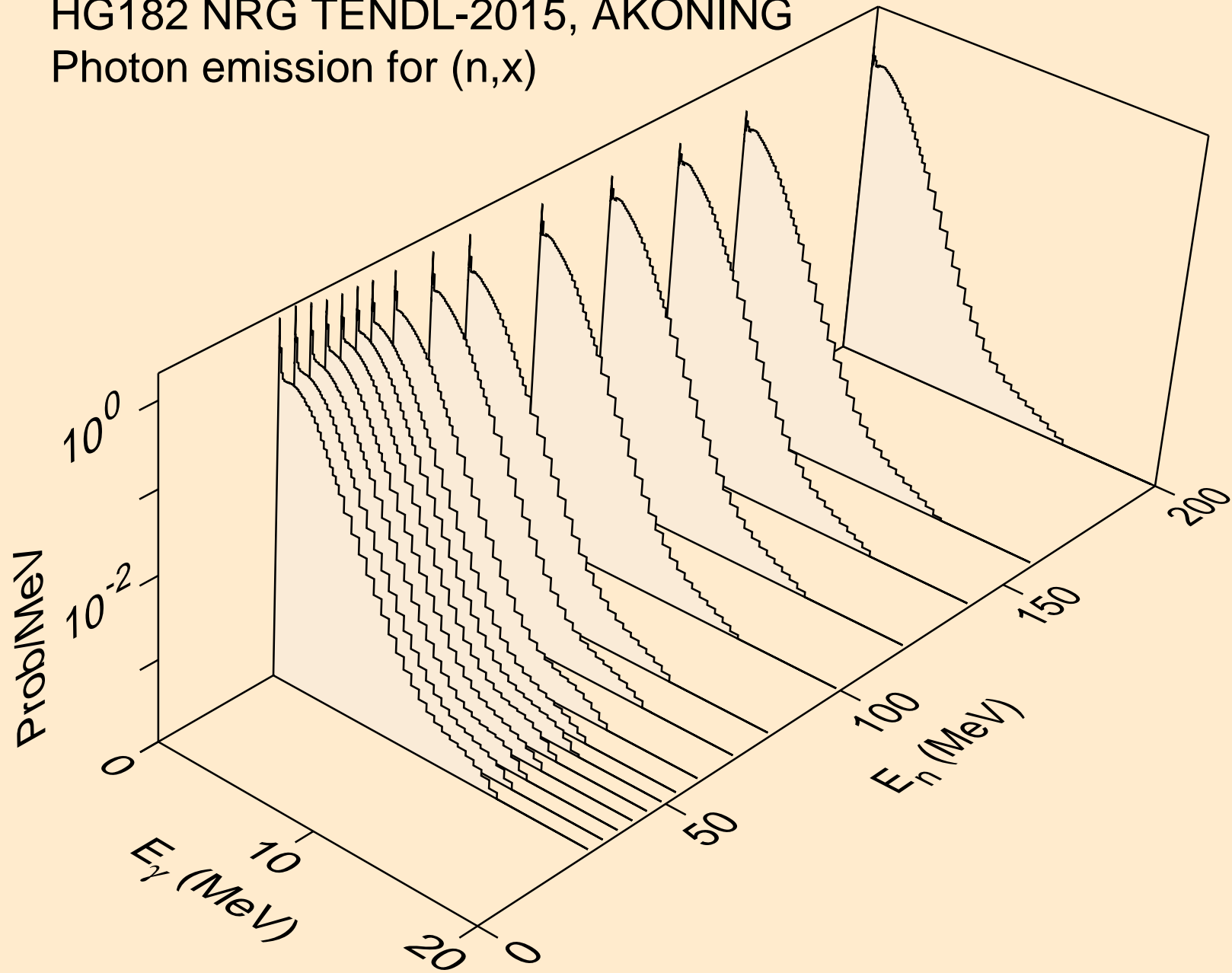
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



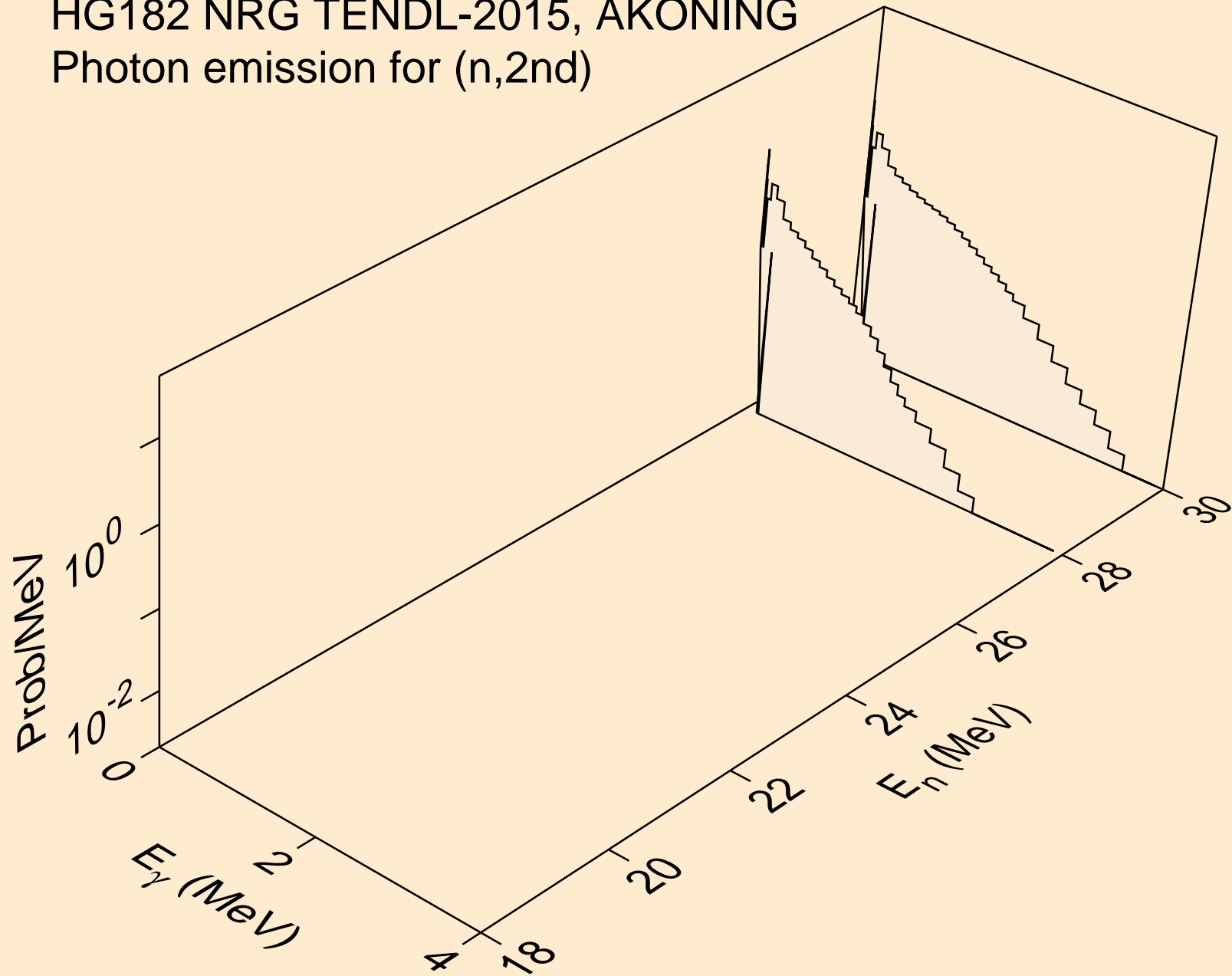
HG182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

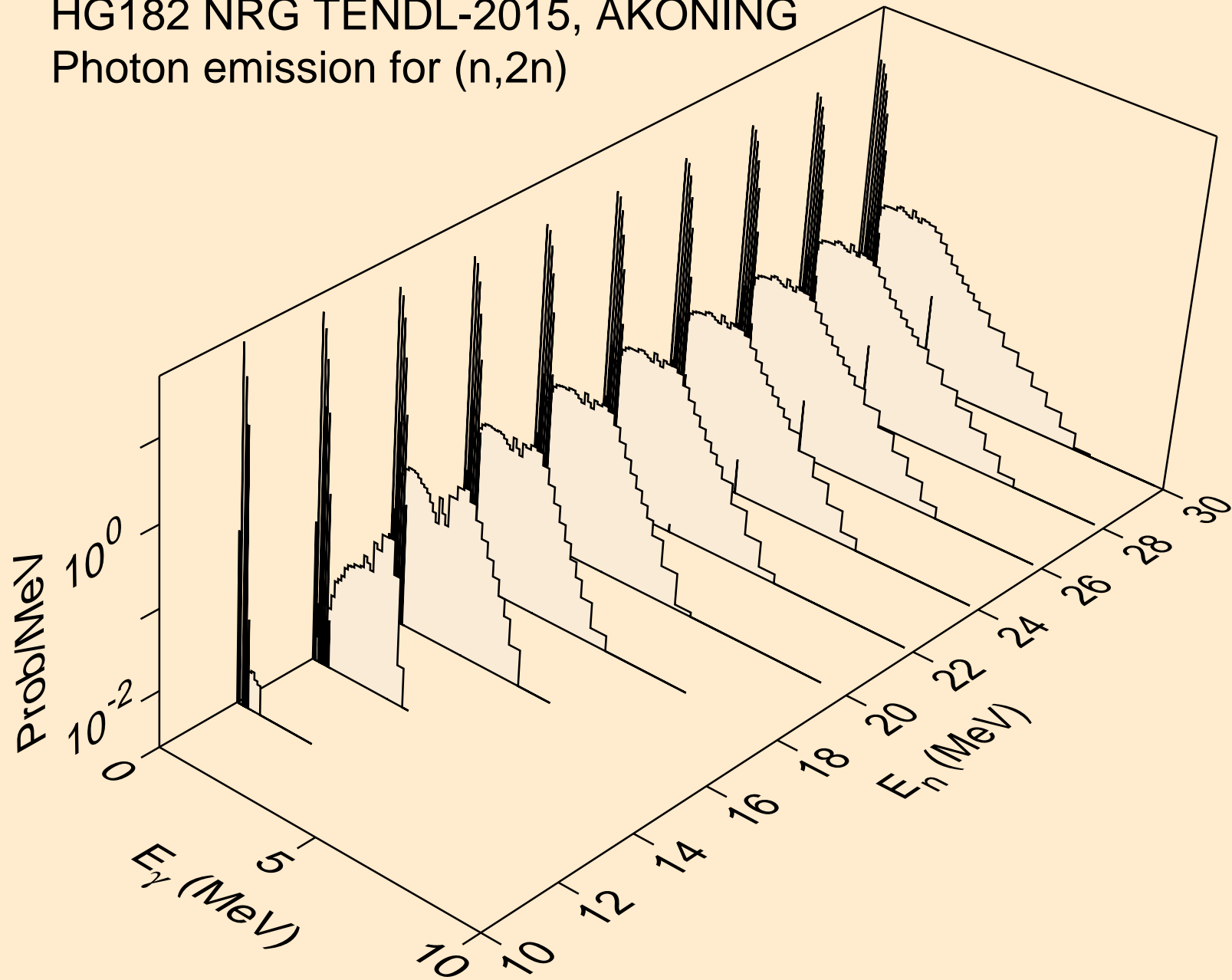


HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

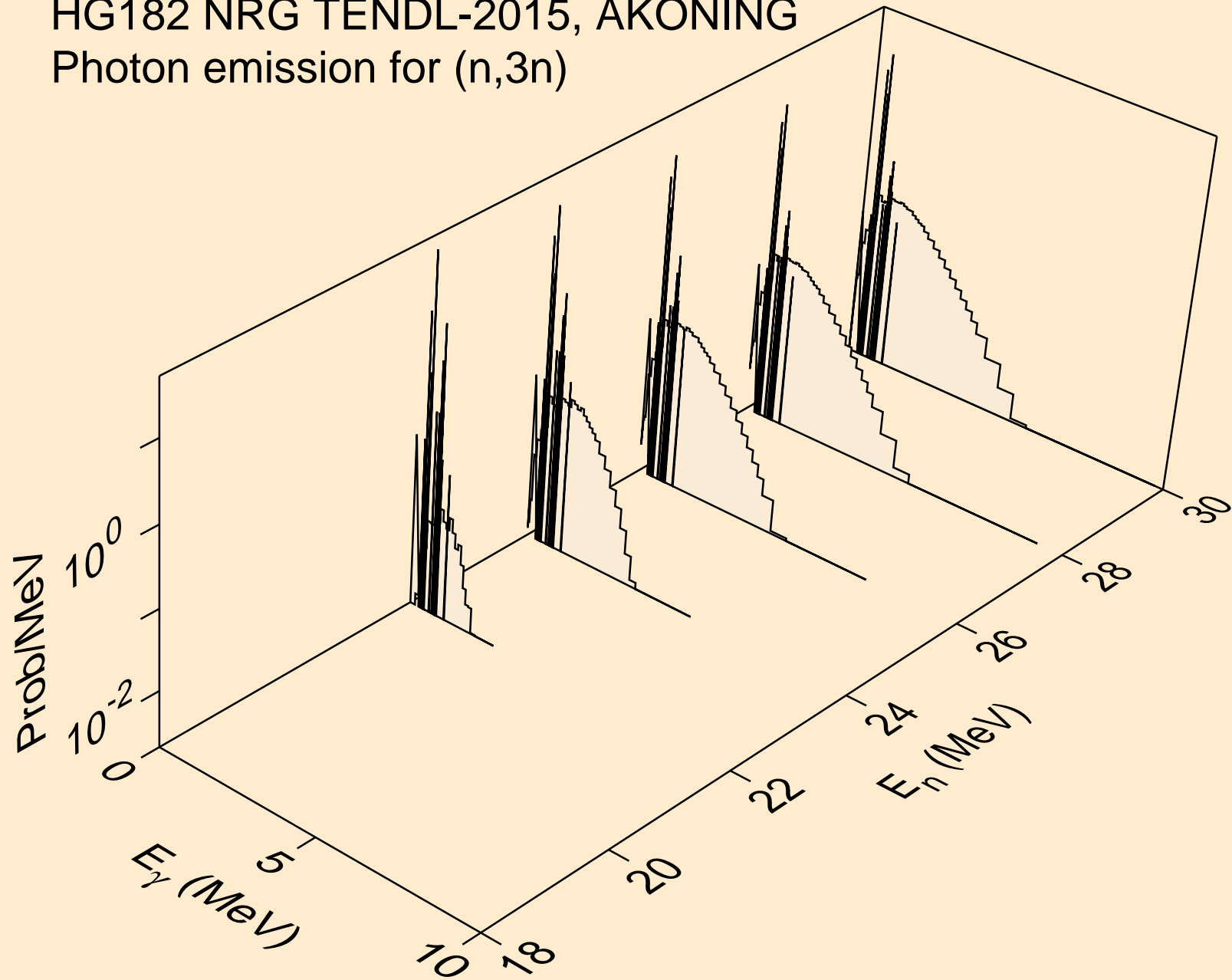




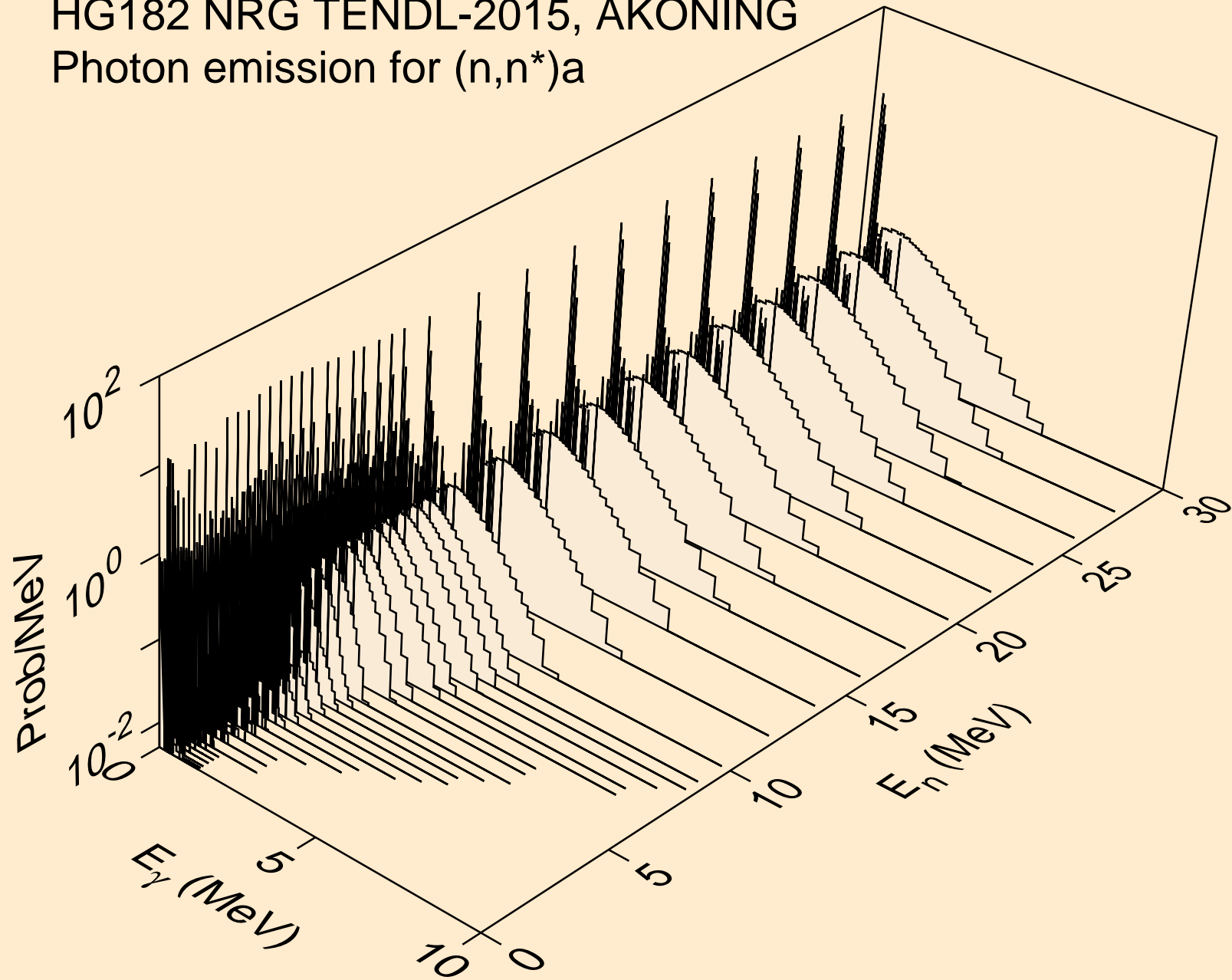
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



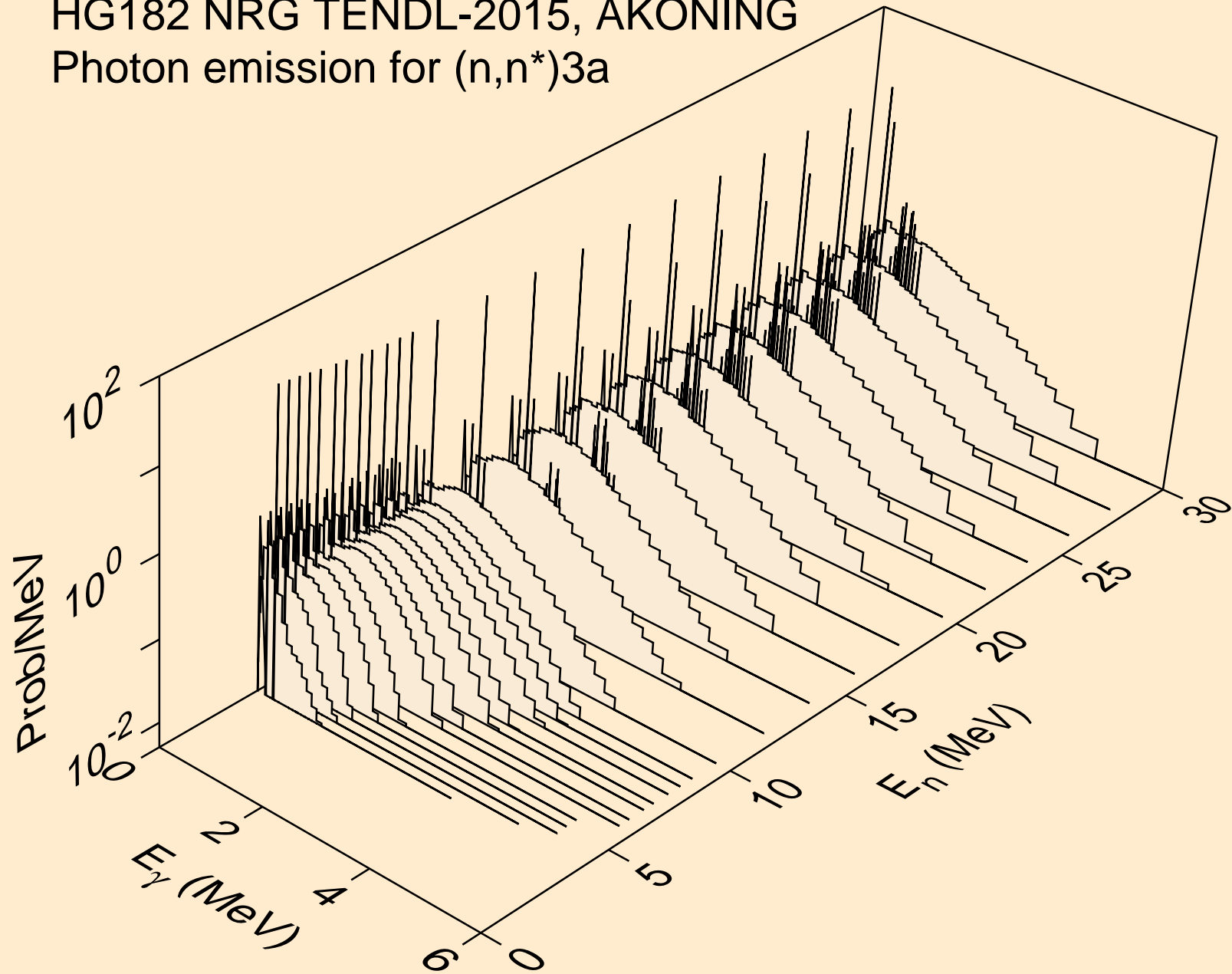
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



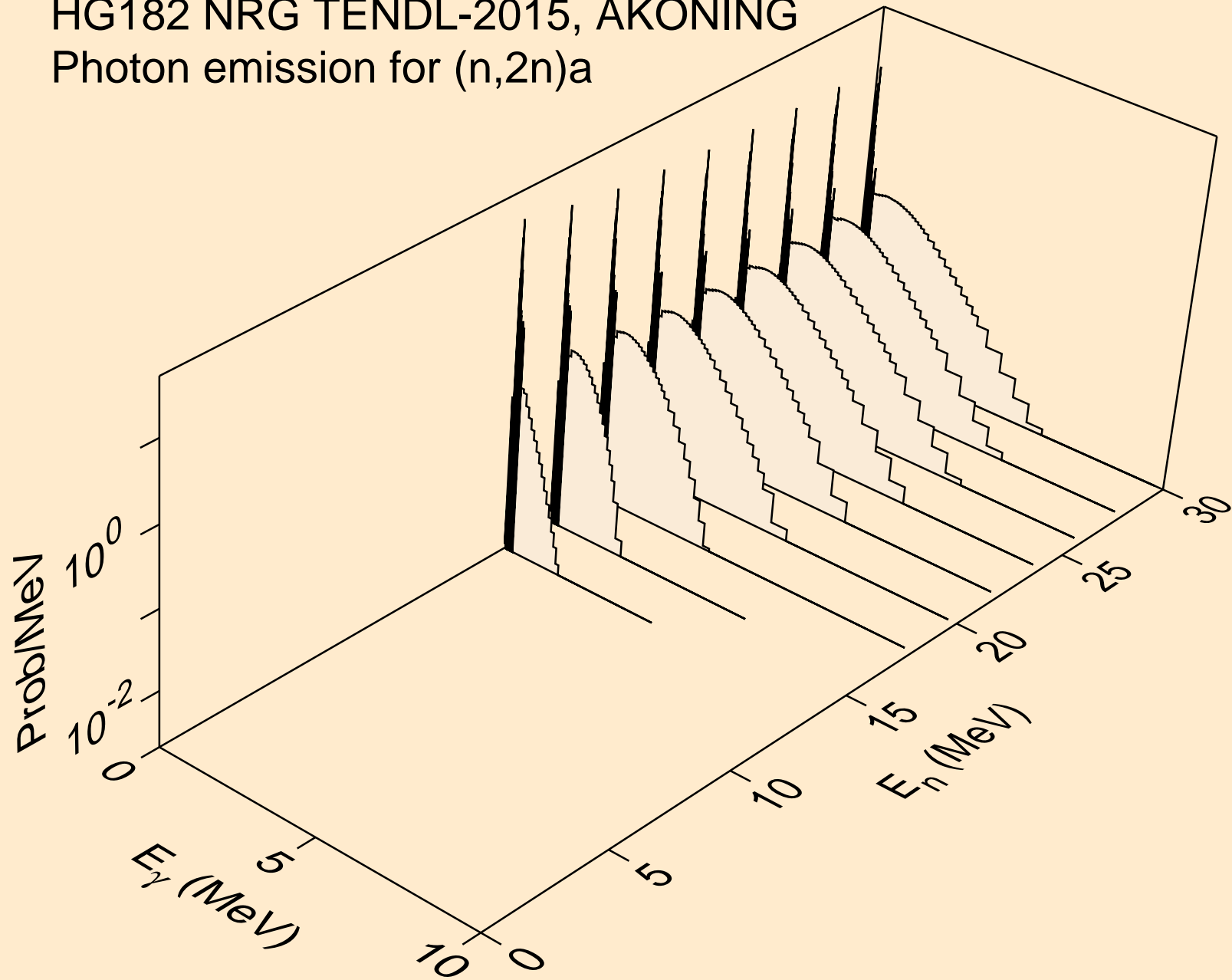
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



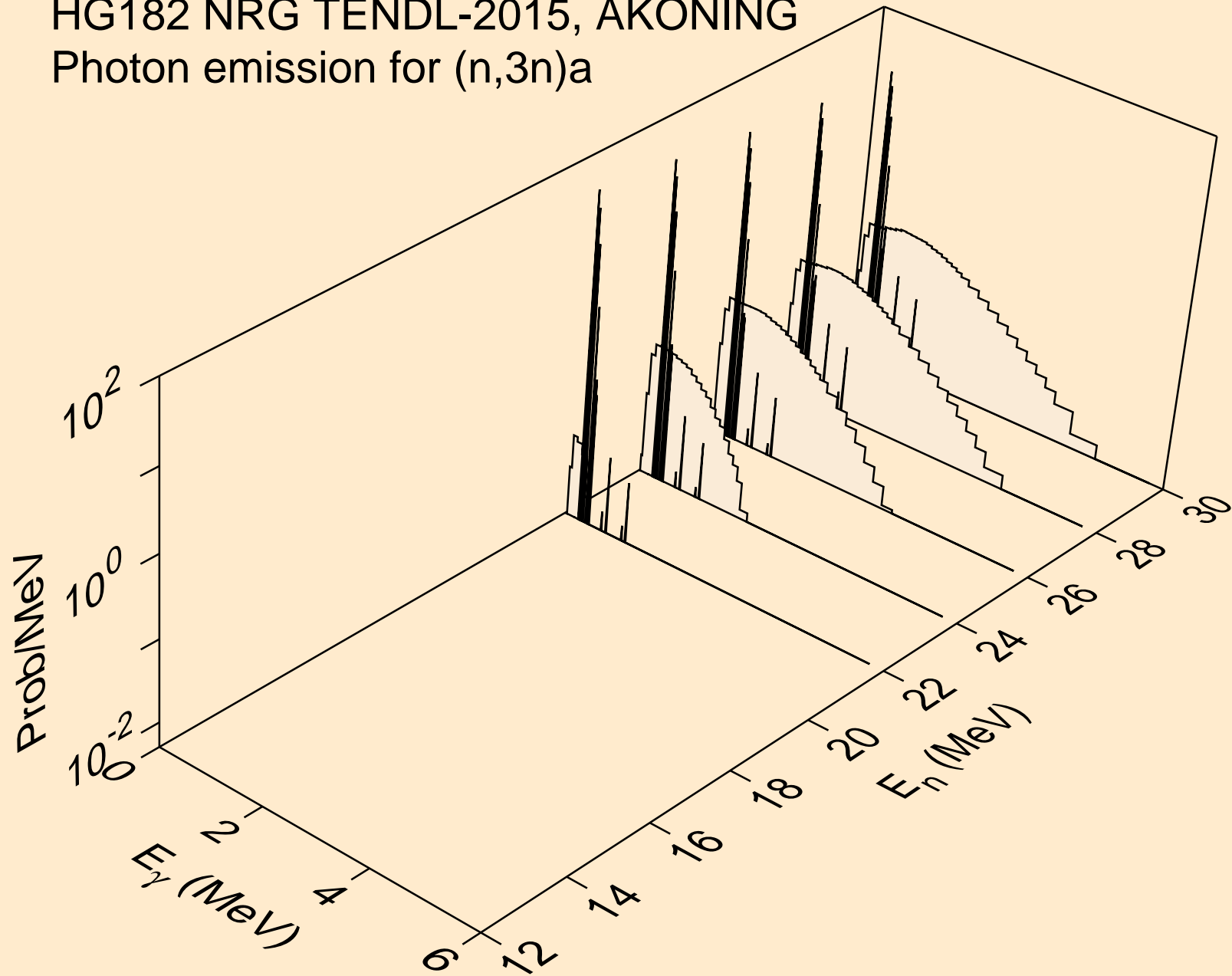
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



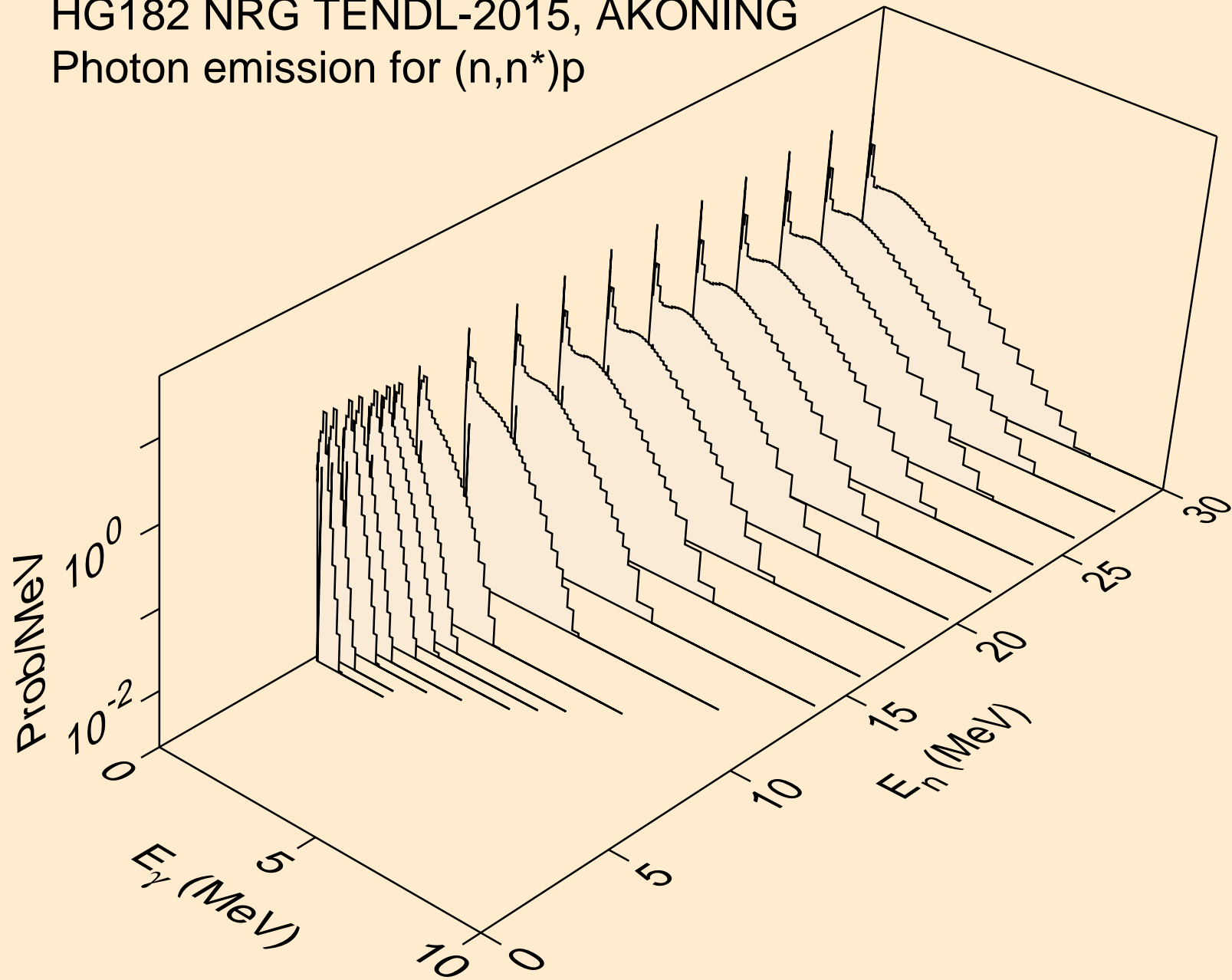
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



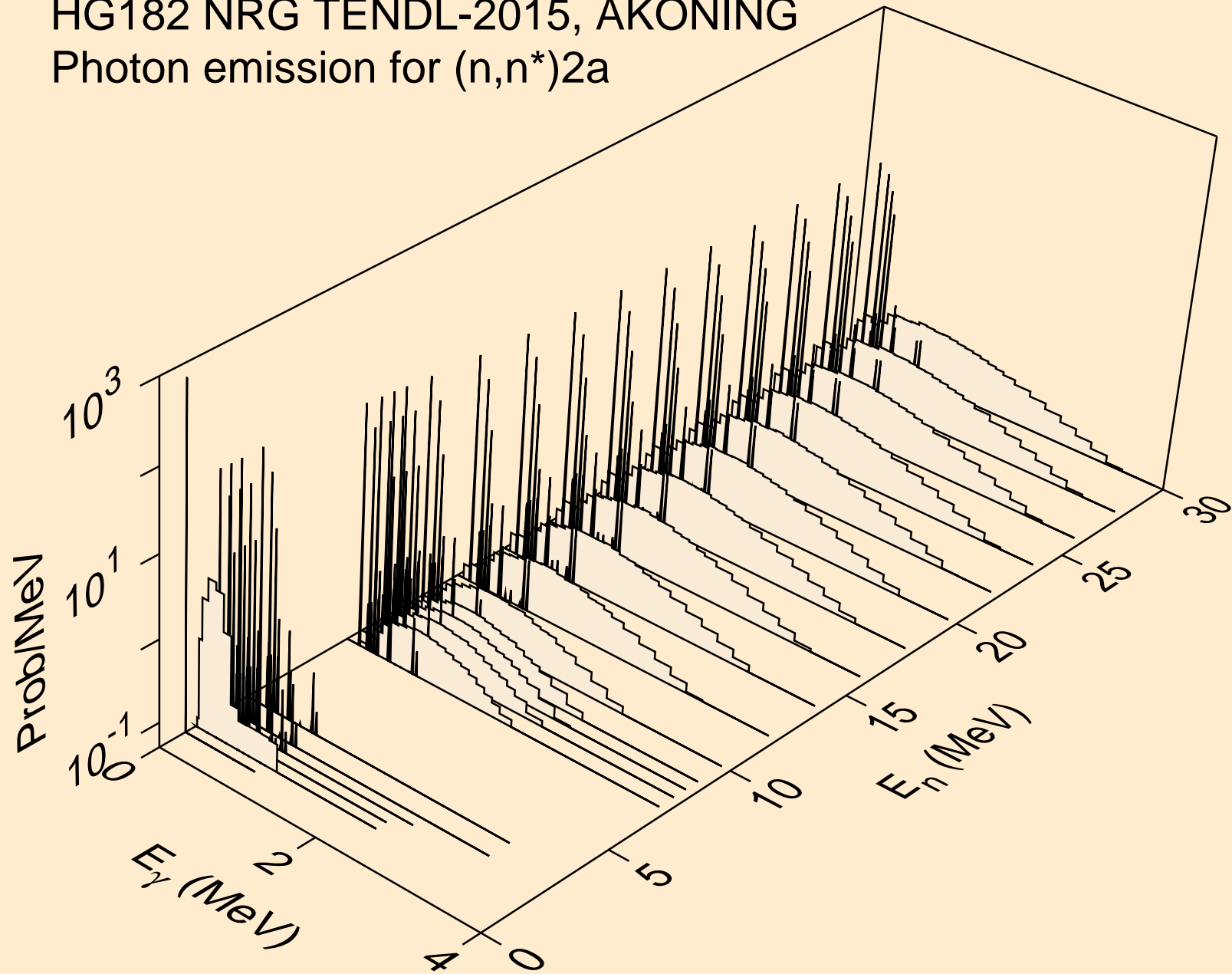
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

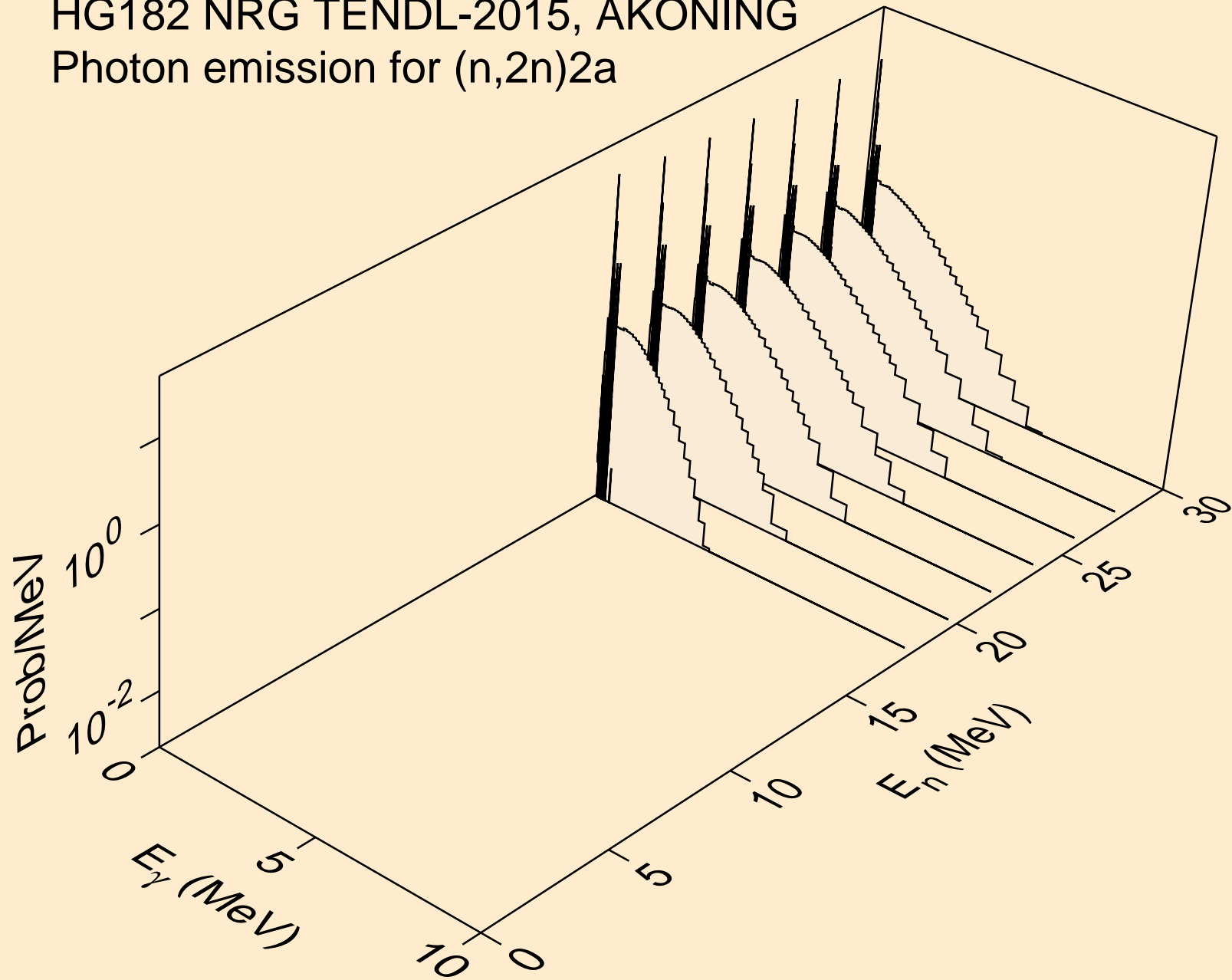


HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

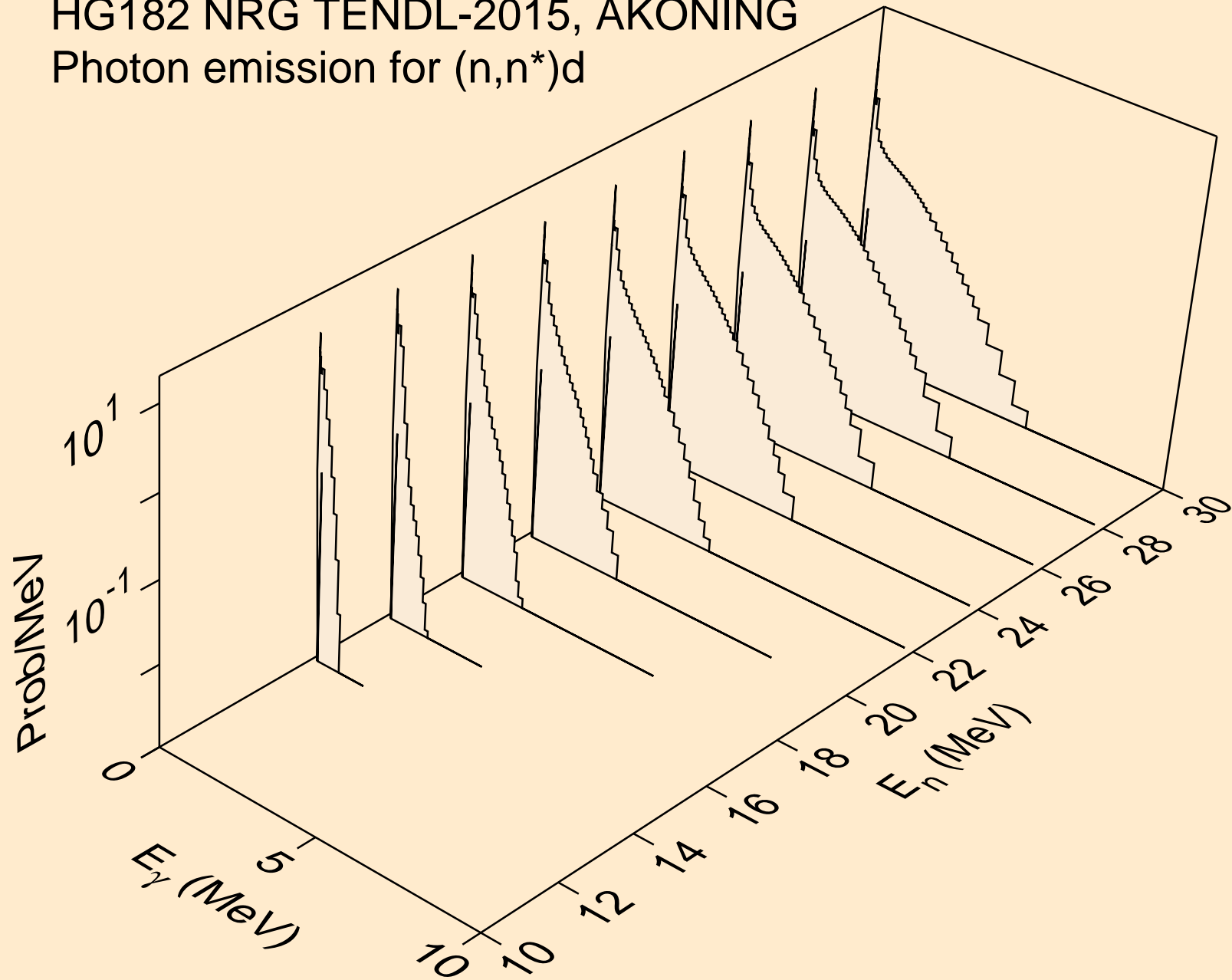




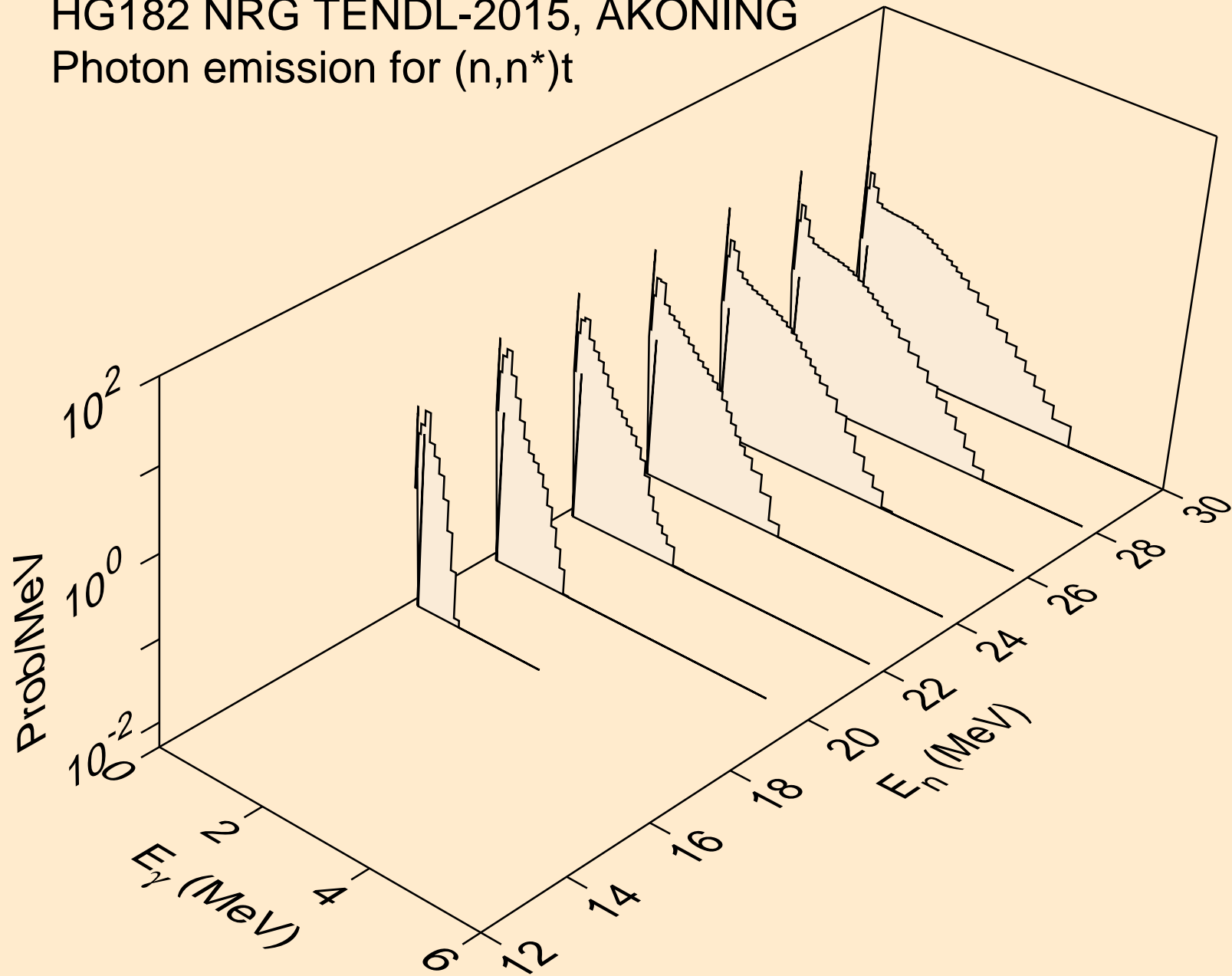
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



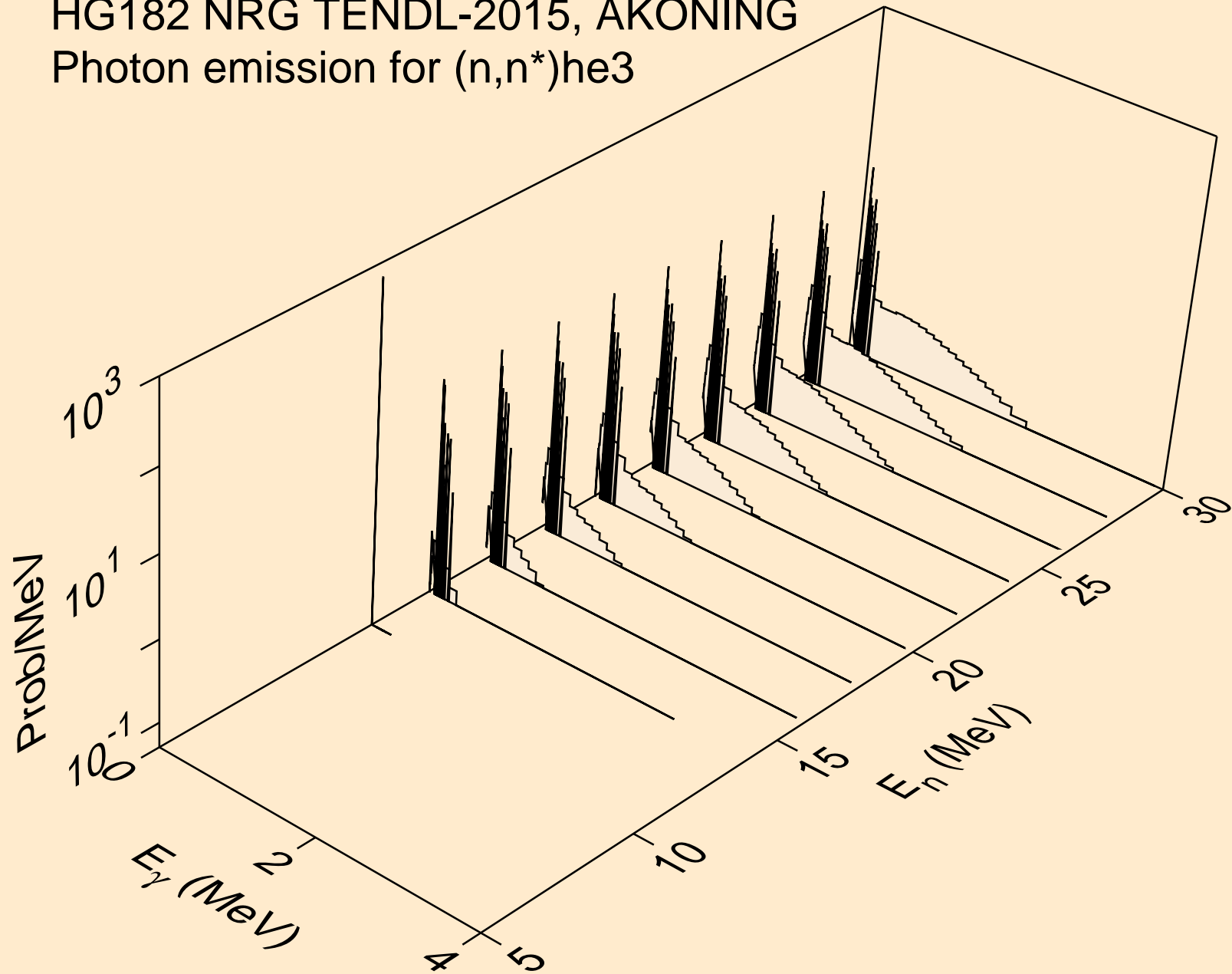
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



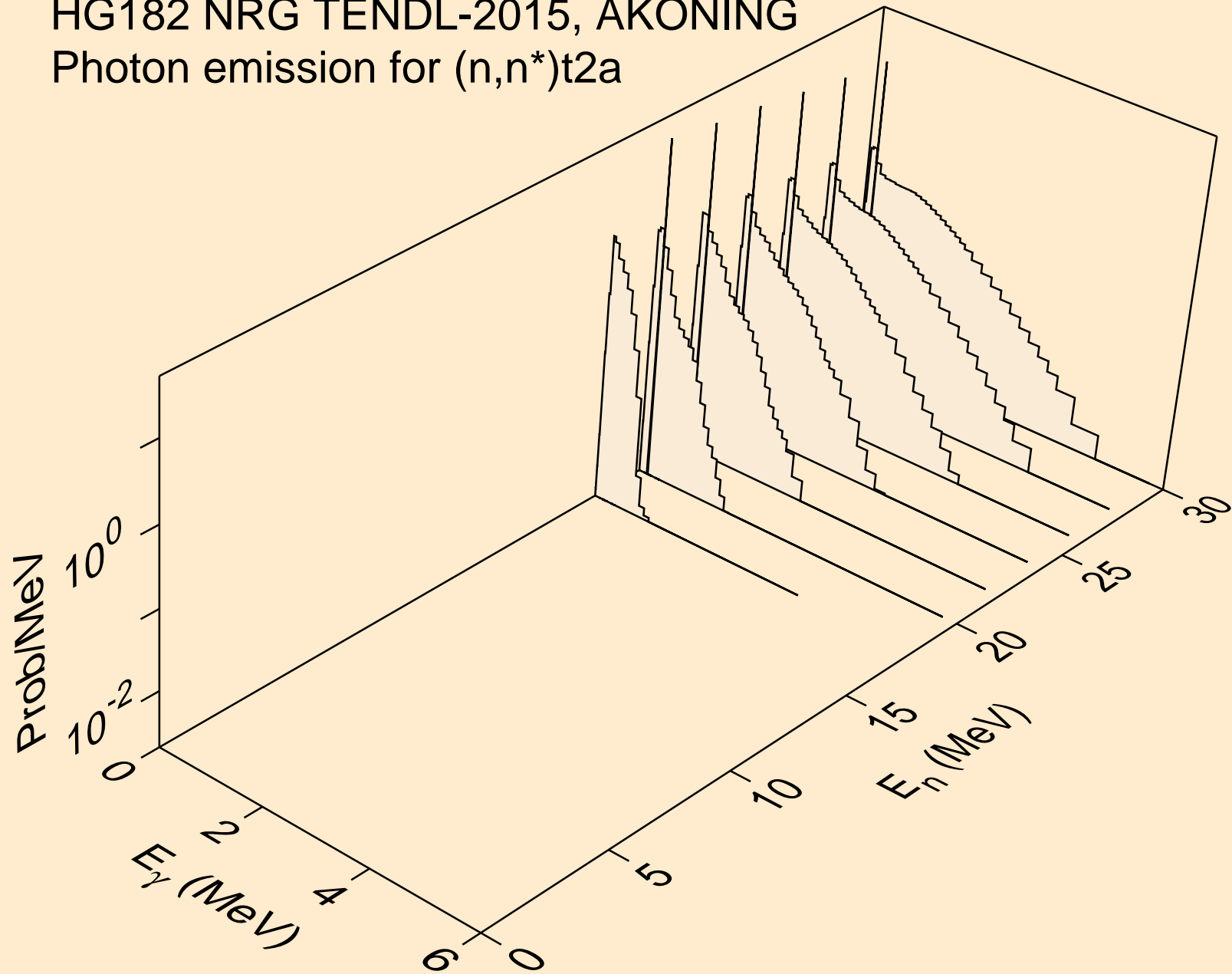
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



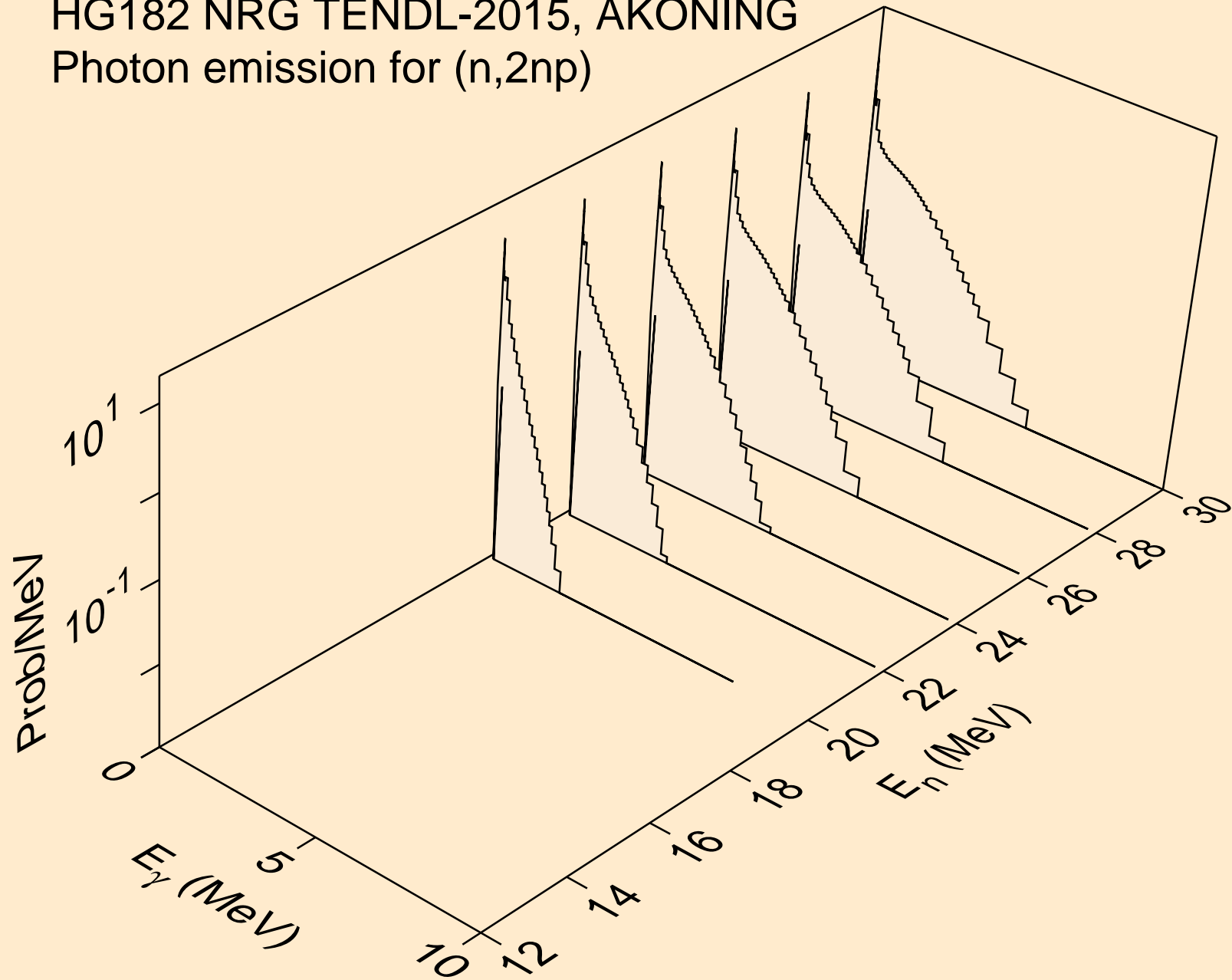
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



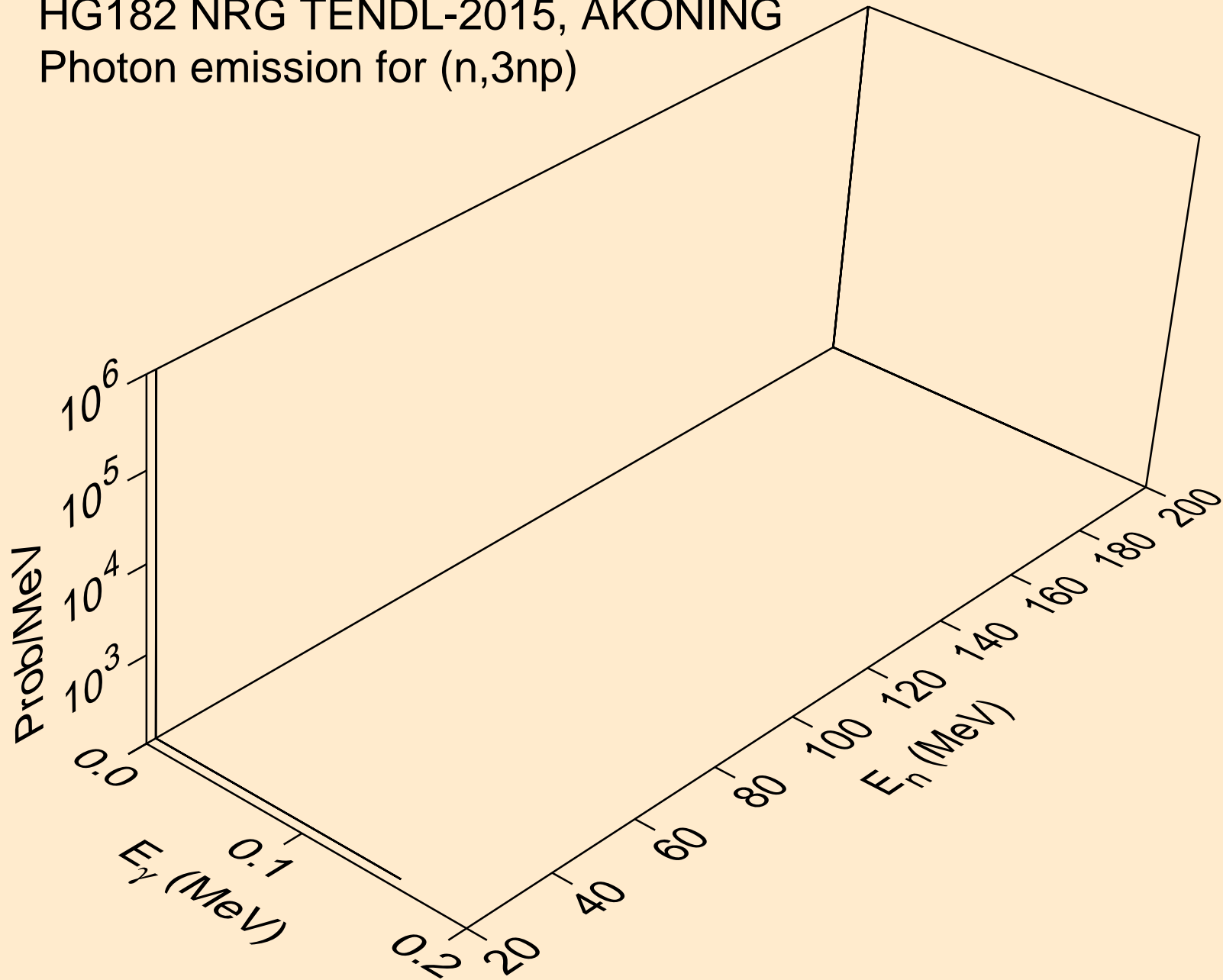
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



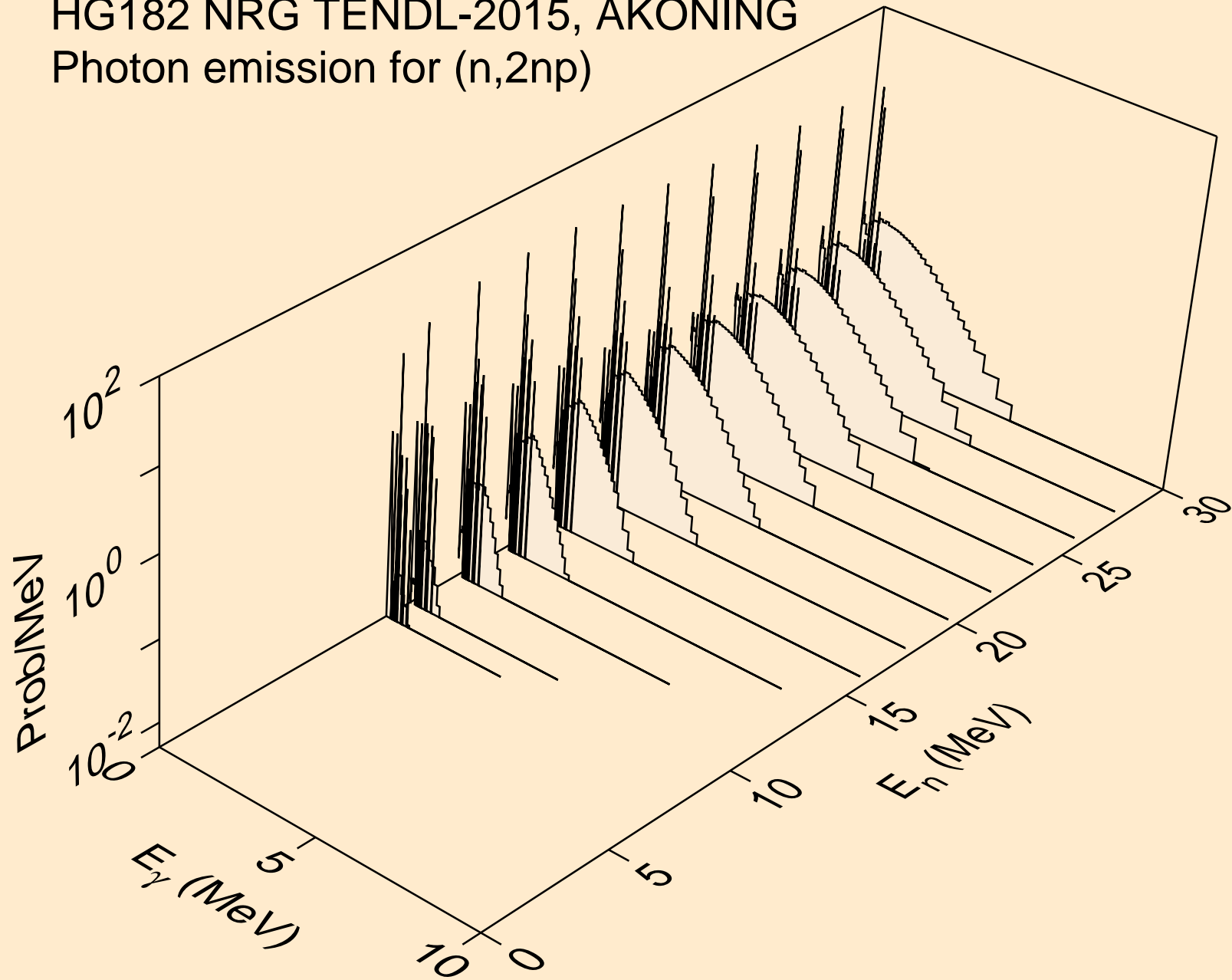
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

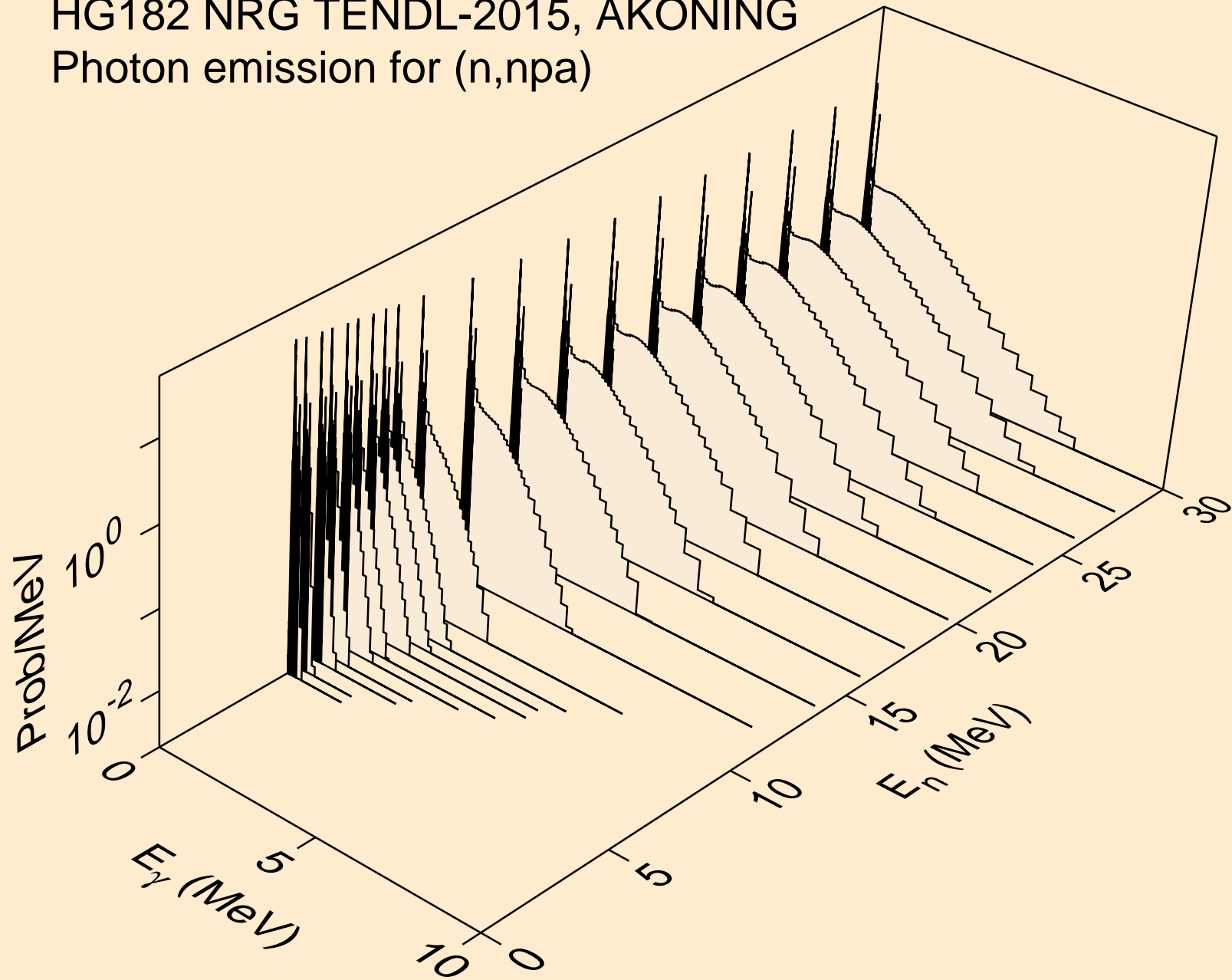


HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

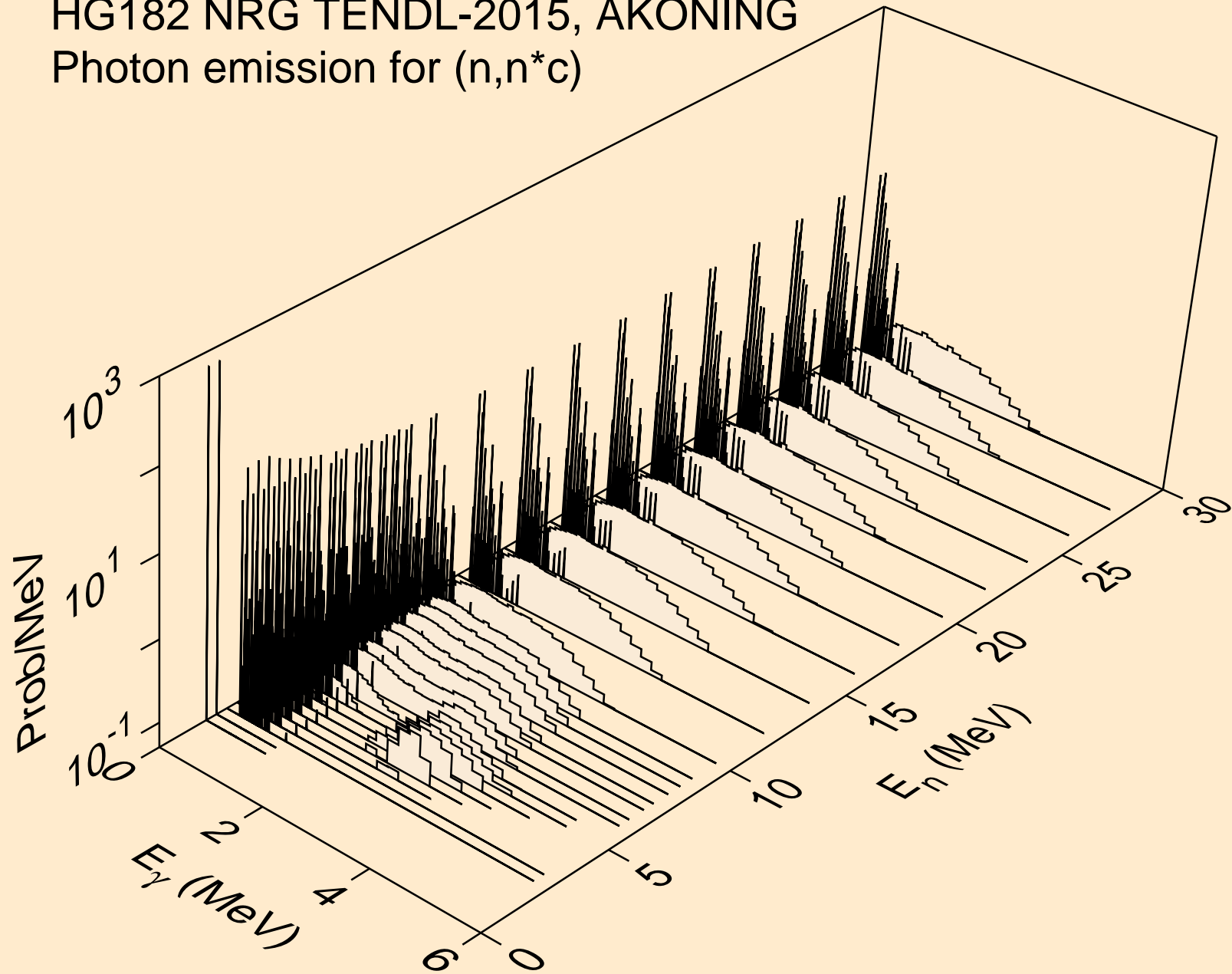




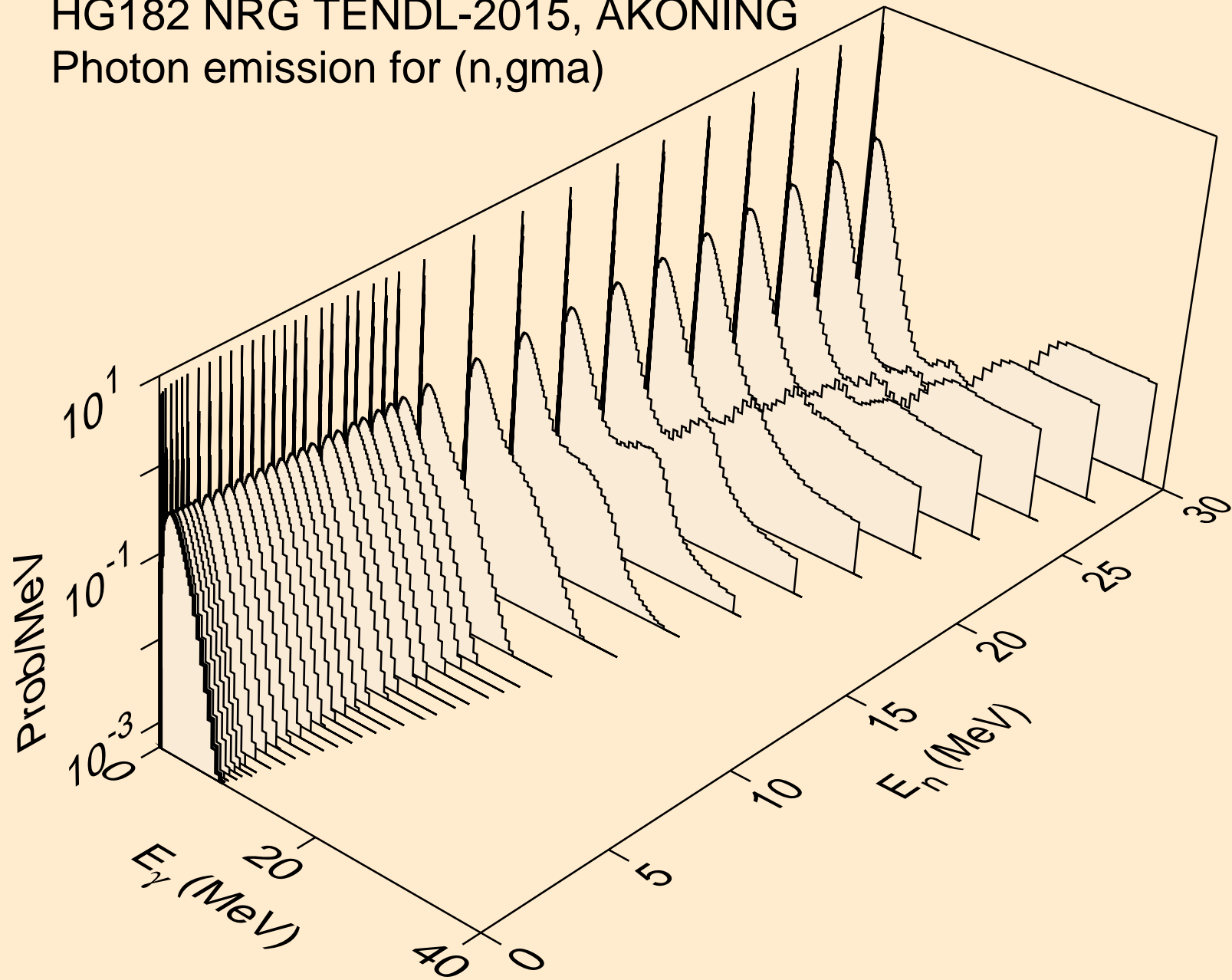
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



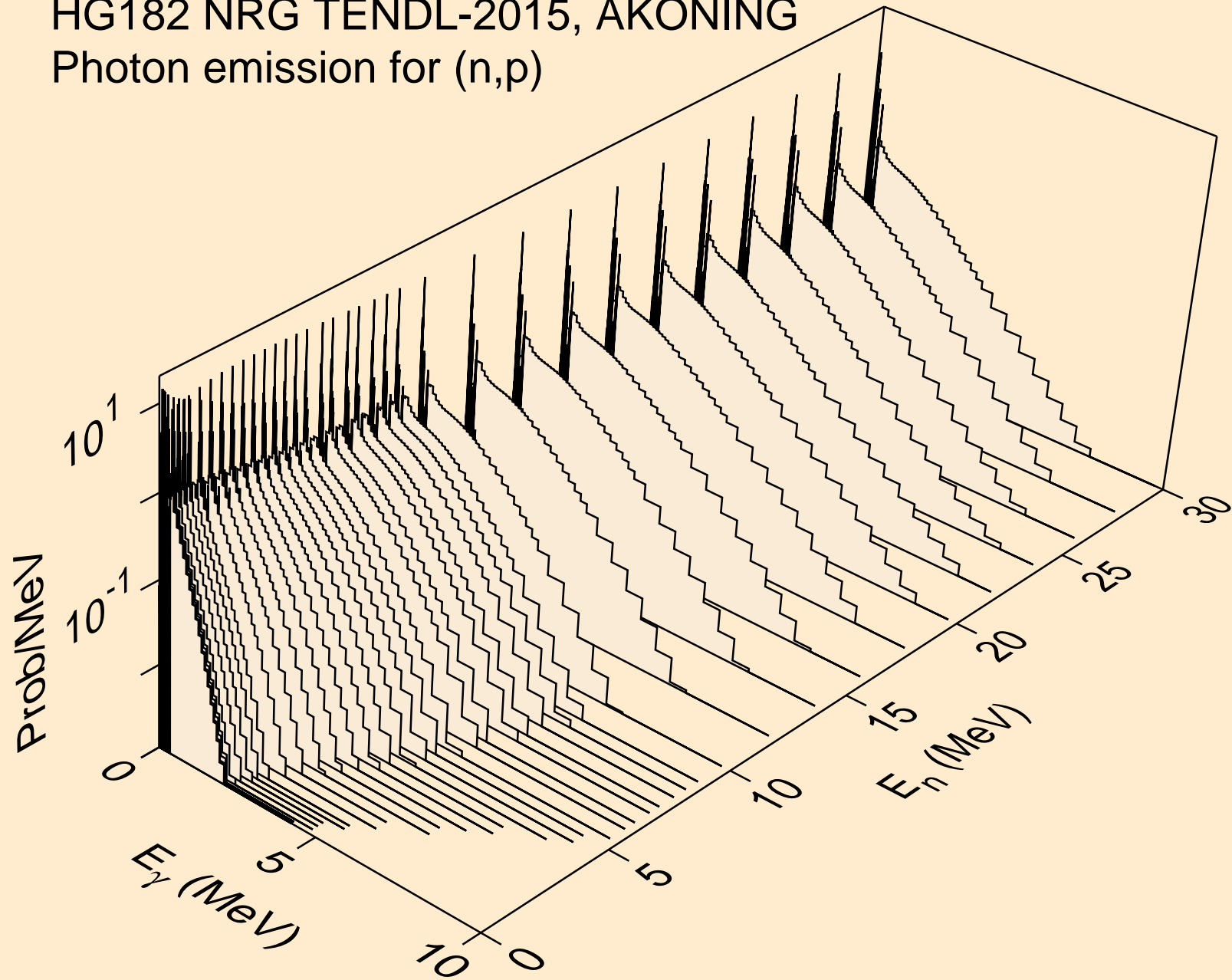
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



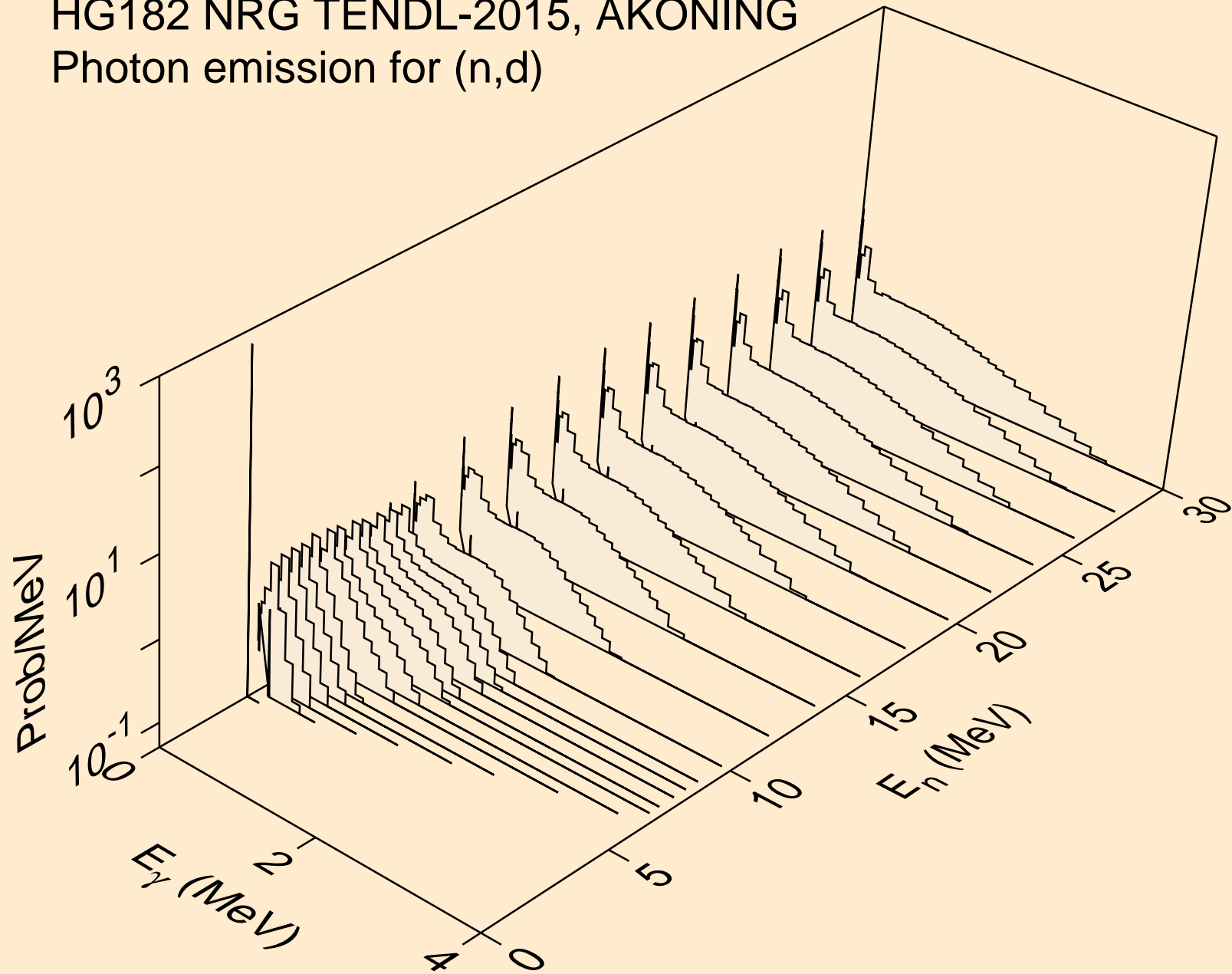
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



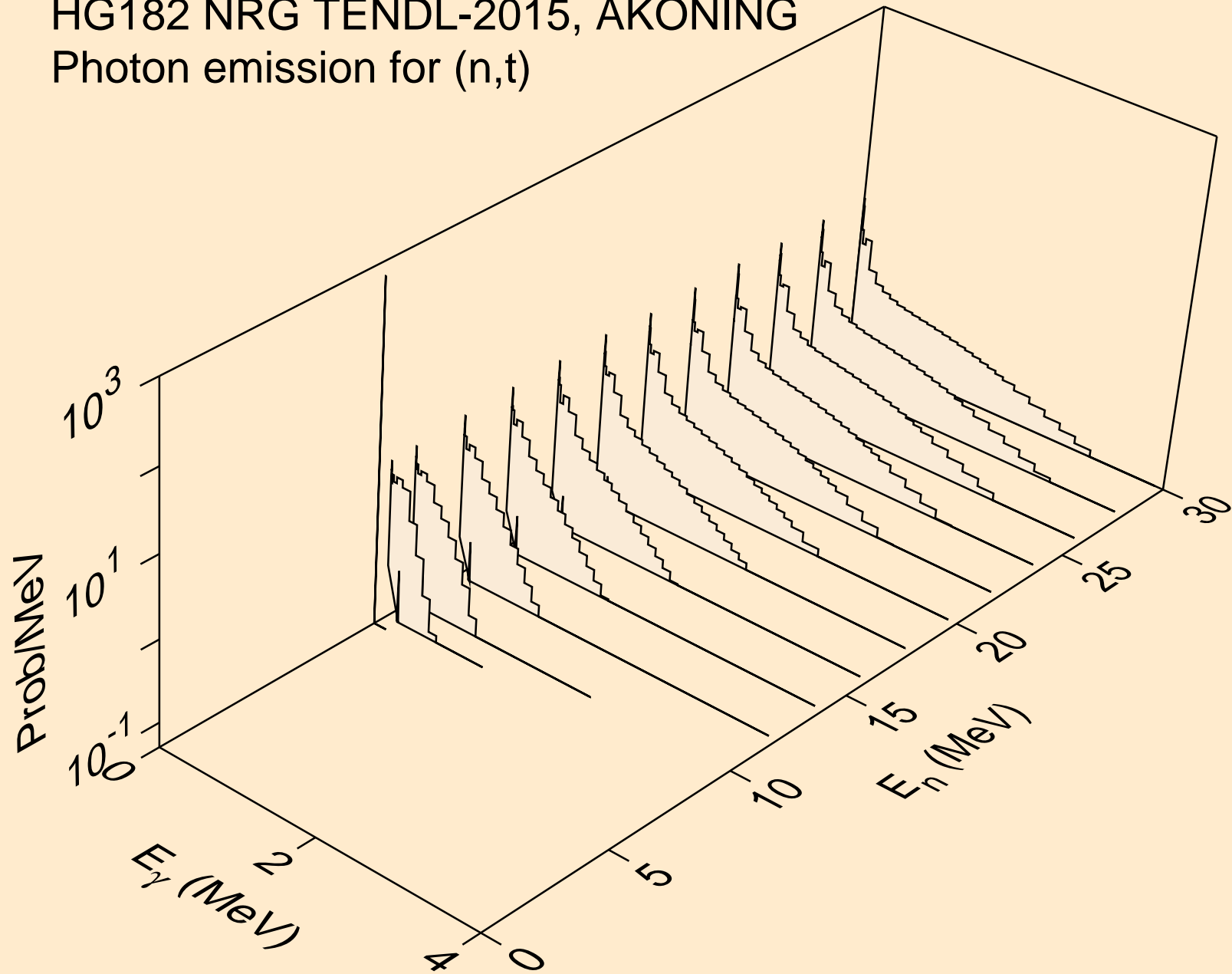
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



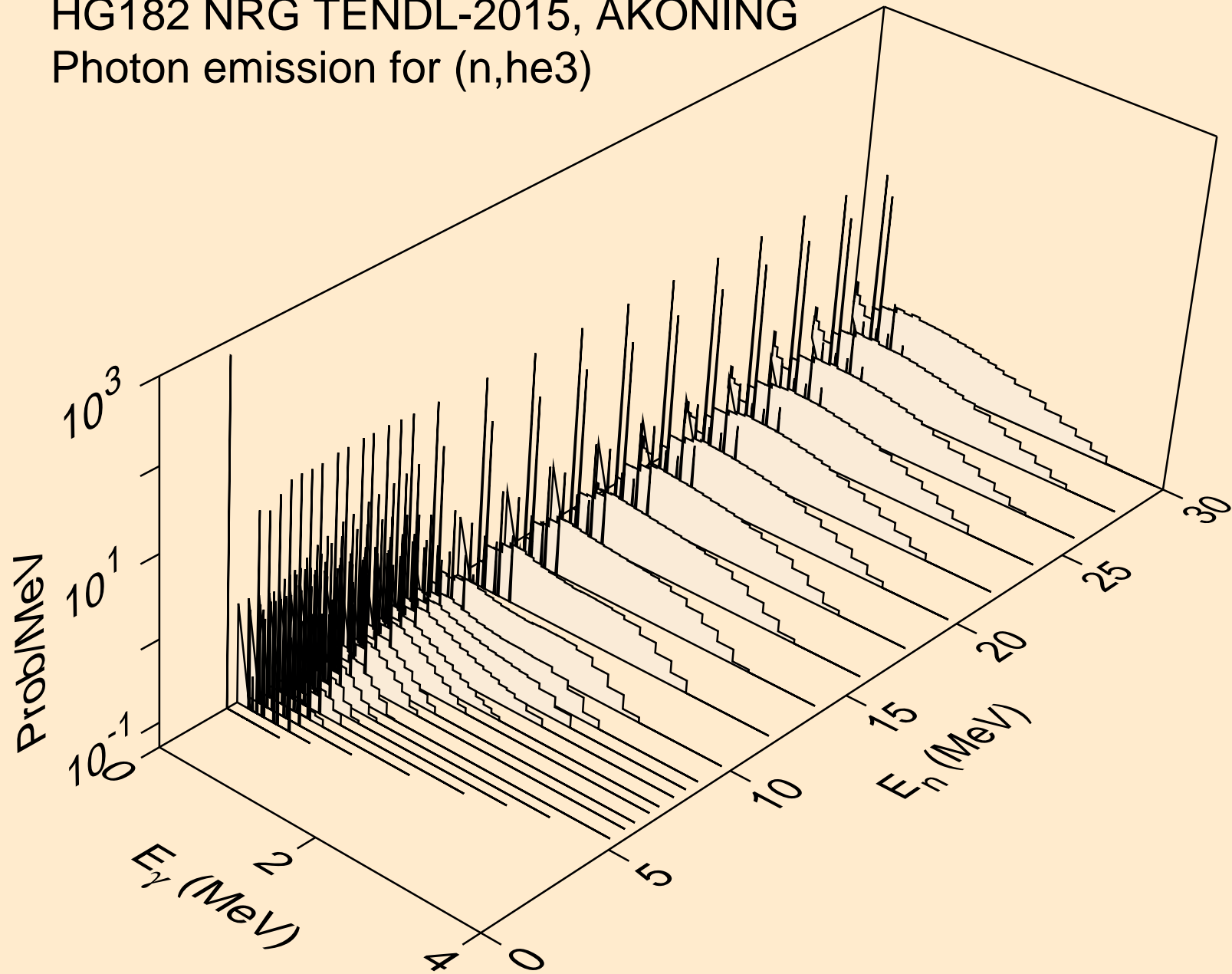
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



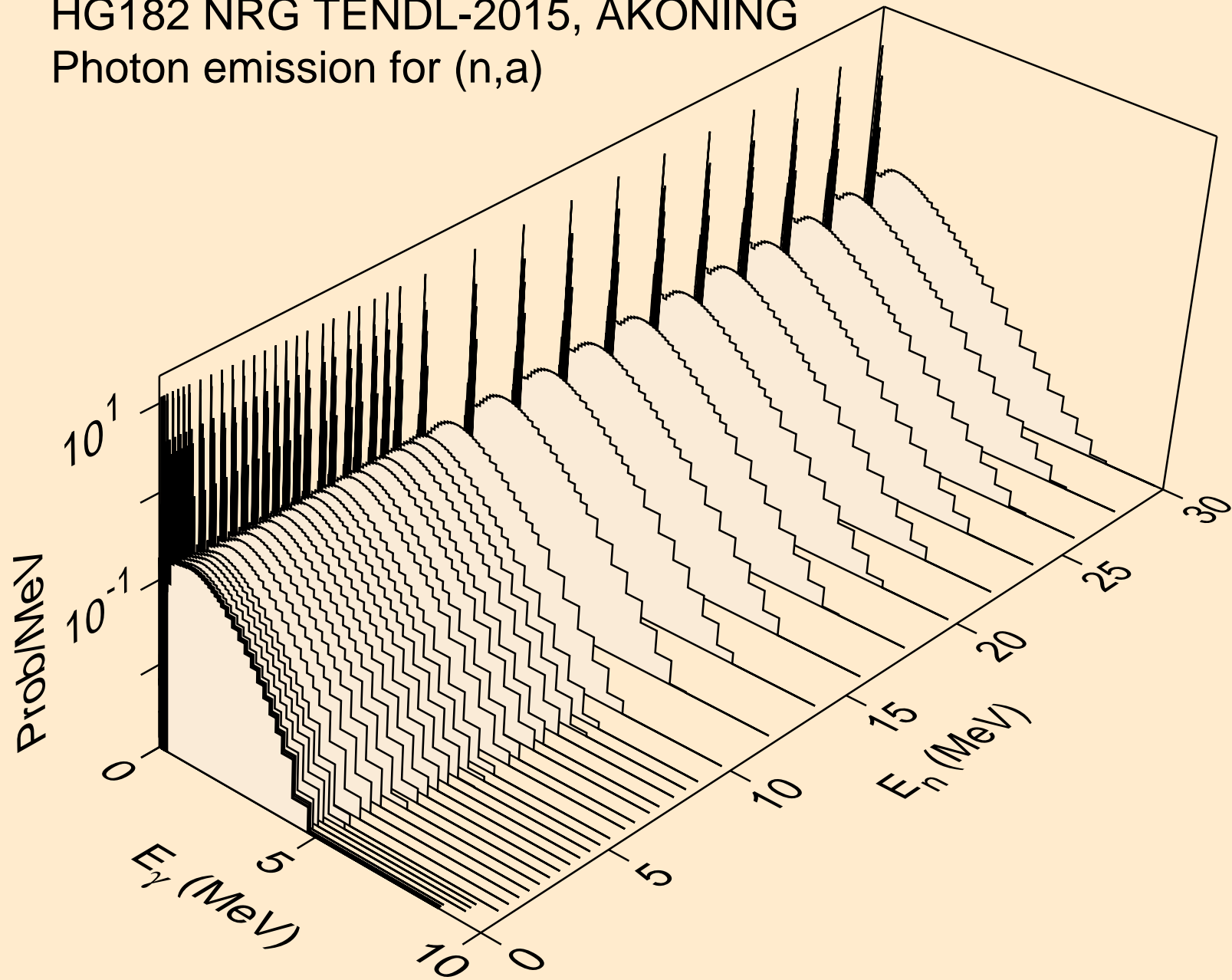
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

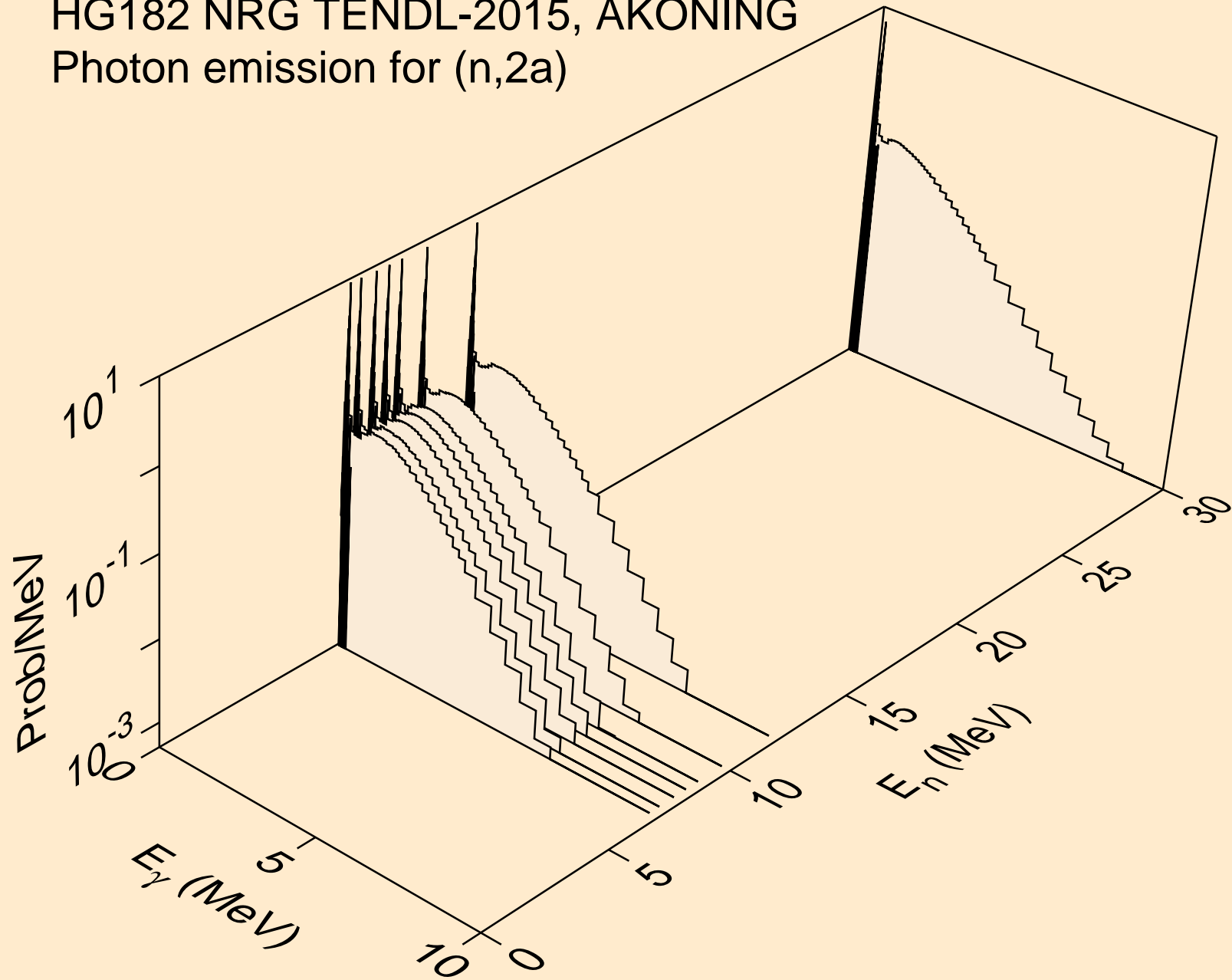


HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

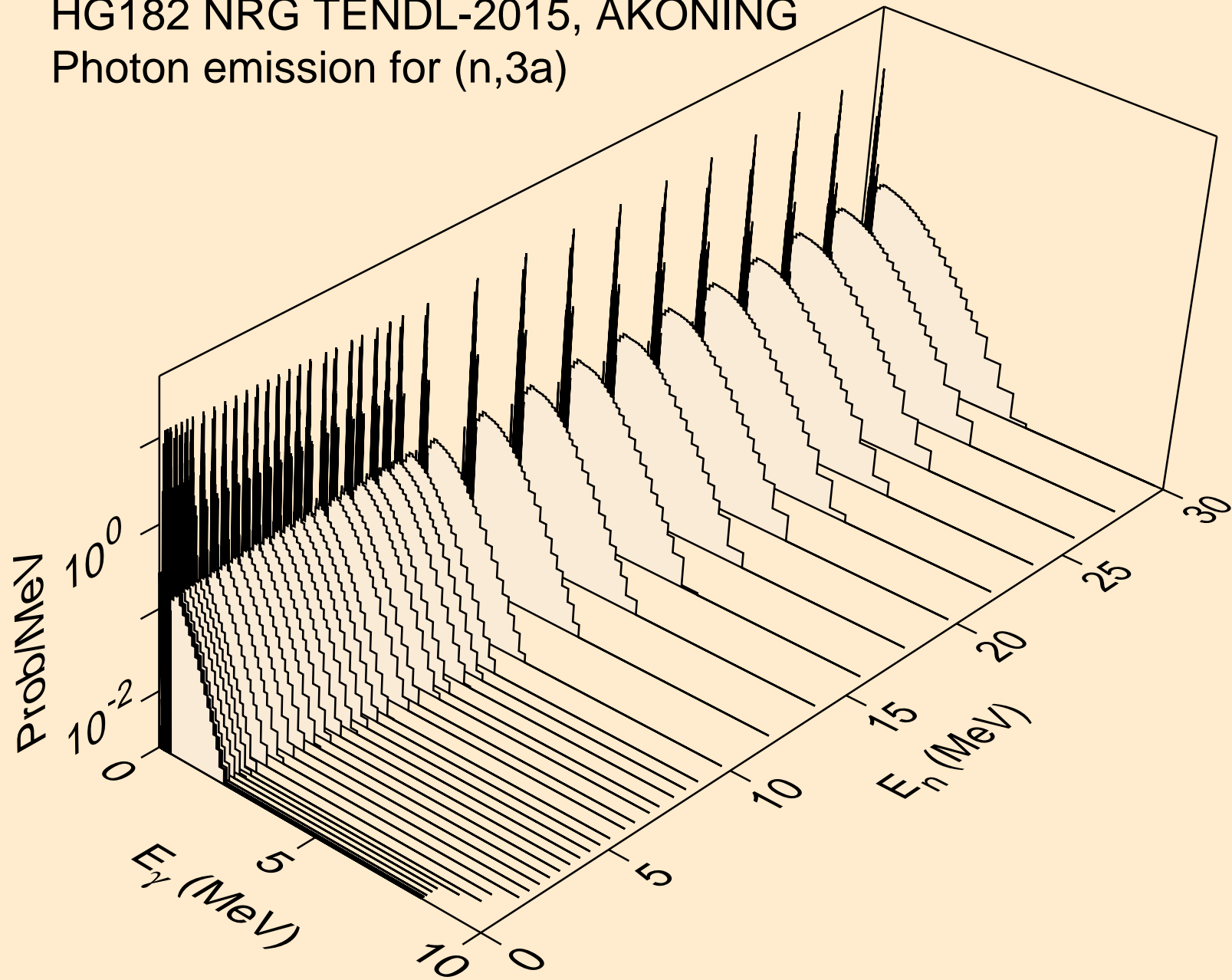




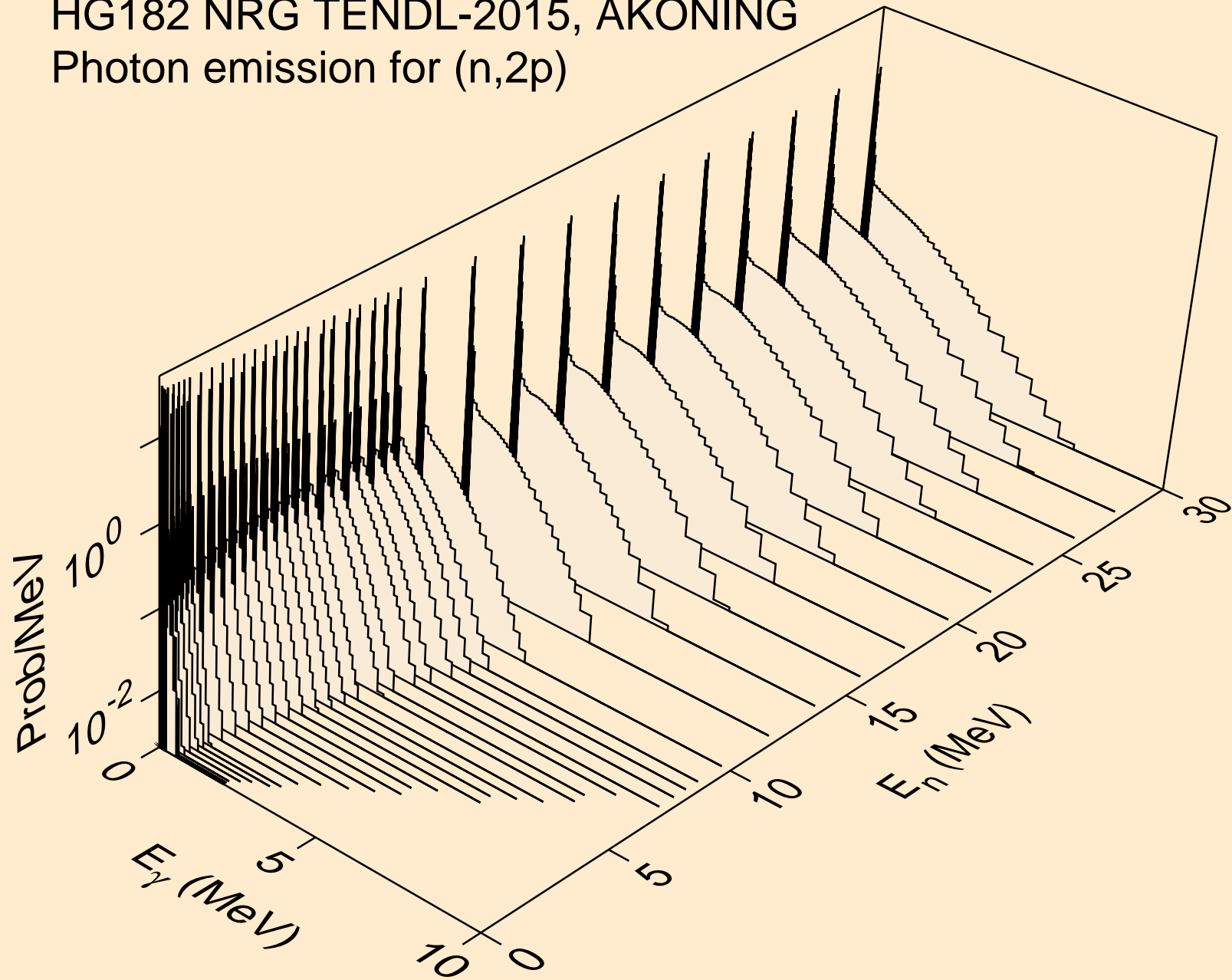
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



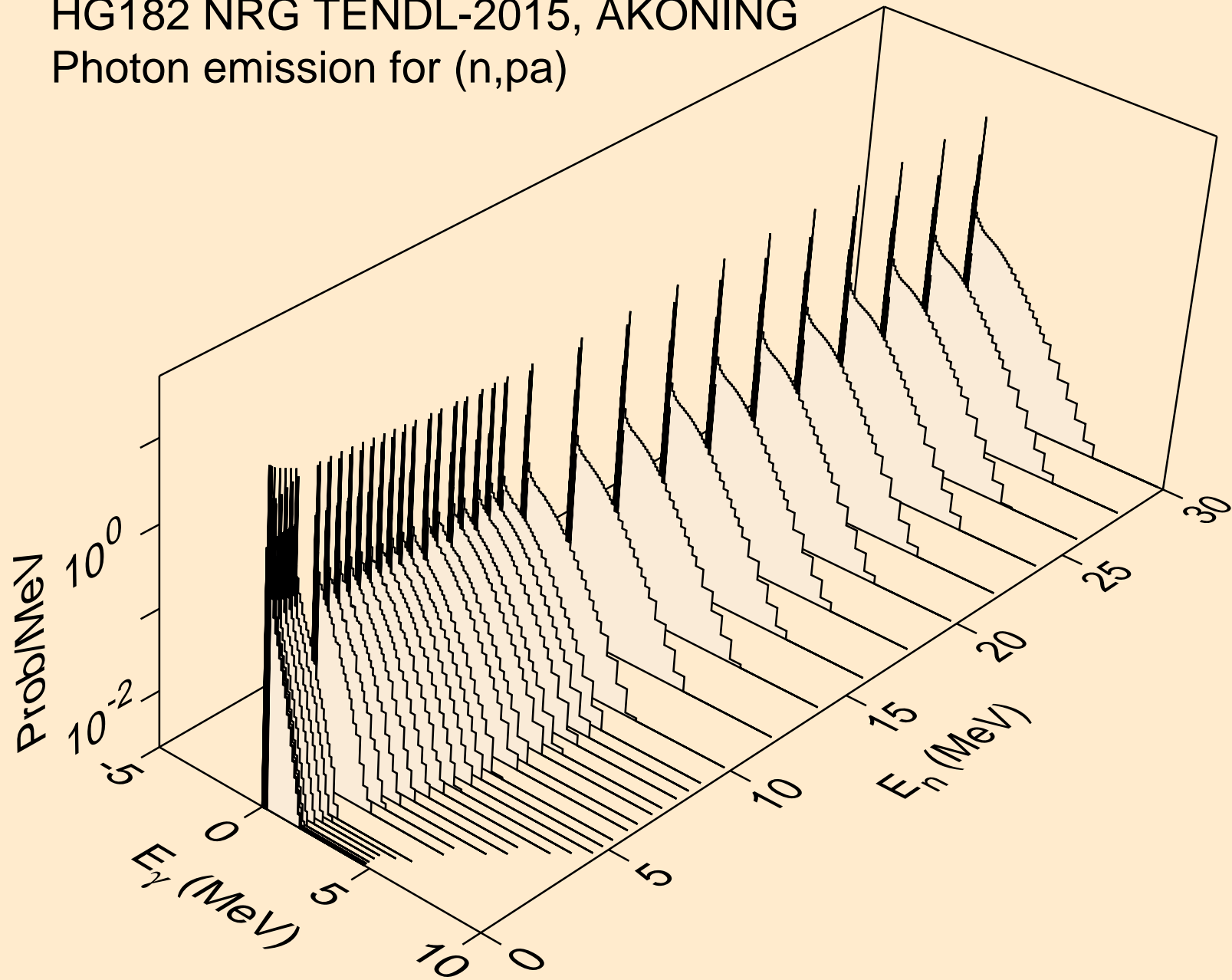
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



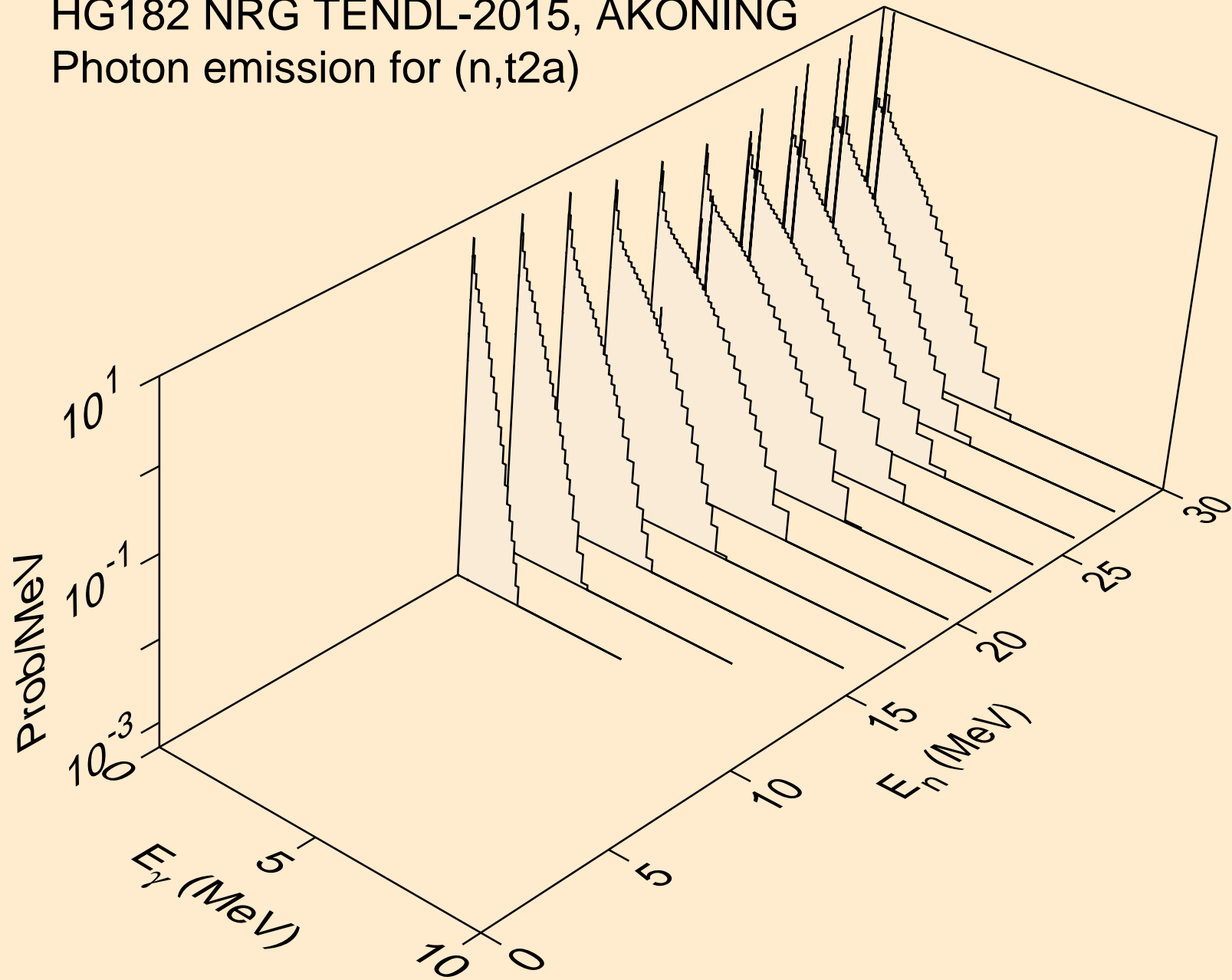
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



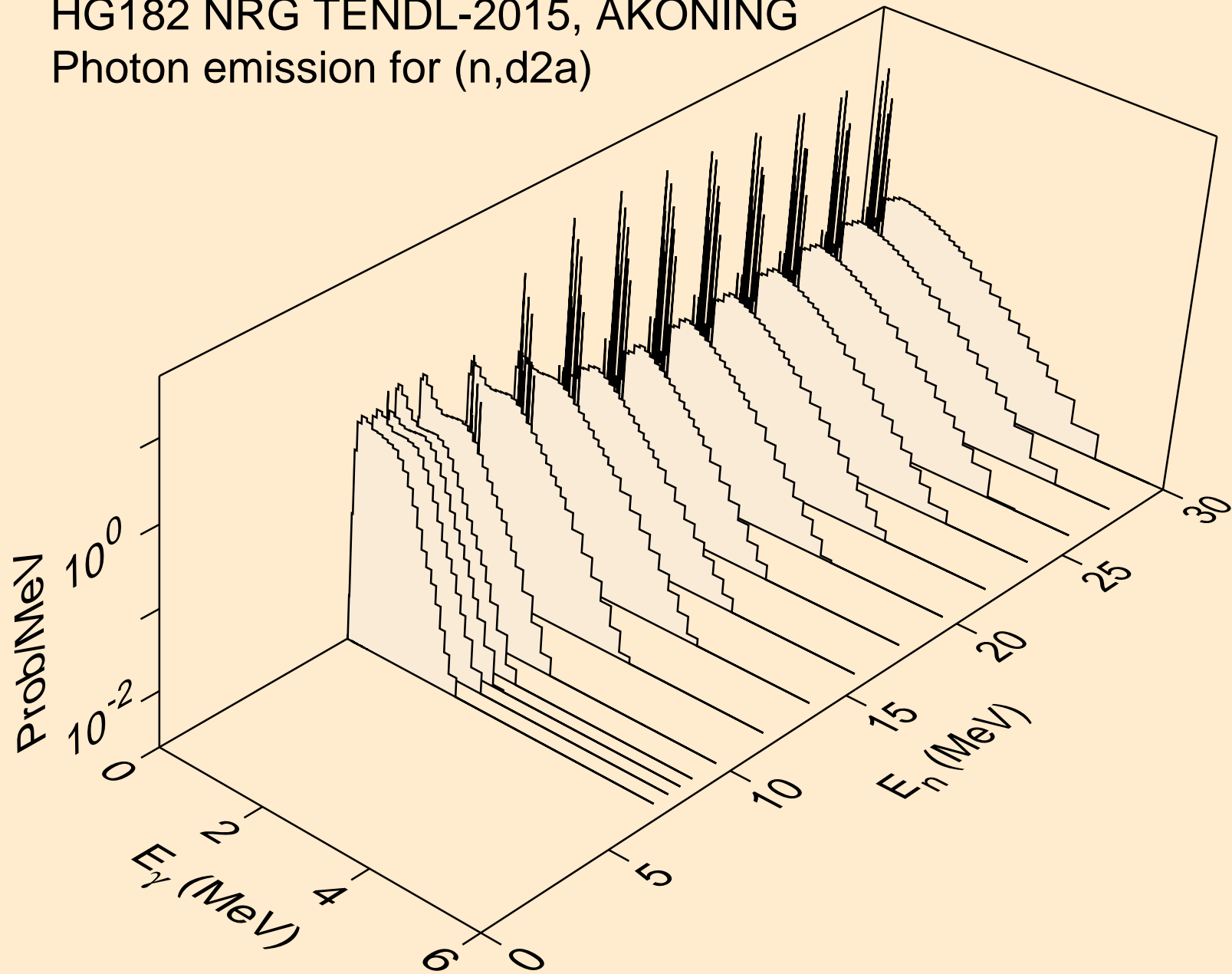
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



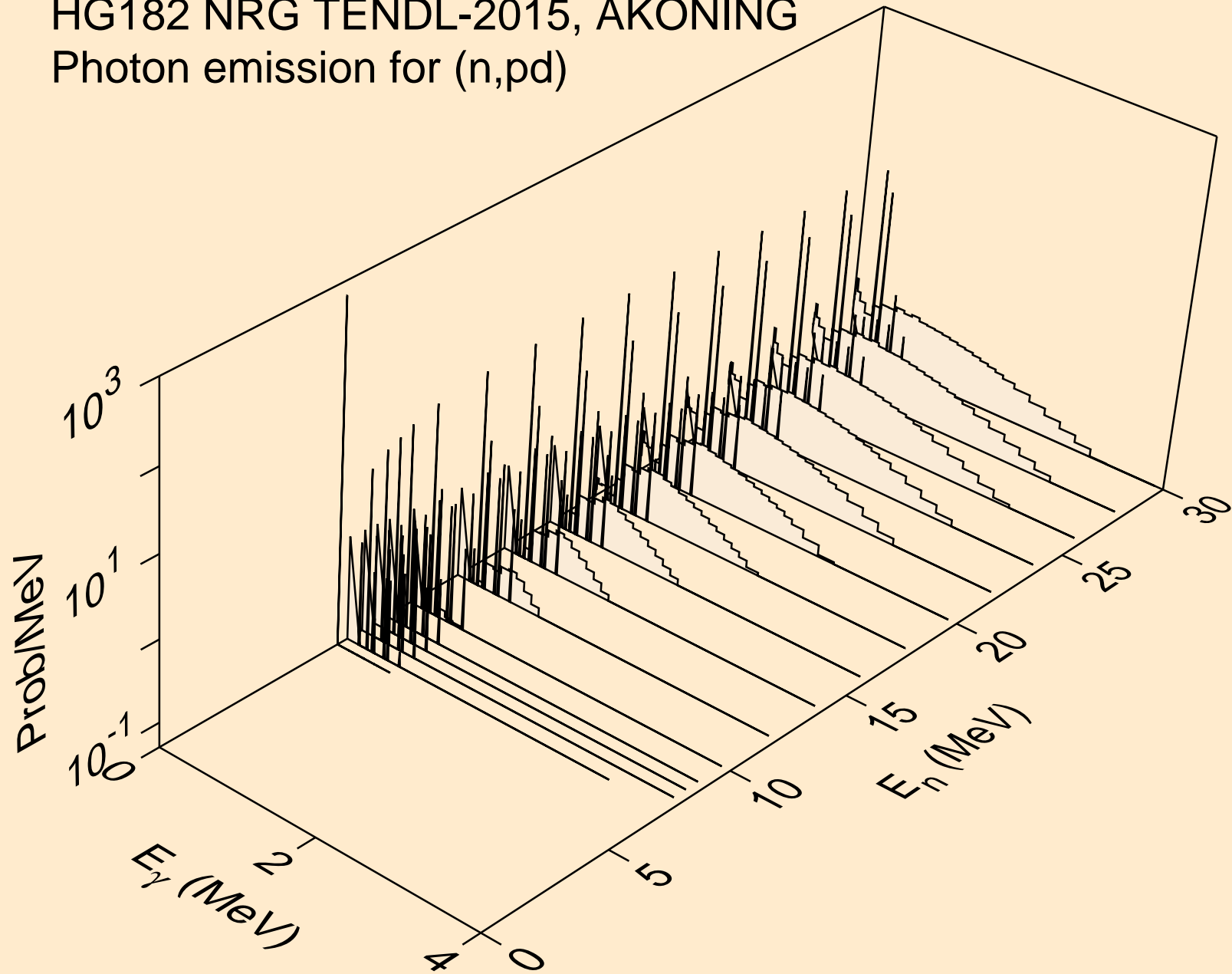
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



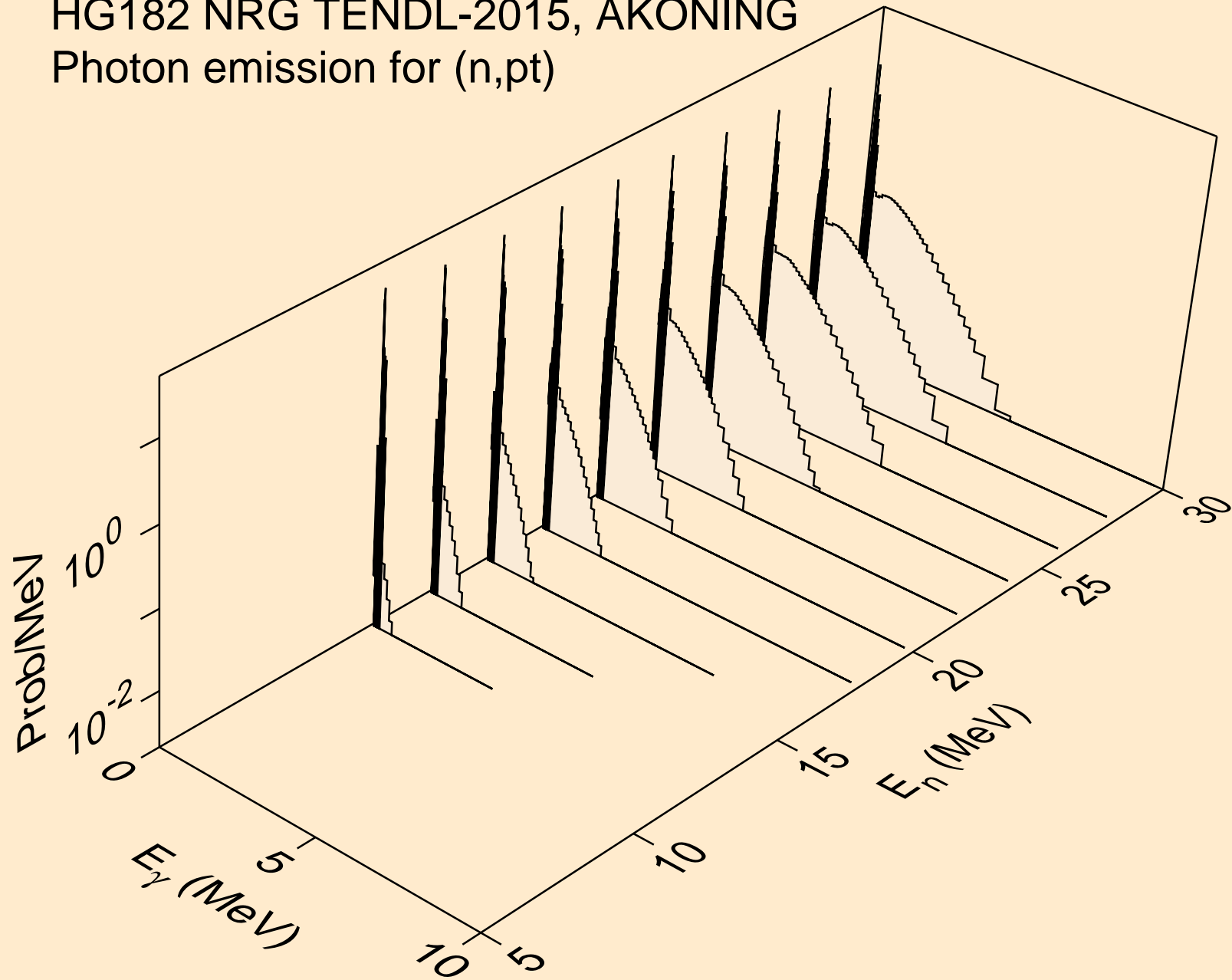
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

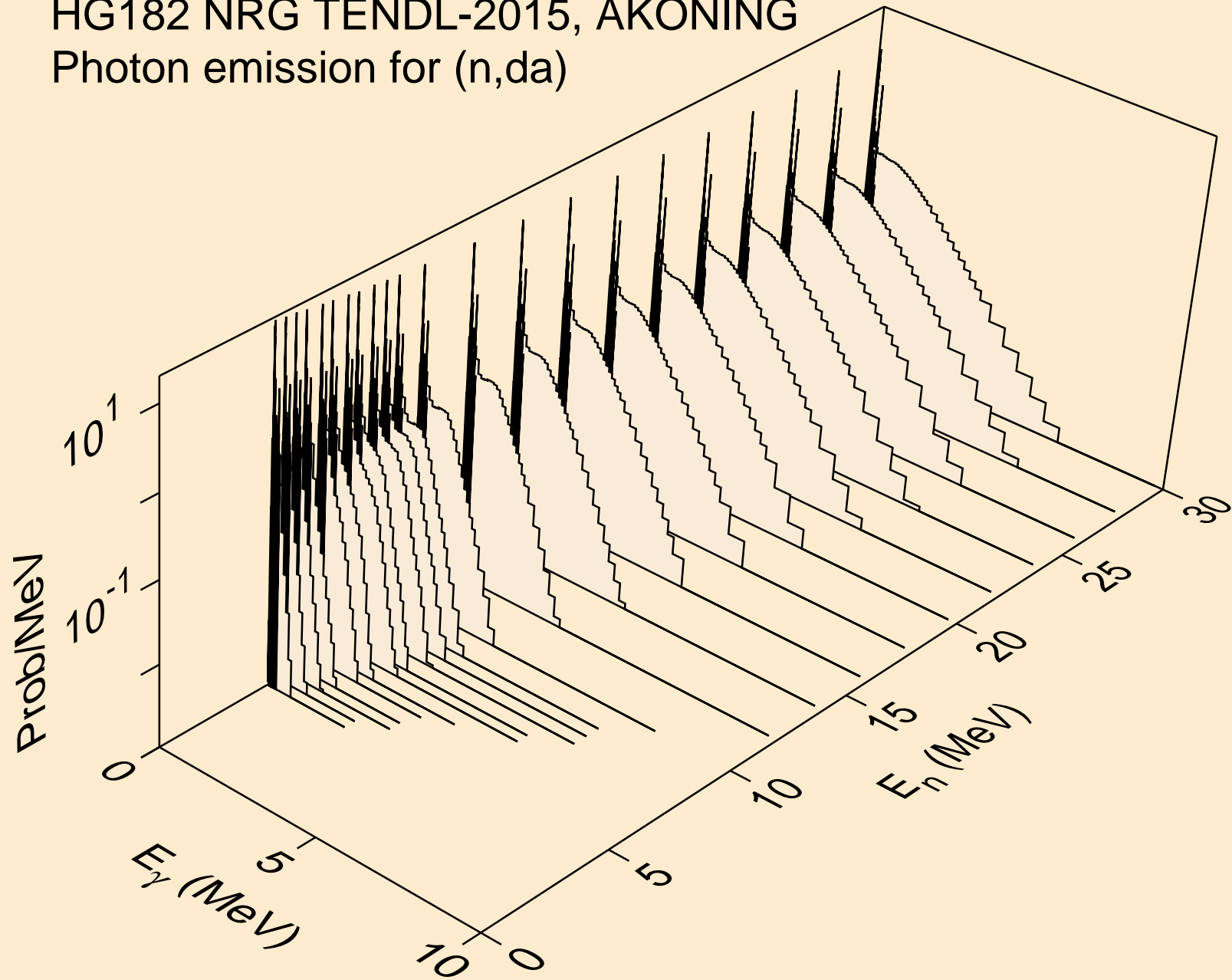


HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

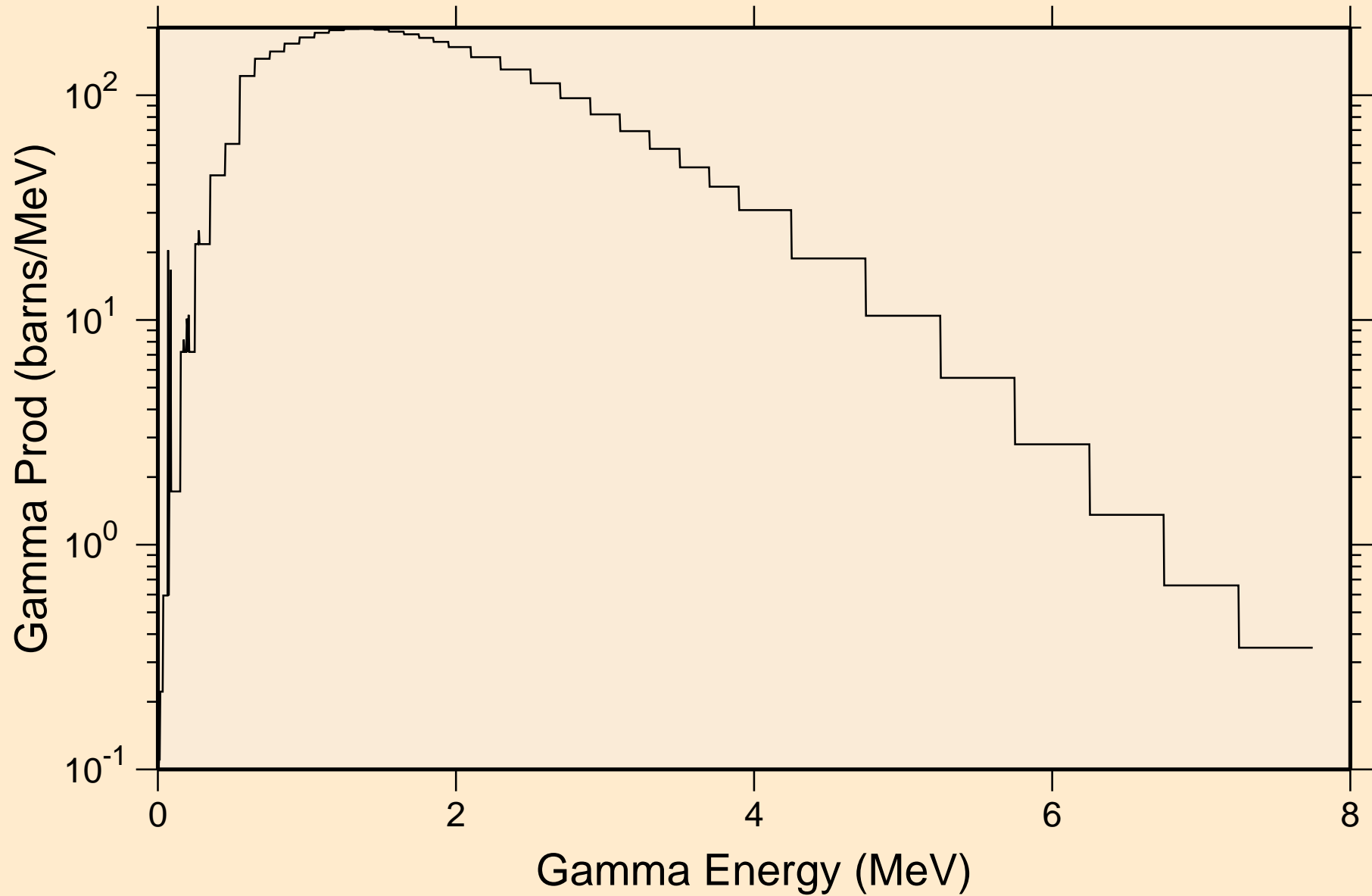




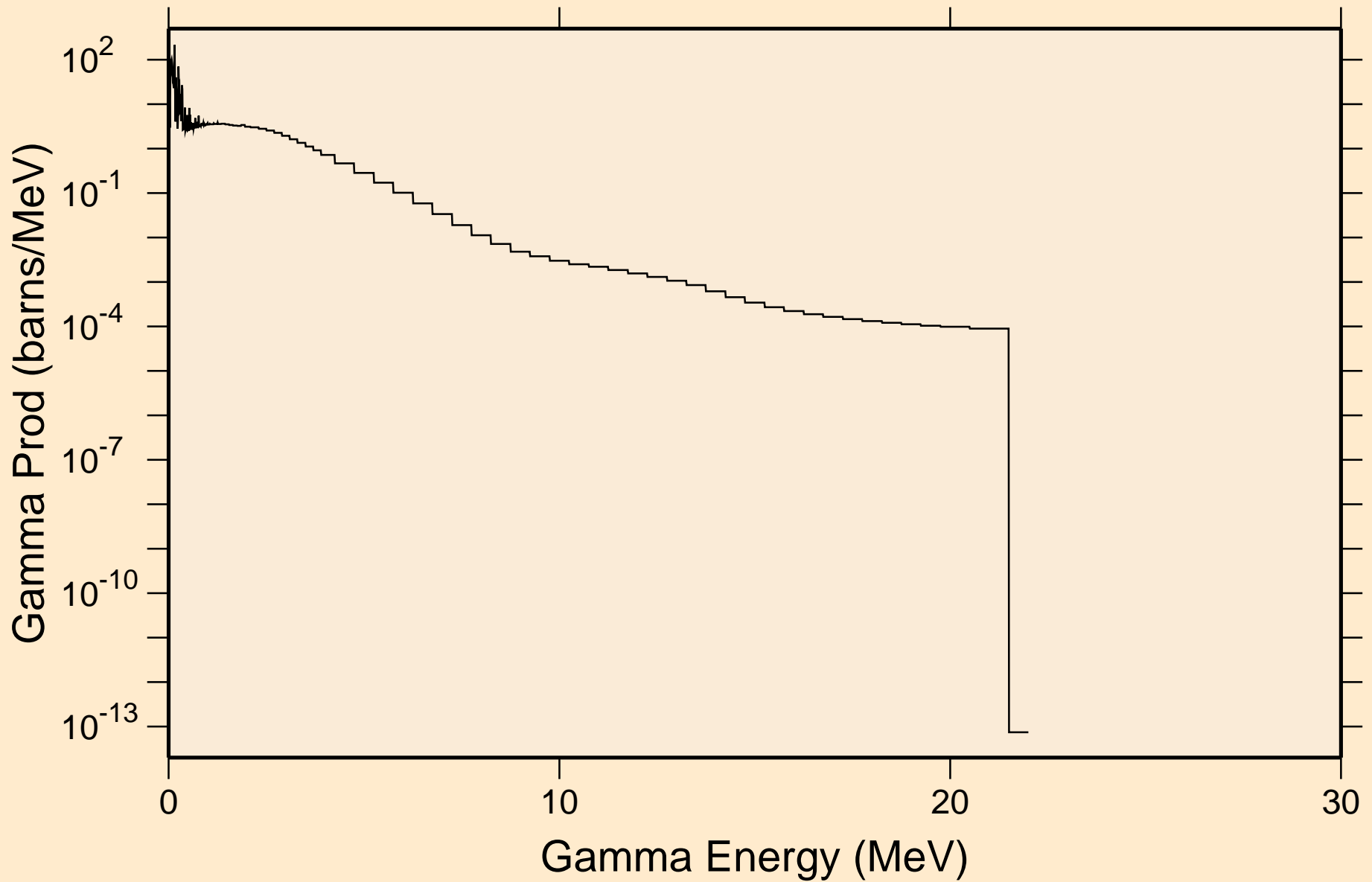
HG182 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HG182 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

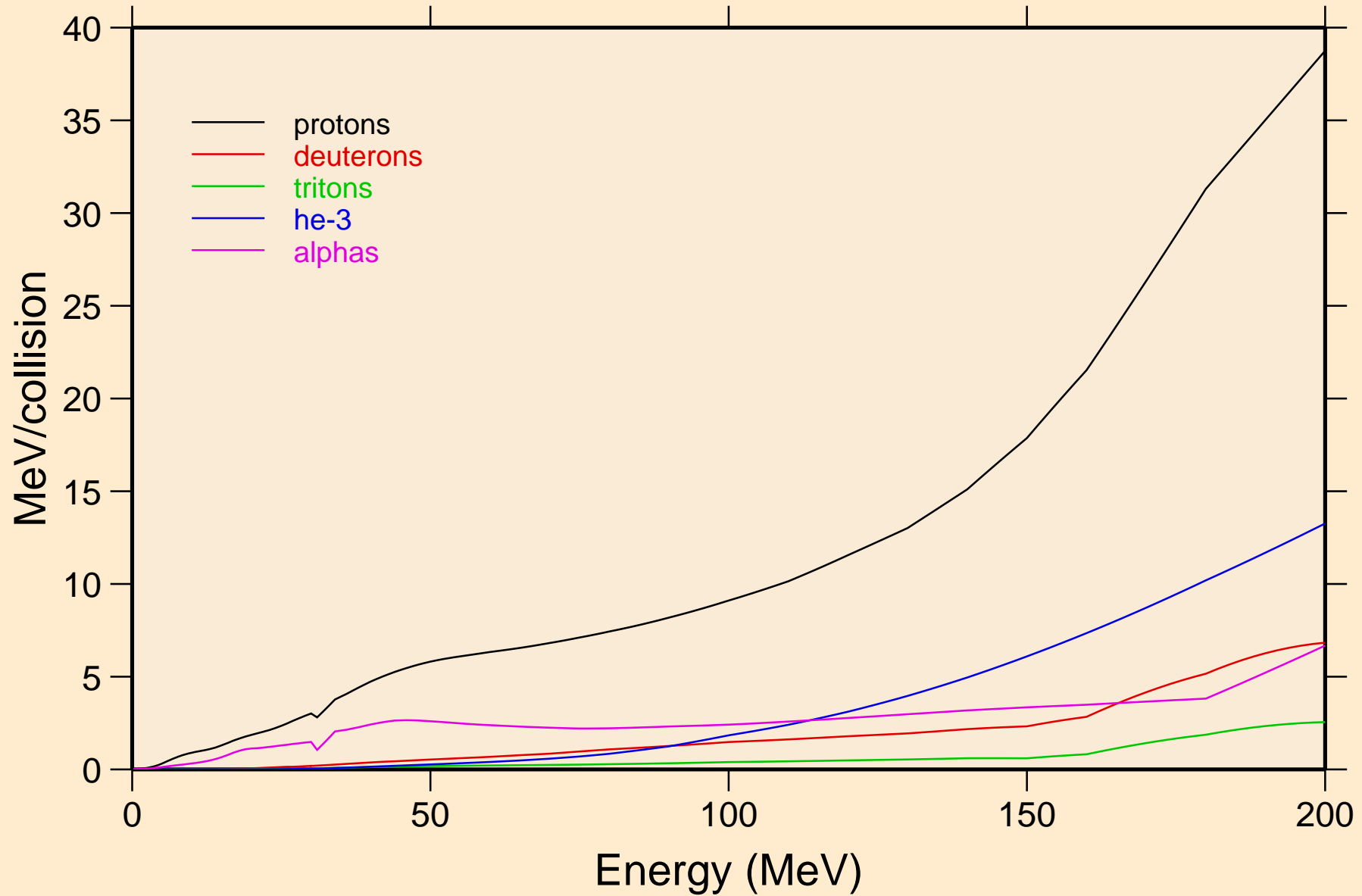


HG182 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



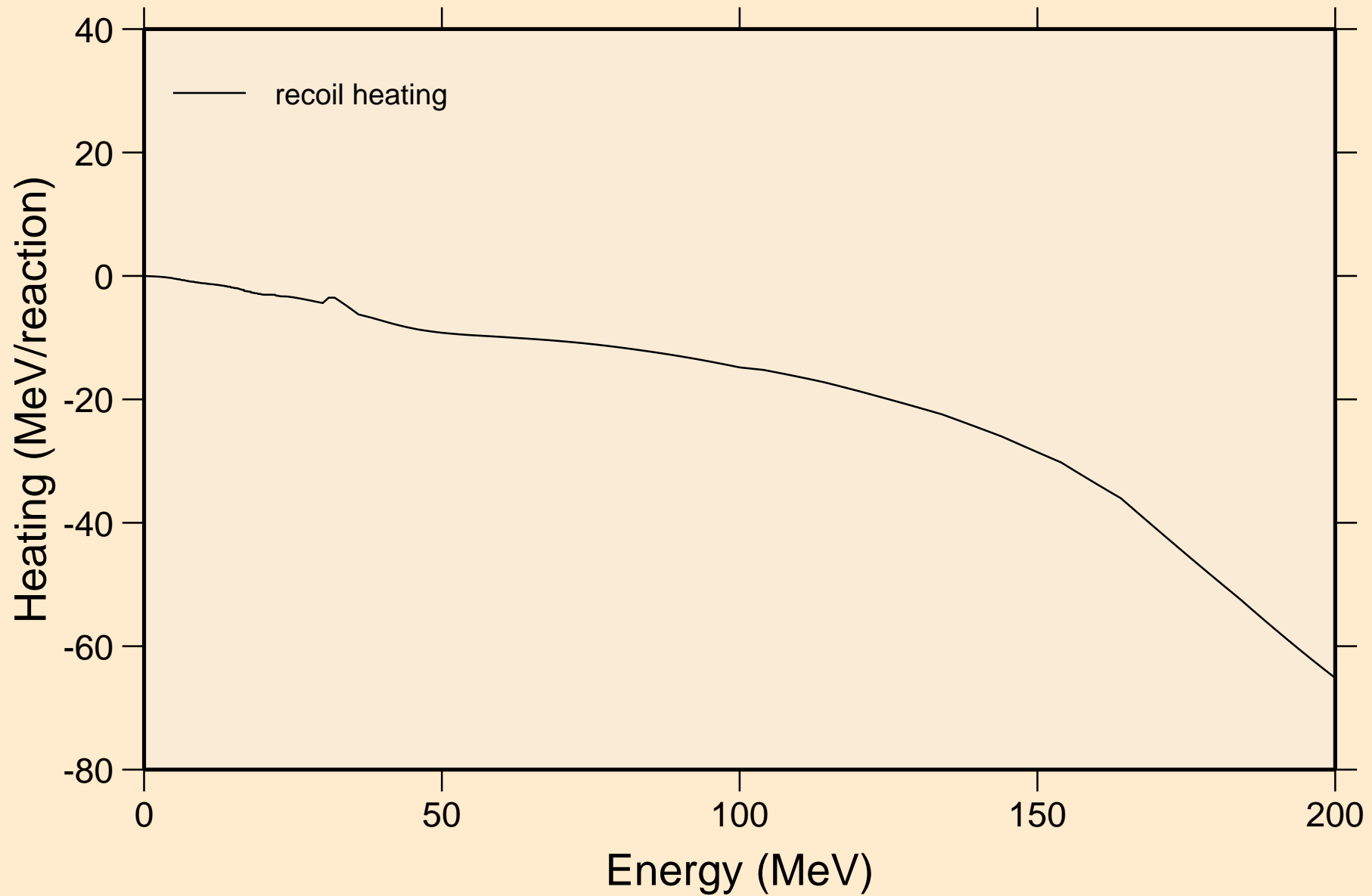
# HG182 NRG TENDL-2015, AKONING

## Particle heating contributions



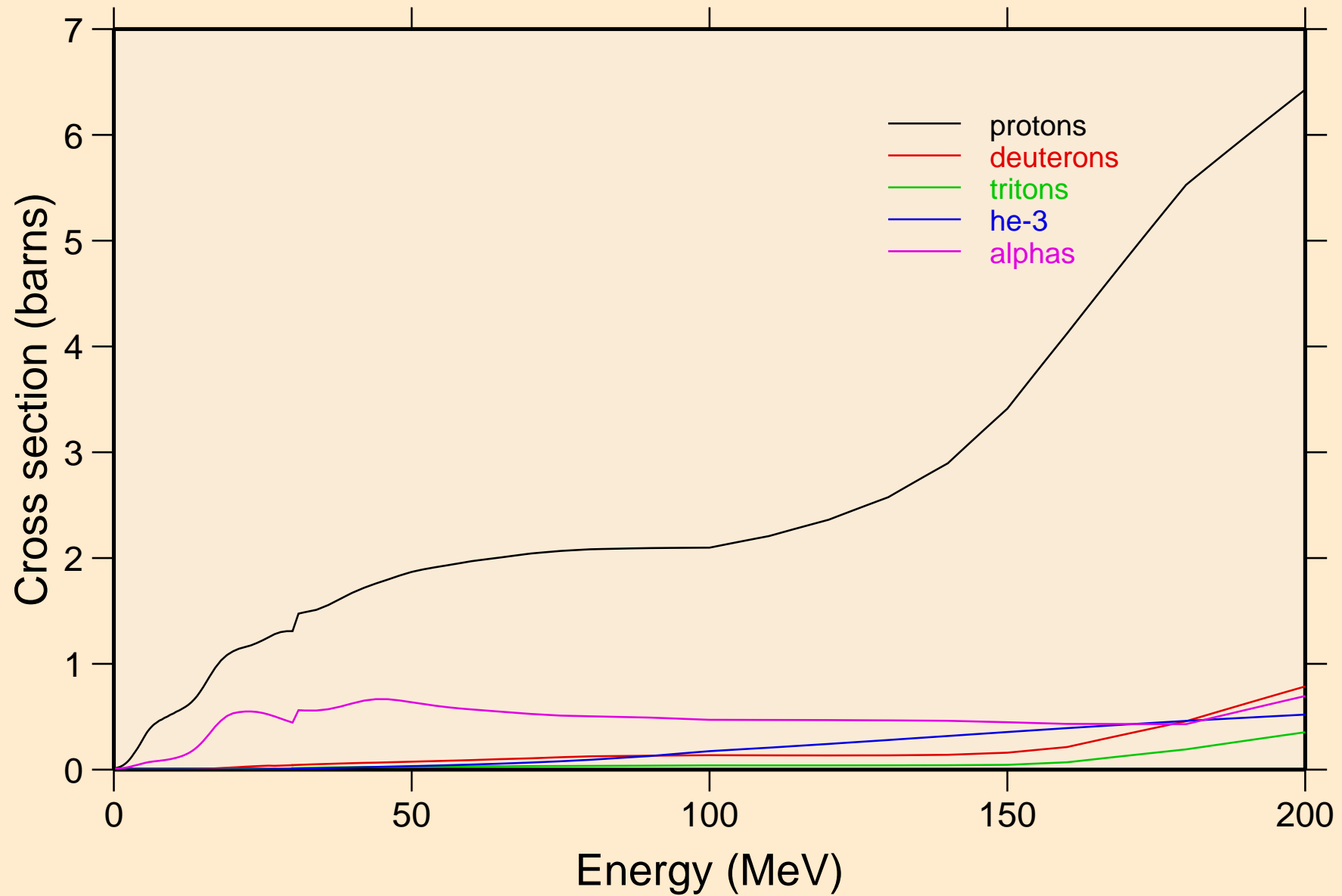
# HG182 NRG TENDL-2015, AKONING

## Recoil Heating

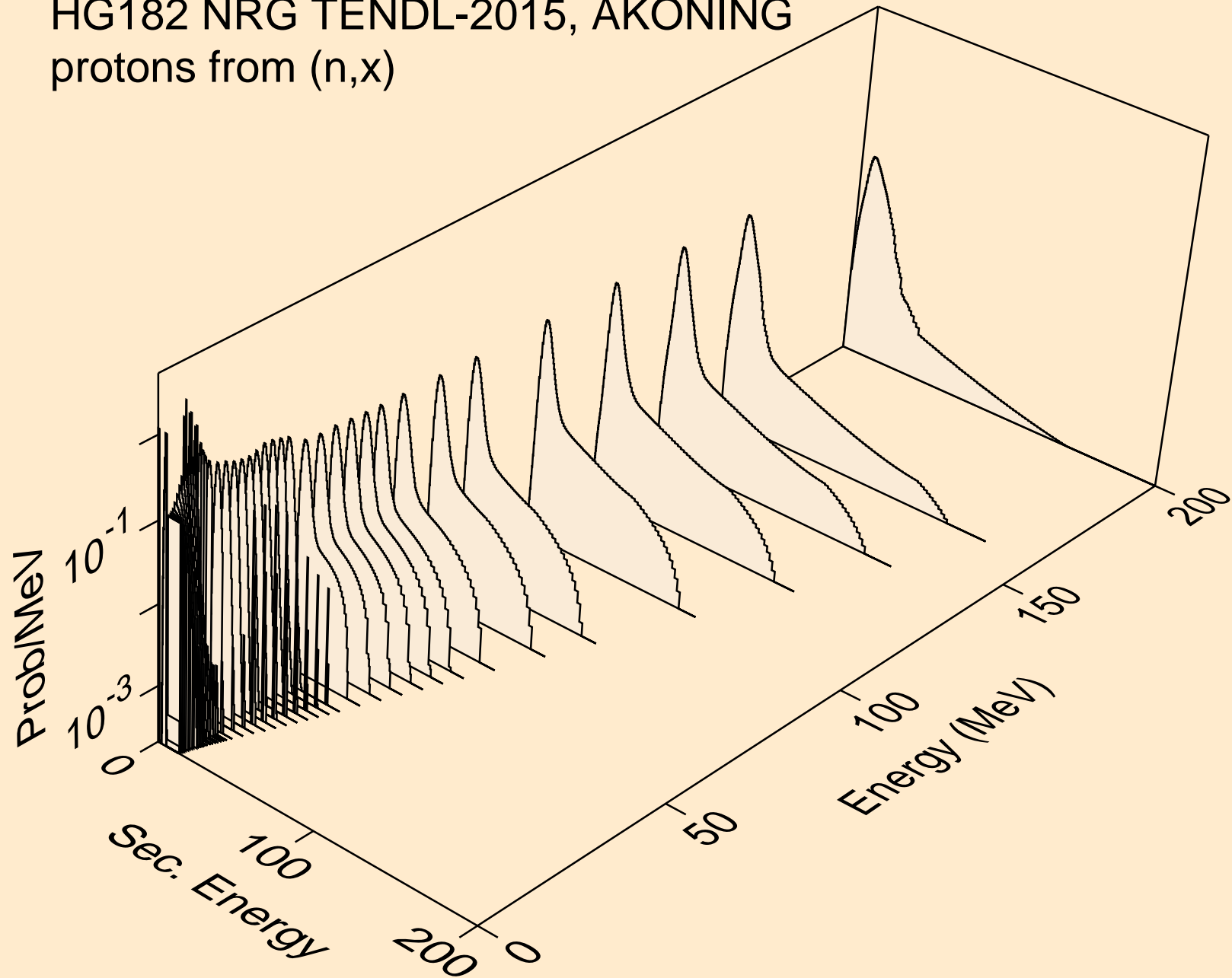


# HG182 NRG TENDL-2015, AKONING

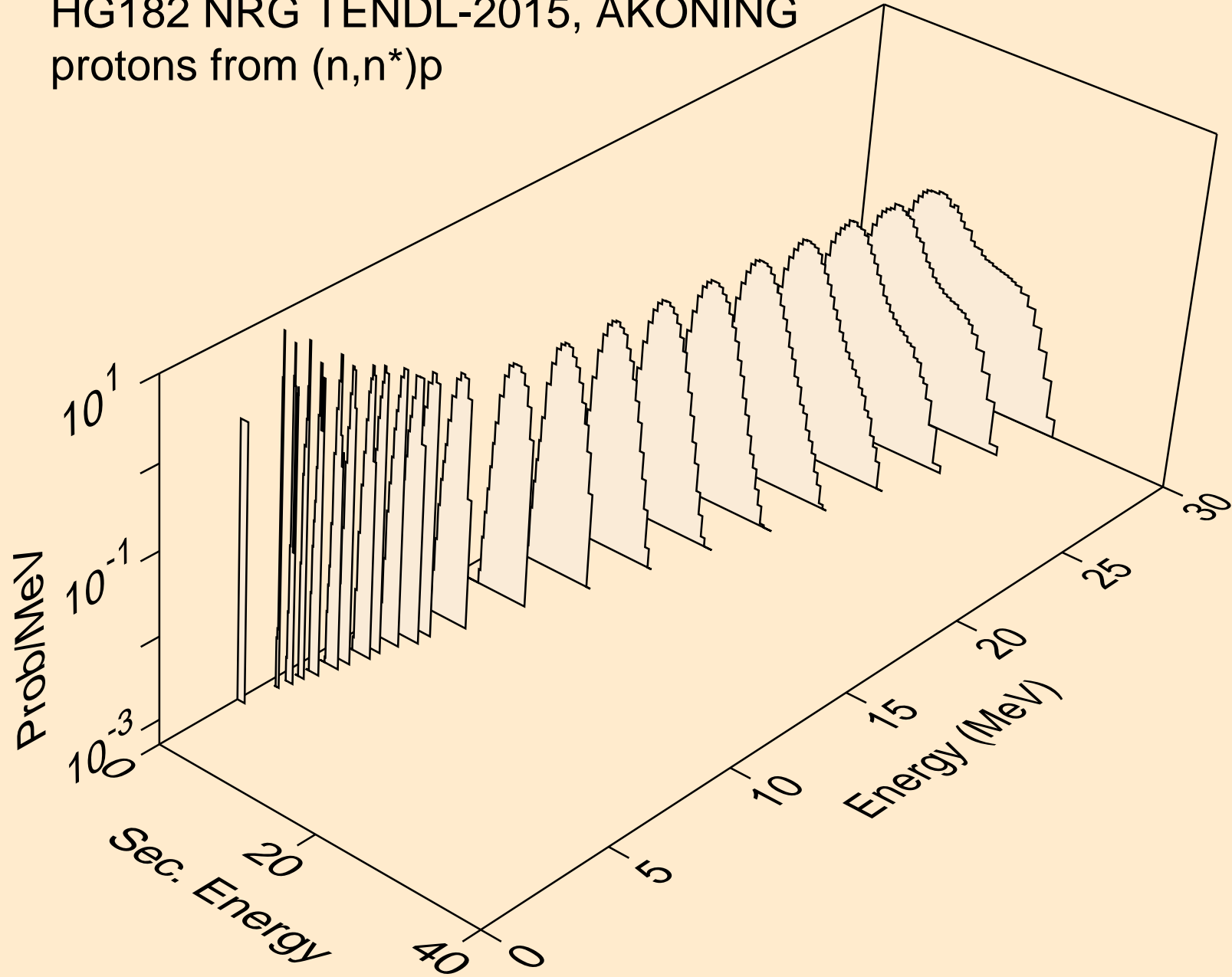
## Particle production cross sections



HG182 NRG TENDL-2015, AKONING  
protons from (n,x)

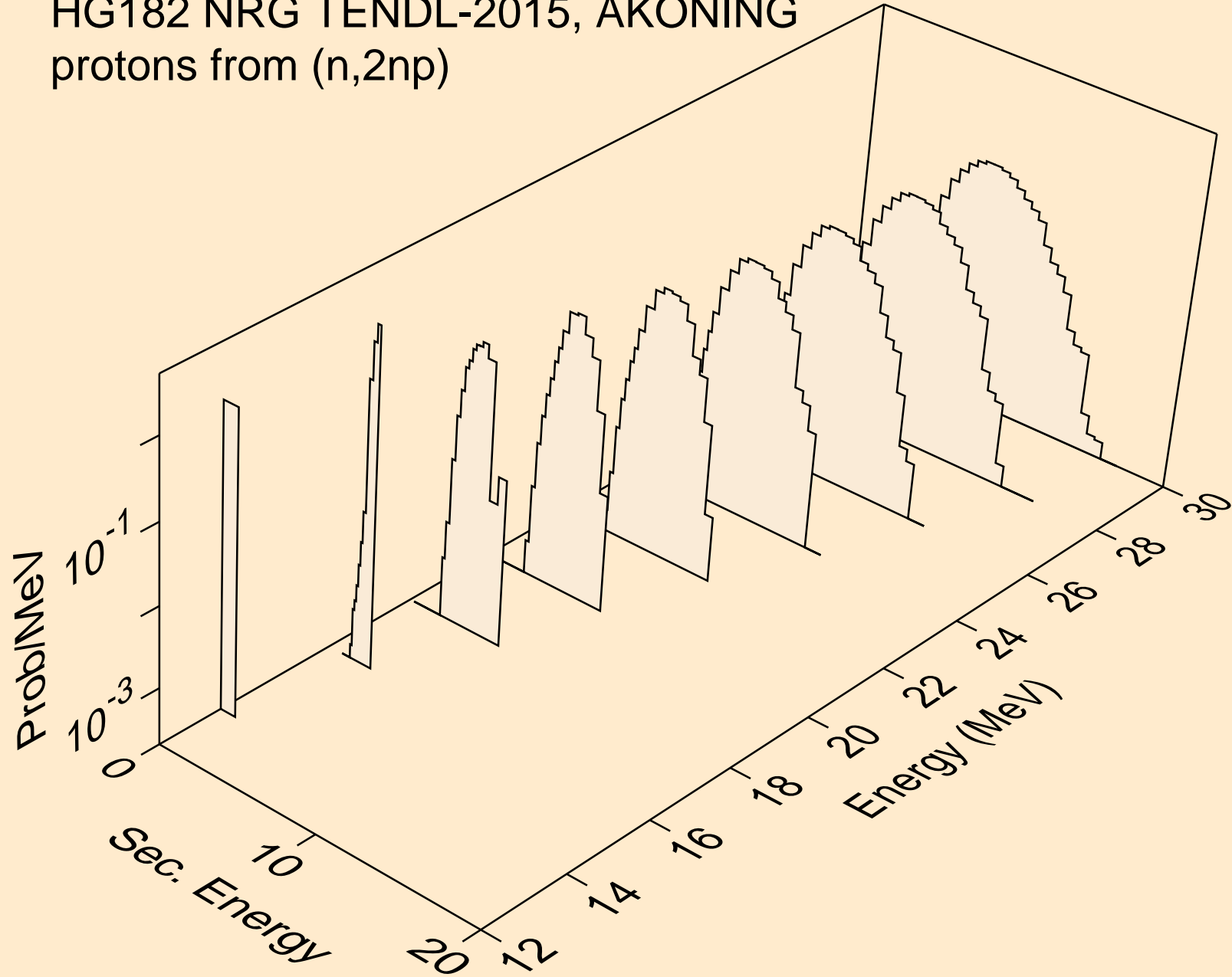


HG182 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

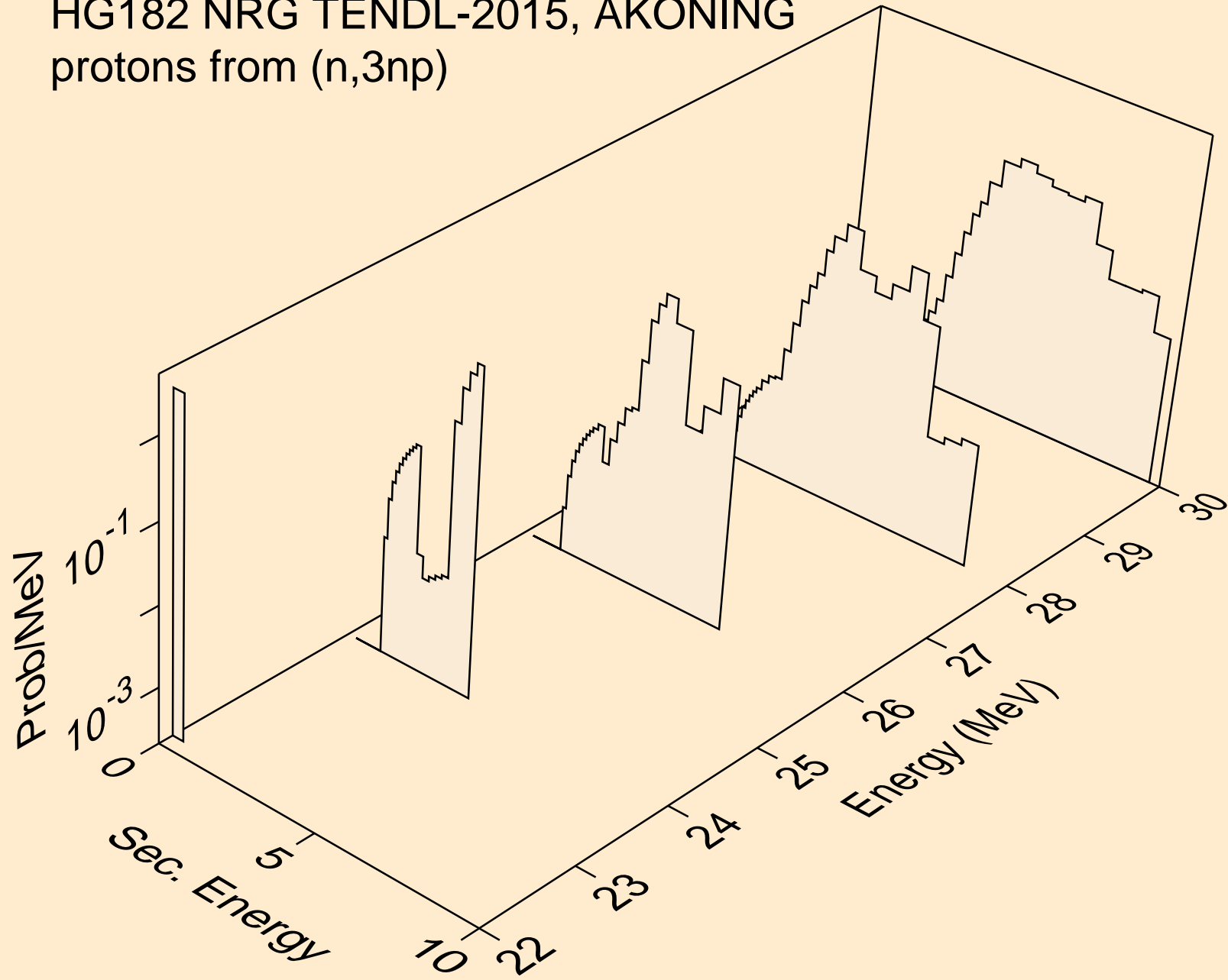




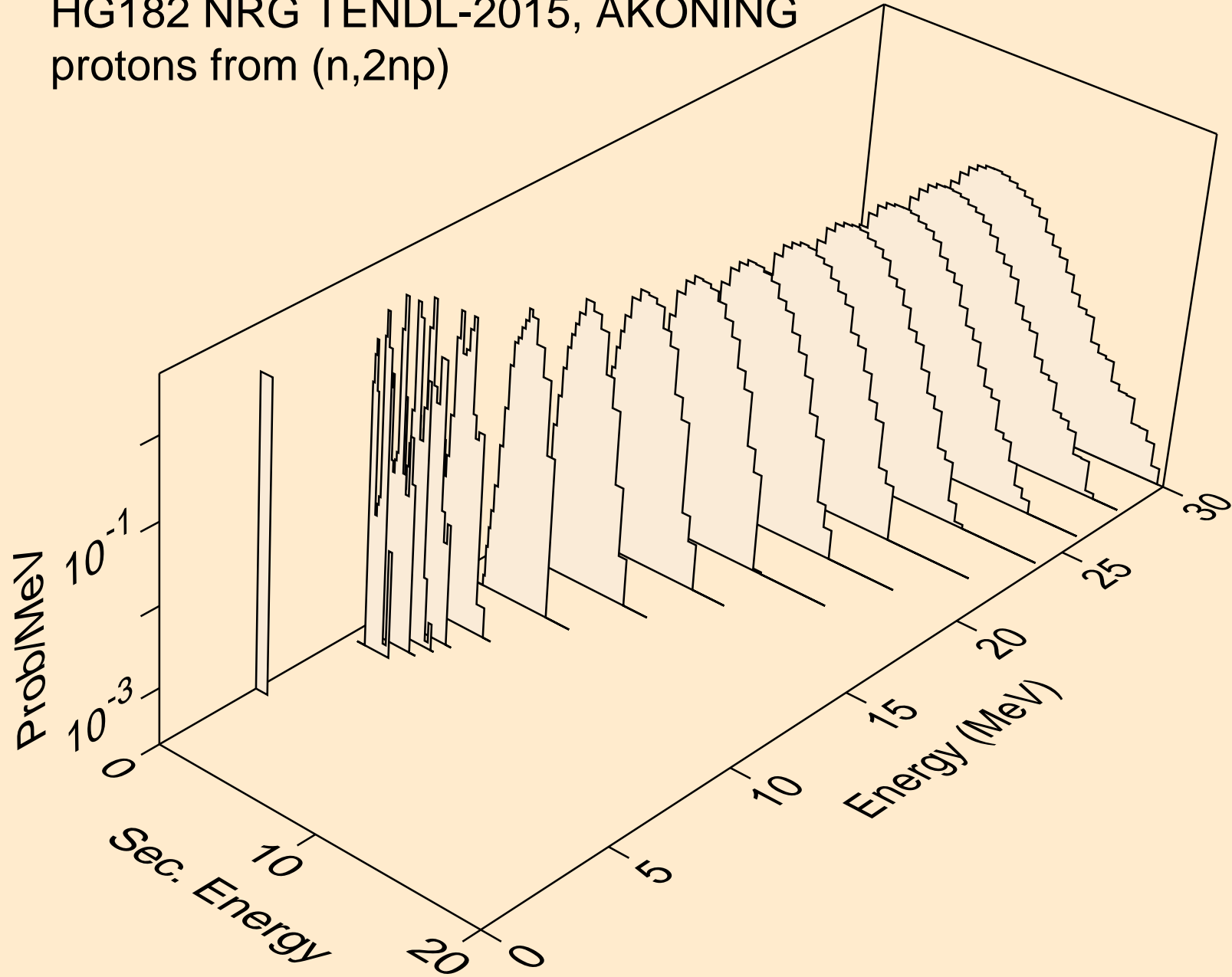
HG182 NRG TENDL-2015, AKONING  
protons from (n,2np)



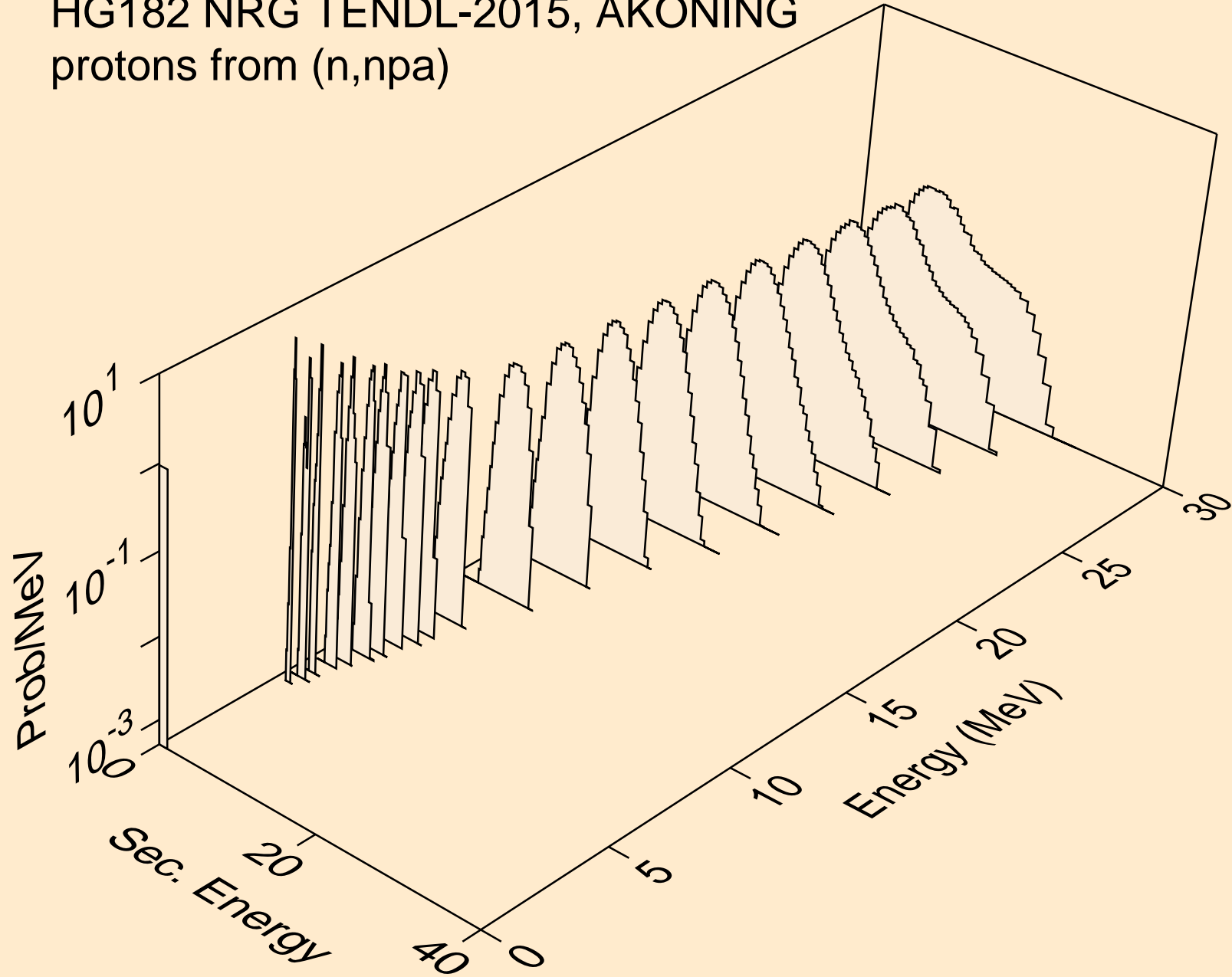
HG182 NRG TENDL-2015, AKONING  
protons from (n,3np)



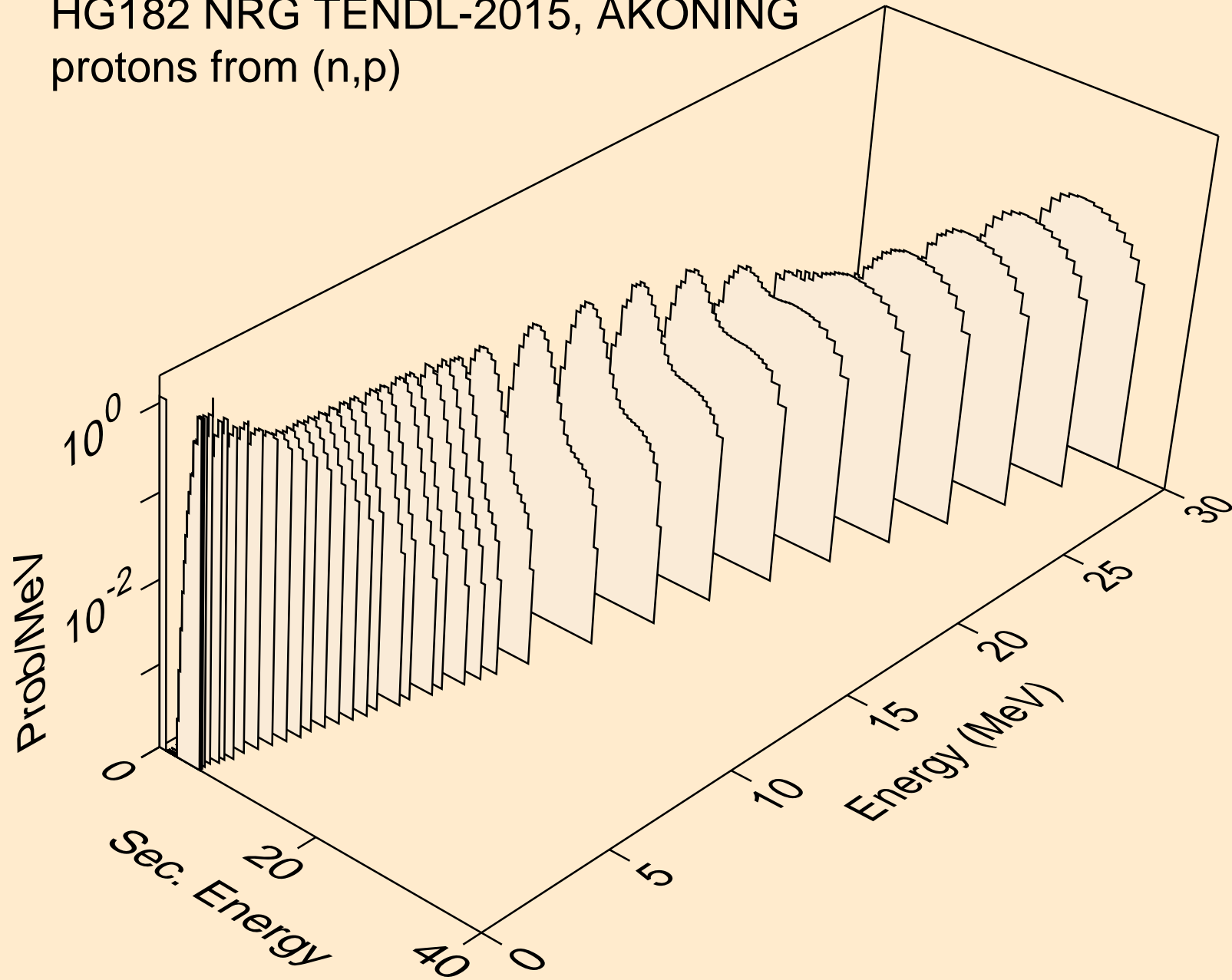
HG182 NRG TENDL-2015, AKONING  
protons from (n,2np)



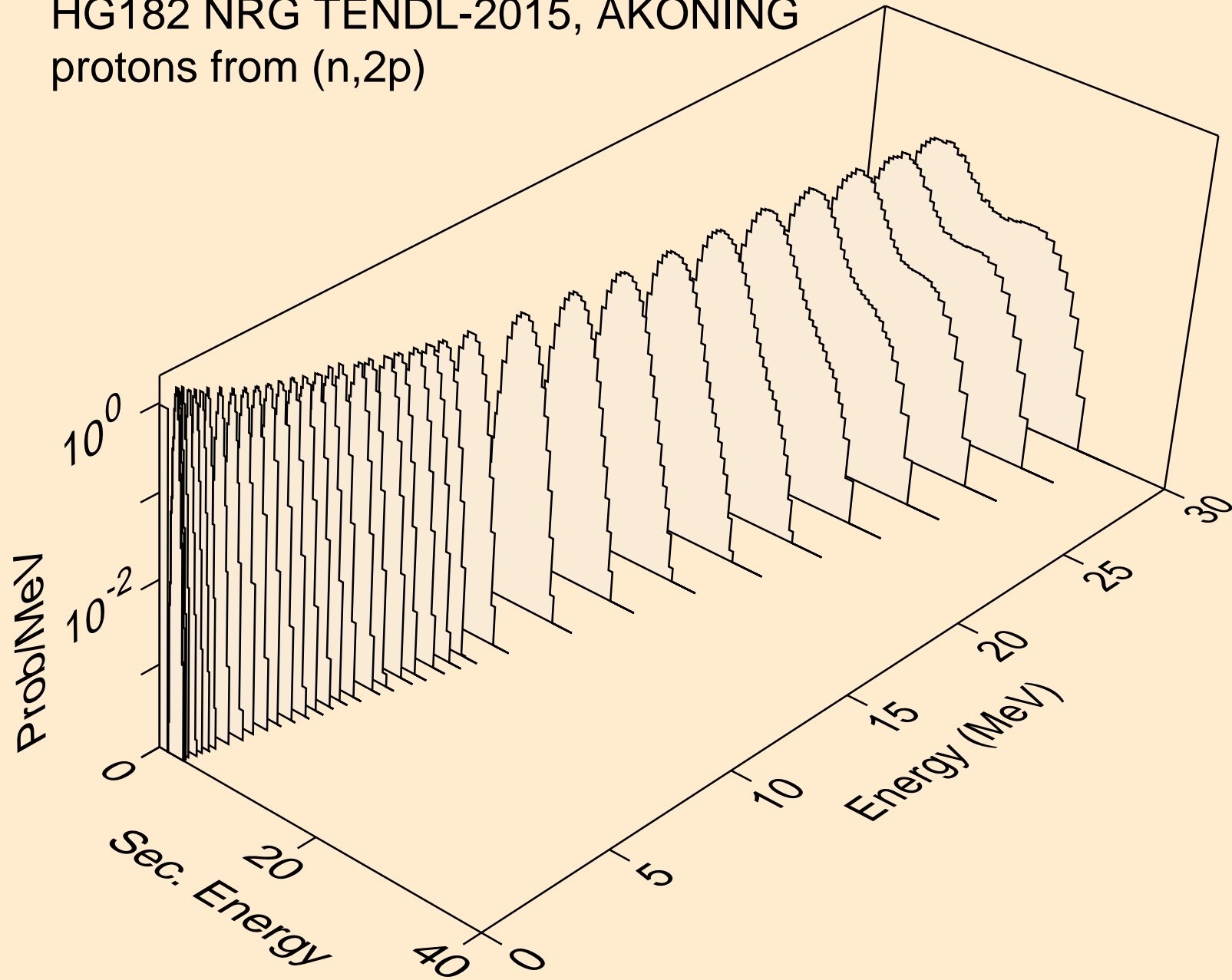
HG182 NRG TENDL-2015, AKONING  
protons from (n,npa)



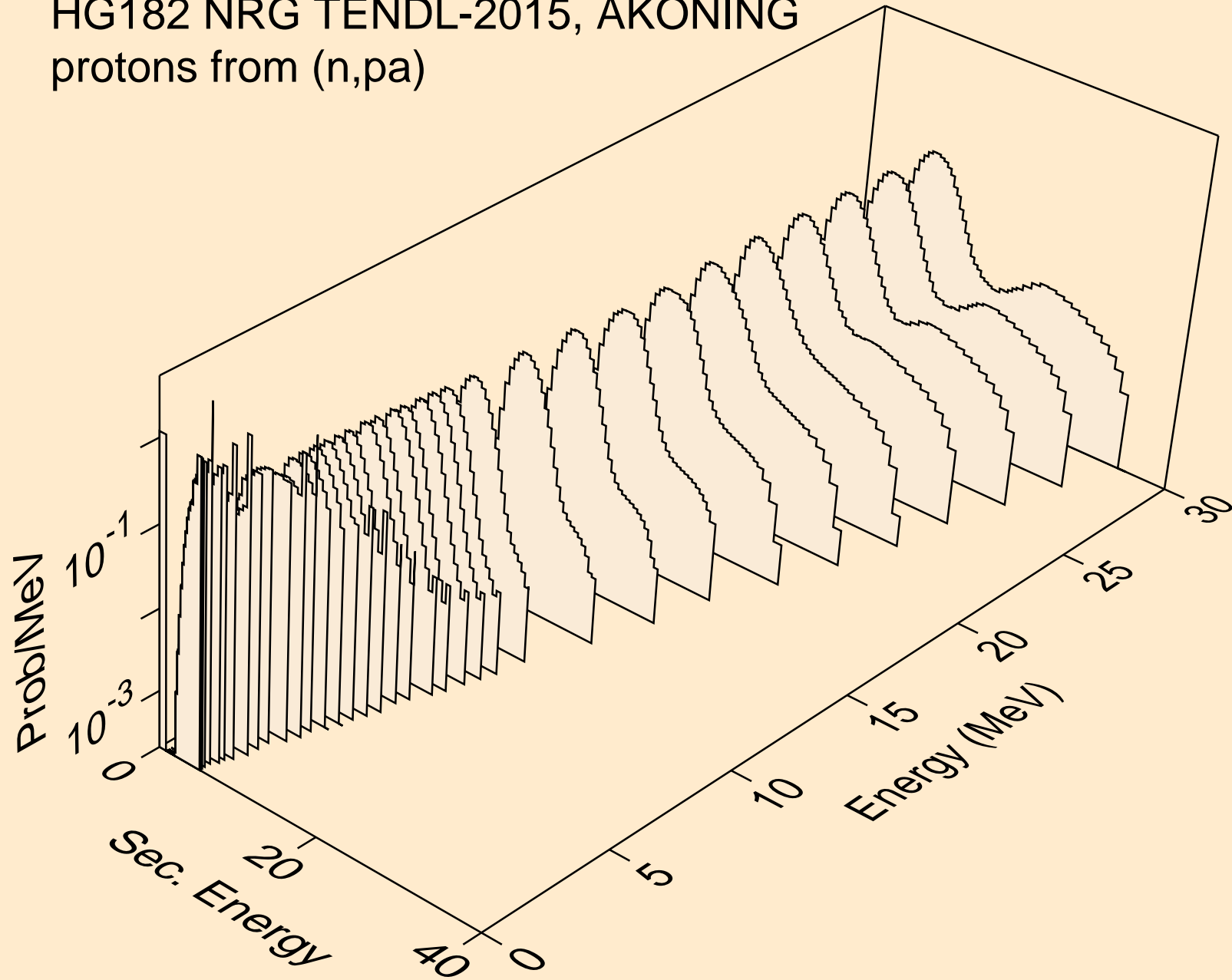
HG182 NRG TENDL-2015, AKONING  
protons from (n,p)



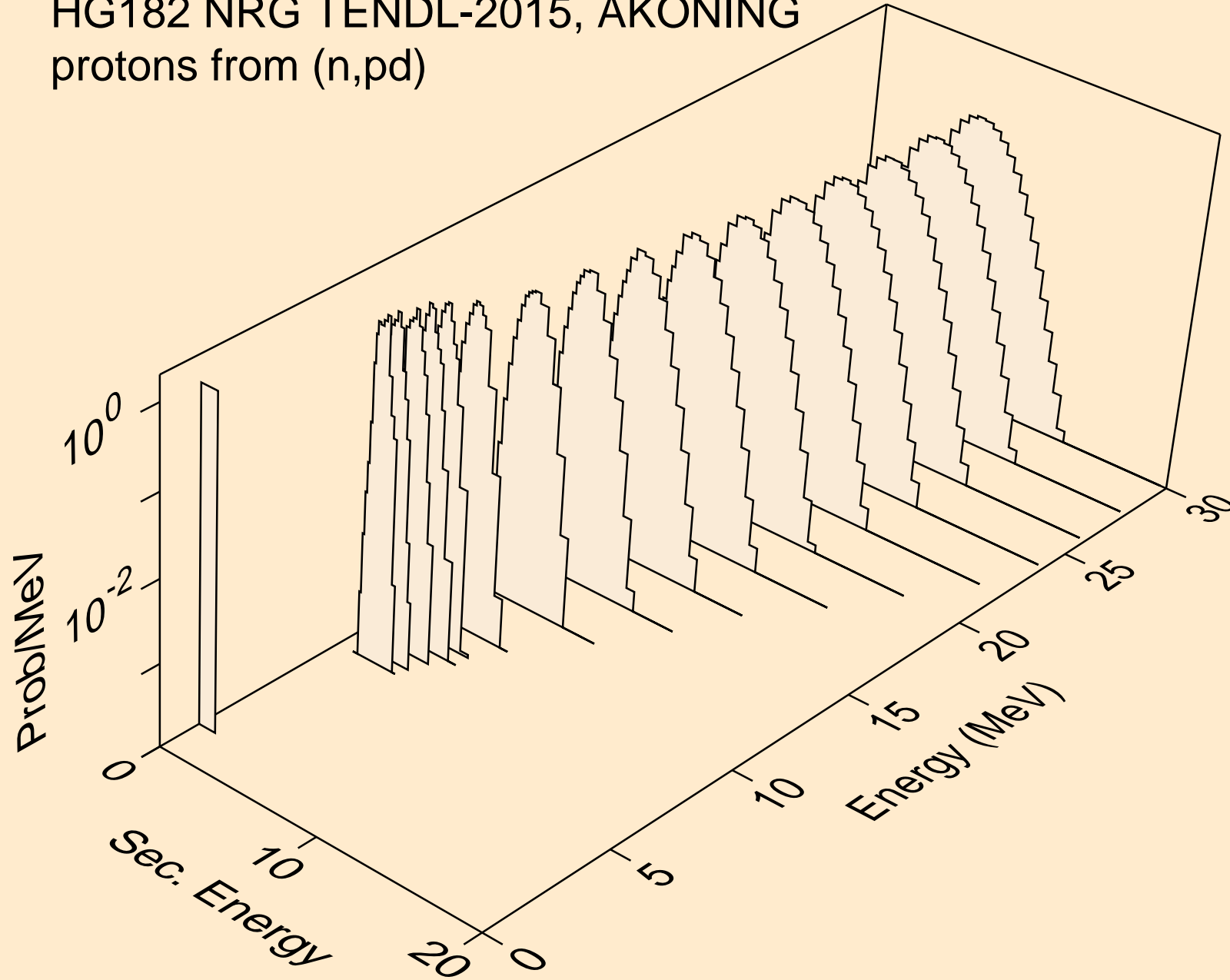
HG182 NRG TENDL-2015, AKONING  
protons from (n,2p)



HG182 NRG TENDL-2015, AKONING  
protons from (n,pa)

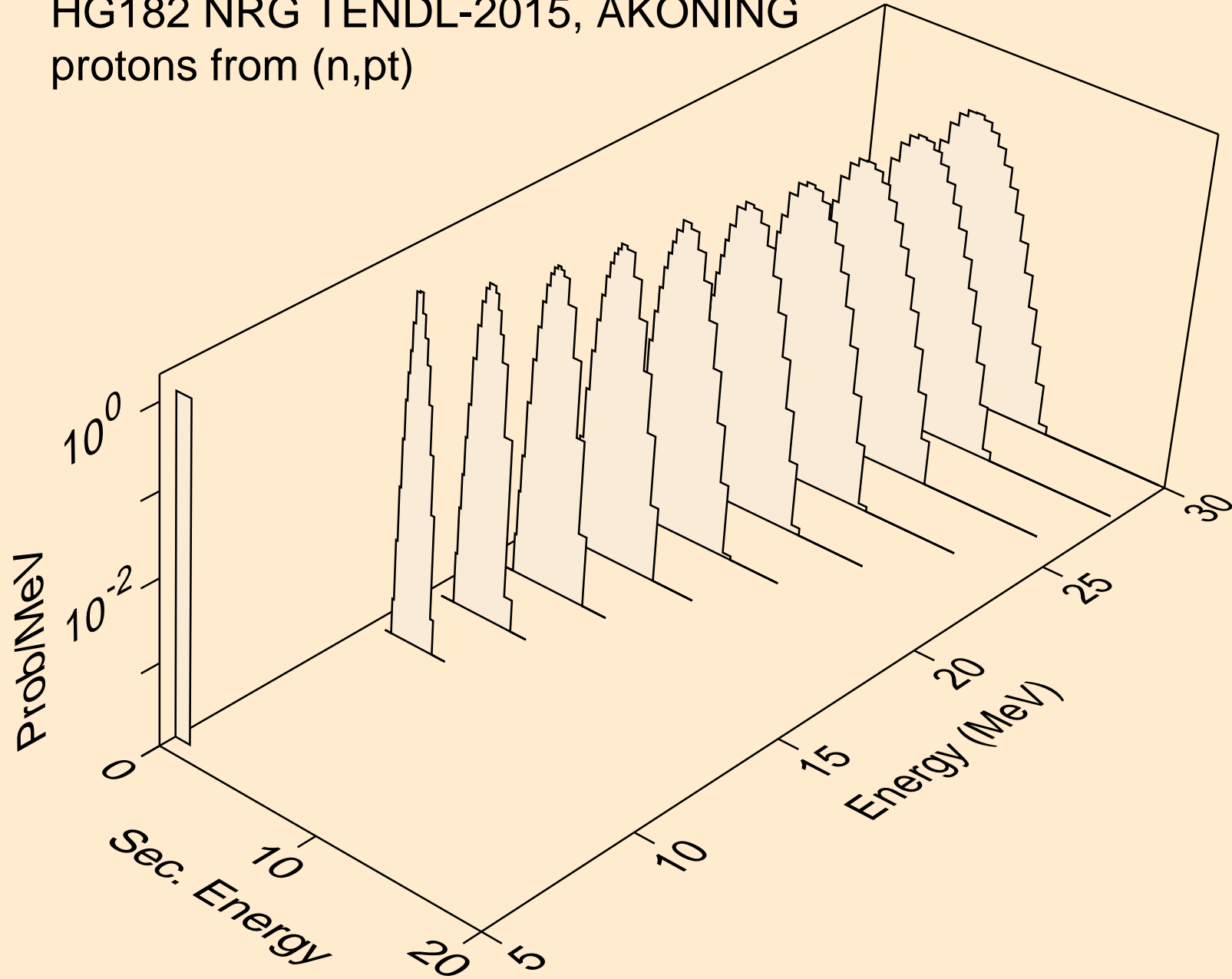


HG182 NRG TENDL-2015, AKONING  
protons from (n,pd)

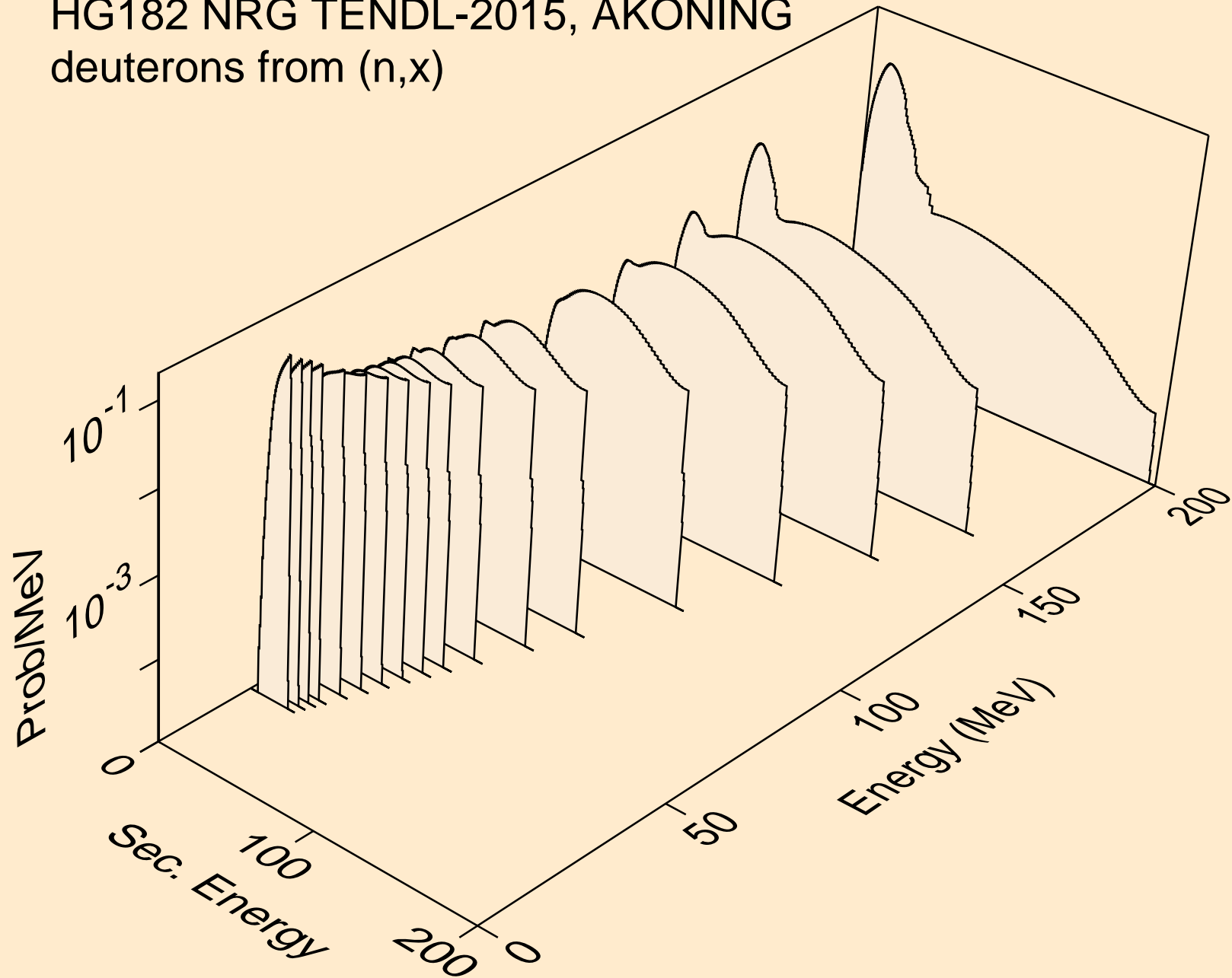




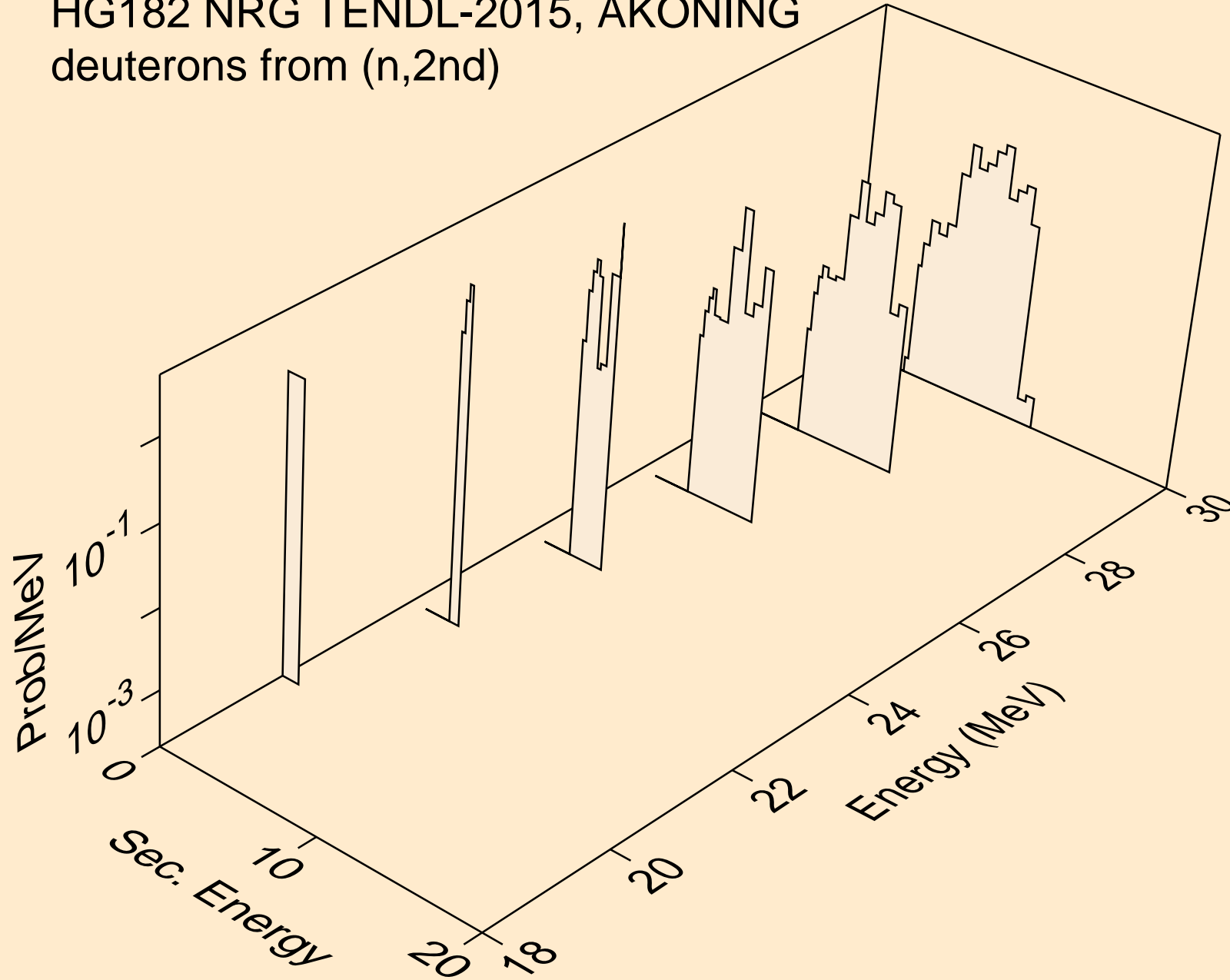
HG182 NRG TENDL-2015, AKONING  
protons from (n,pt)



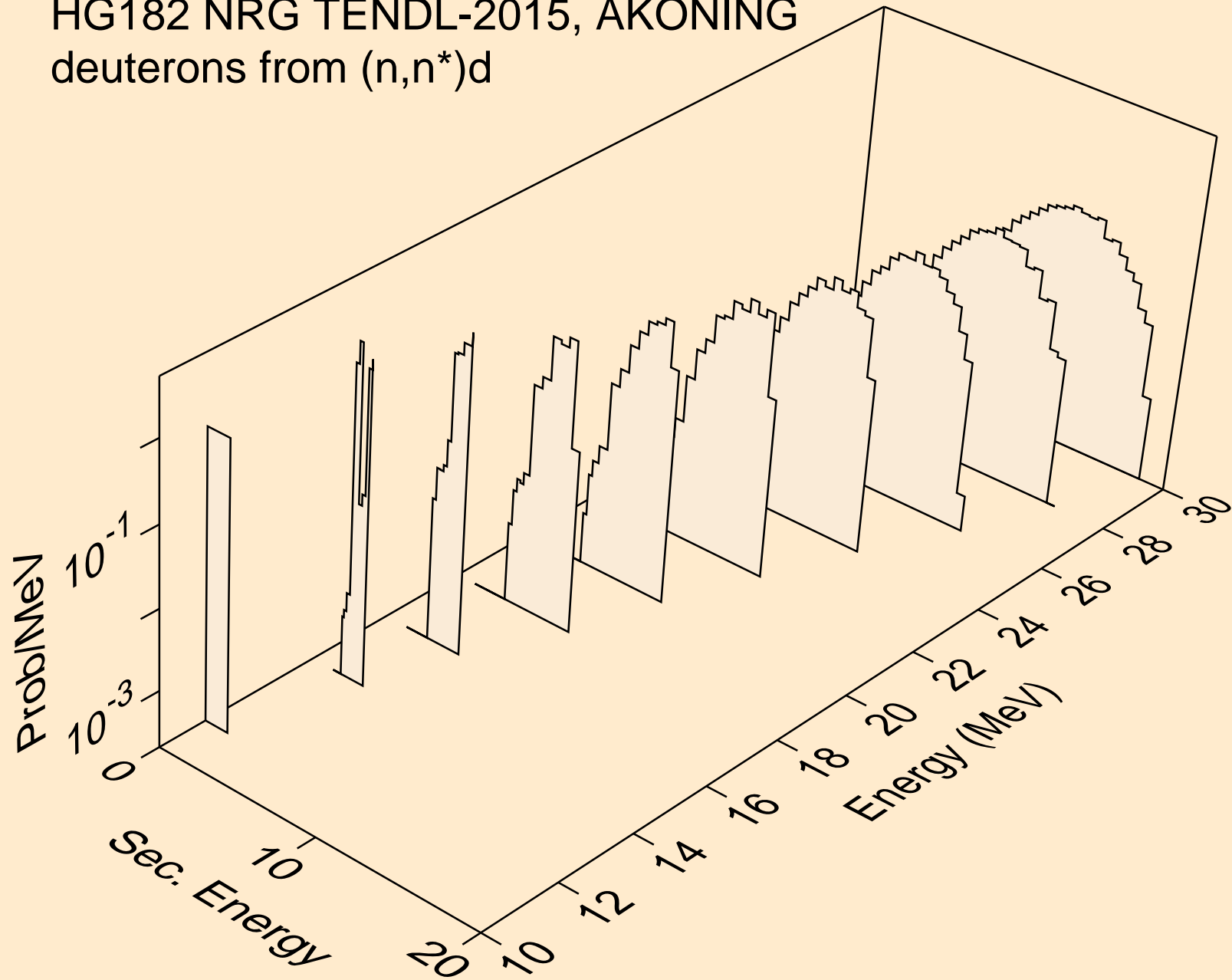
HG182 NRG TENDL-2015, AKONING  
deuterons from (n,x)



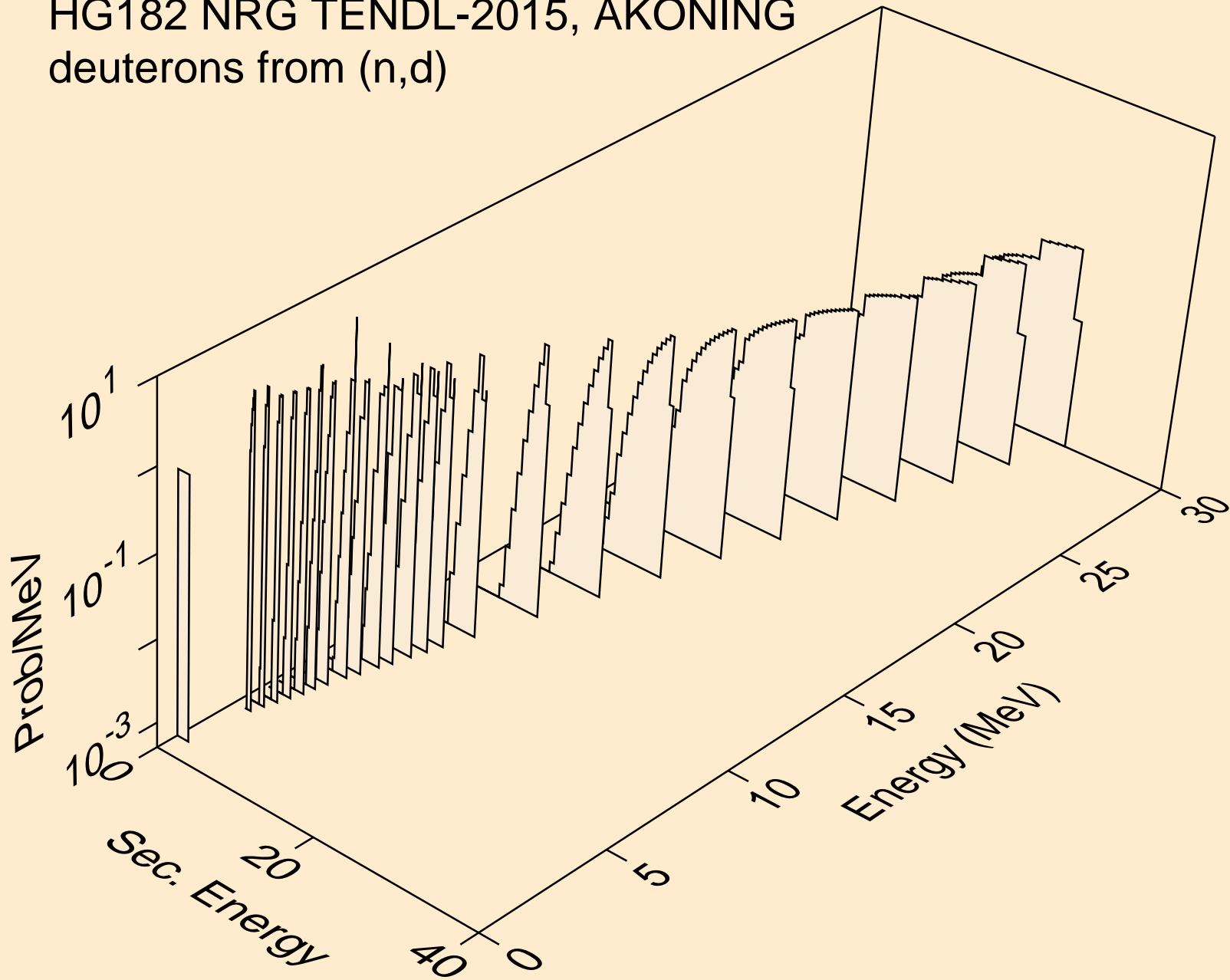
HG182 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



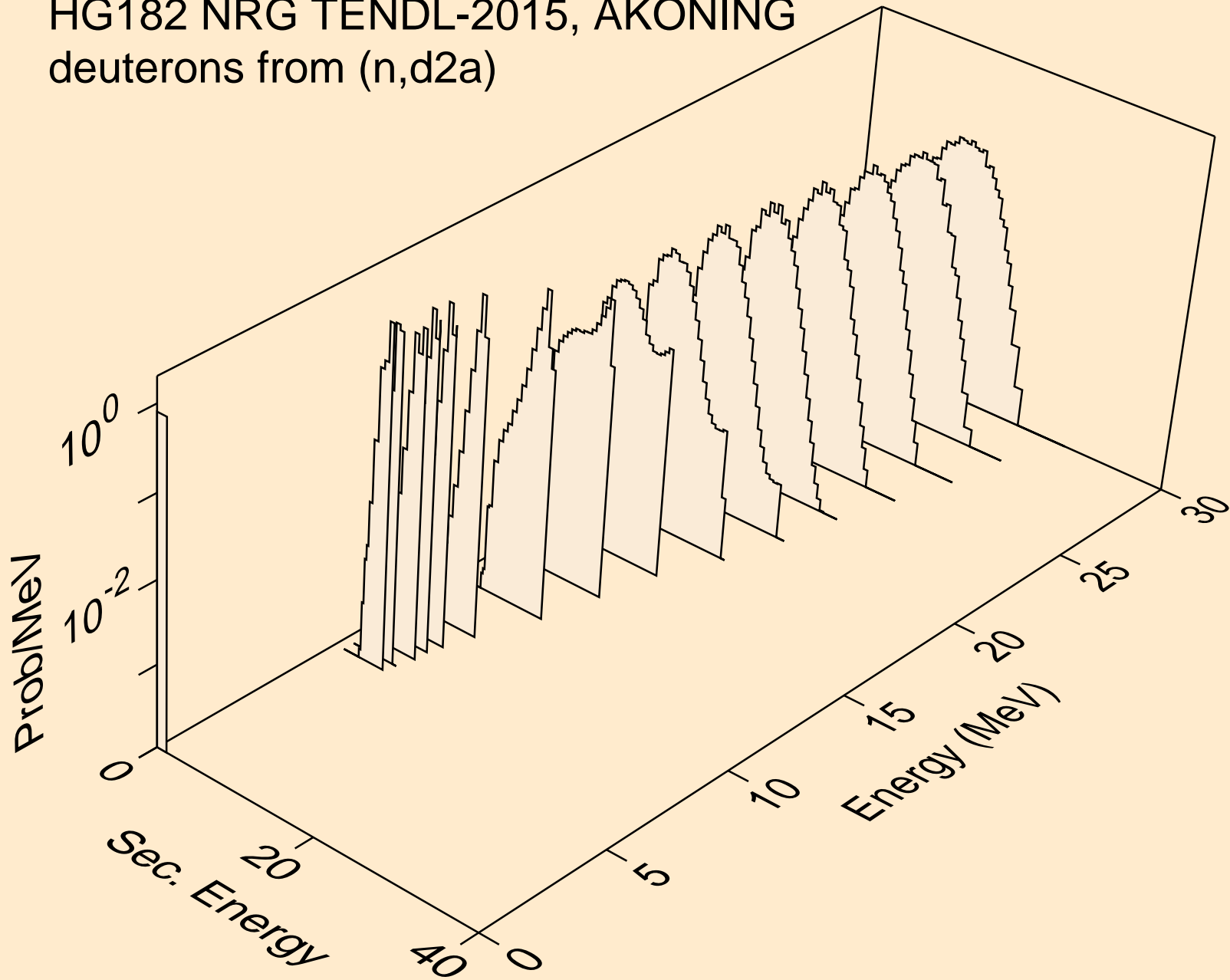
HG182 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



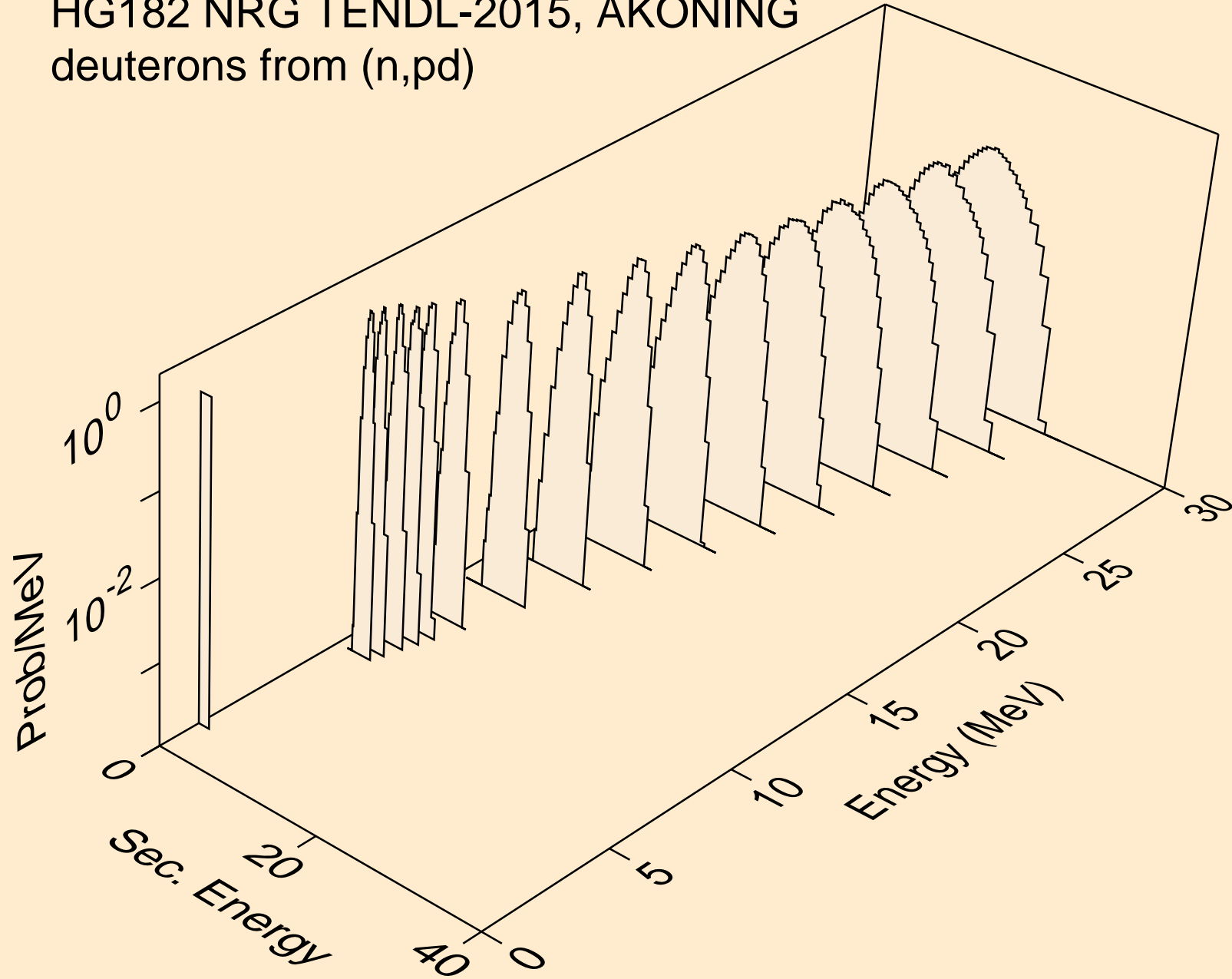
HG182 NRG TENDL-2015, AKONING  
deuterons from (n,d)



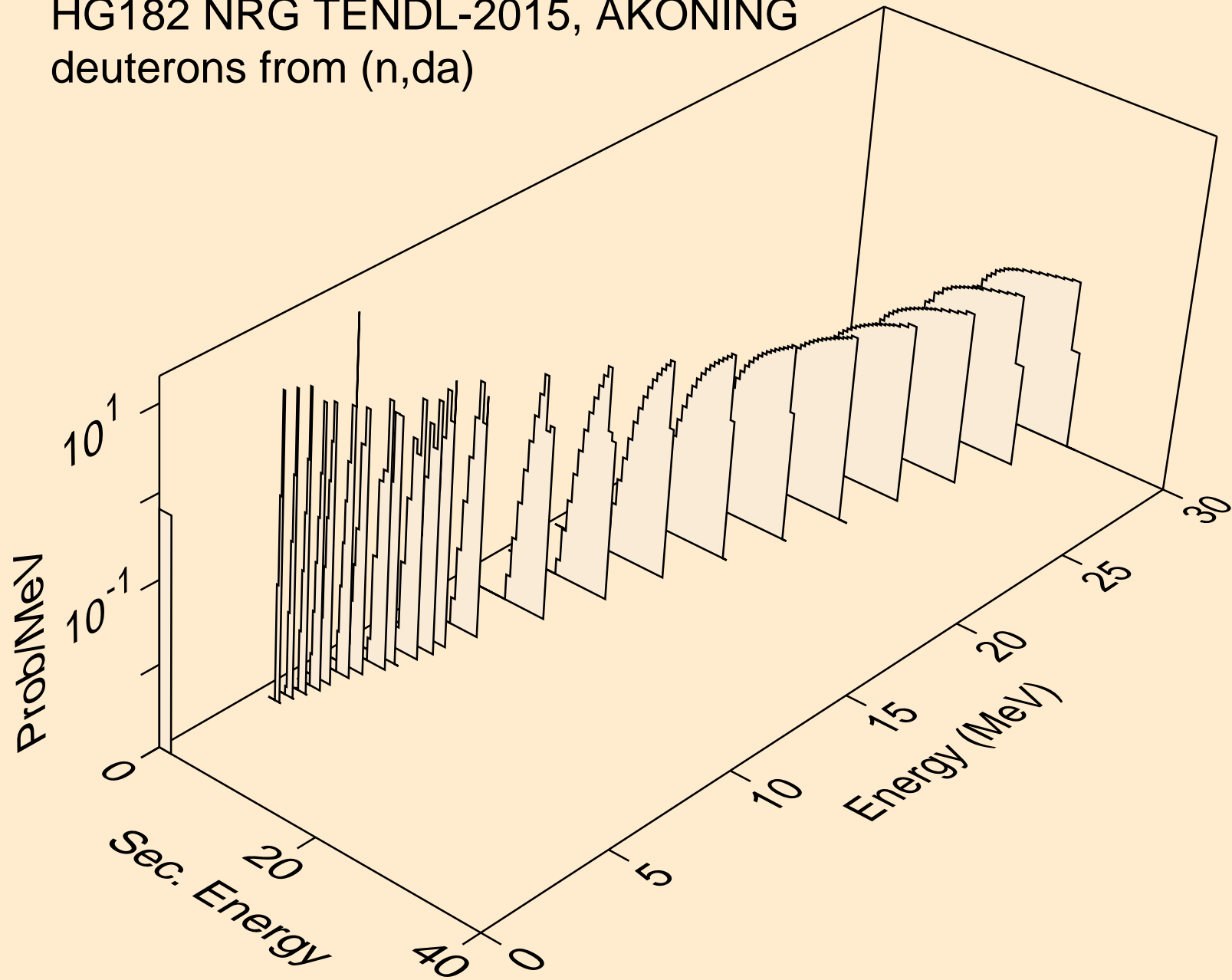
HG182 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



HG182 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

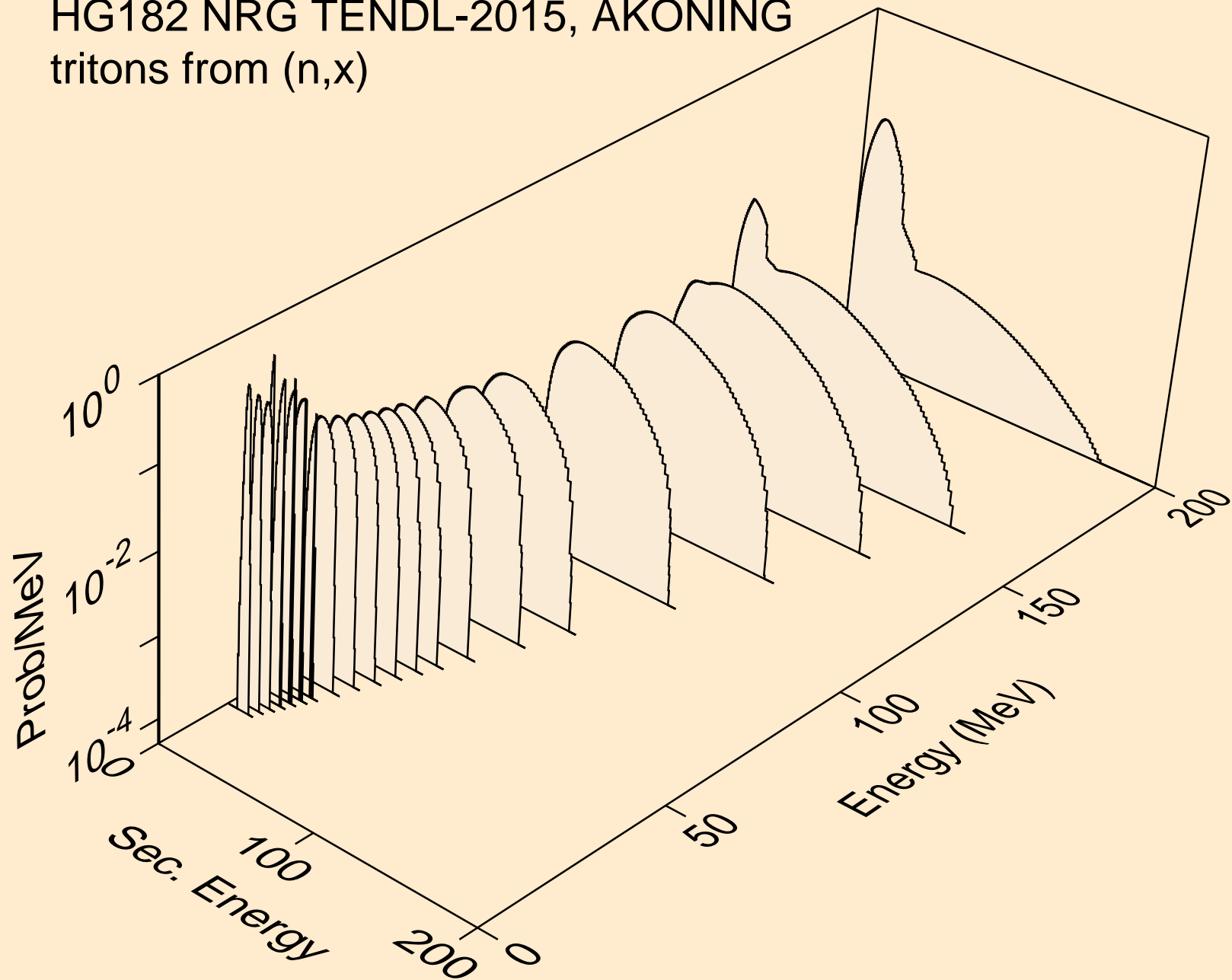


HG182 NRG TENDL-2015, AKONING  
deuterons from (n,da)

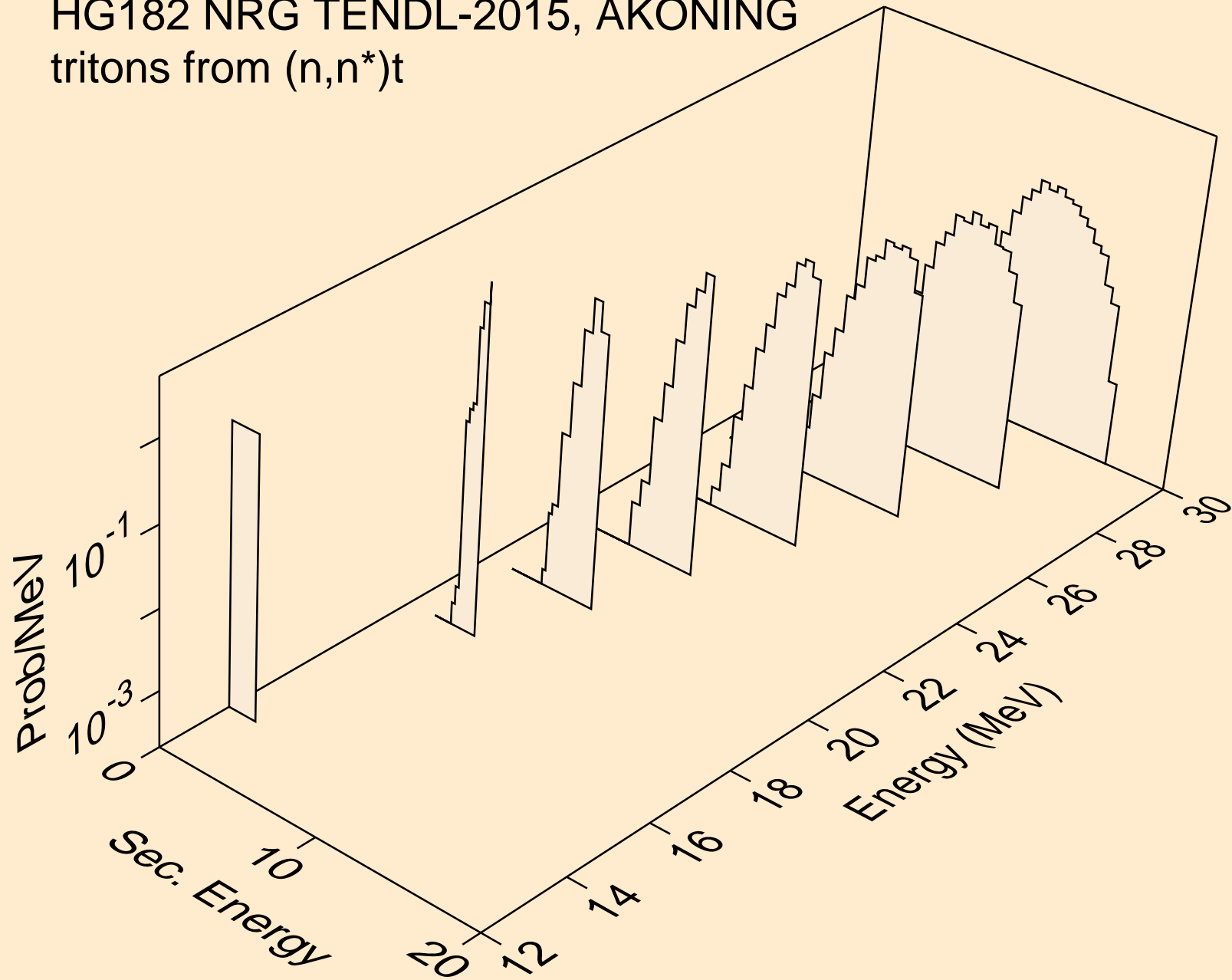




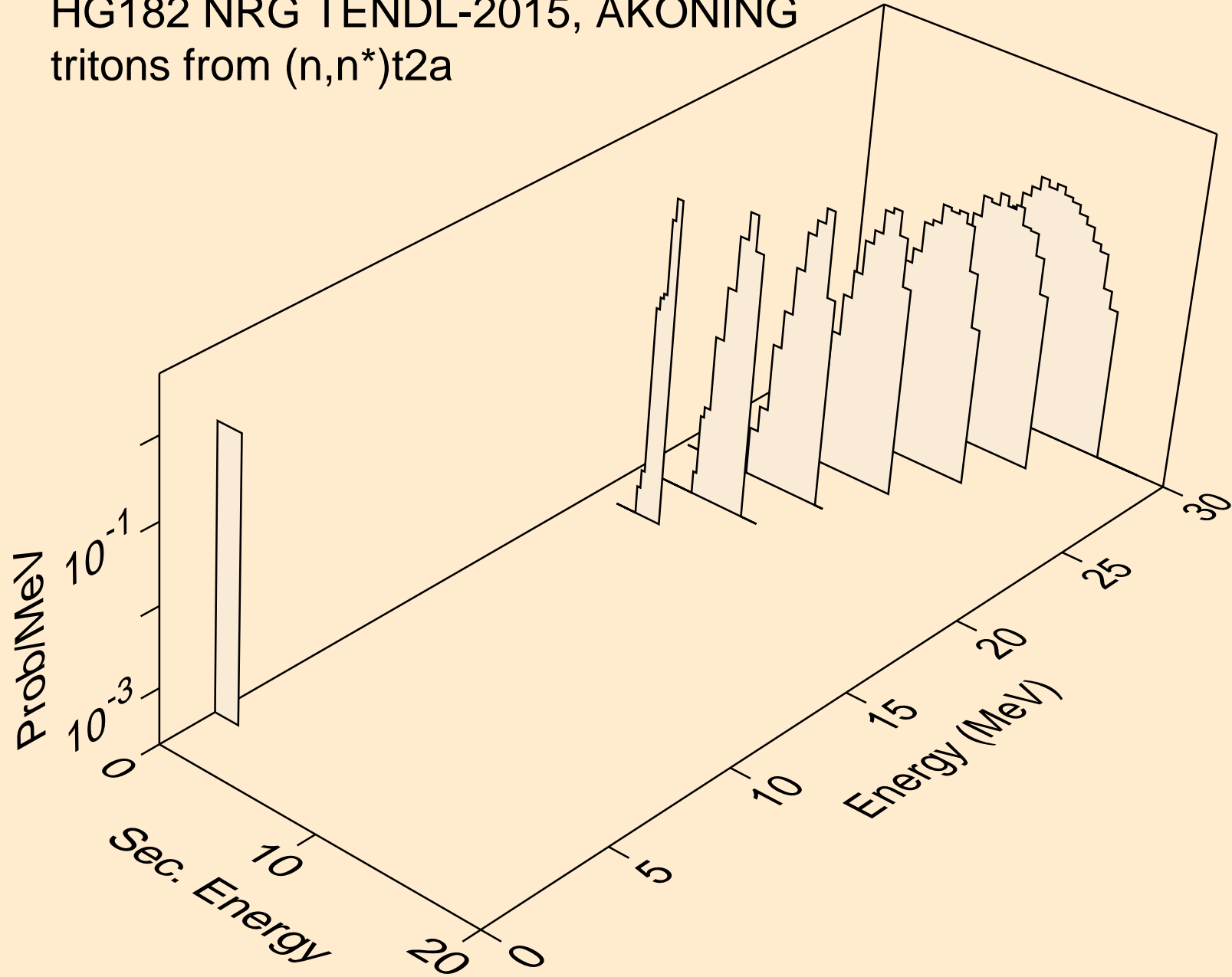
HG182 NRG TENDL-2015, AKONING  
tritons from (n,x)



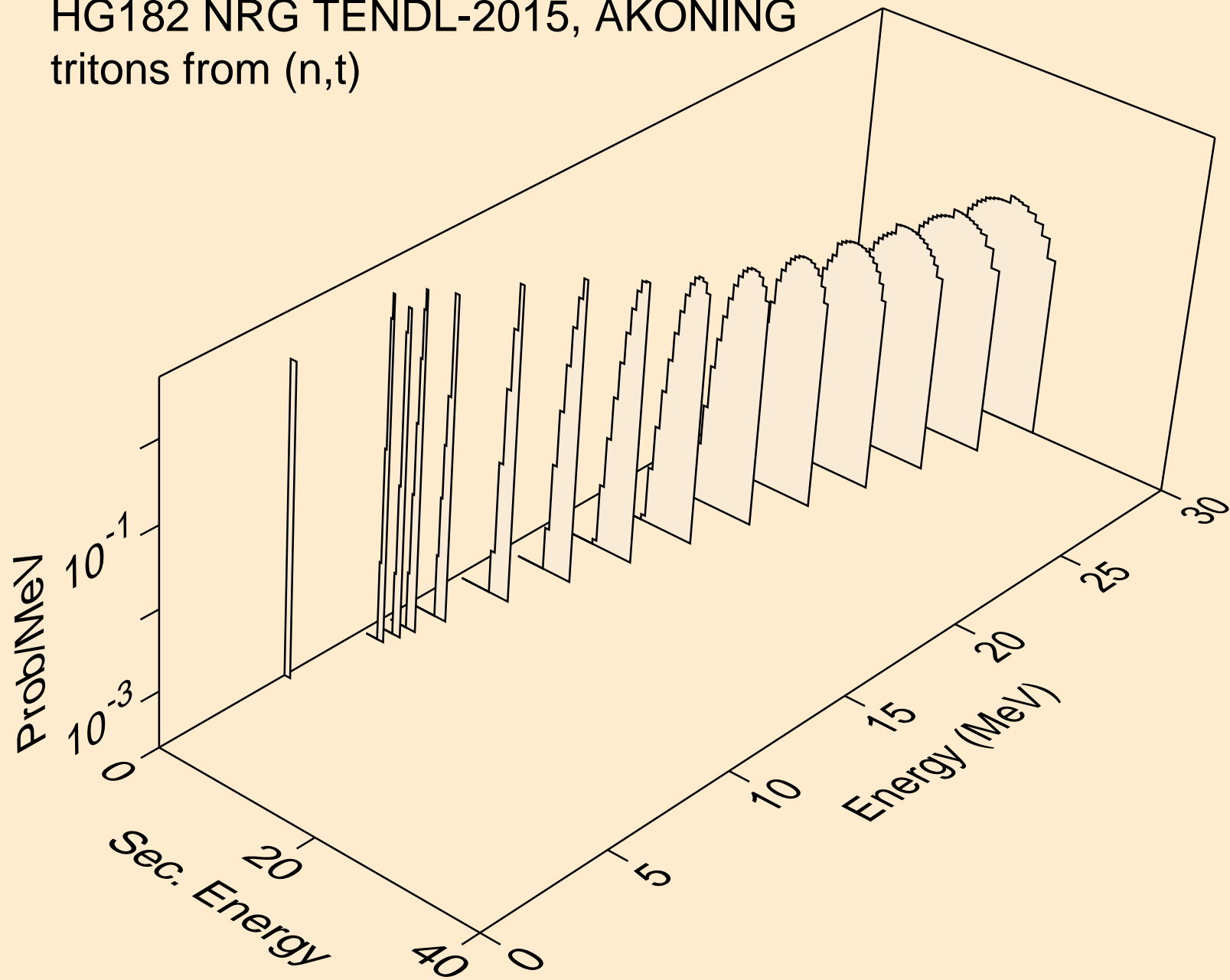
HG182 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



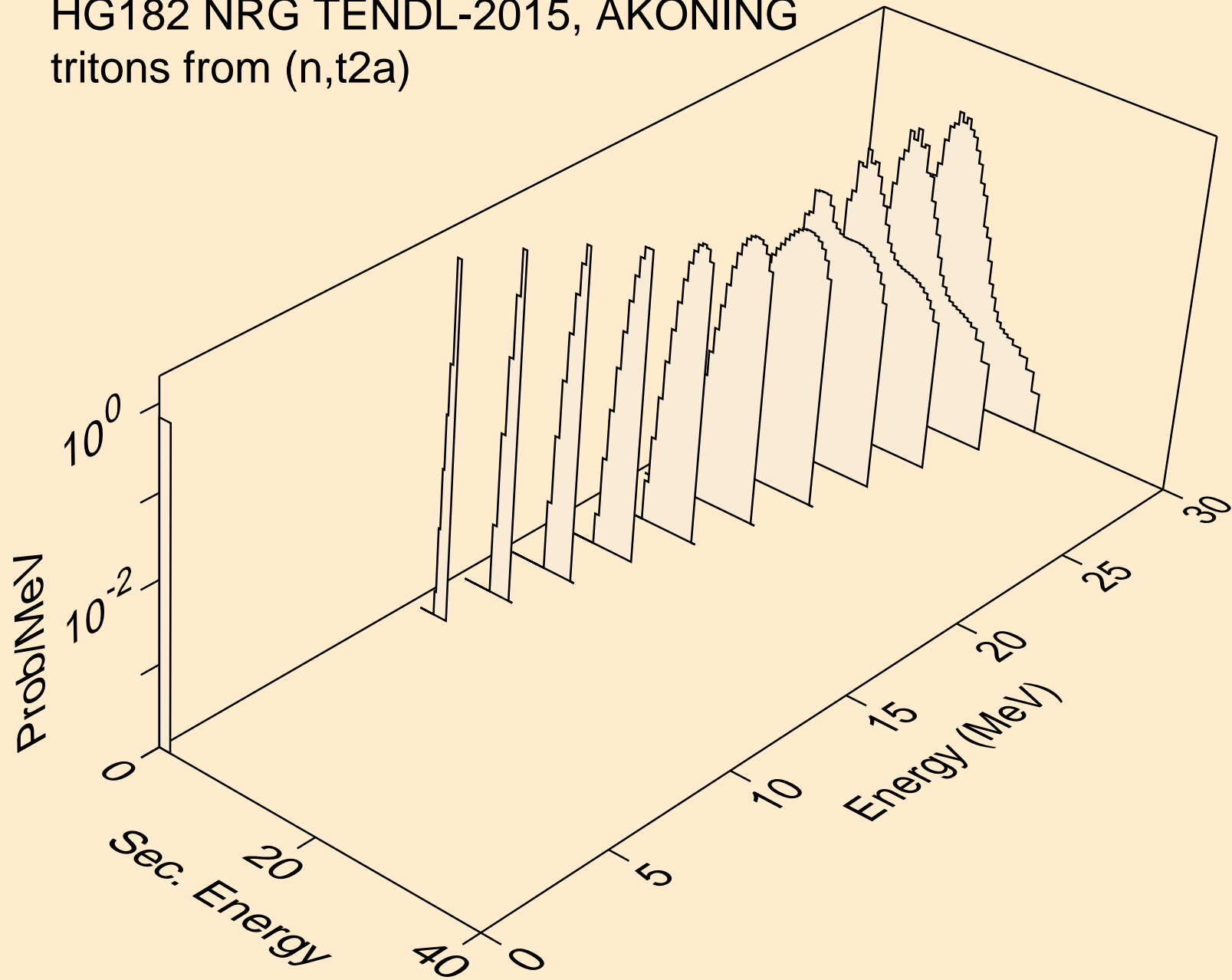
HG182 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



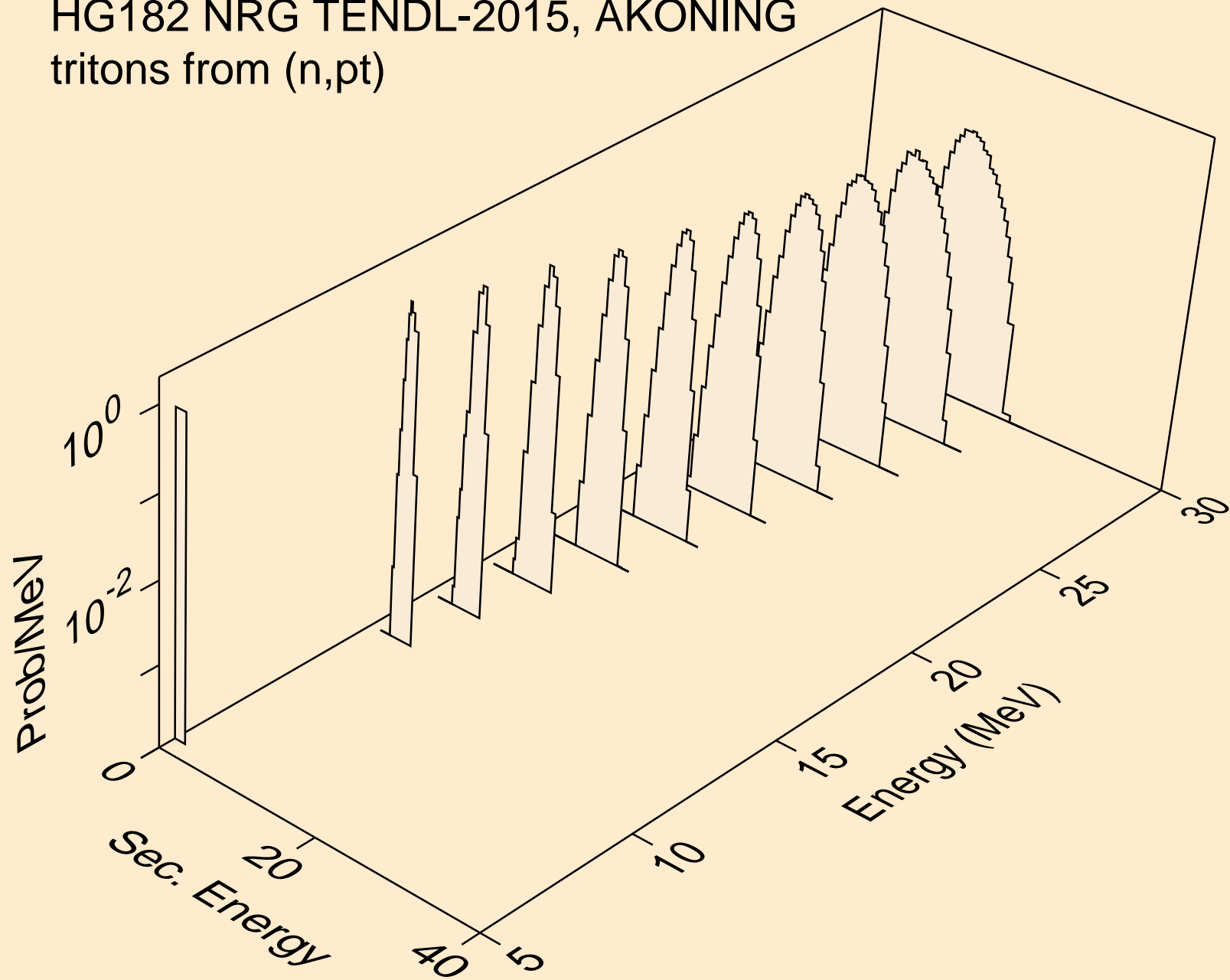
HG182 NRG TENDL-2015, AKONING  
tritons from (n,t)



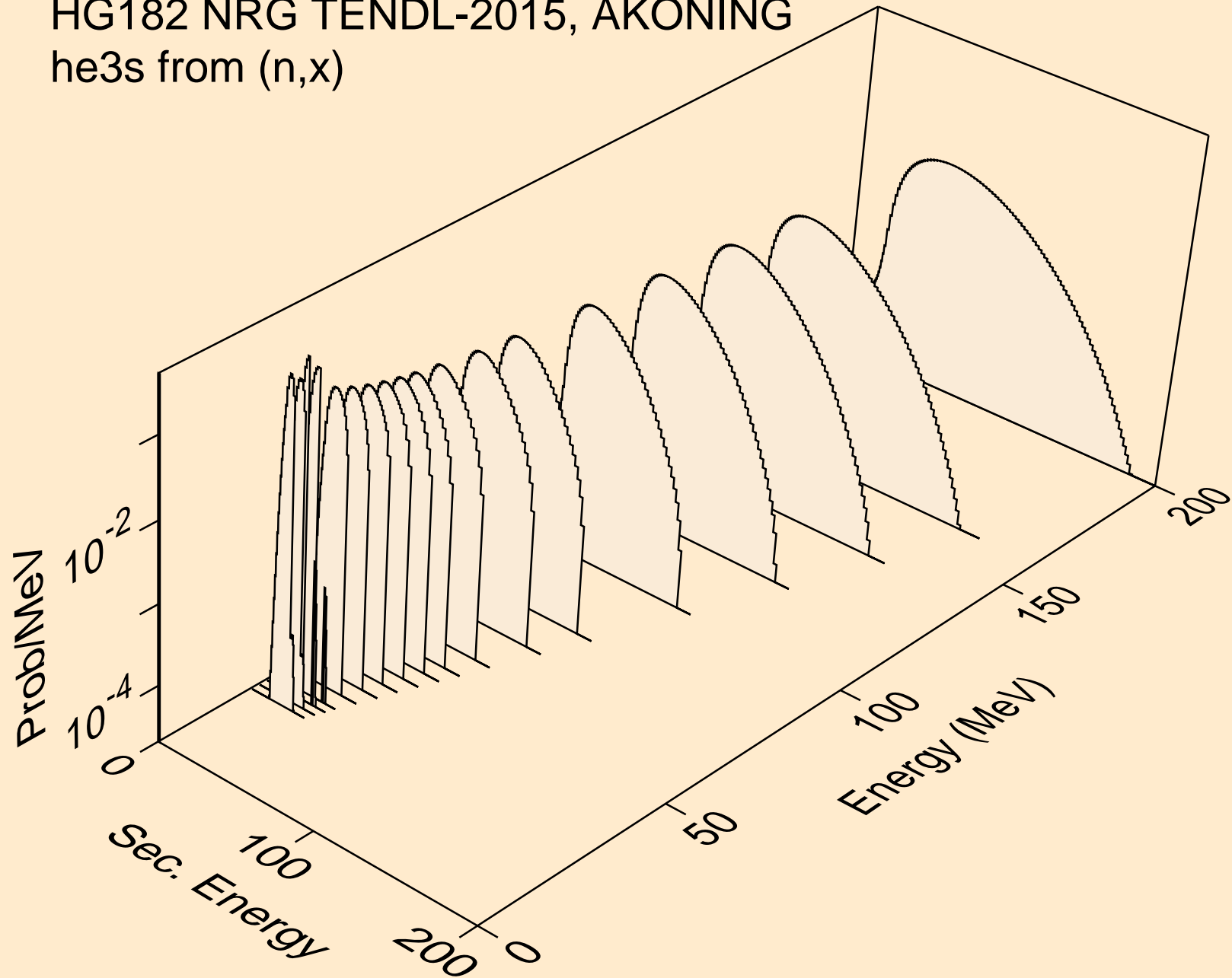
HG182 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



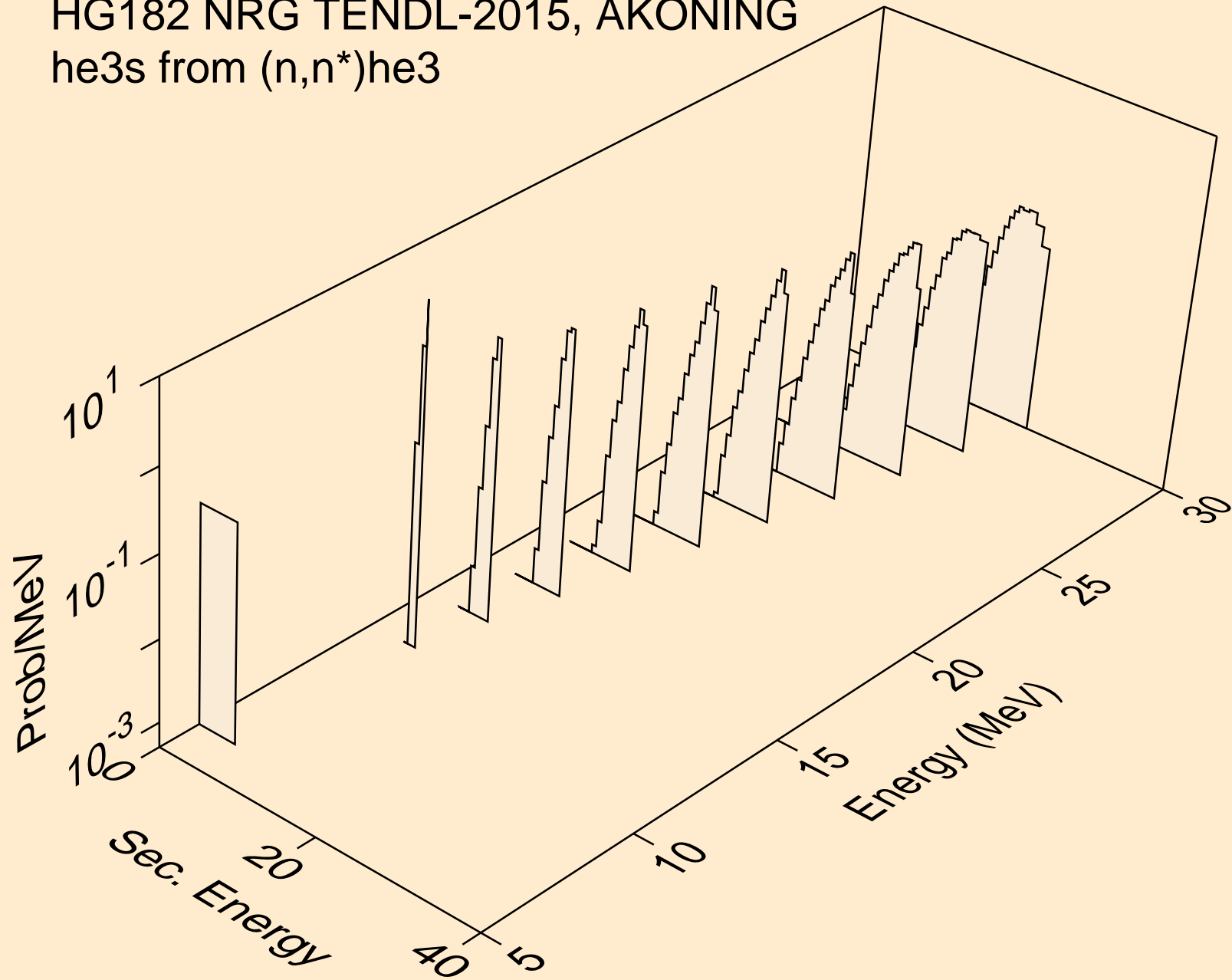
HG182 NRG TENDL-2015, AKONING  
tritons from (n,pt)



HG182 NRG TENDL-2015, AKONING  
he3s from (n,x)

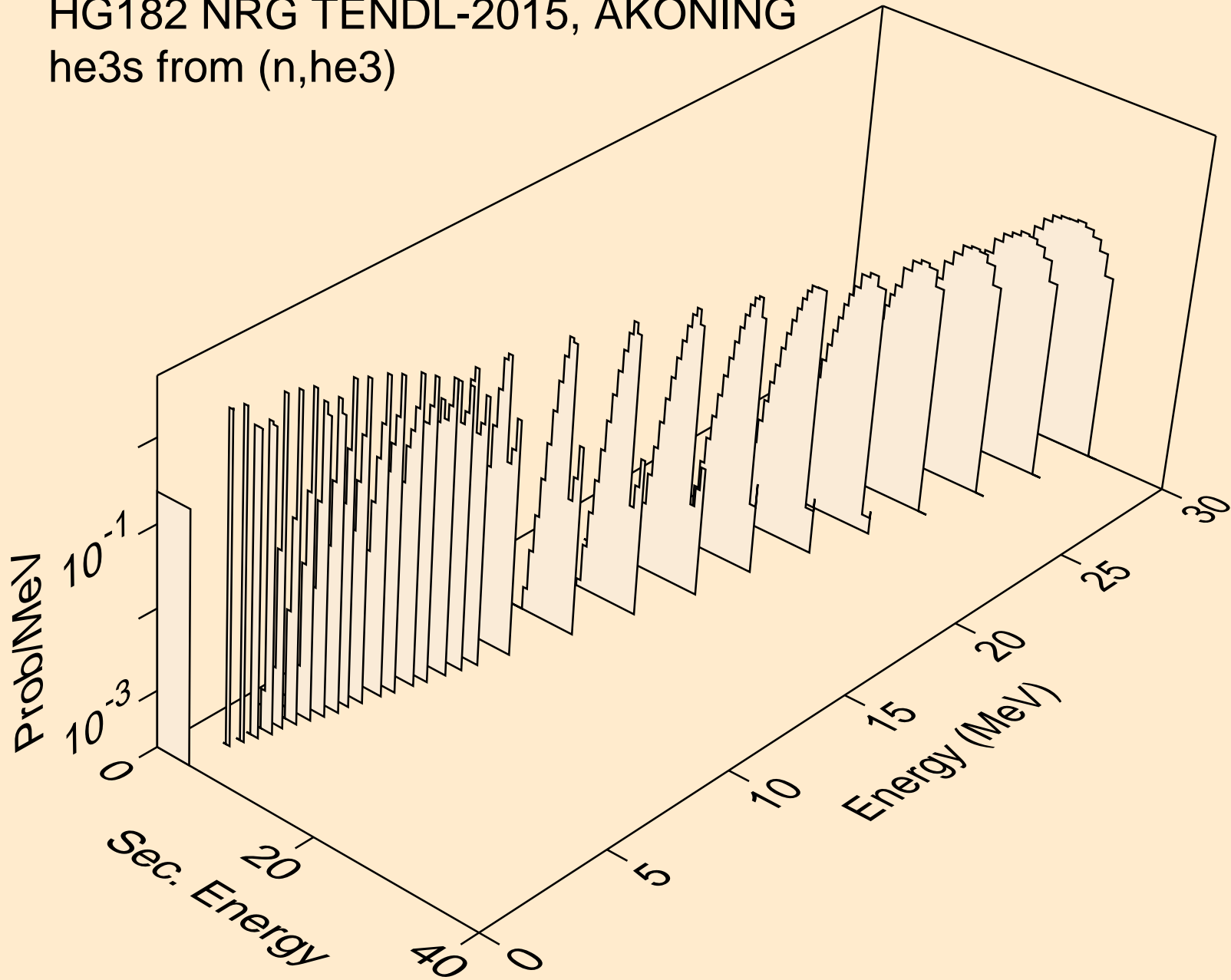


HG182 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

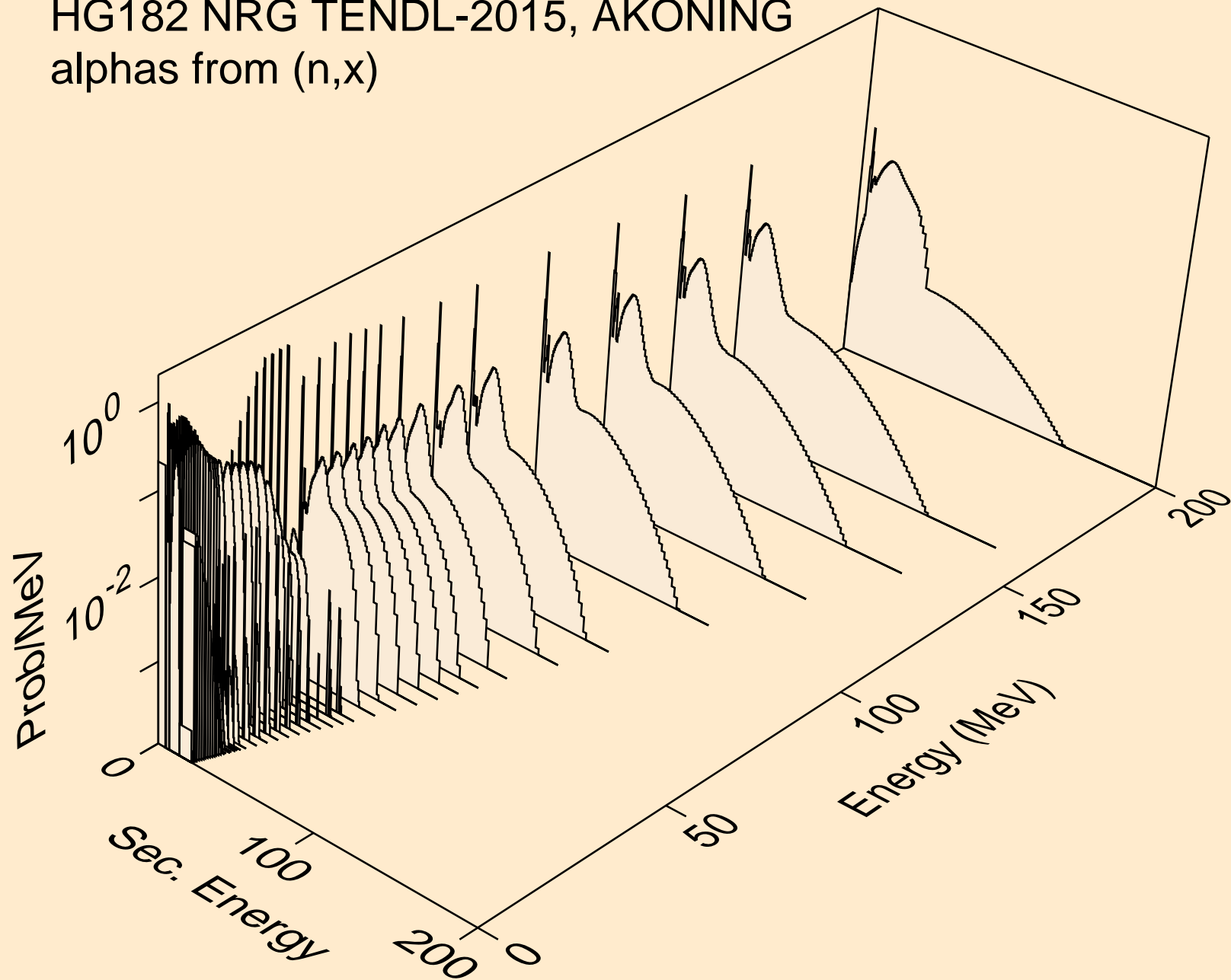




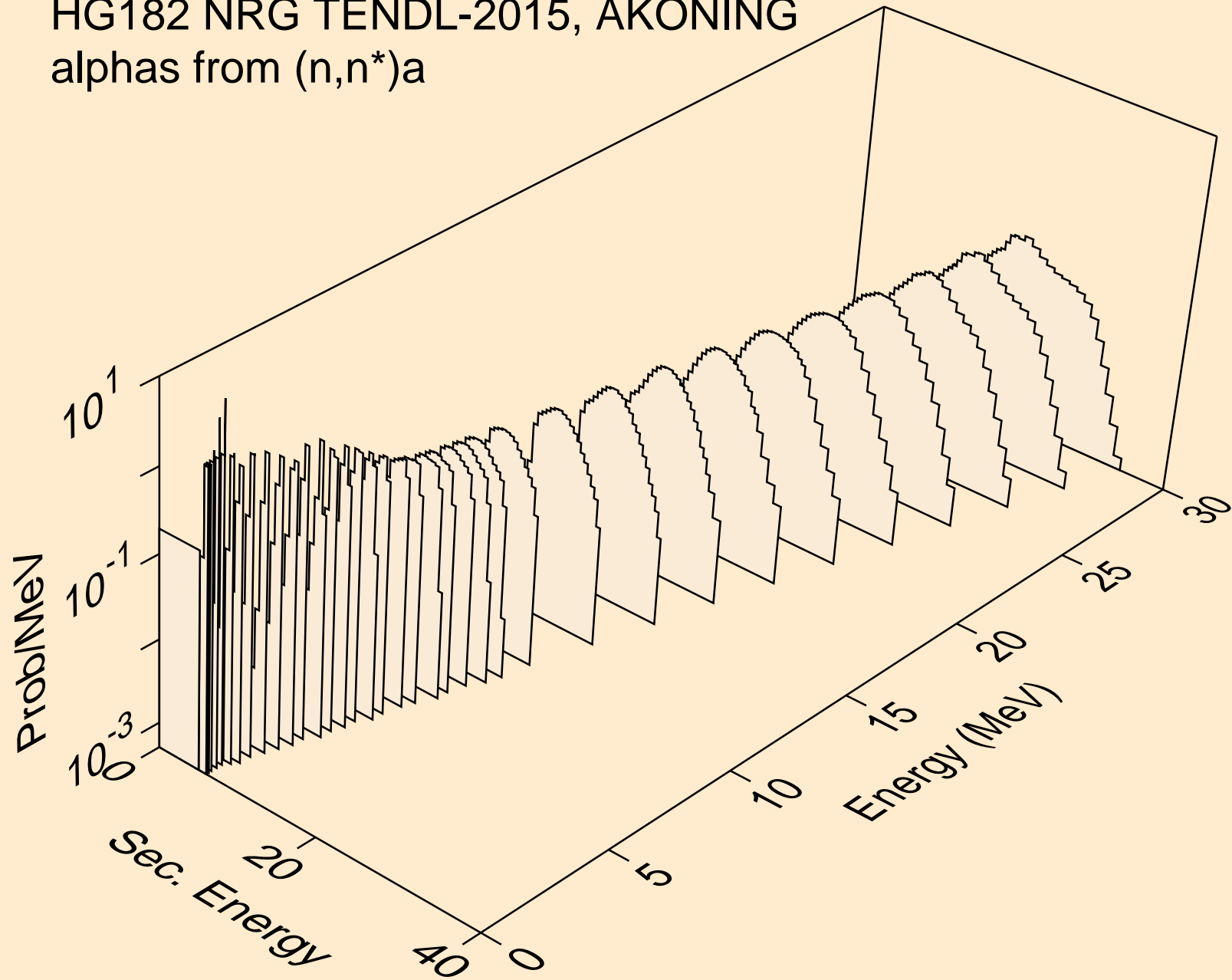
HG182 NRG TENDL-2015, AKONING  
he3s from (n,he3)



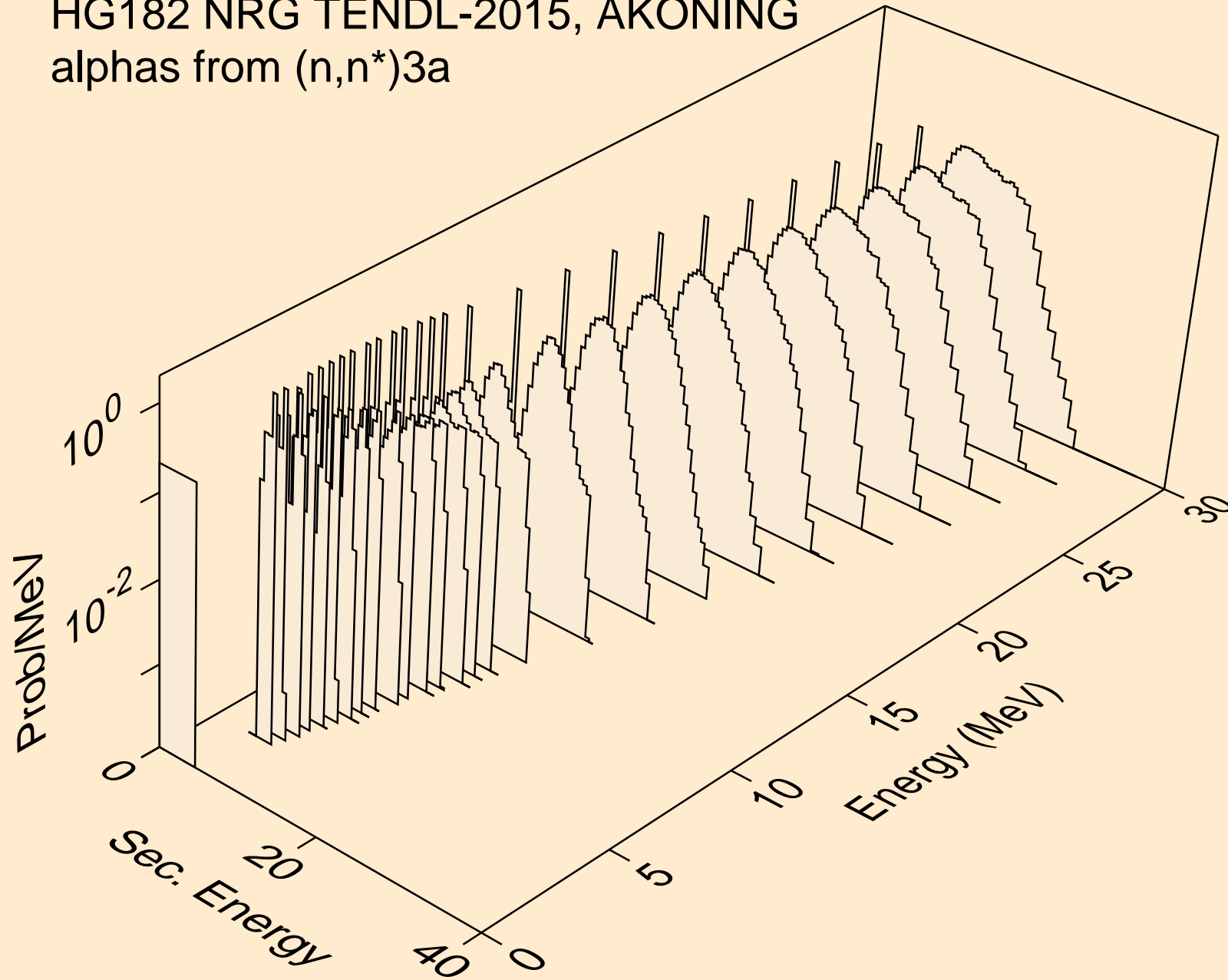
HG182 NRG TENDL-2015, AKONING  
alphas from (n,x)



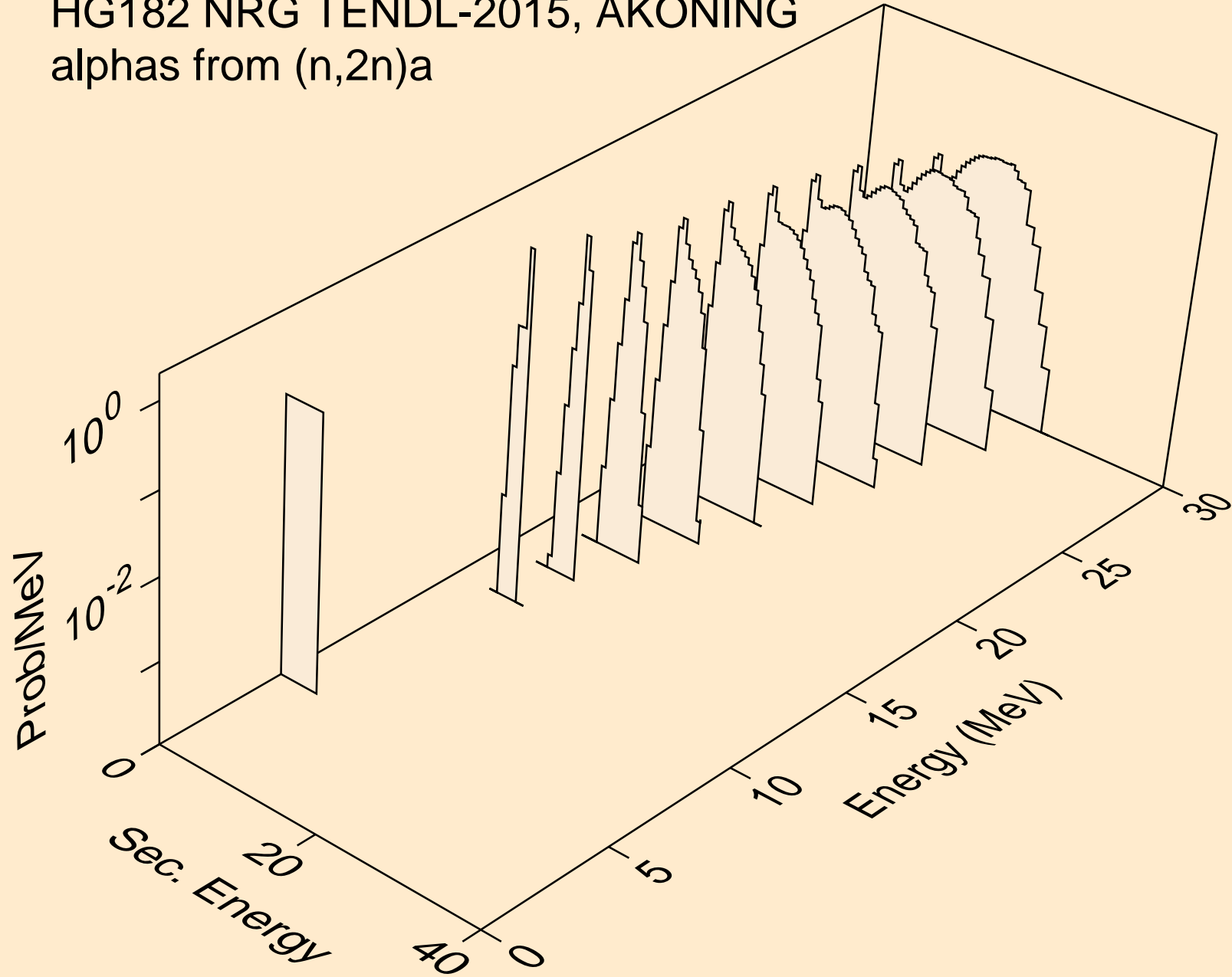
HG182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



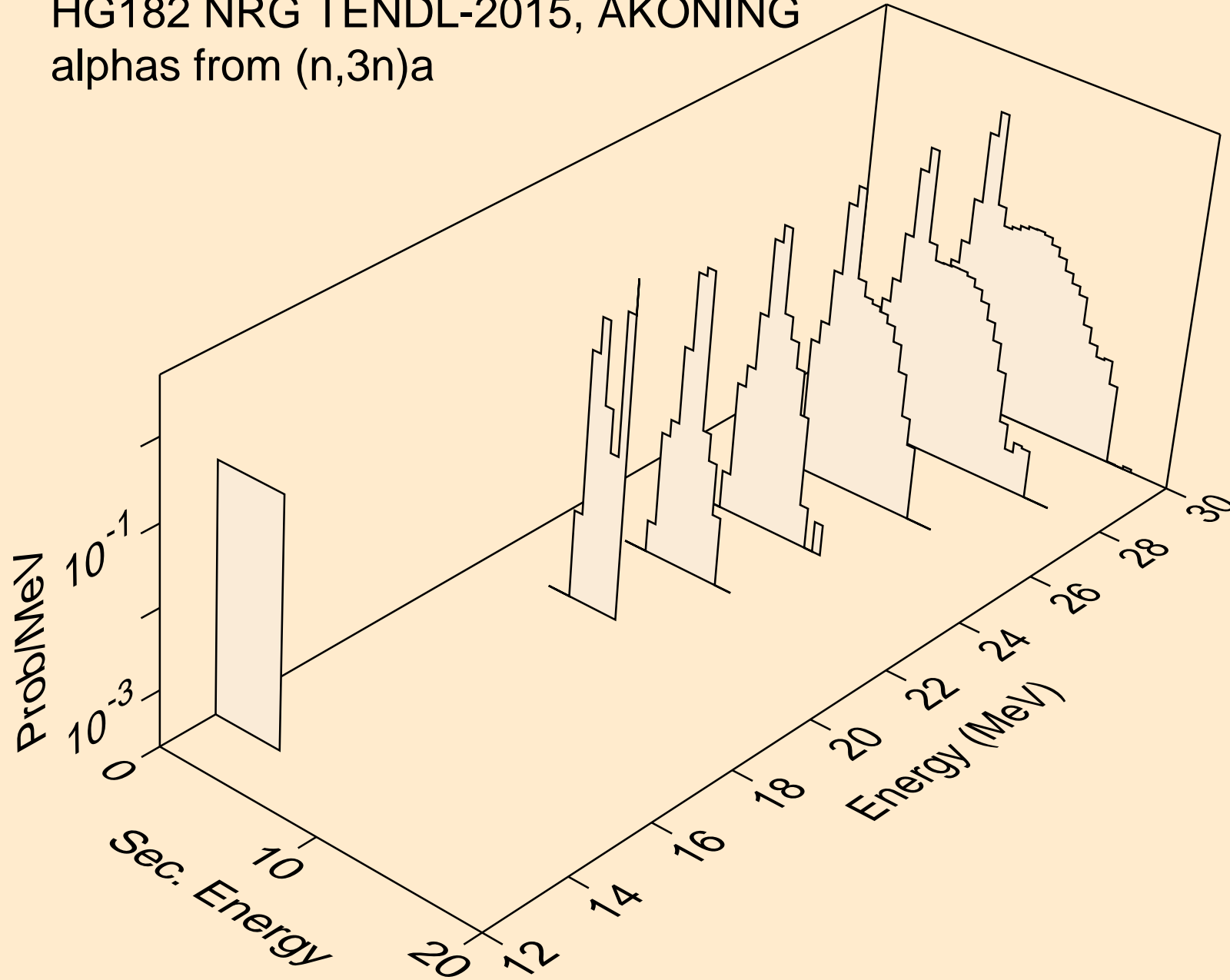
HG182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



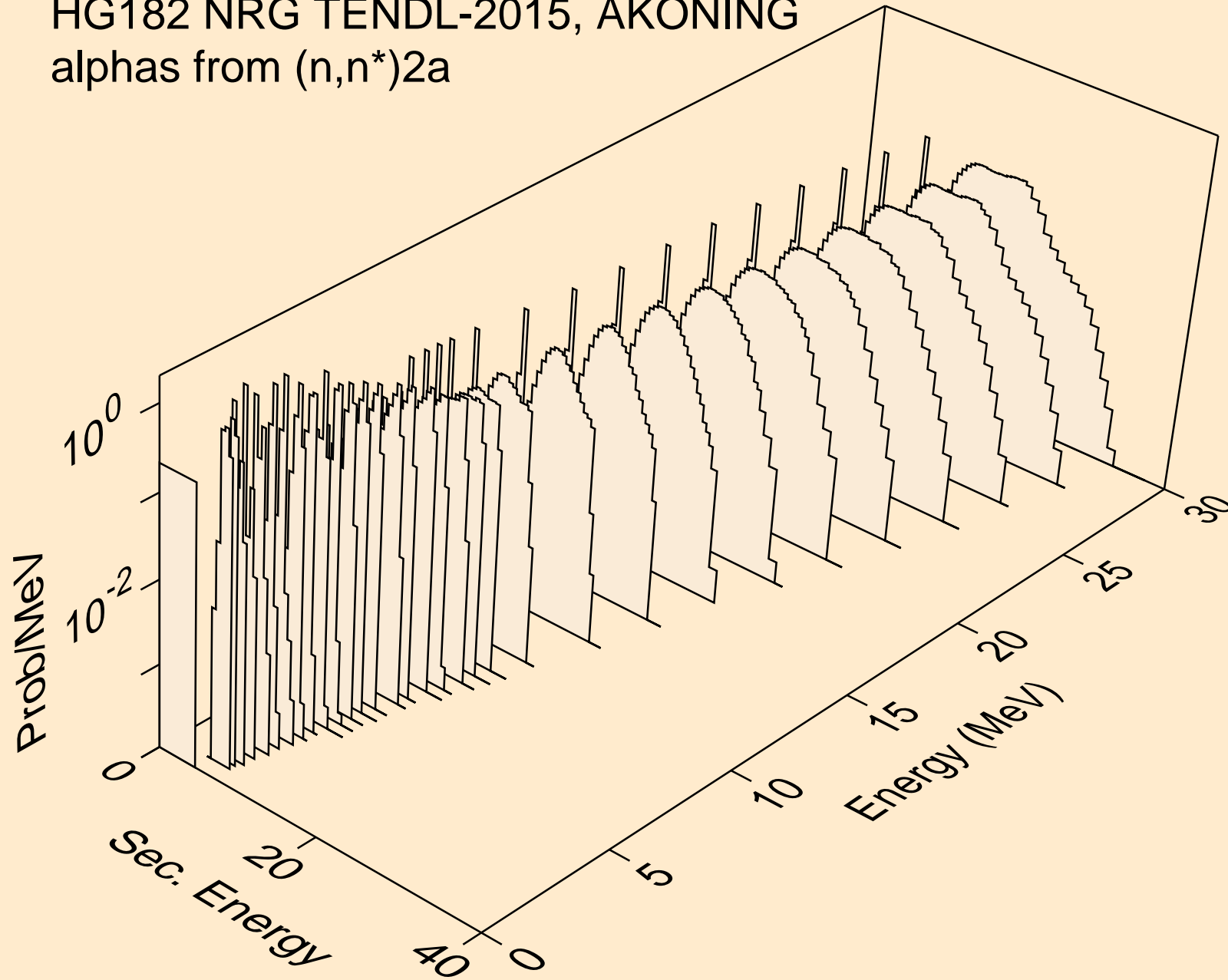
HG182 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



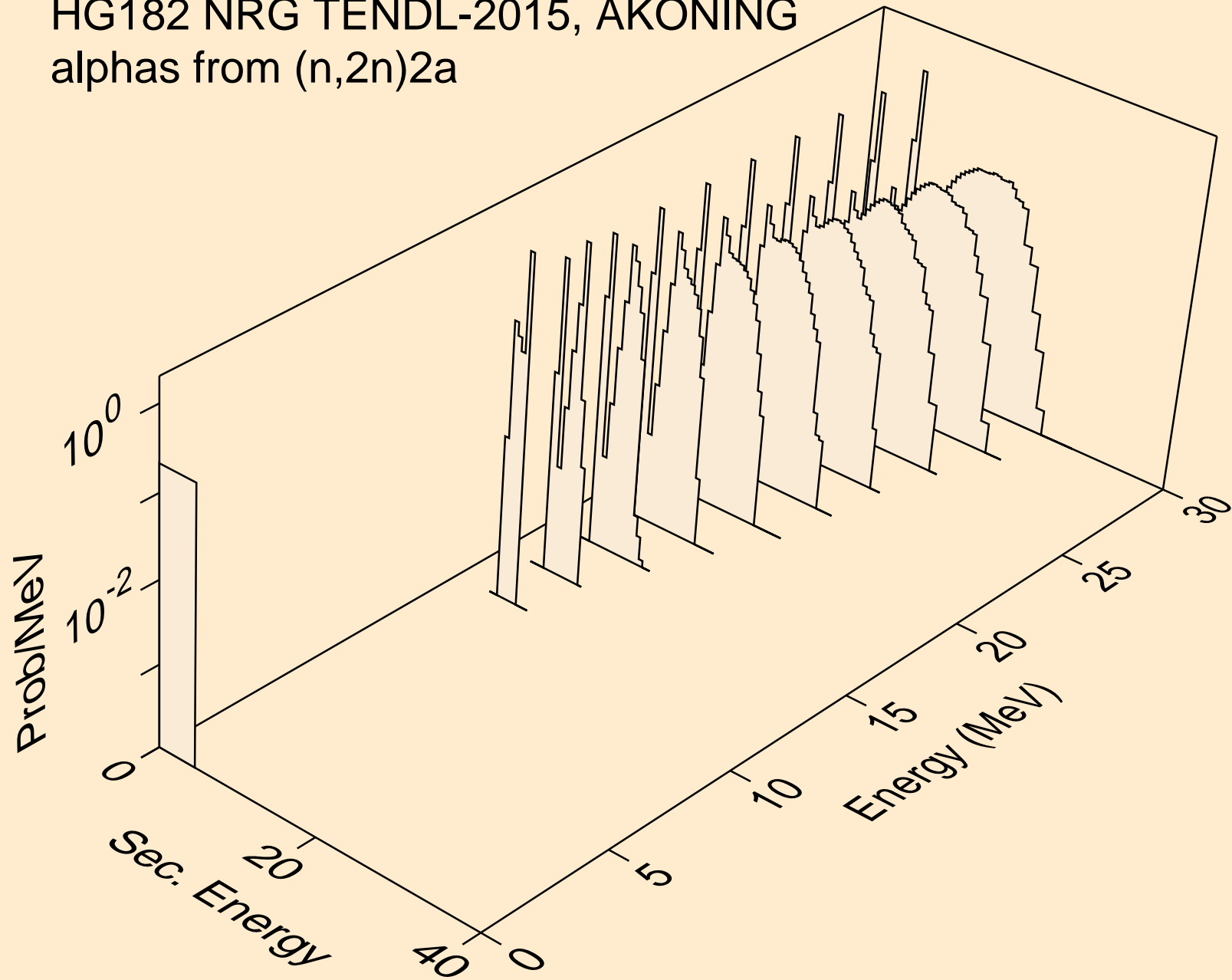
HG182 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



HG182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

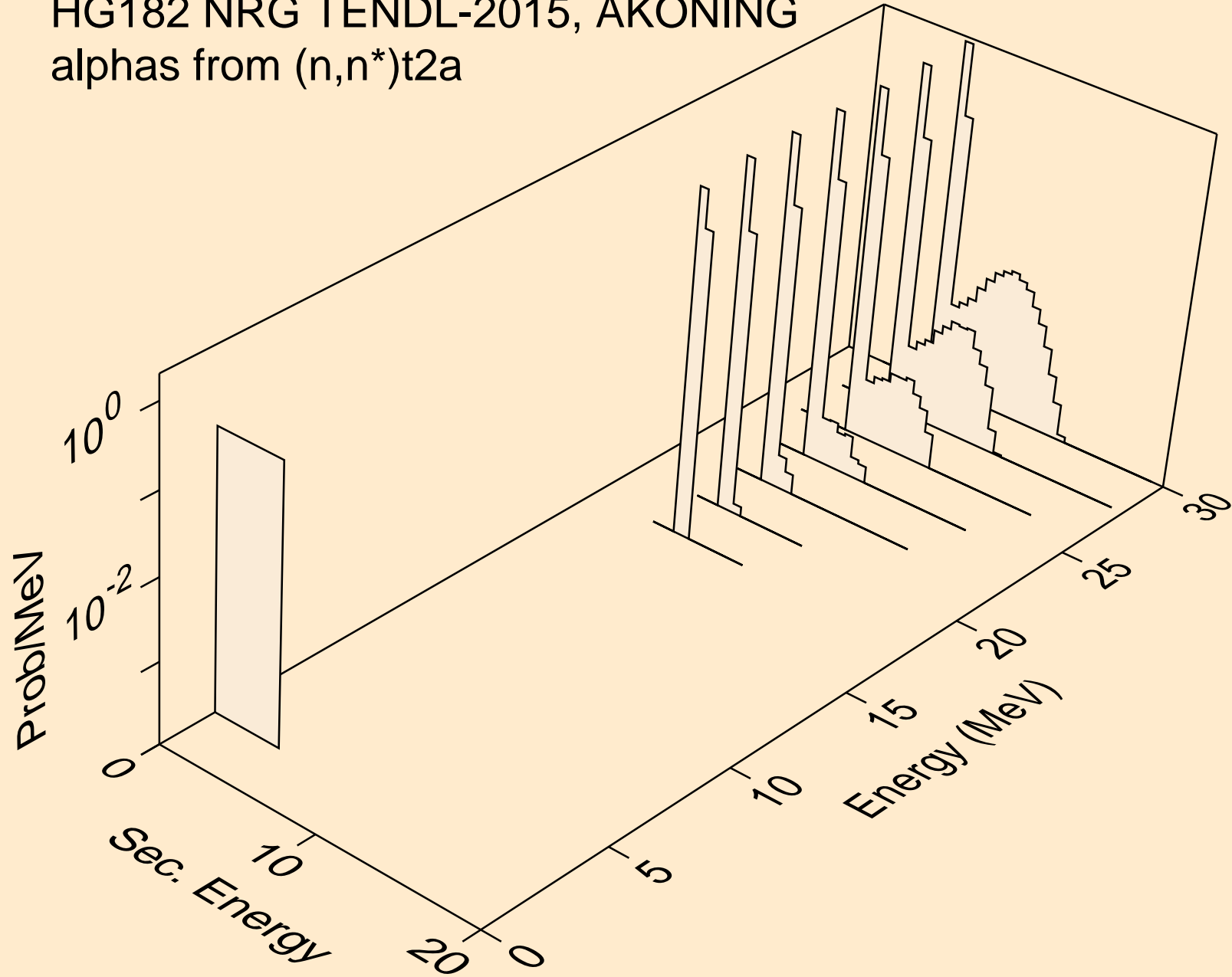


HG182 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

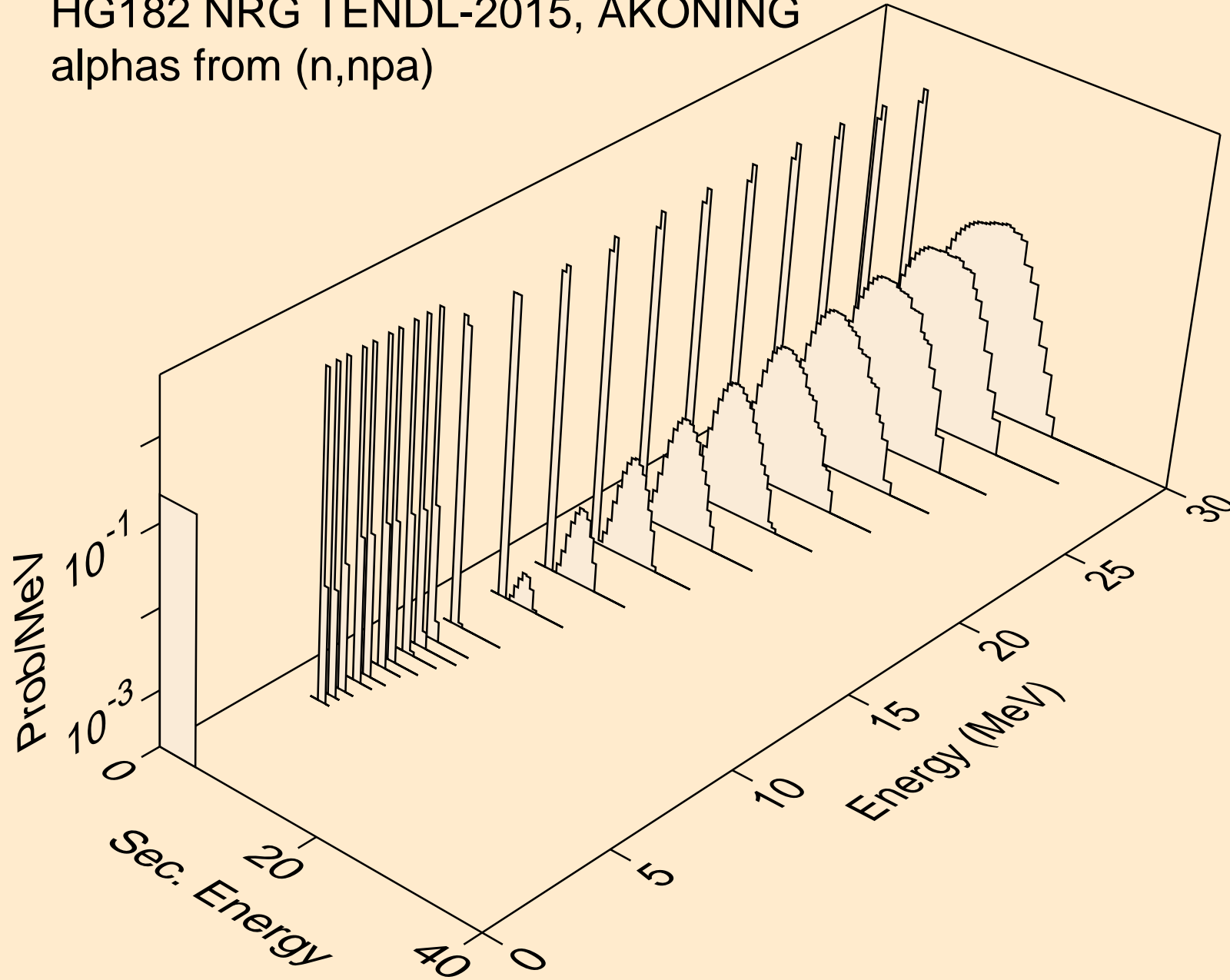




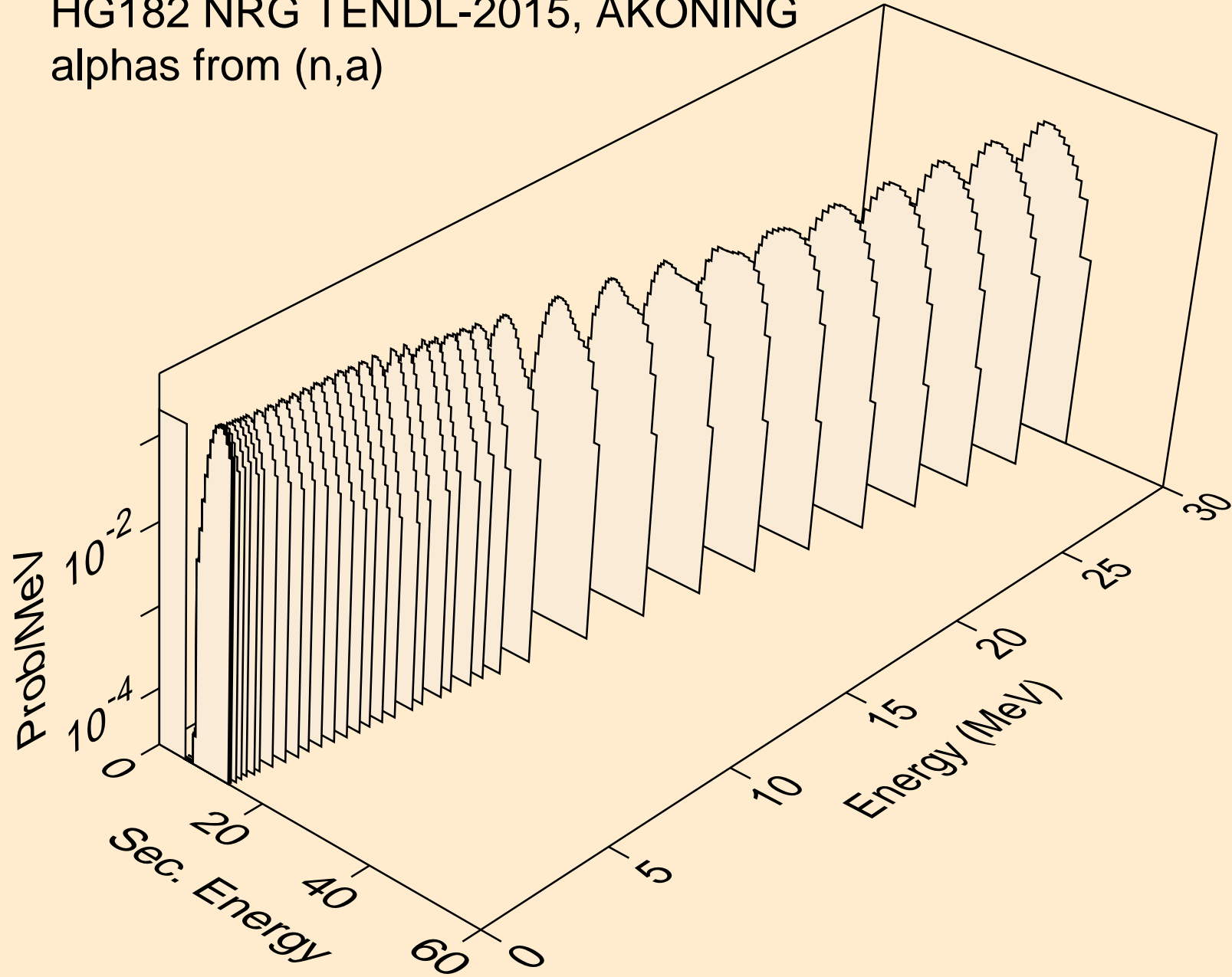
HG182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



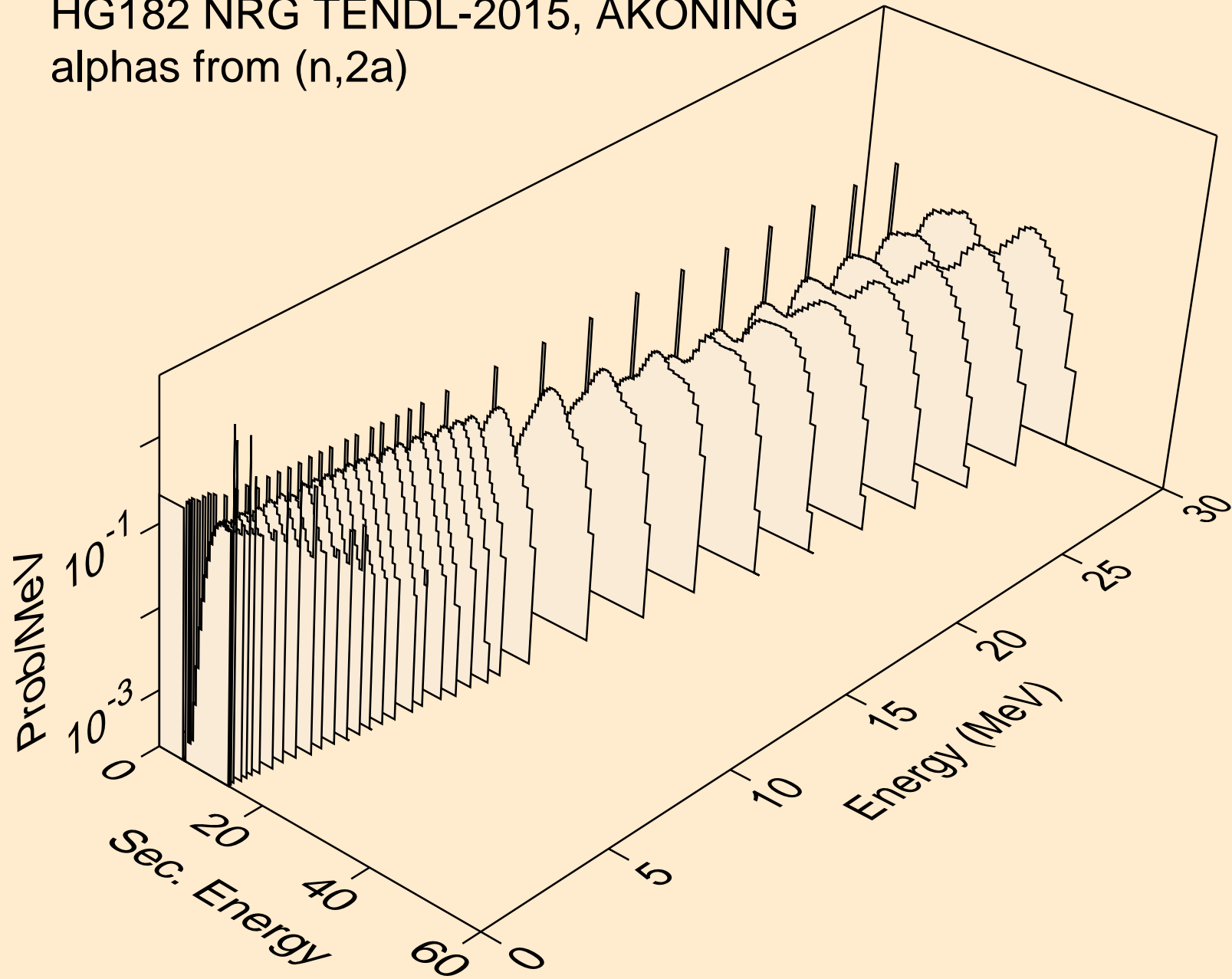
HG182 NRG TENDL-2015, AKONING  
alphas from (n,npa)



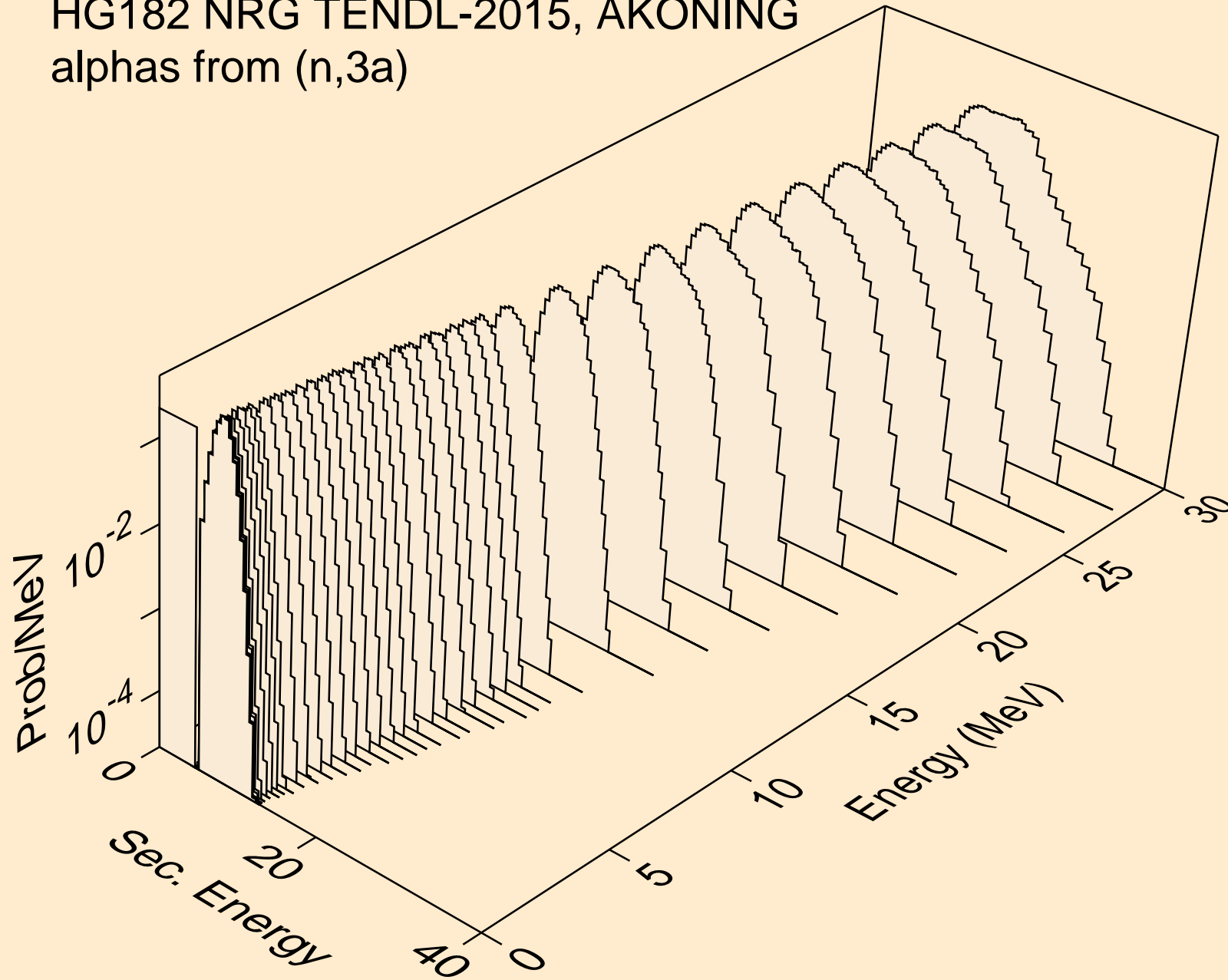
HG182 NRG TENDL-2015, AKONING  
alphas from (n,a)



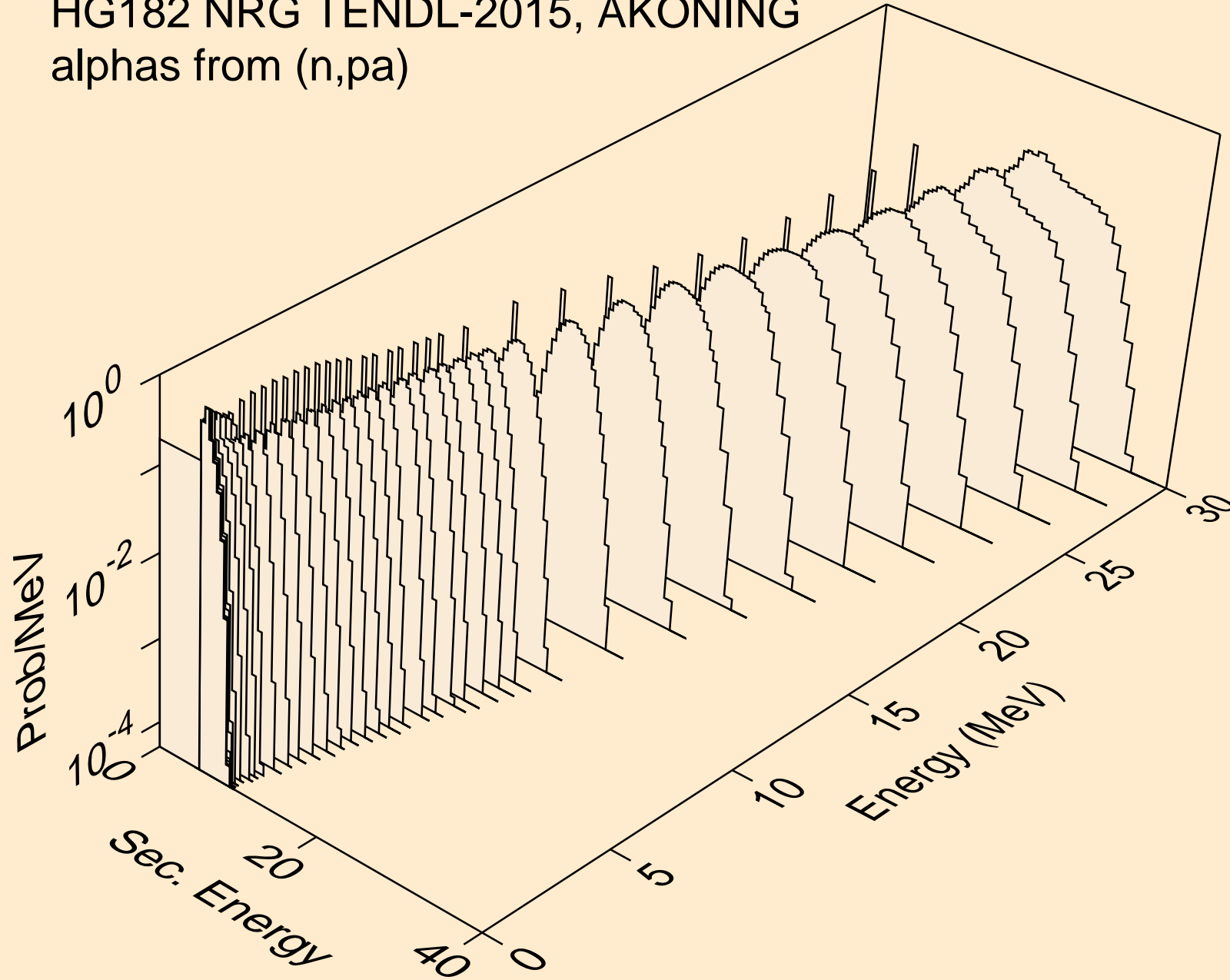
HG182 NRG TENDL-2015, AKONING  
alphas from (n,2a)



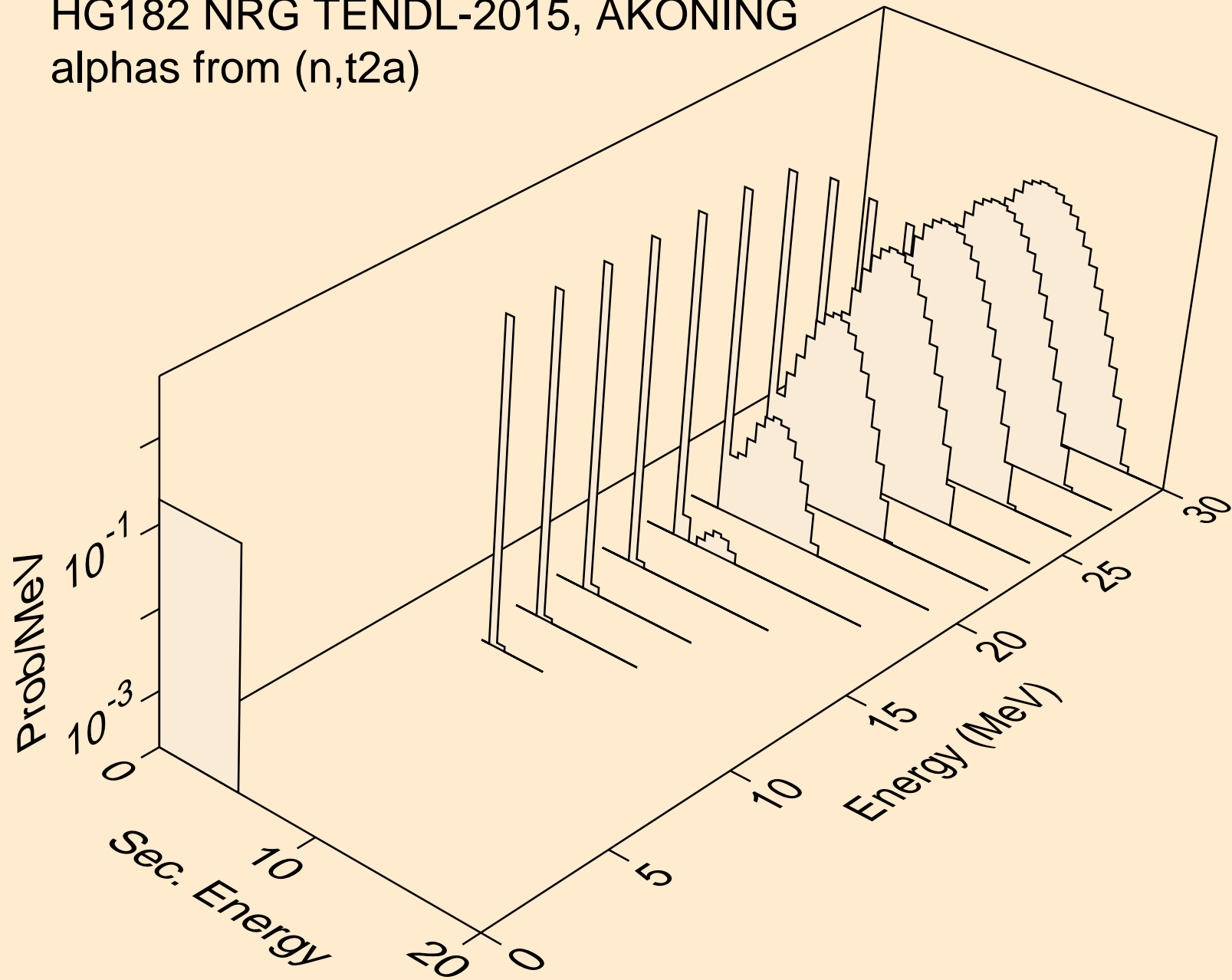
HG182 NRG TENDL-2015, AKONING  
alphas from (n,3a)



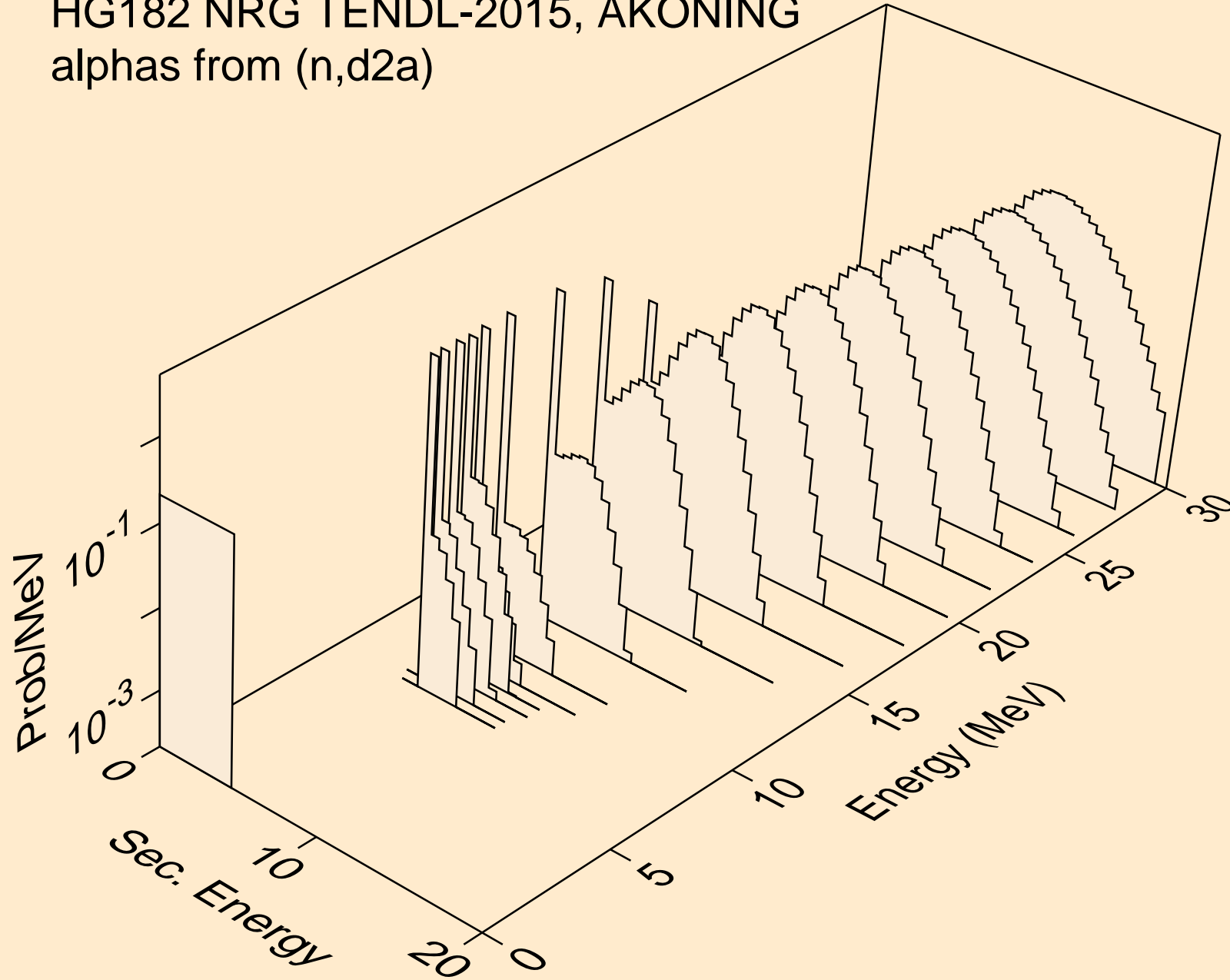
HG182 NRG TENDL-2015, AKONING  
alphas from (n,pa)



HG182 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



HG182 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





HG182 NRG TENDL-2015, AKONING  
alphas from (n,da)

