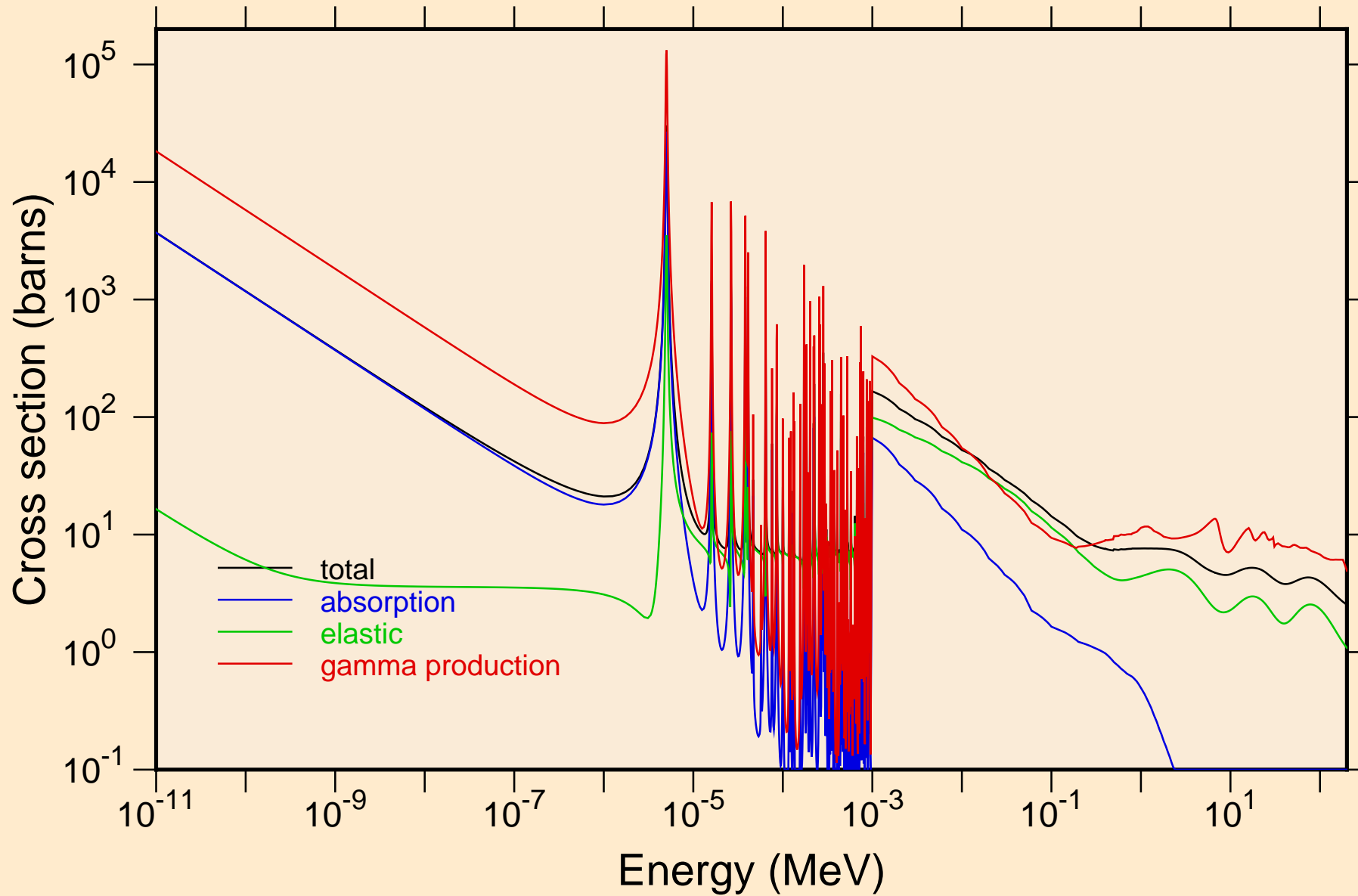
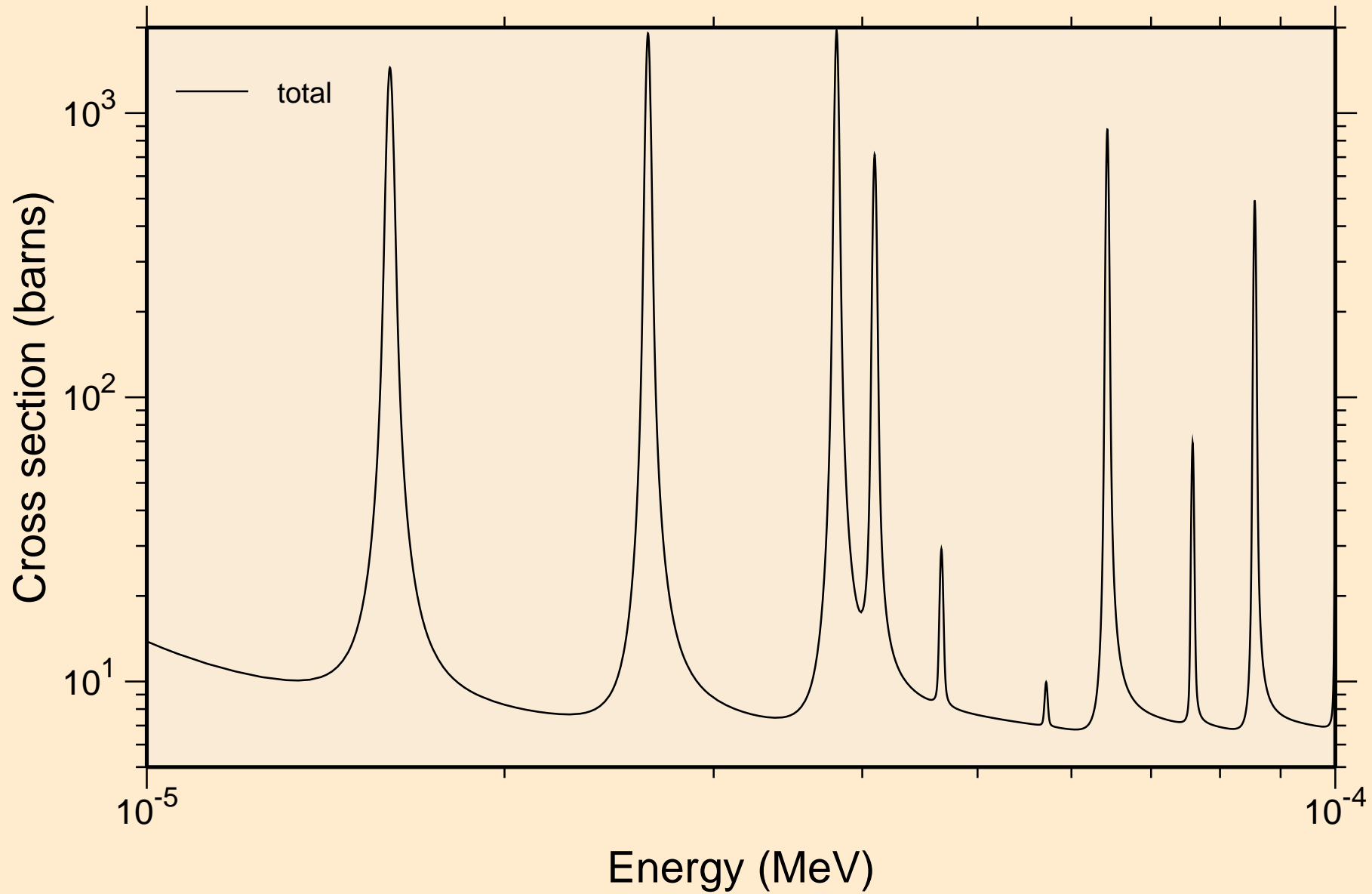


# HO164 NRG TENDL-2015, AKONING

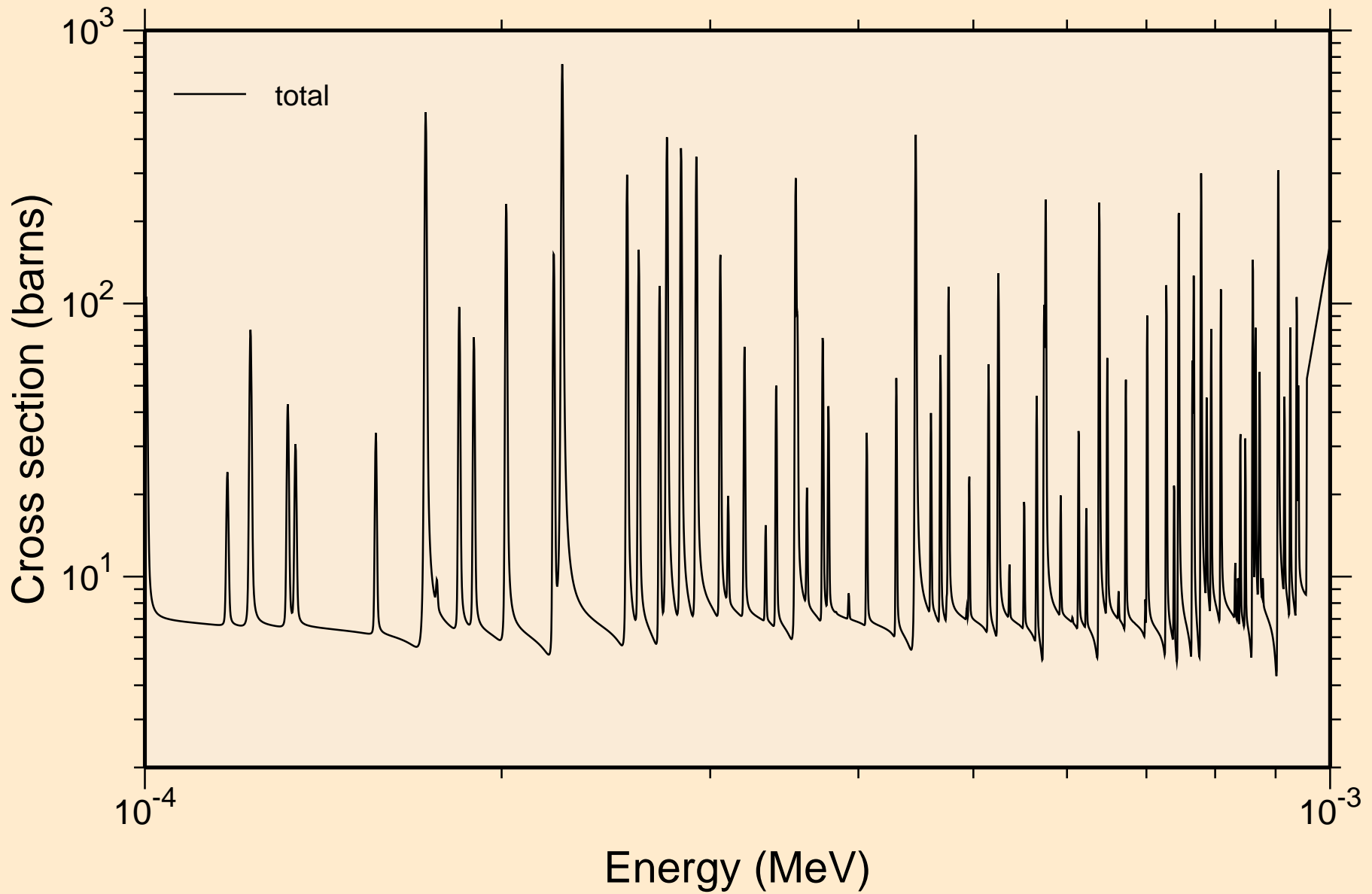
## Principal cross sections



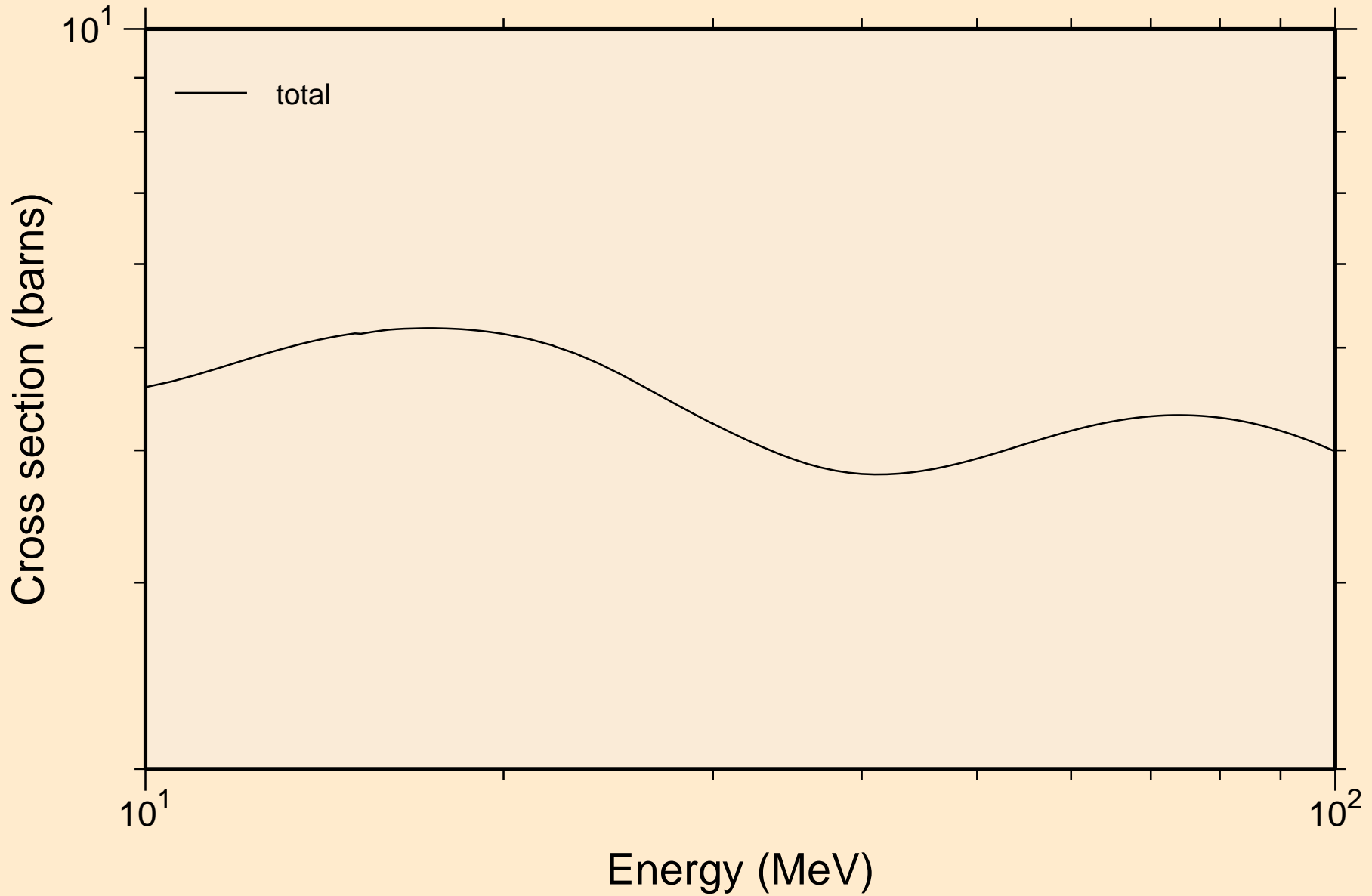
HO164 NRG TENDL-2015, AKONING  
resonance total cross section



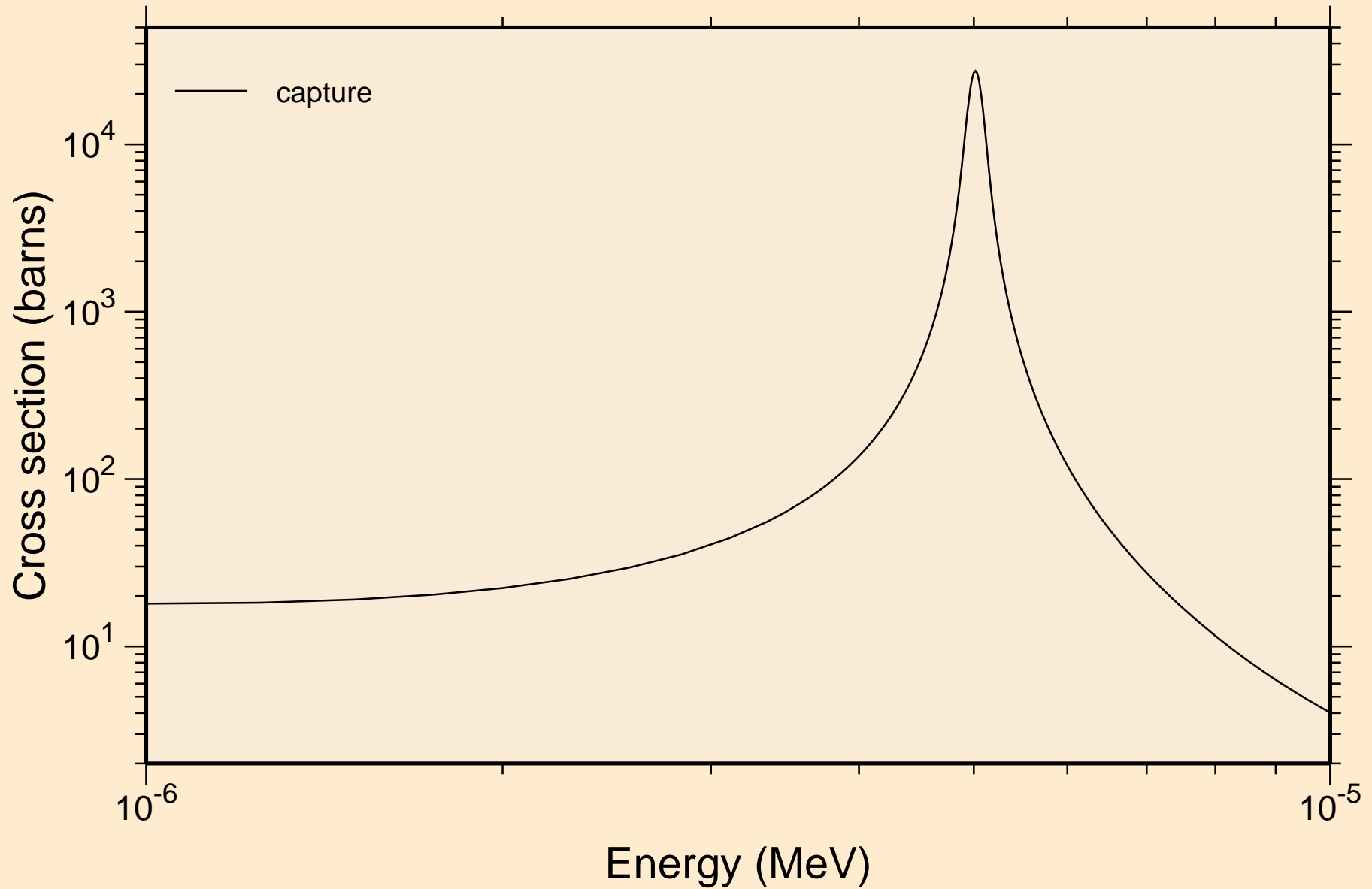
HO164 NRG TENDL-2015, AKONING  
resonance total cross section



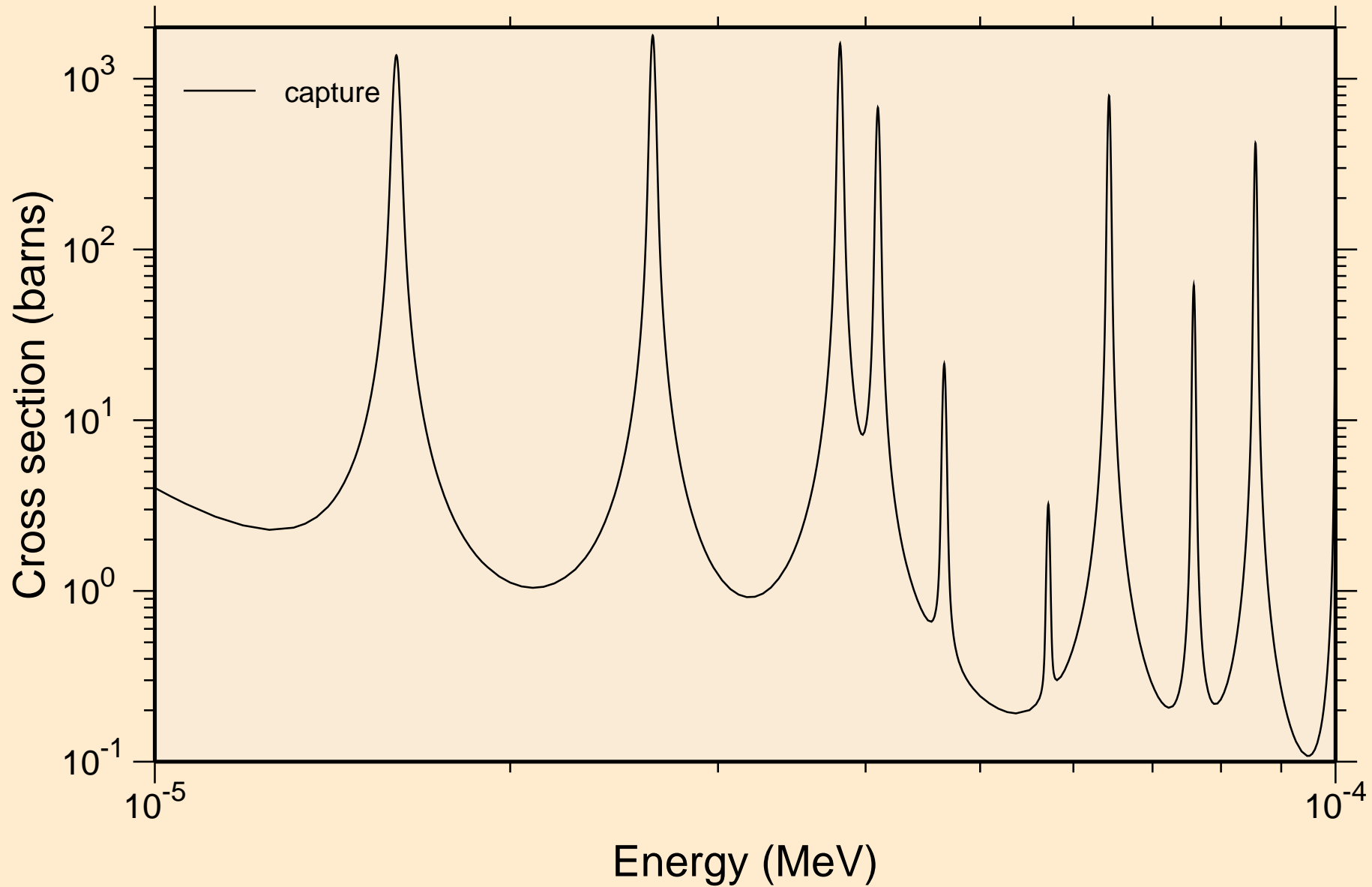
HO164 NRG TENDL-2015, AKONING  
resonance total cross section



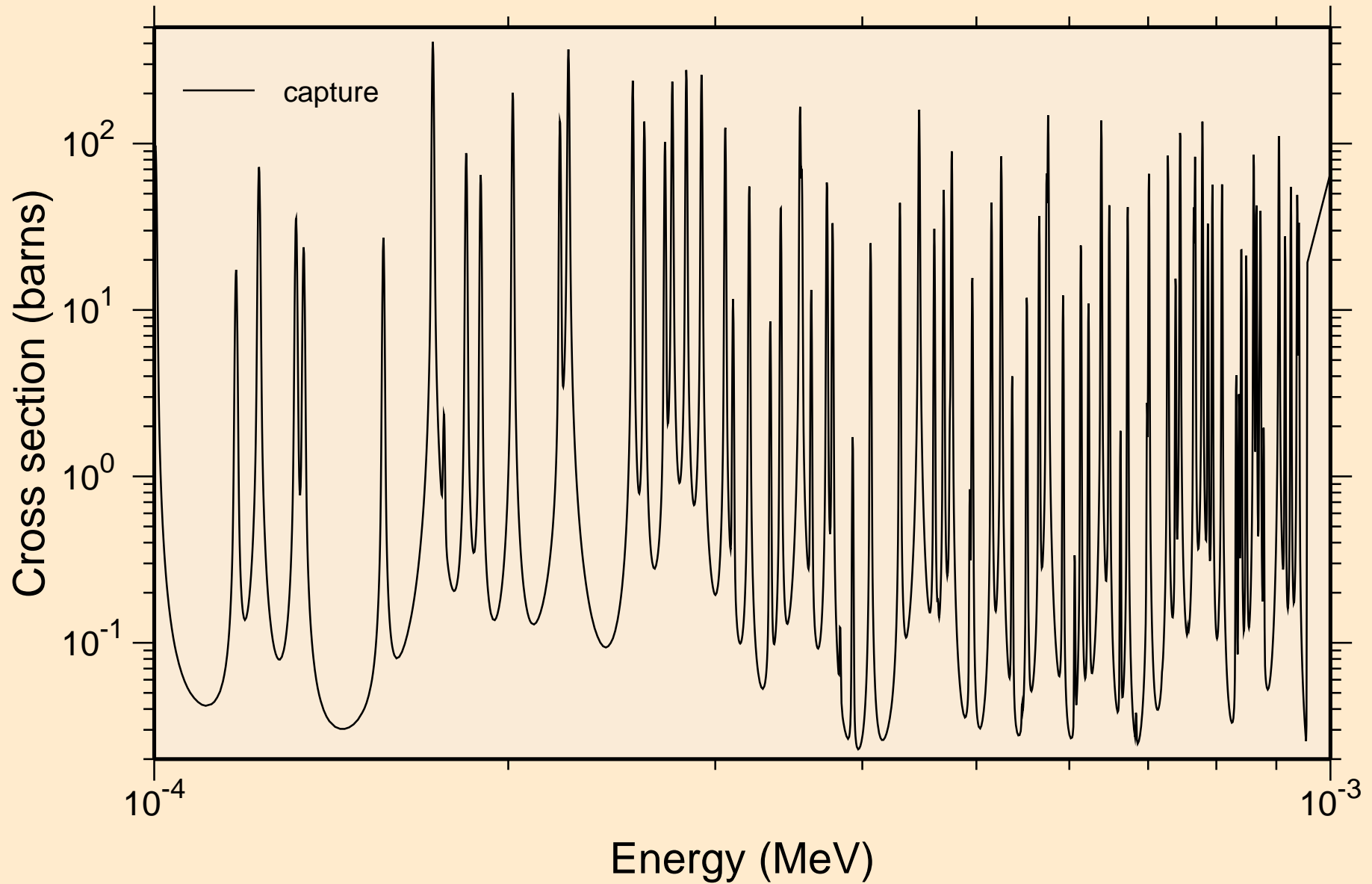
HO164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



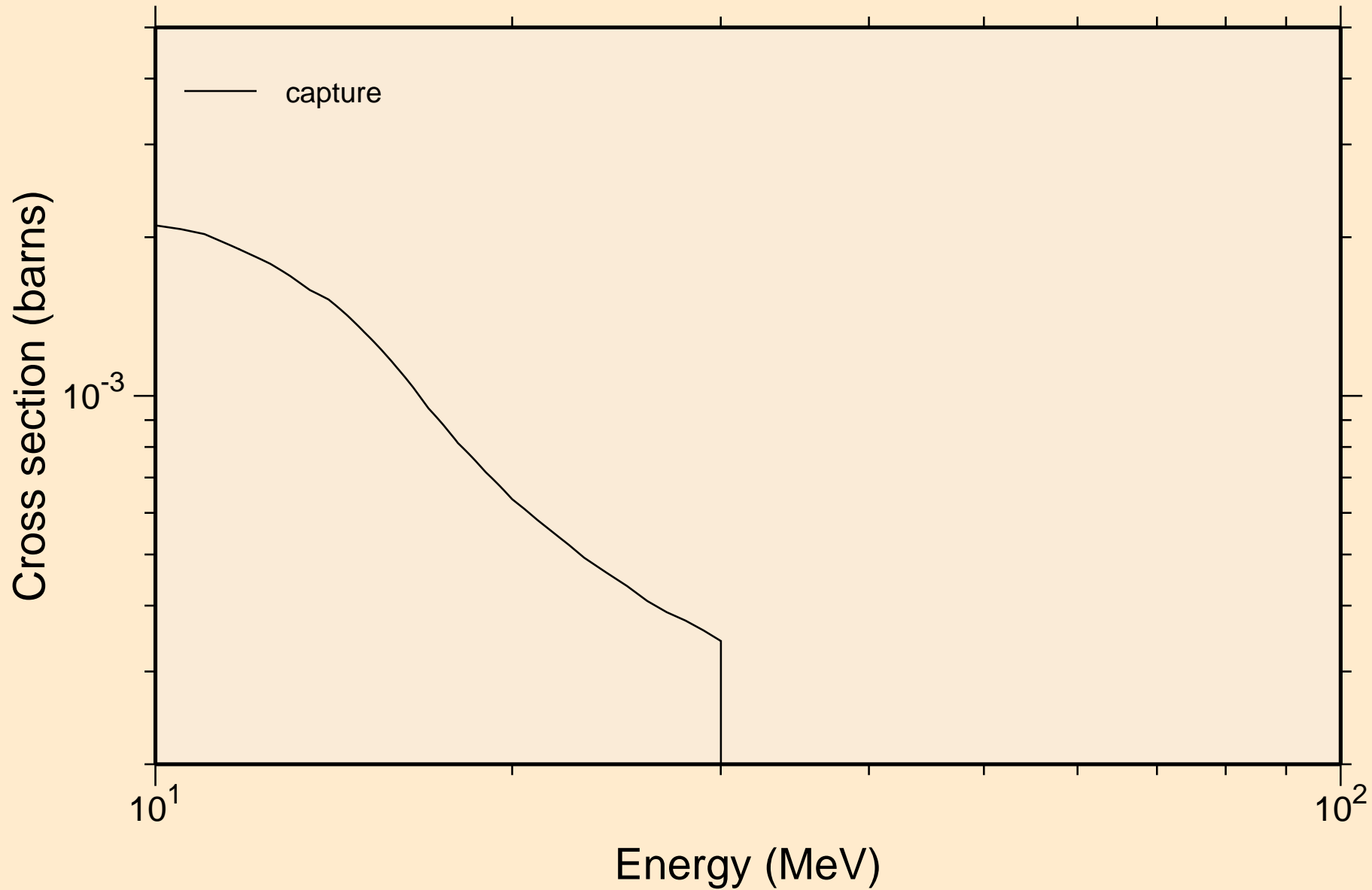
# HO164 NRG TENDL-2015, AKONING resonance absorption cross sections



HO164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



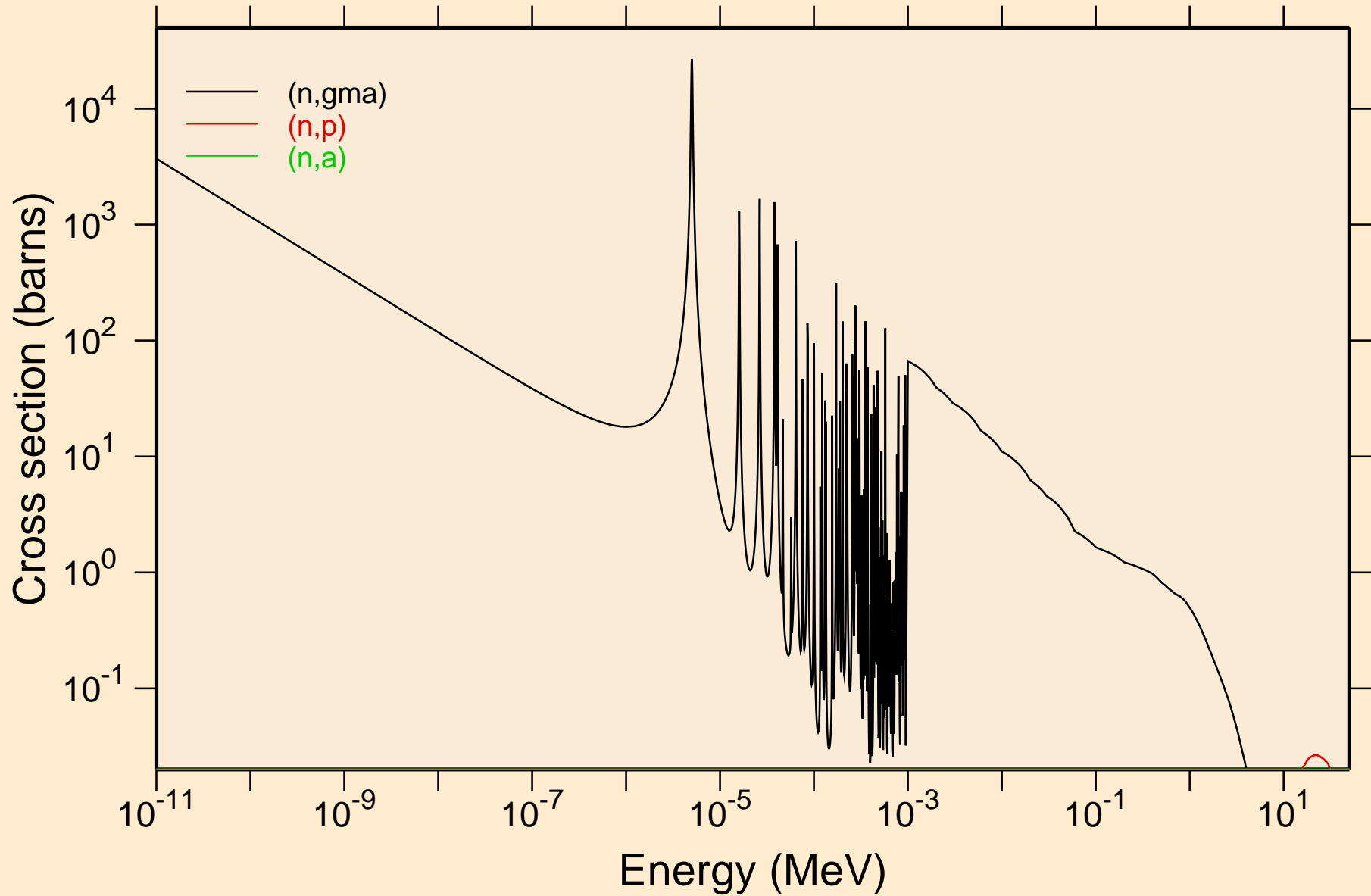
HO164 NRG TENDL-2015, AKONING  
resonance absorption cross sections





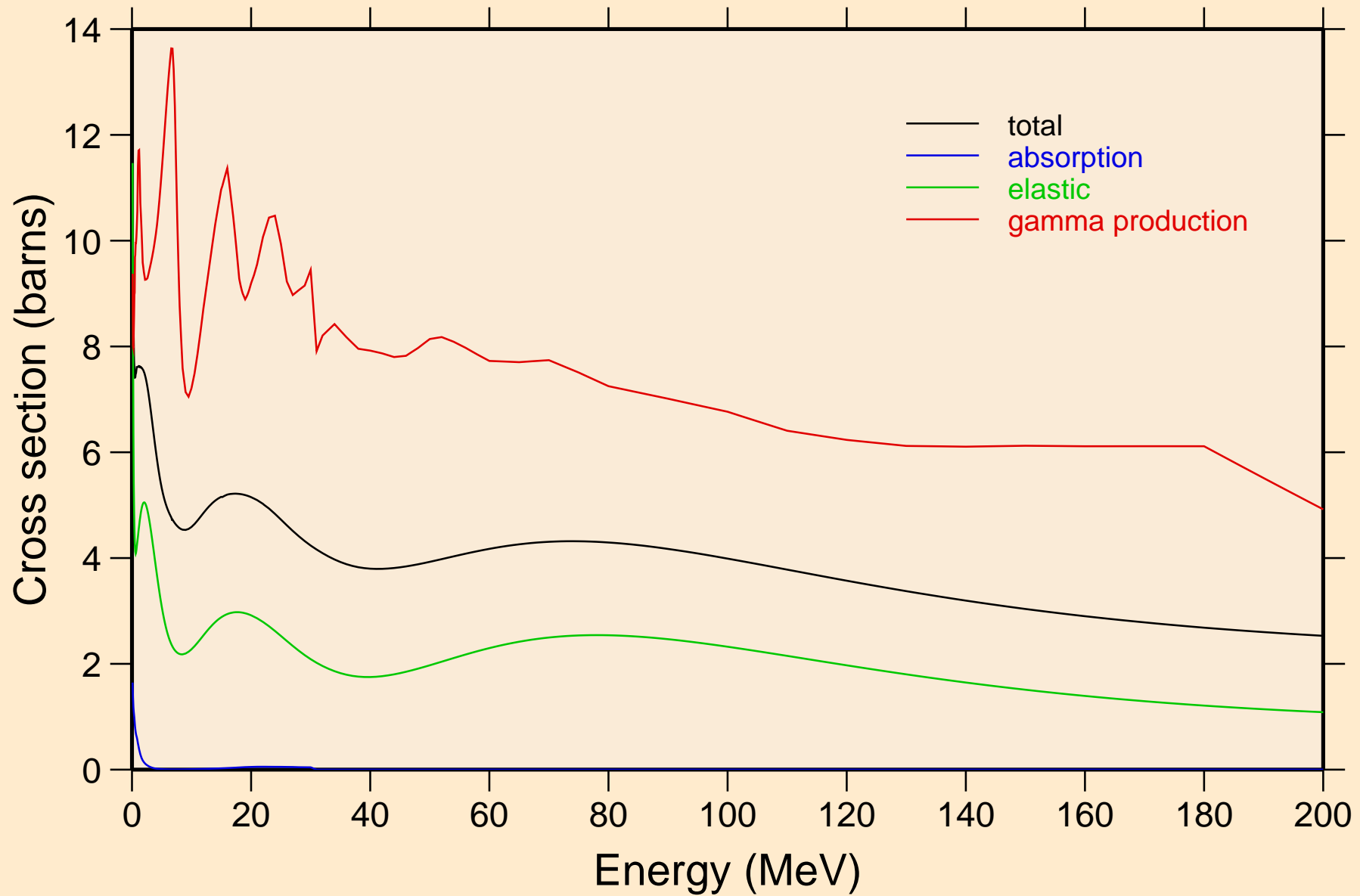
# HO164 NRG TENDL-2015, AKONING

## Non-threshold reactions



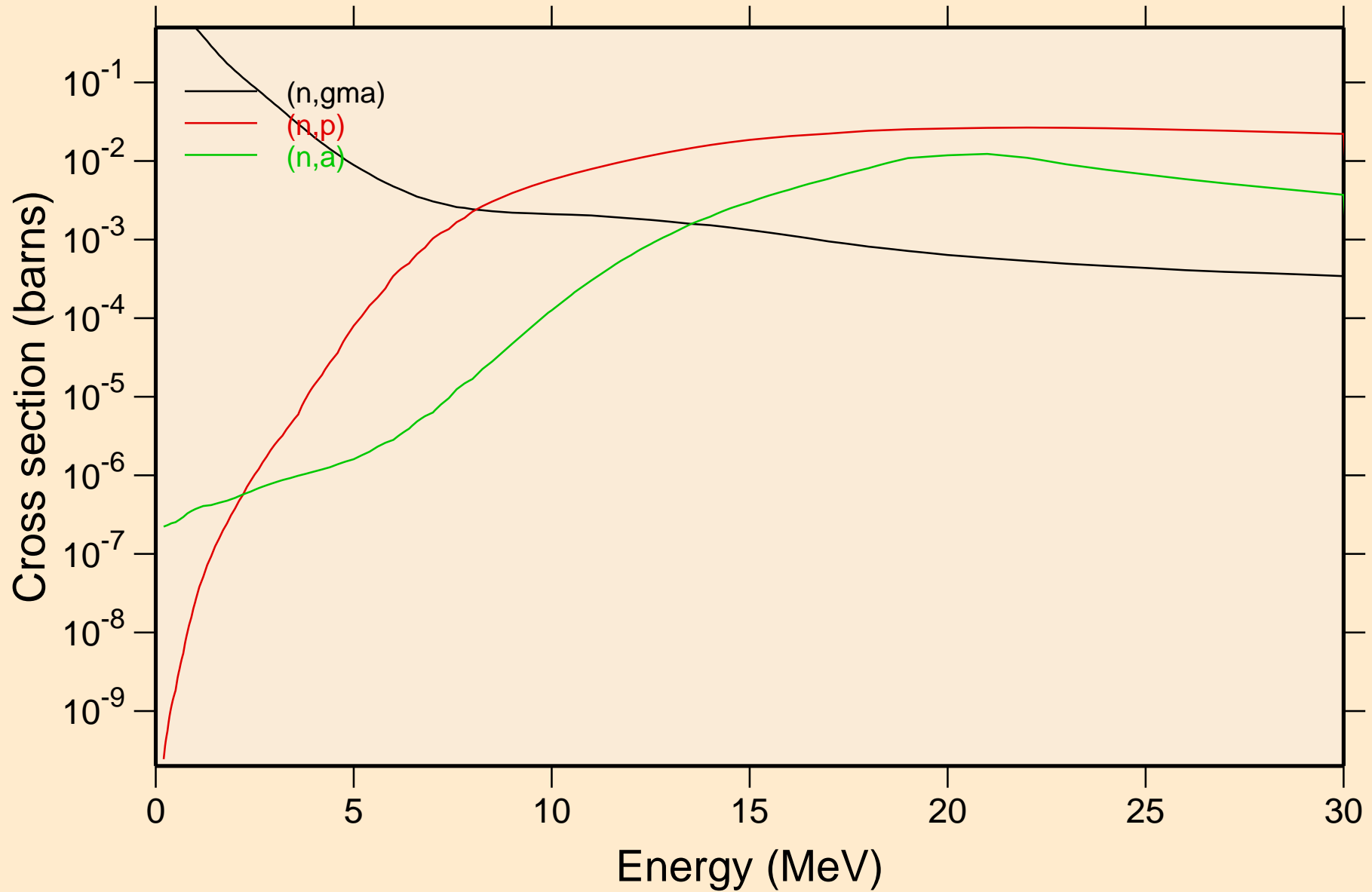
# HO164 NRG TENDL-2015, AKONING

## Principal cross sections



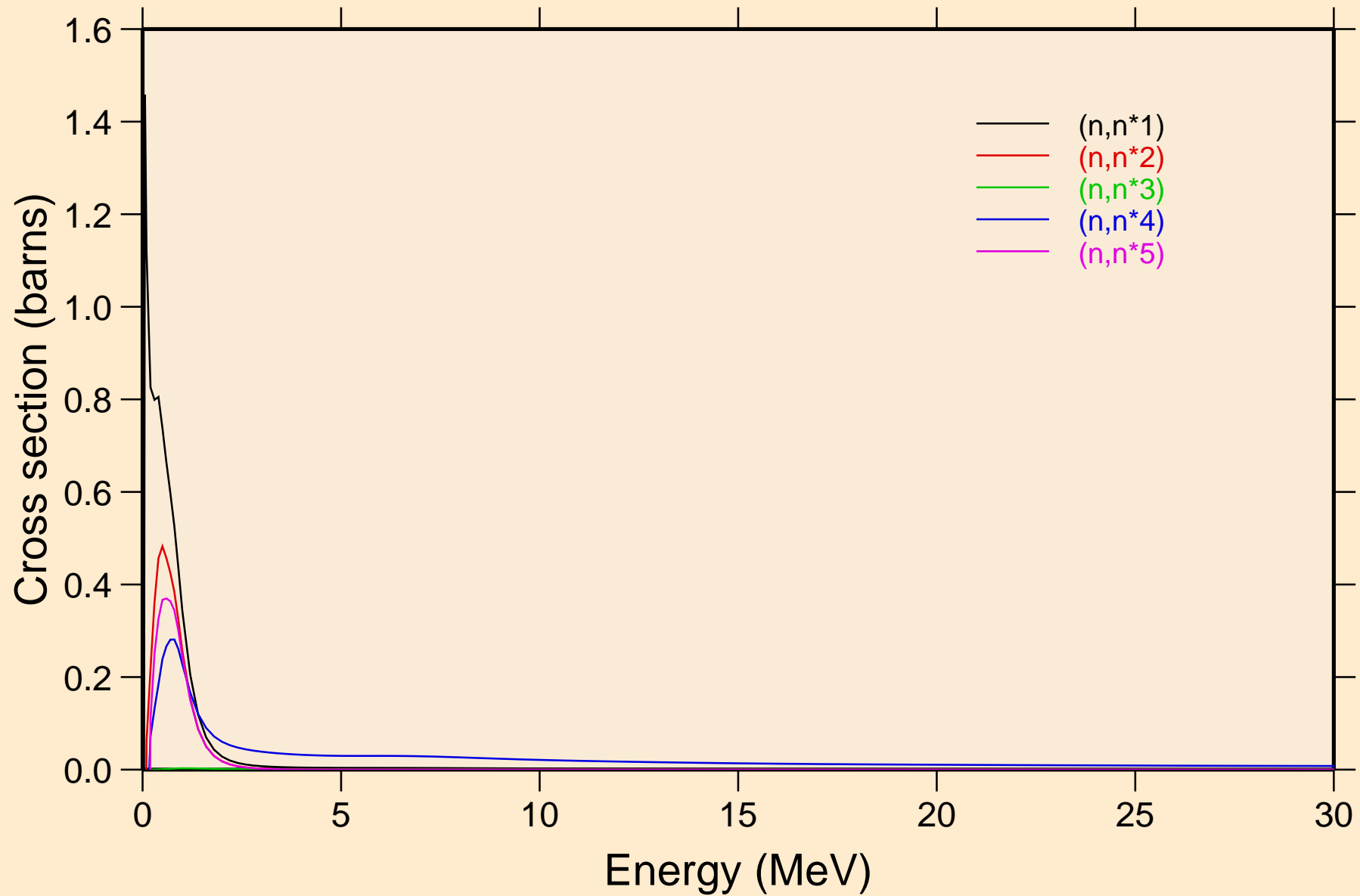
# HO164 NRG TENDL-2015, AKONING

## Non-threshold reactions



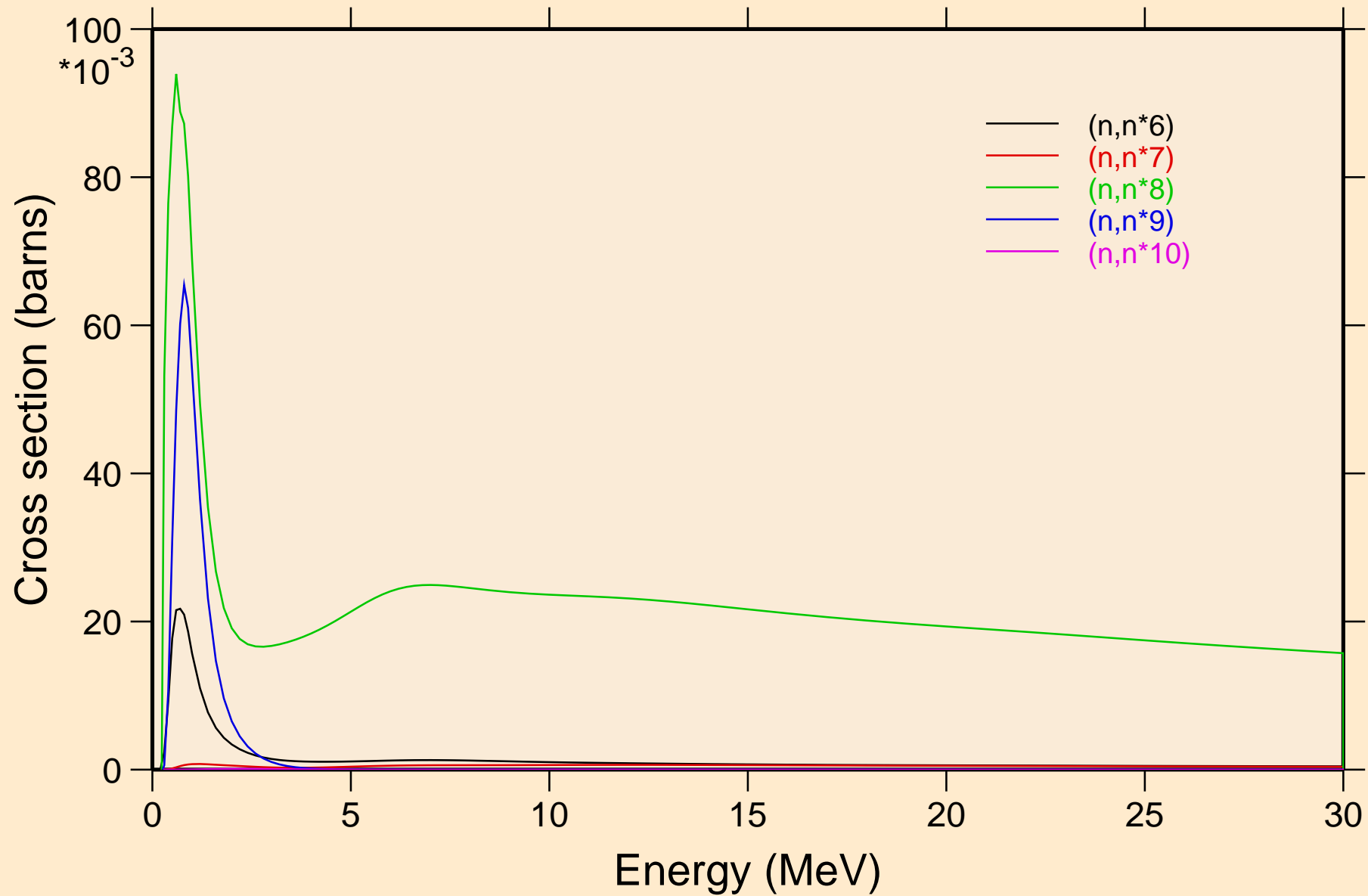
# HO164 NRG TENDL-2015, AKONING

## Inelastic levels



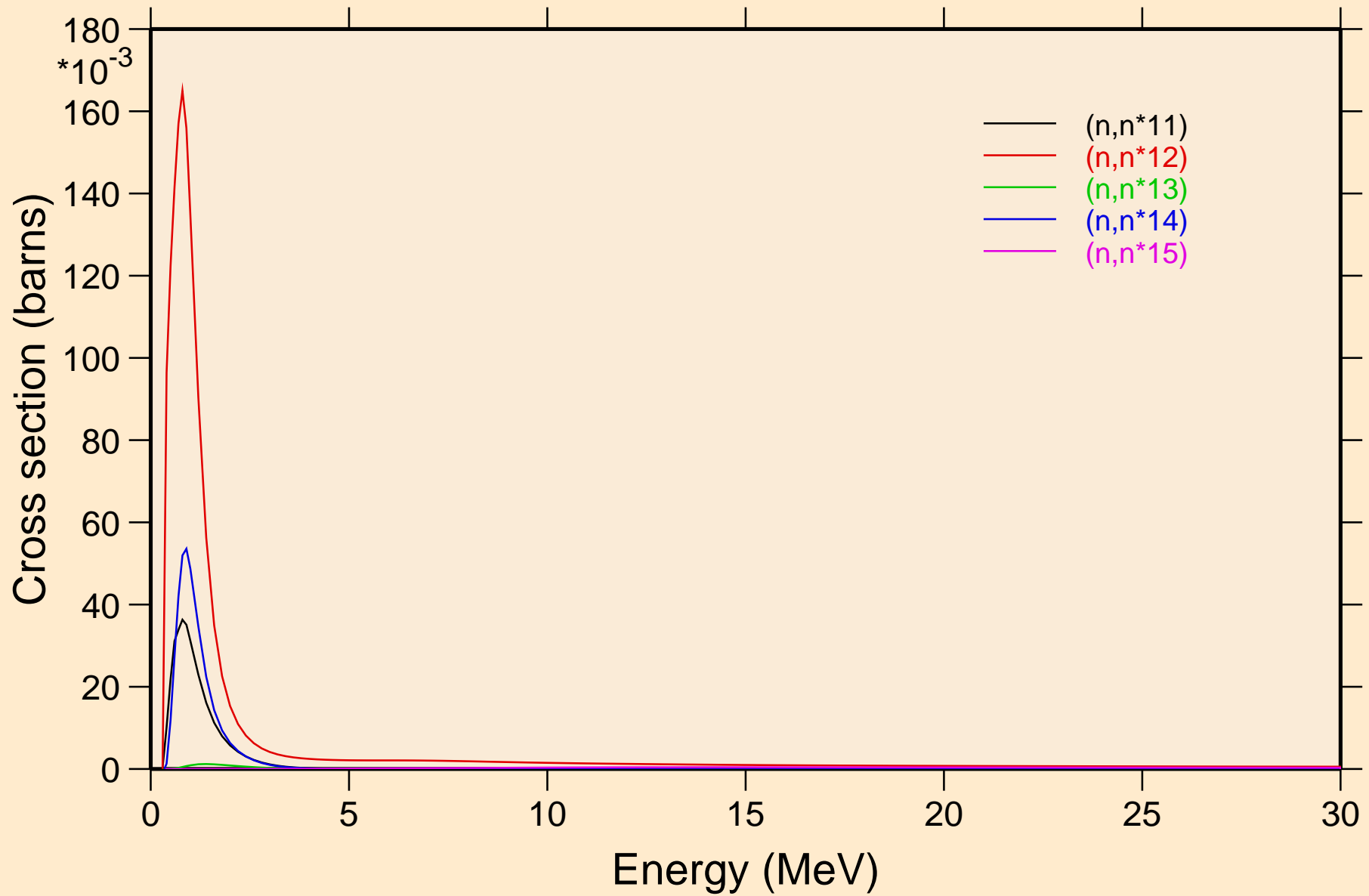
# HO164 NRG TENDL-2015, AKONING

## Inelastic levels



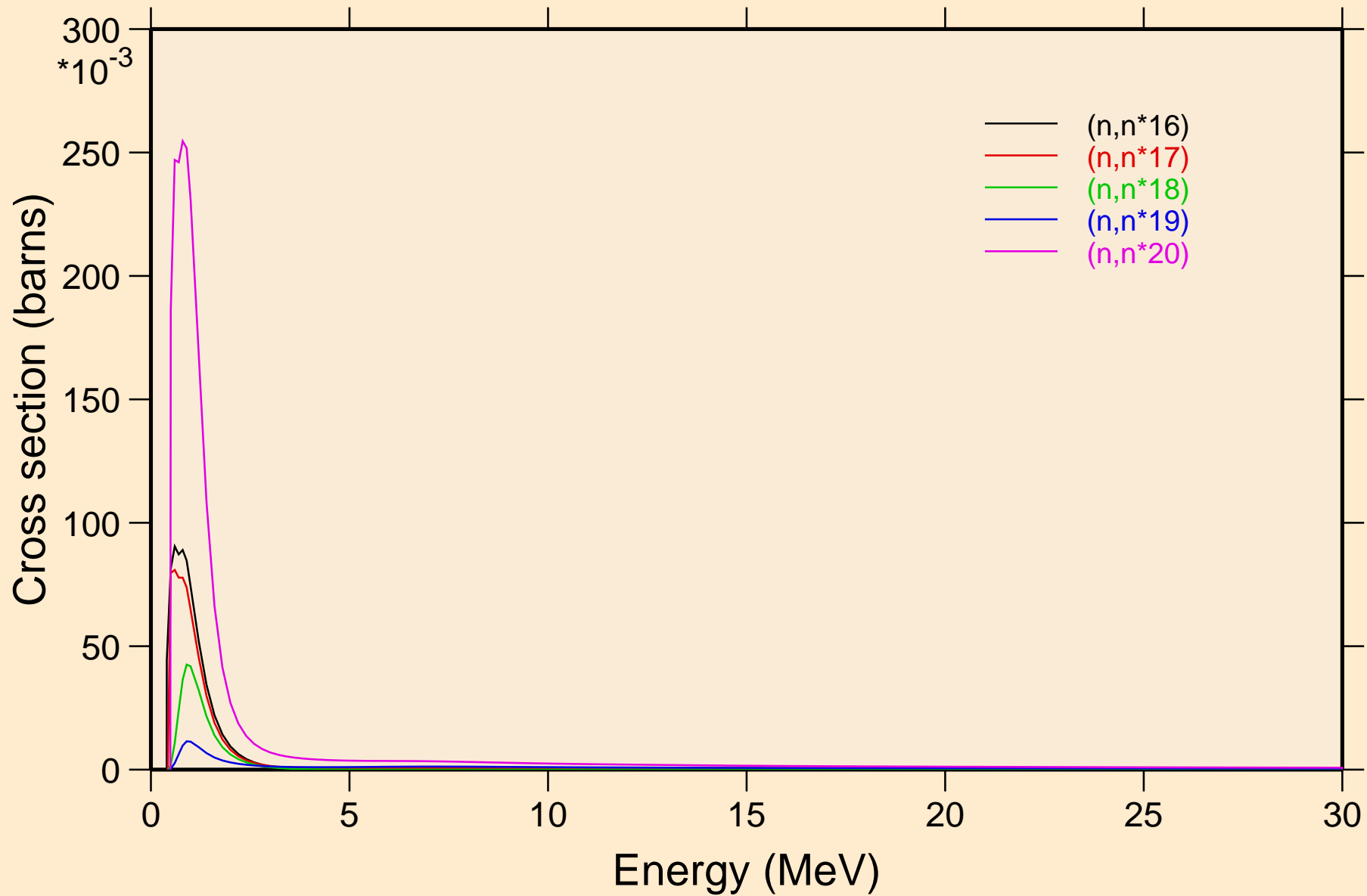
# HO164 NRG TENDL-2015, AKONING

## Inelastic levels



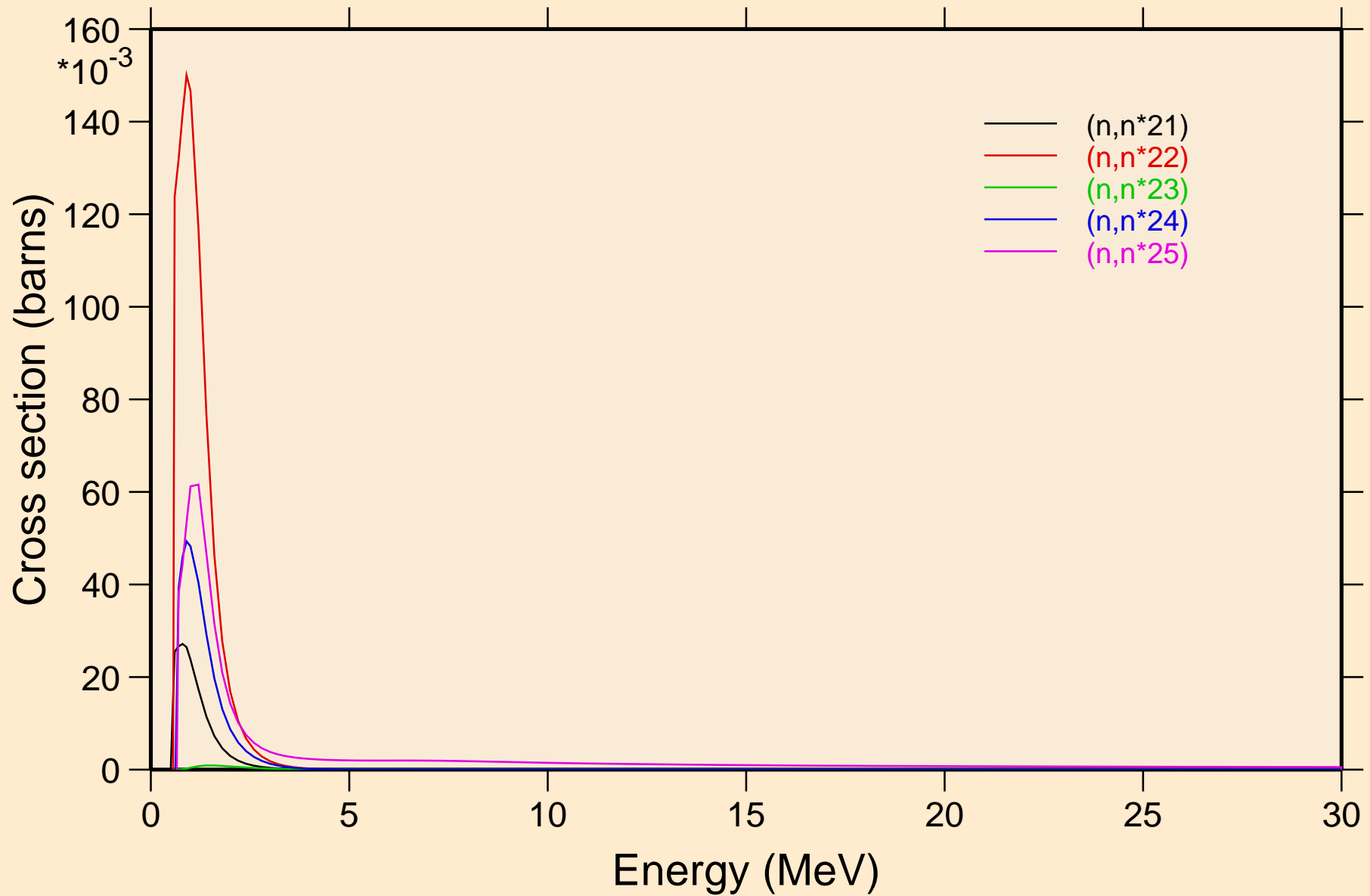
# HO164 NRG TENDL-2015, AKONING

## Inelastic levels



# HO164 NRG TENDL-2015, AKONING

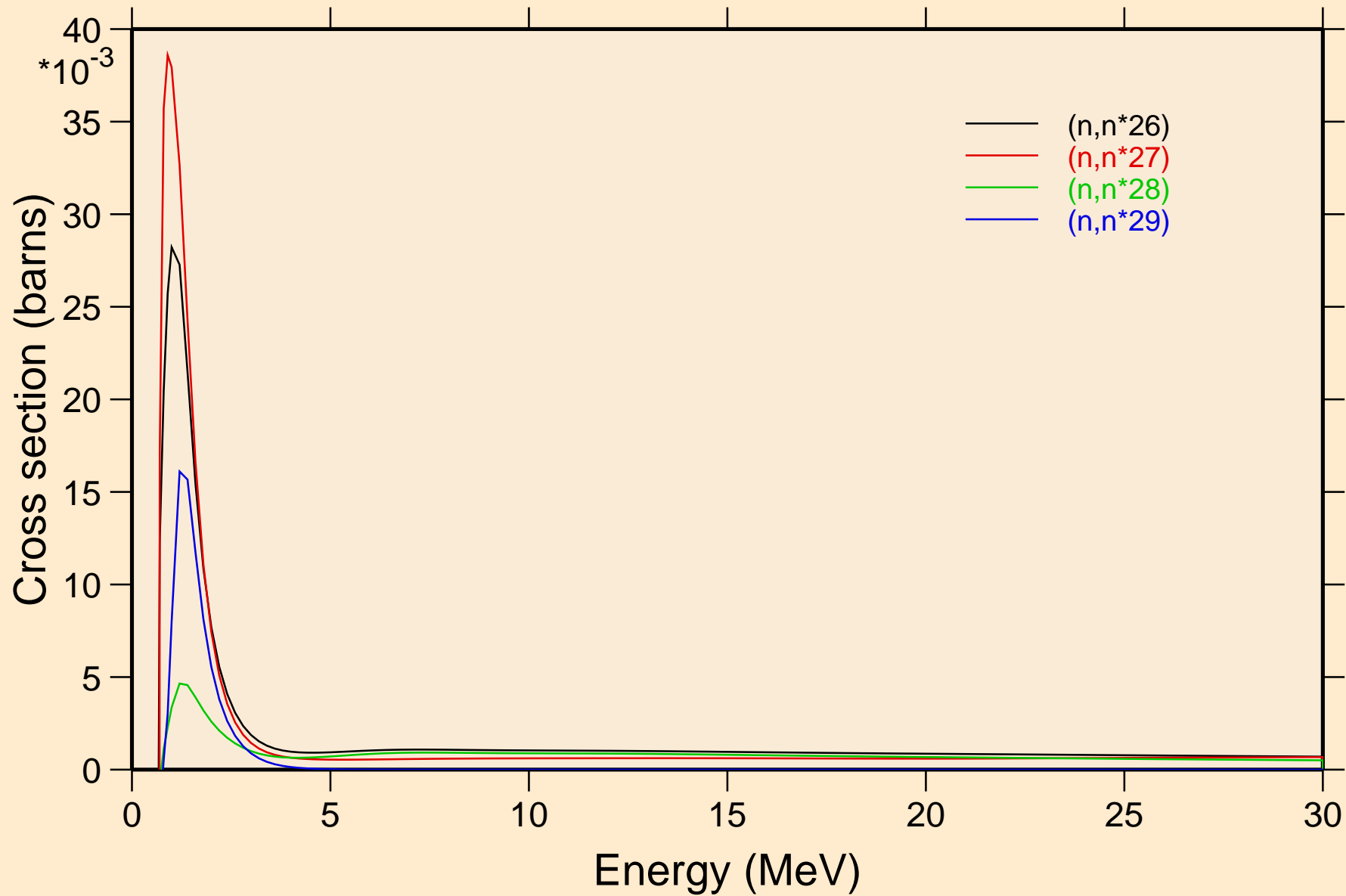
## Inelastic levels





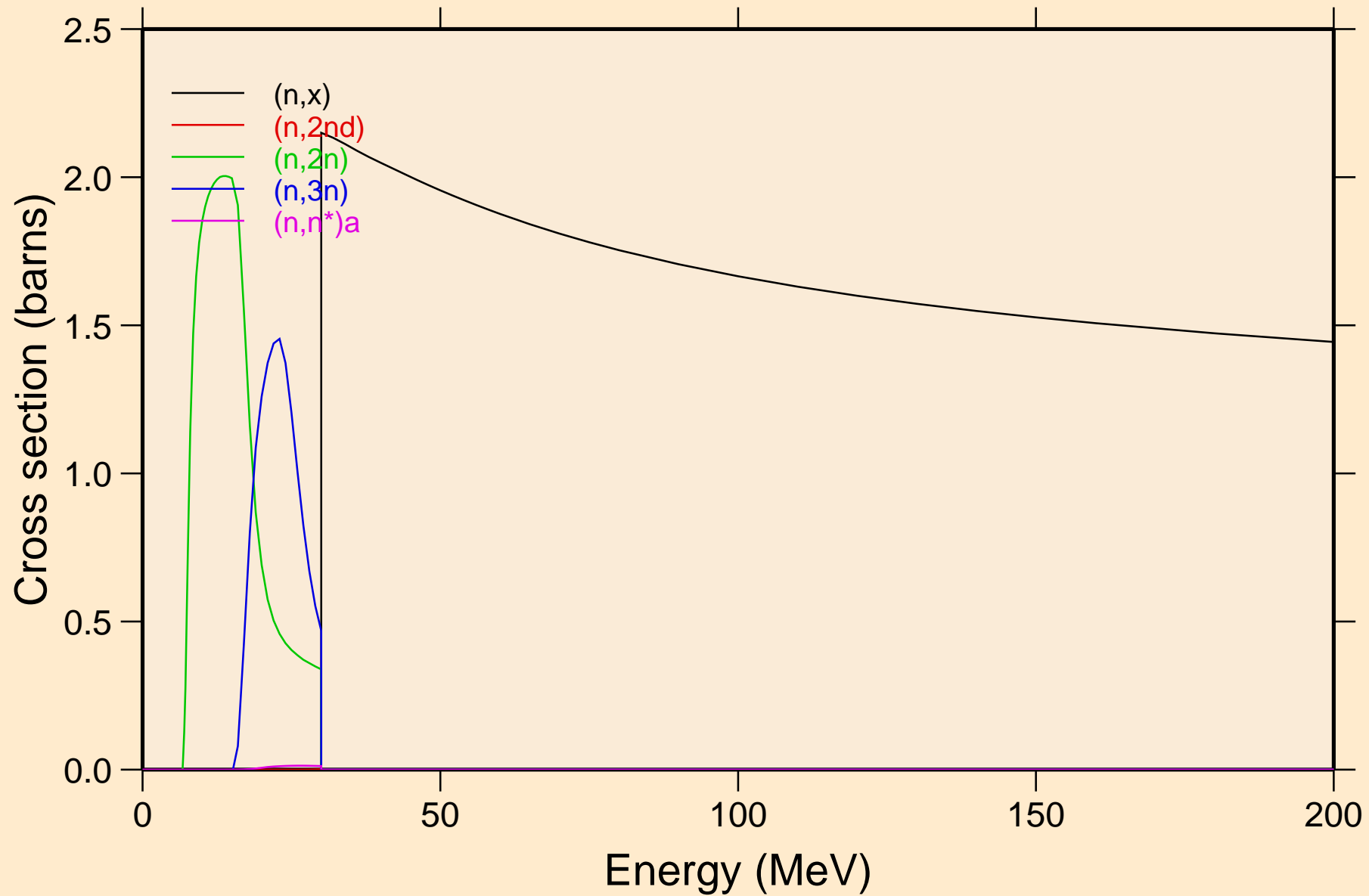
# HO164 NRG TENDL-2015, AKONING

## Inelastic levels



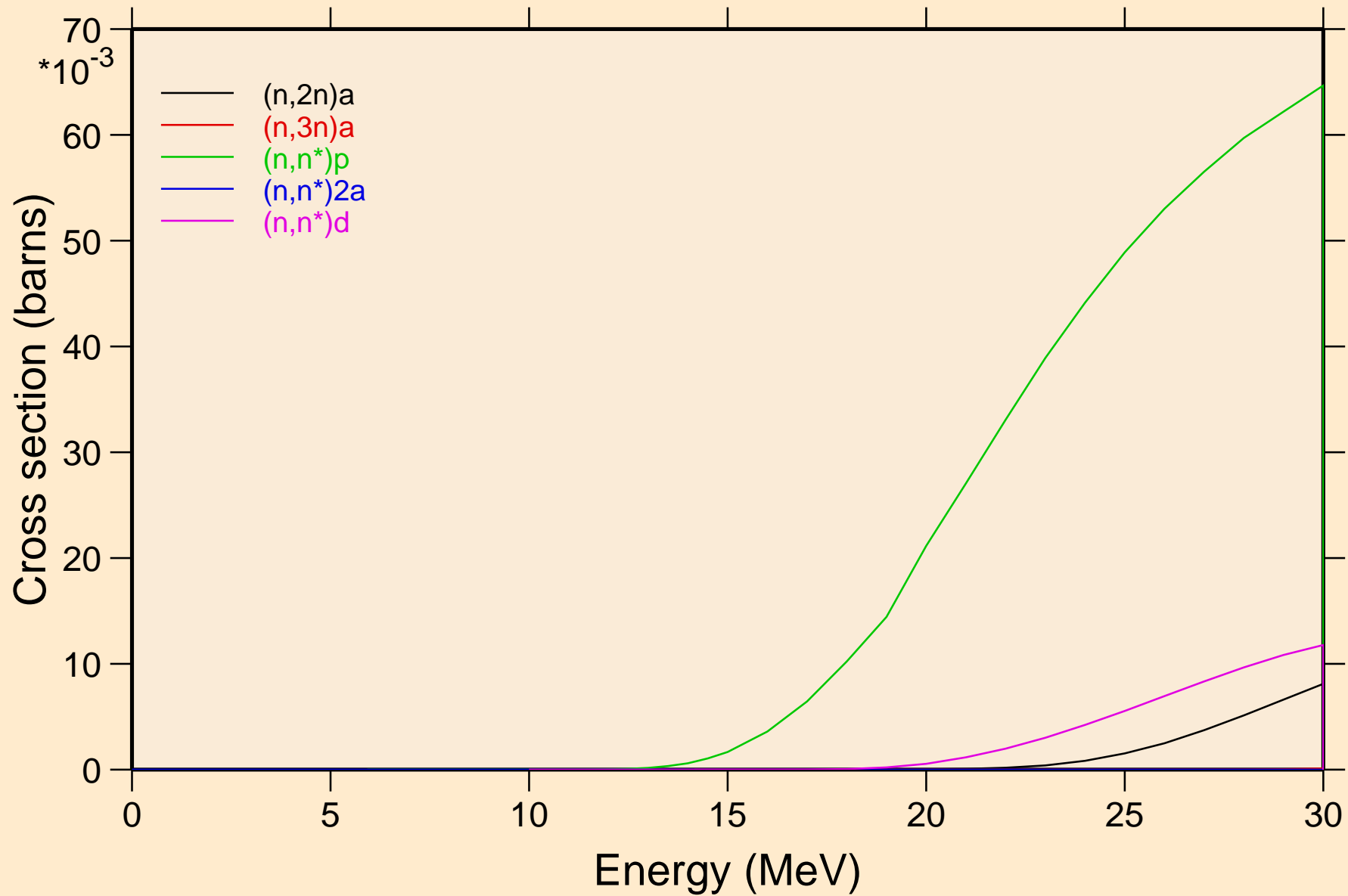
# HO164 NRG TENDL-2015, AKONING

## Threshold reactions



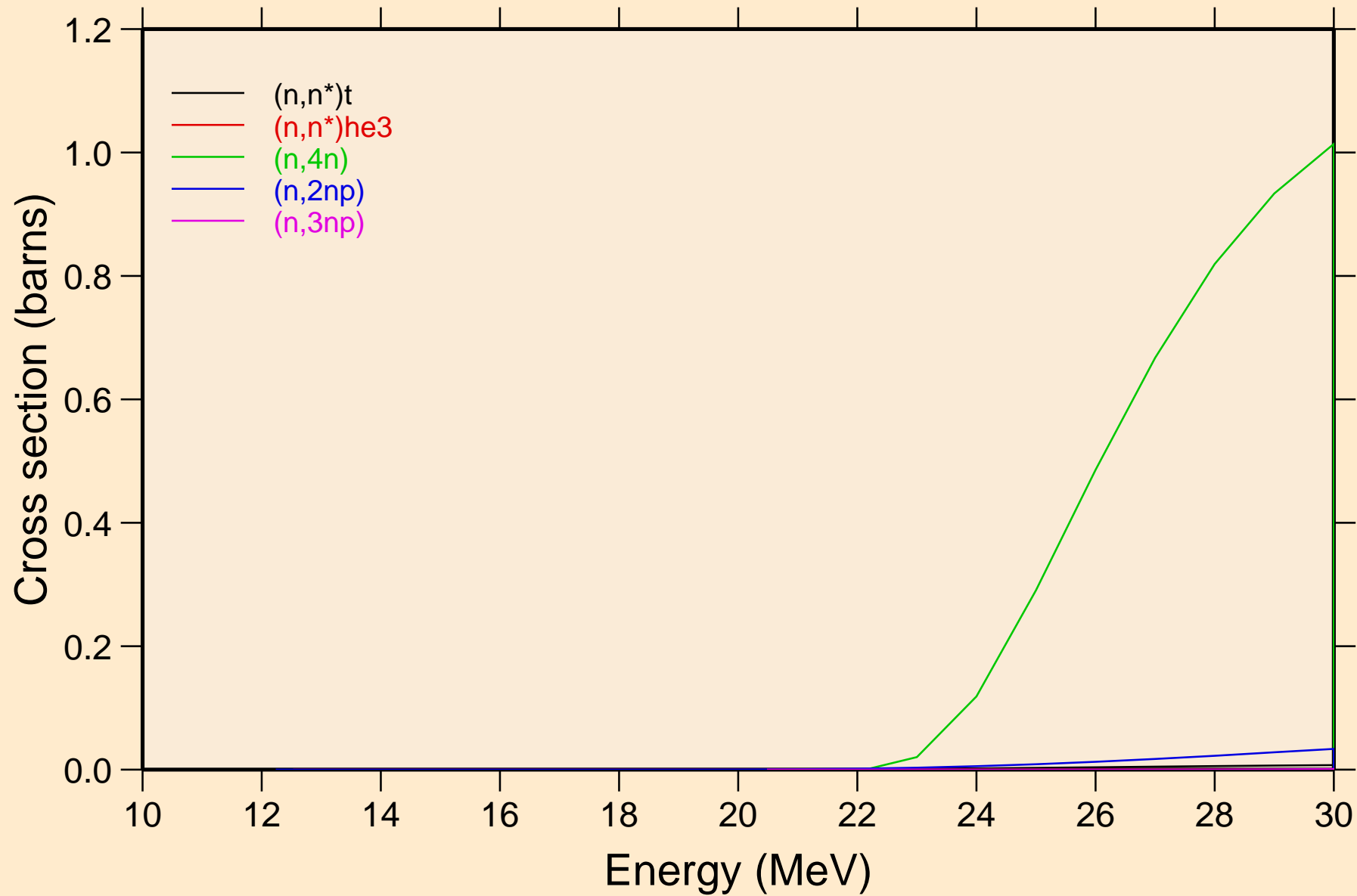
# HO164 NRG TENDL-2015, AKONING

## Threshold reactions



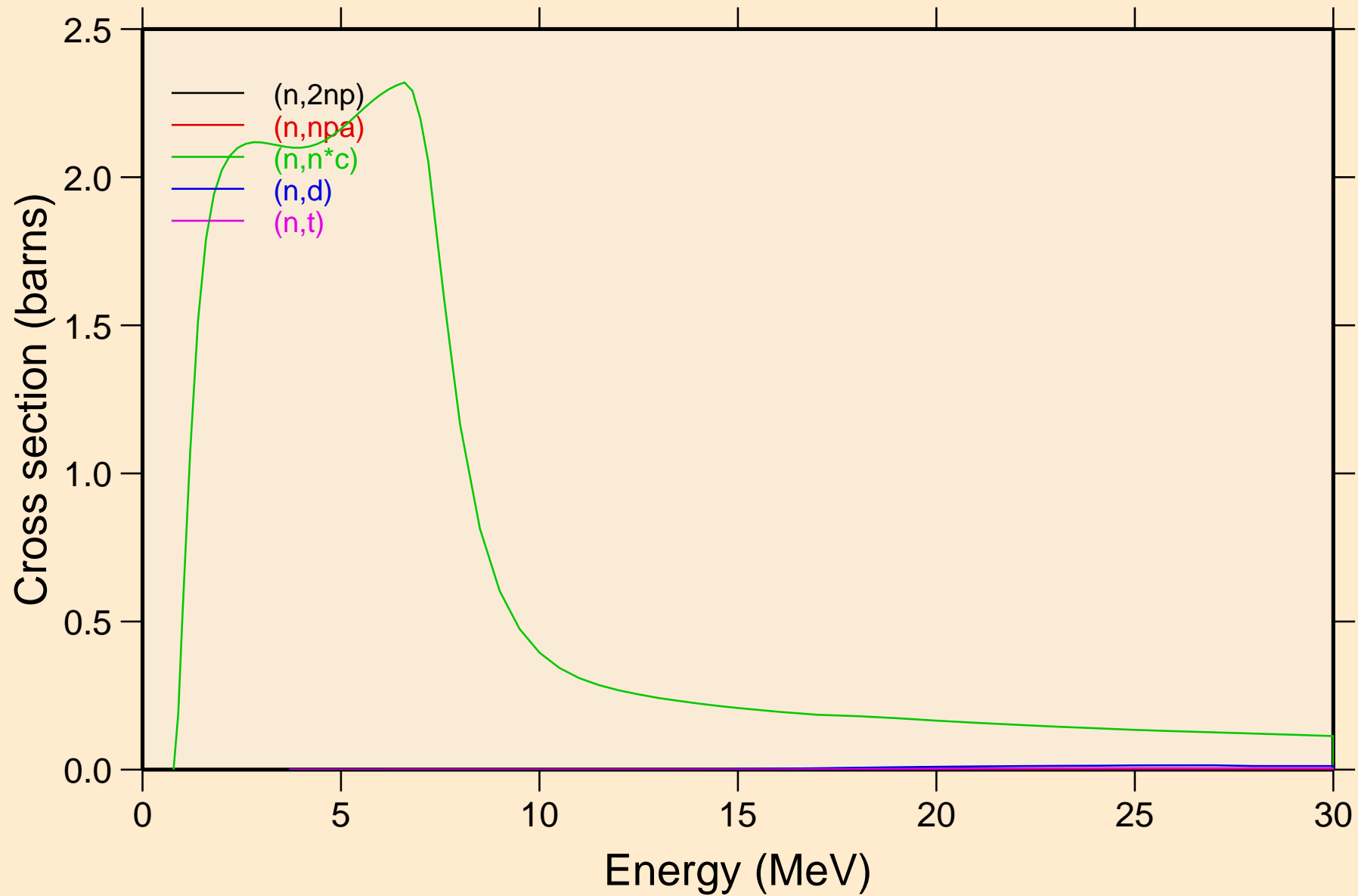
# HO164 NRG TENDL-2015, AKONING

## Threshold reactions



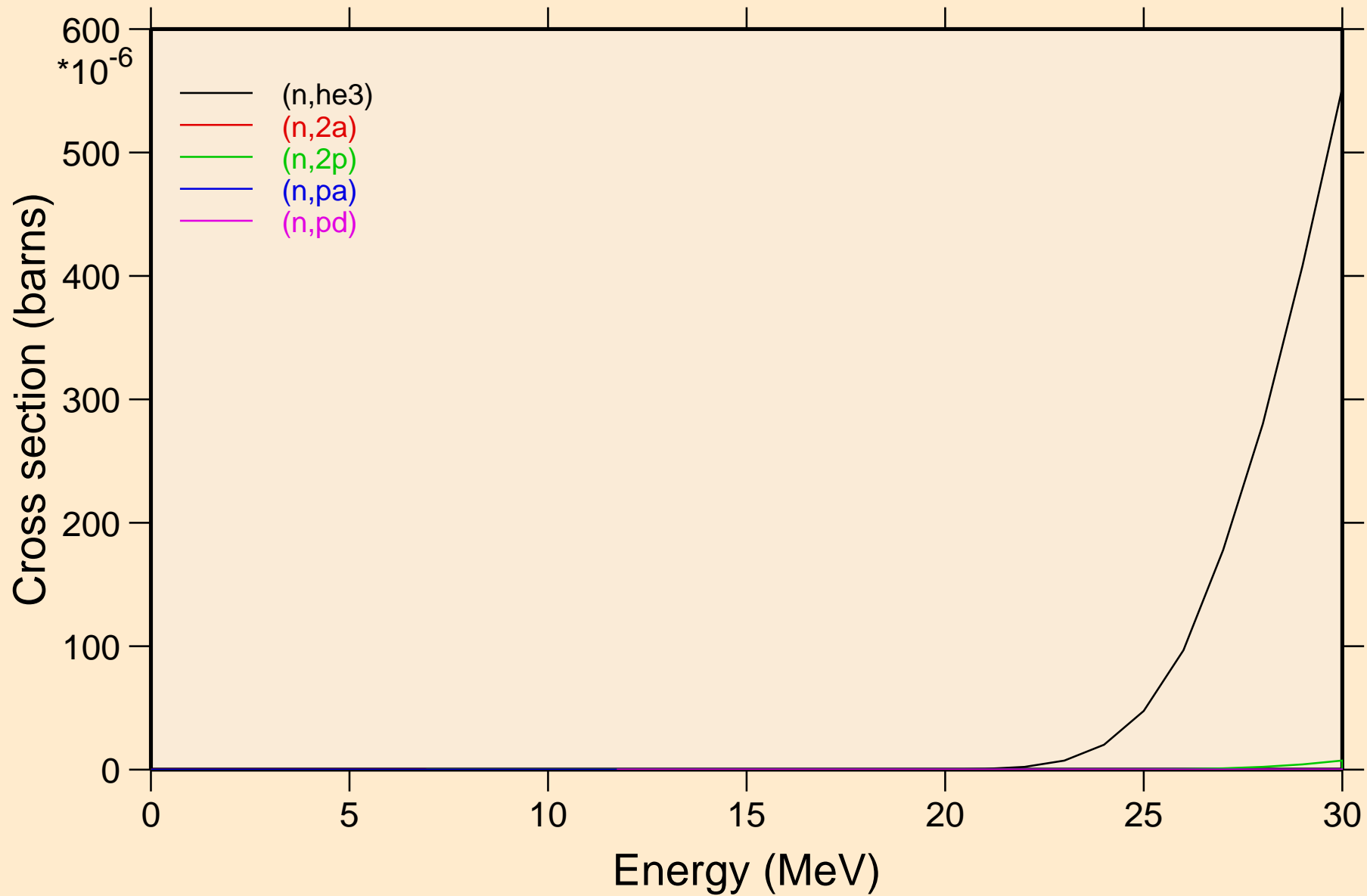
# HO164 NRG TENDL-2015, AKONING

## Threshold reactions



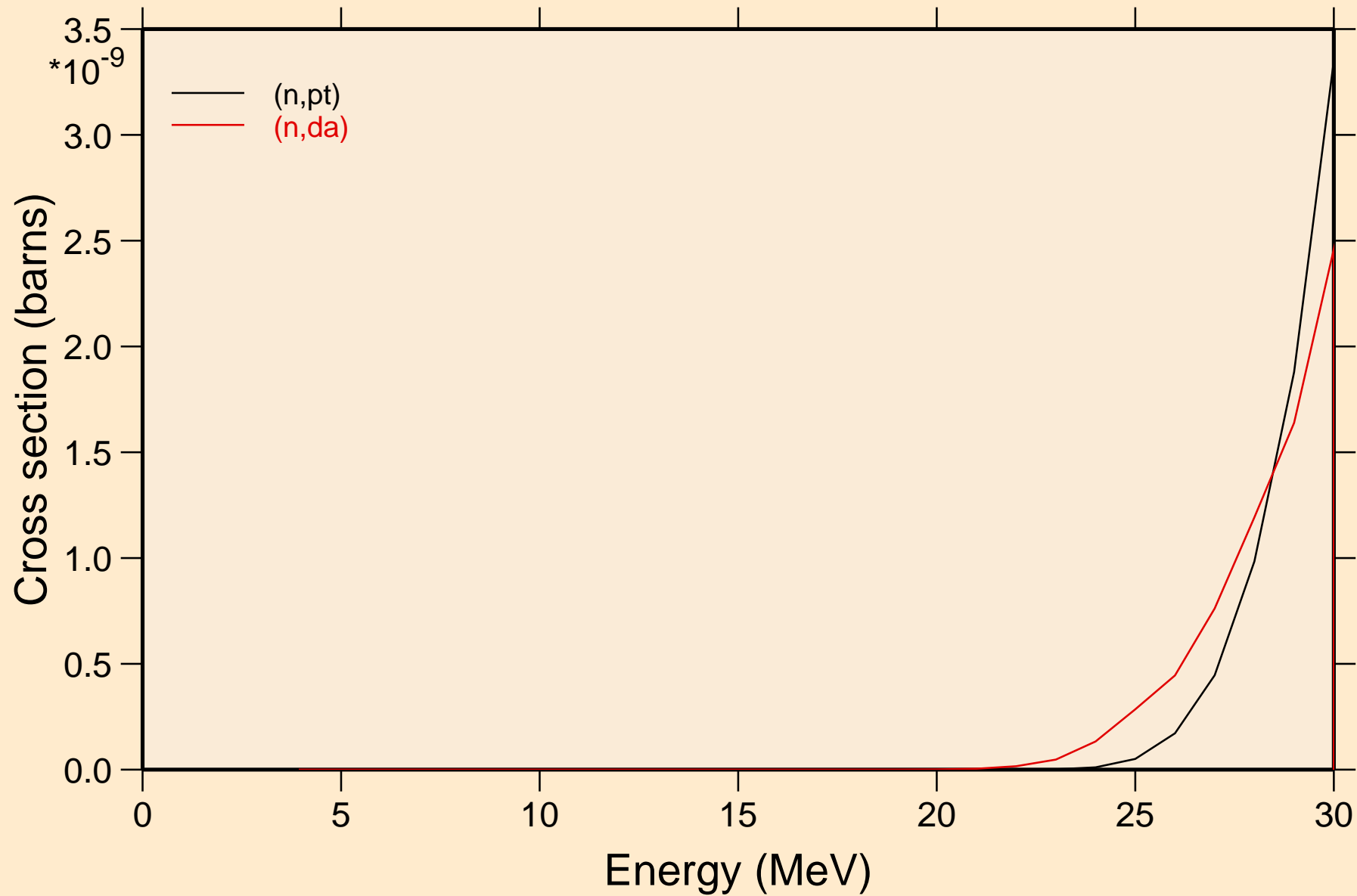
# HO164 NRG TENDL-2015, AKONING

## Threshold reactions

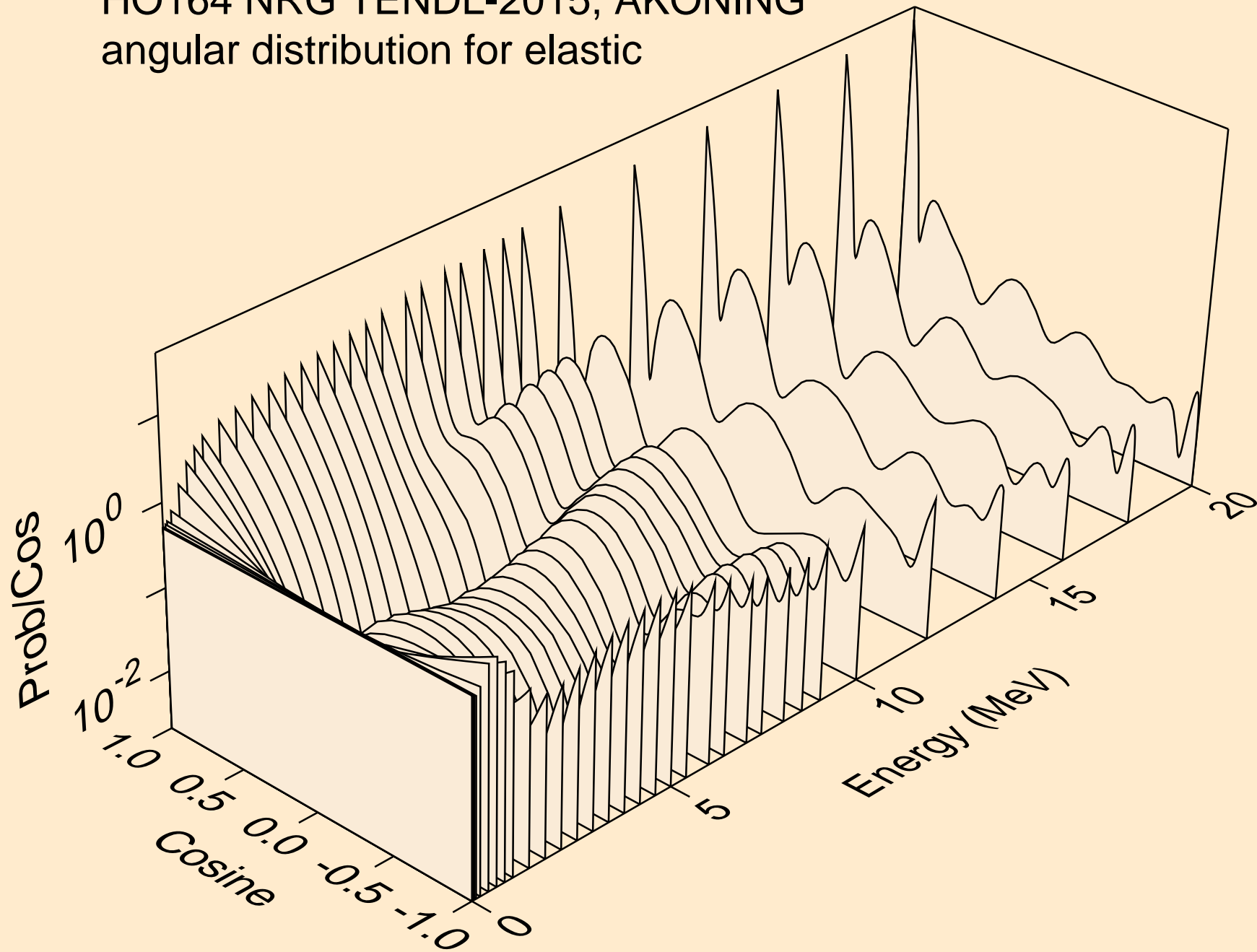


# HO164 NRG TENDL-2015, AKONING

## Threshold reactions

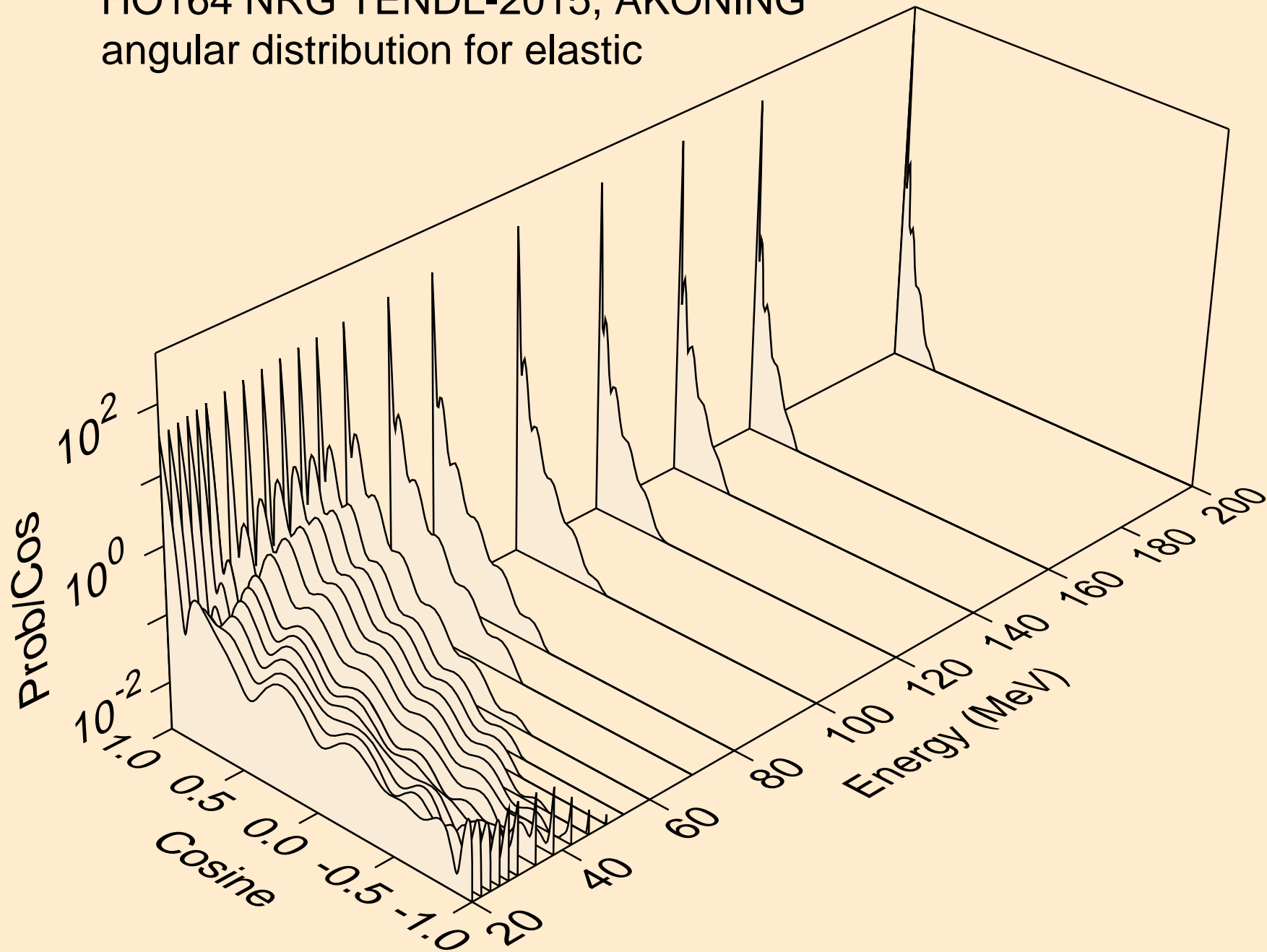


HO164 NRG TENDL-2015, AKONING  
angular distribution for elastic

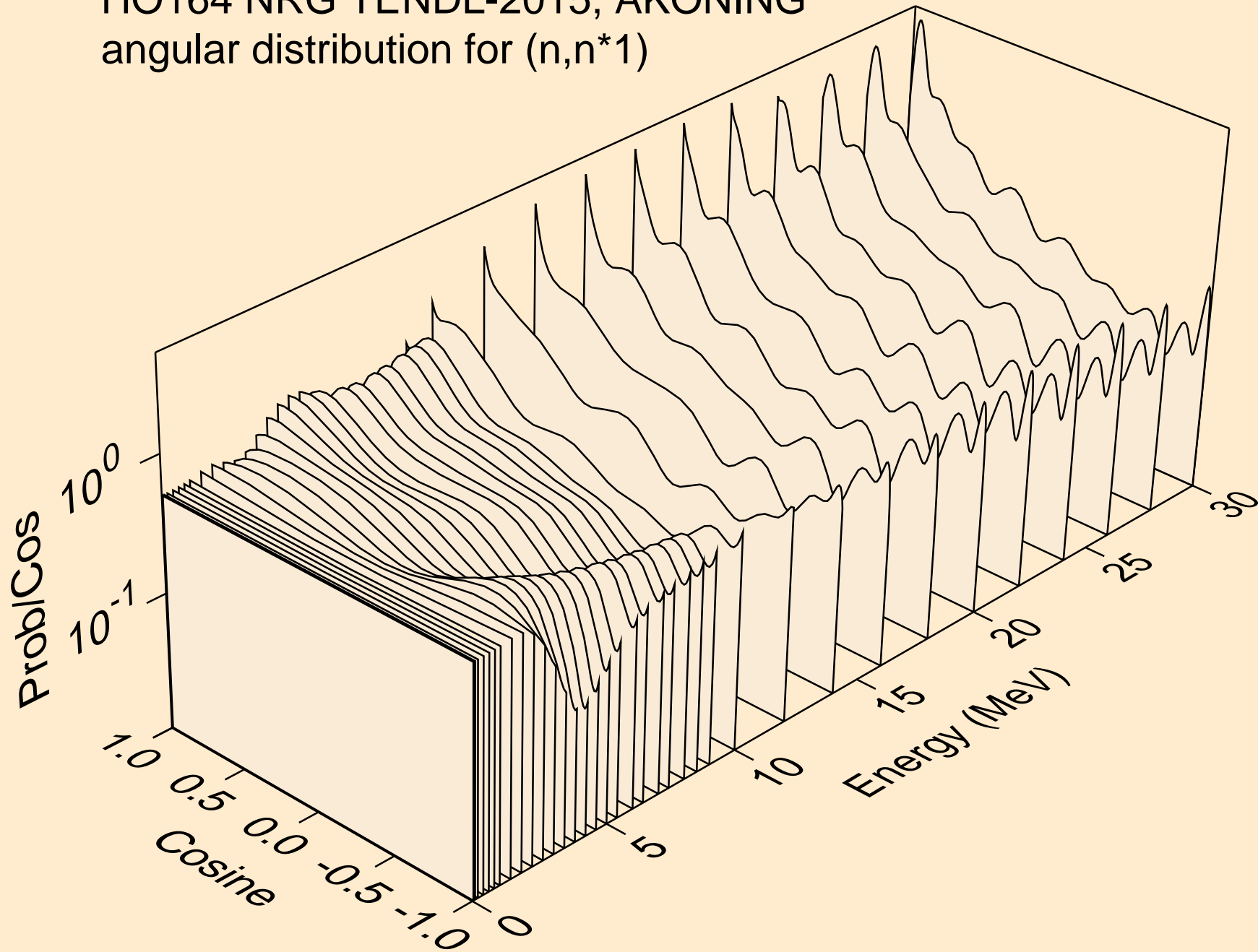




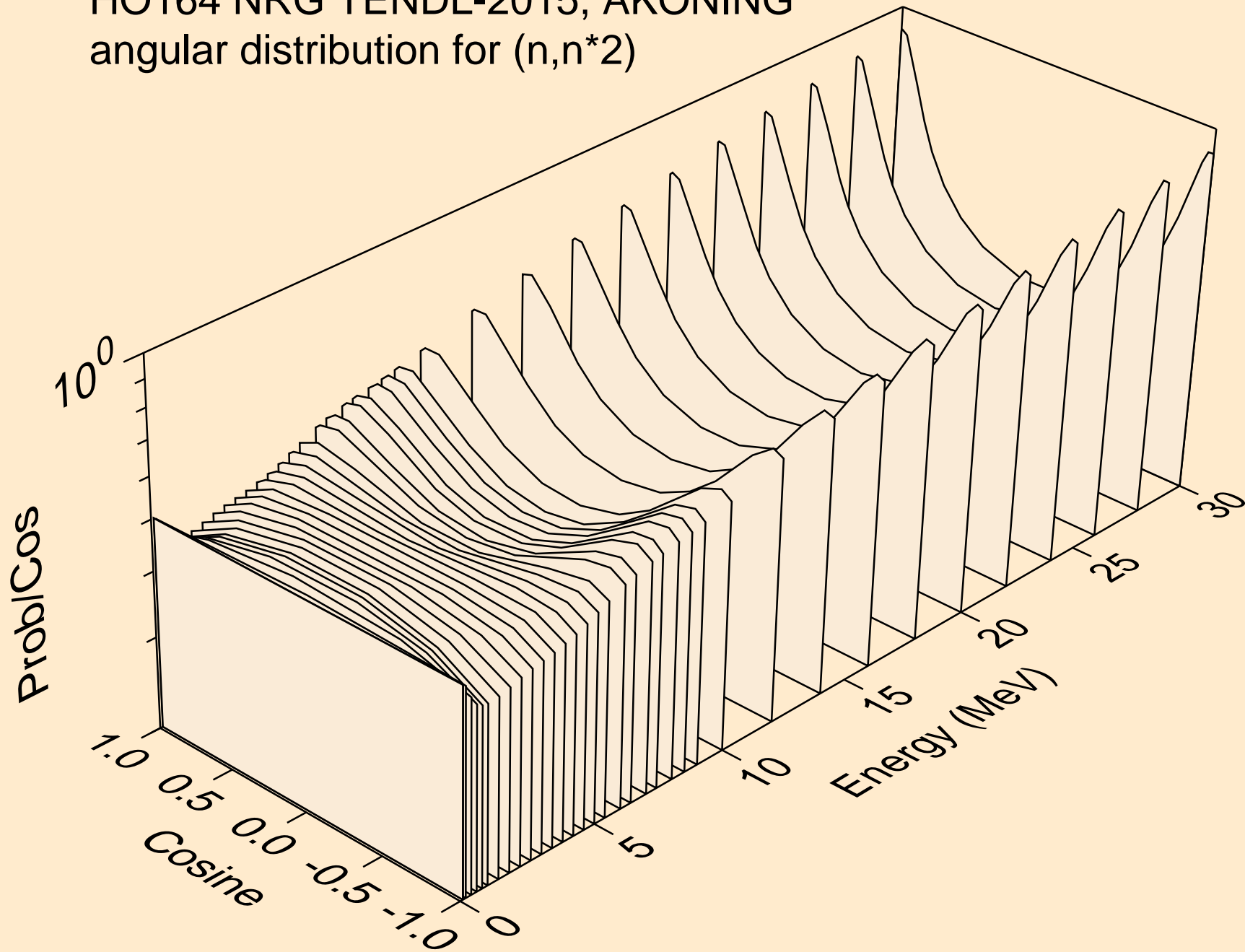
HO164 NRG TENDL-2015, AKONING  
angular distribution for elastic



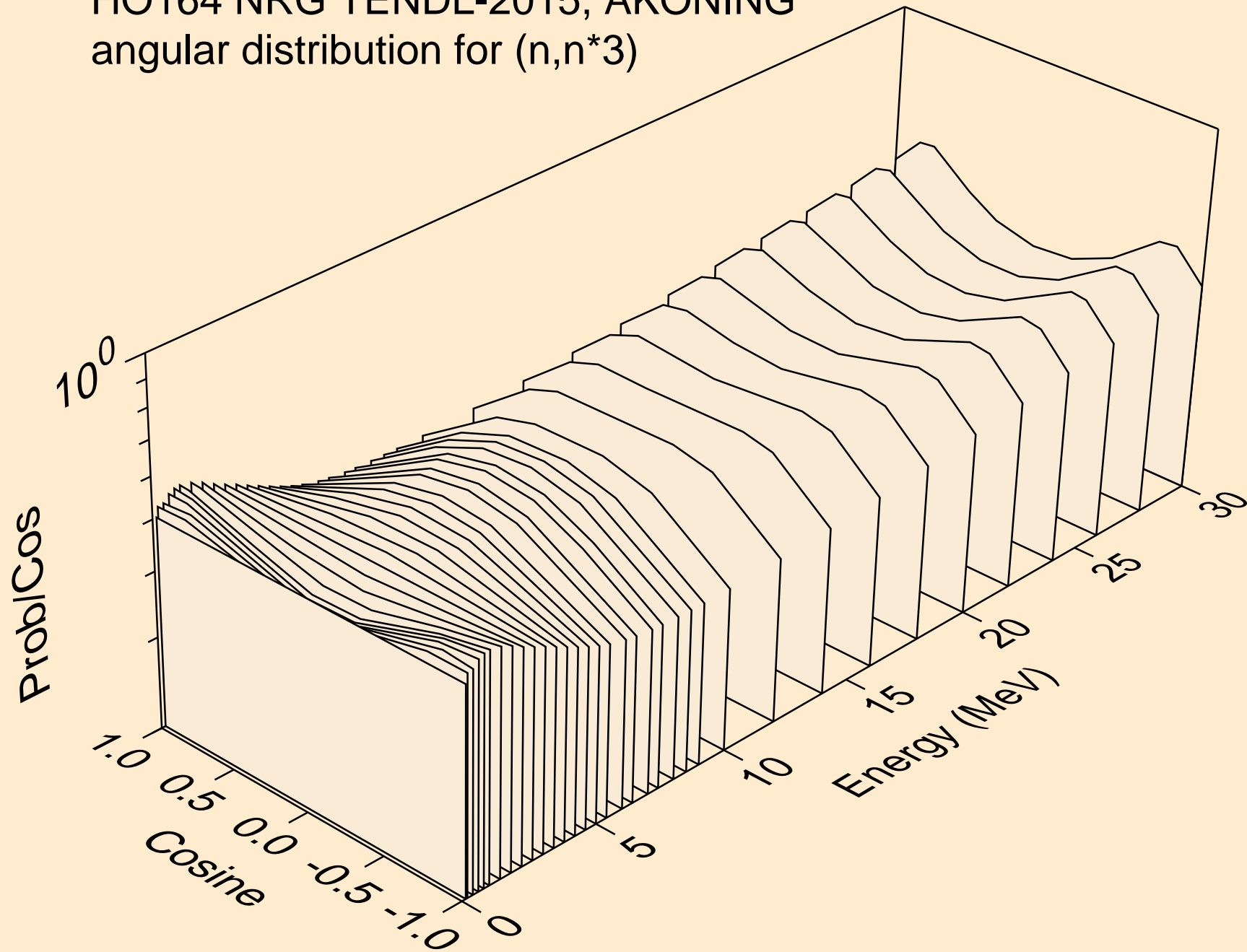
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



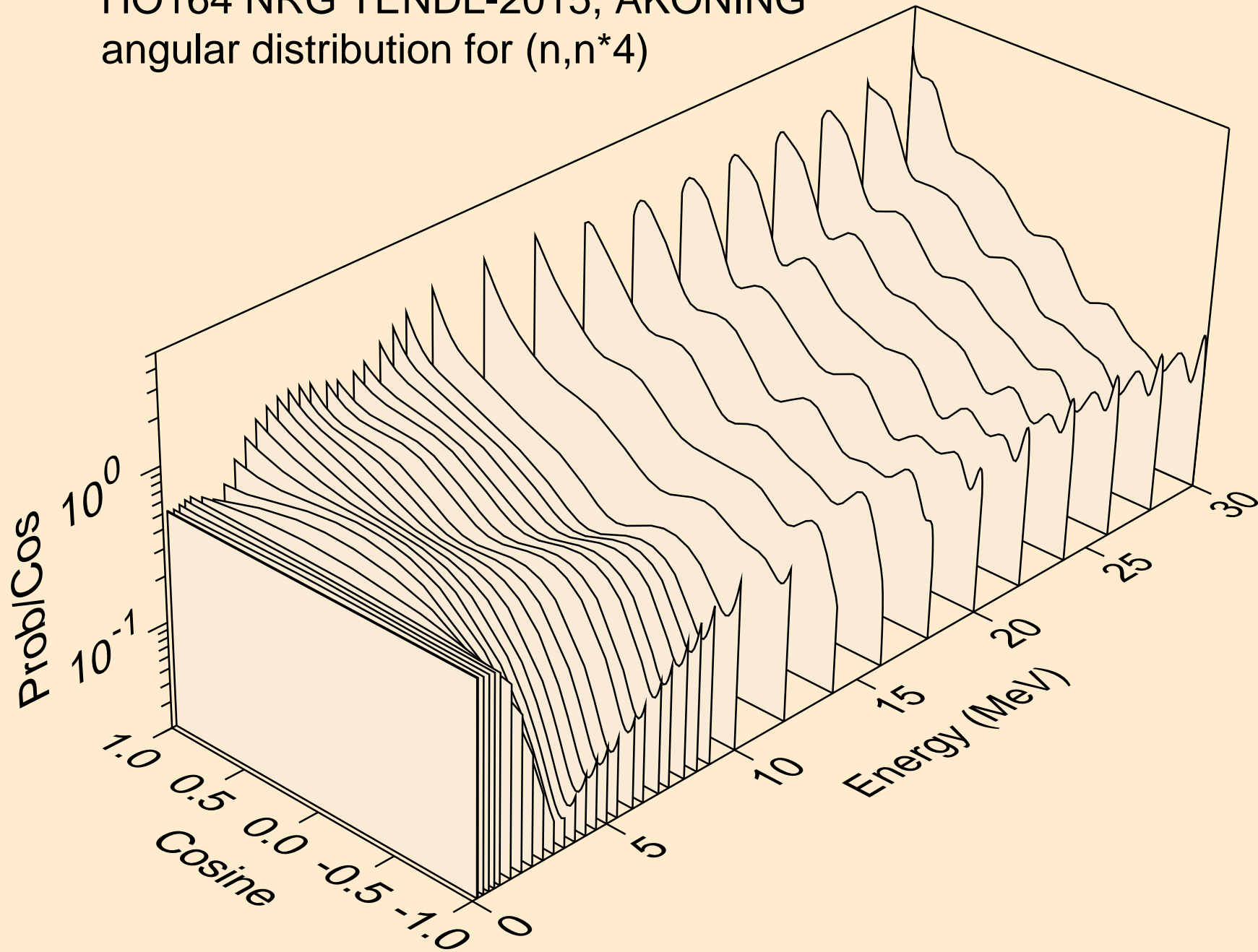
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



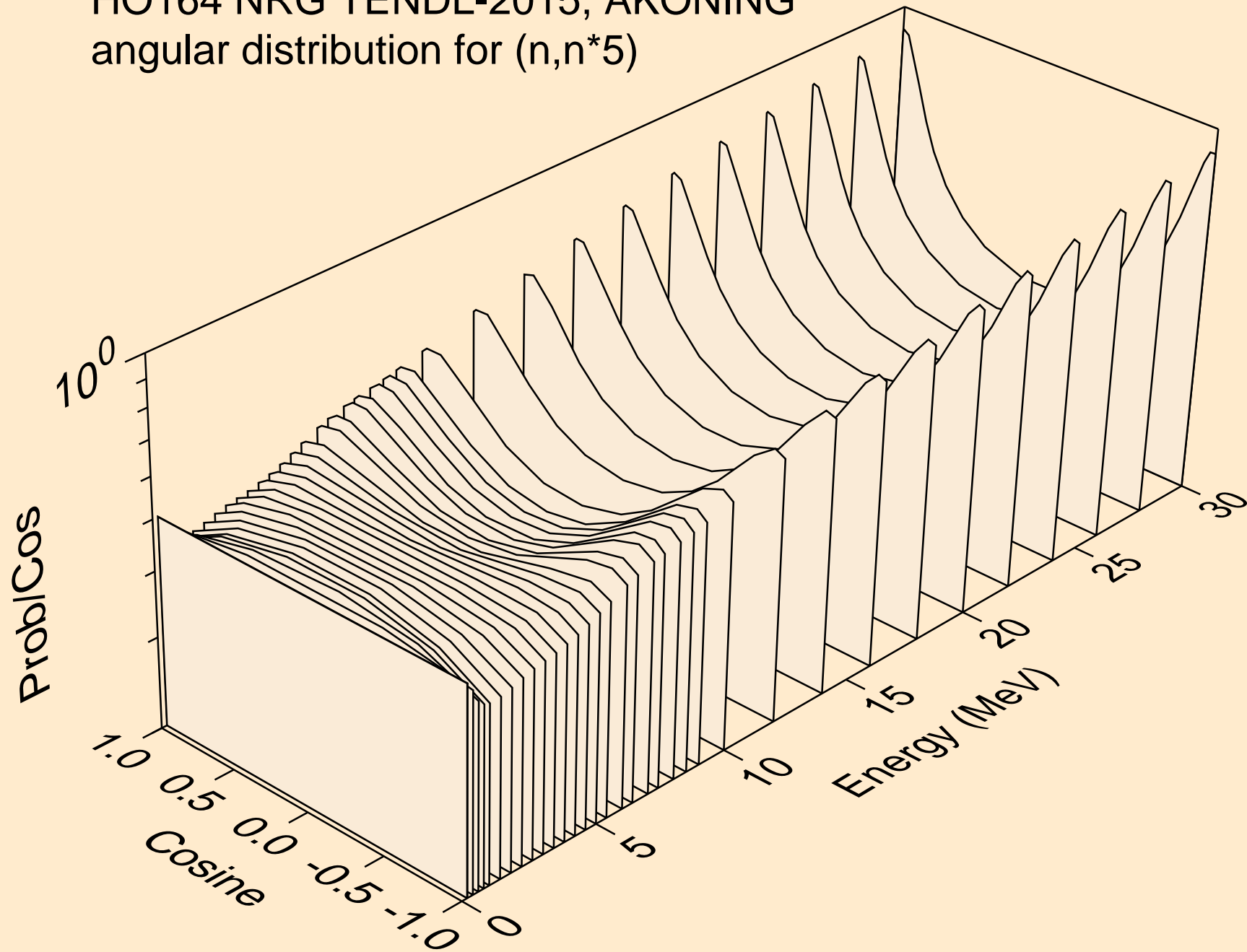
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



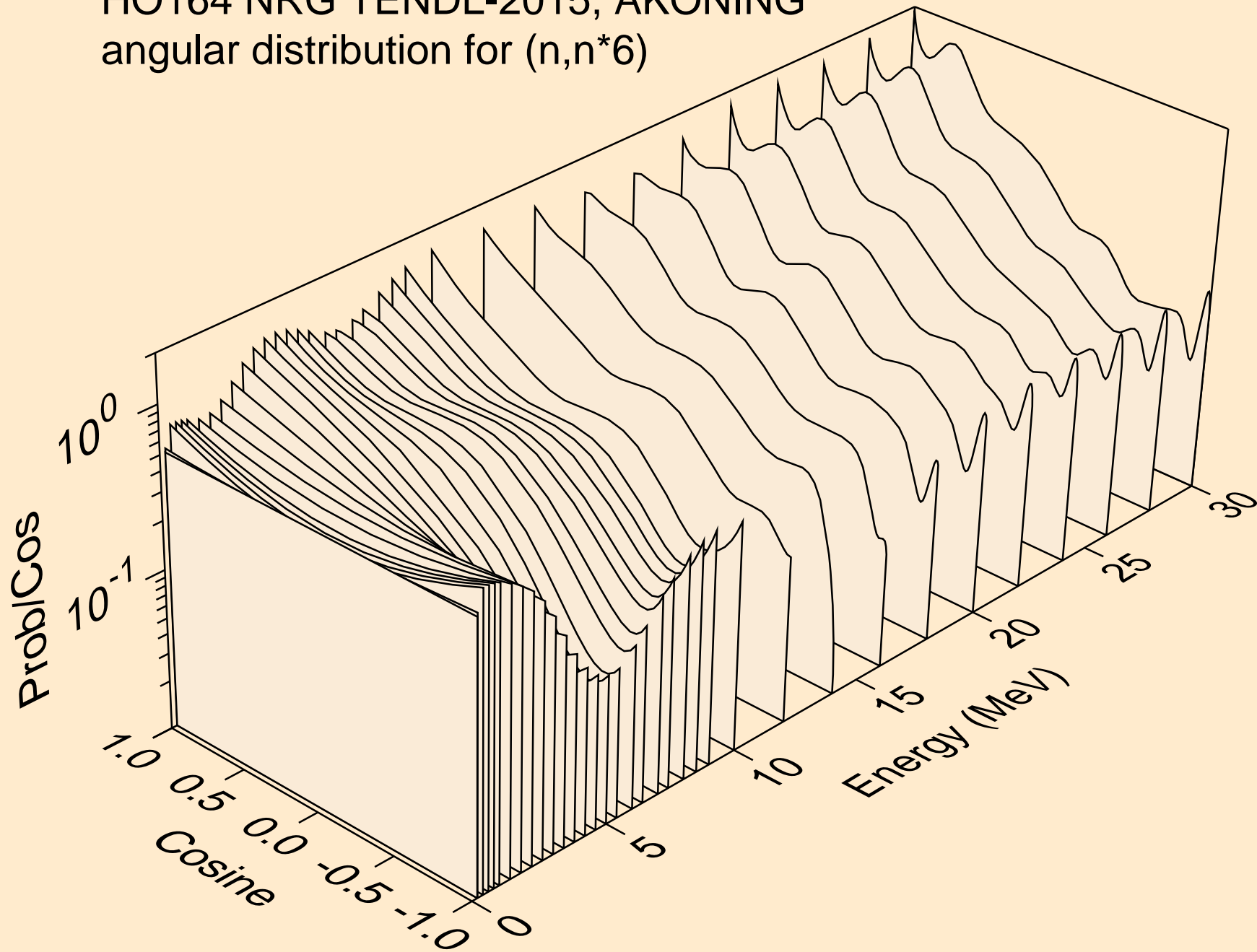
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



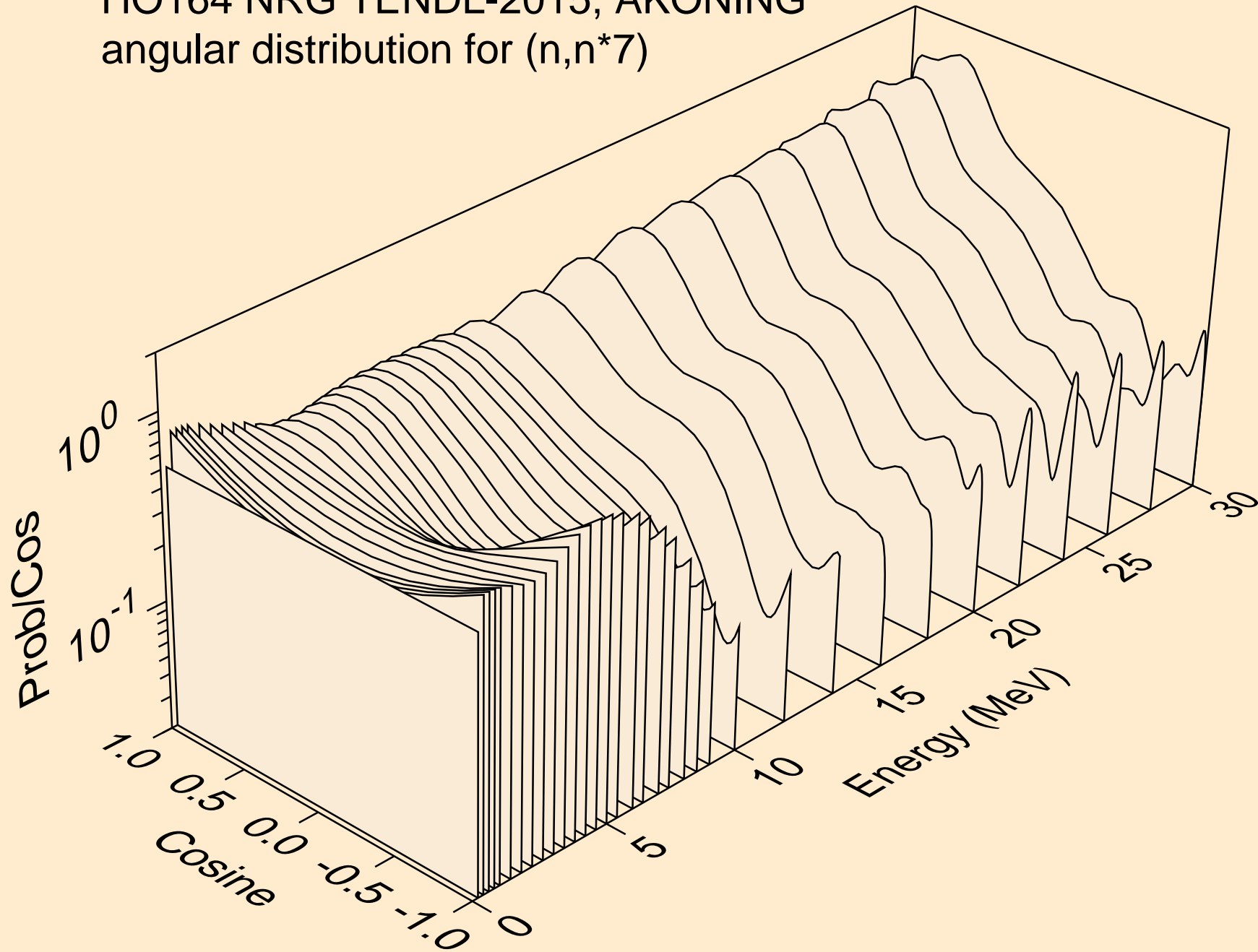
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

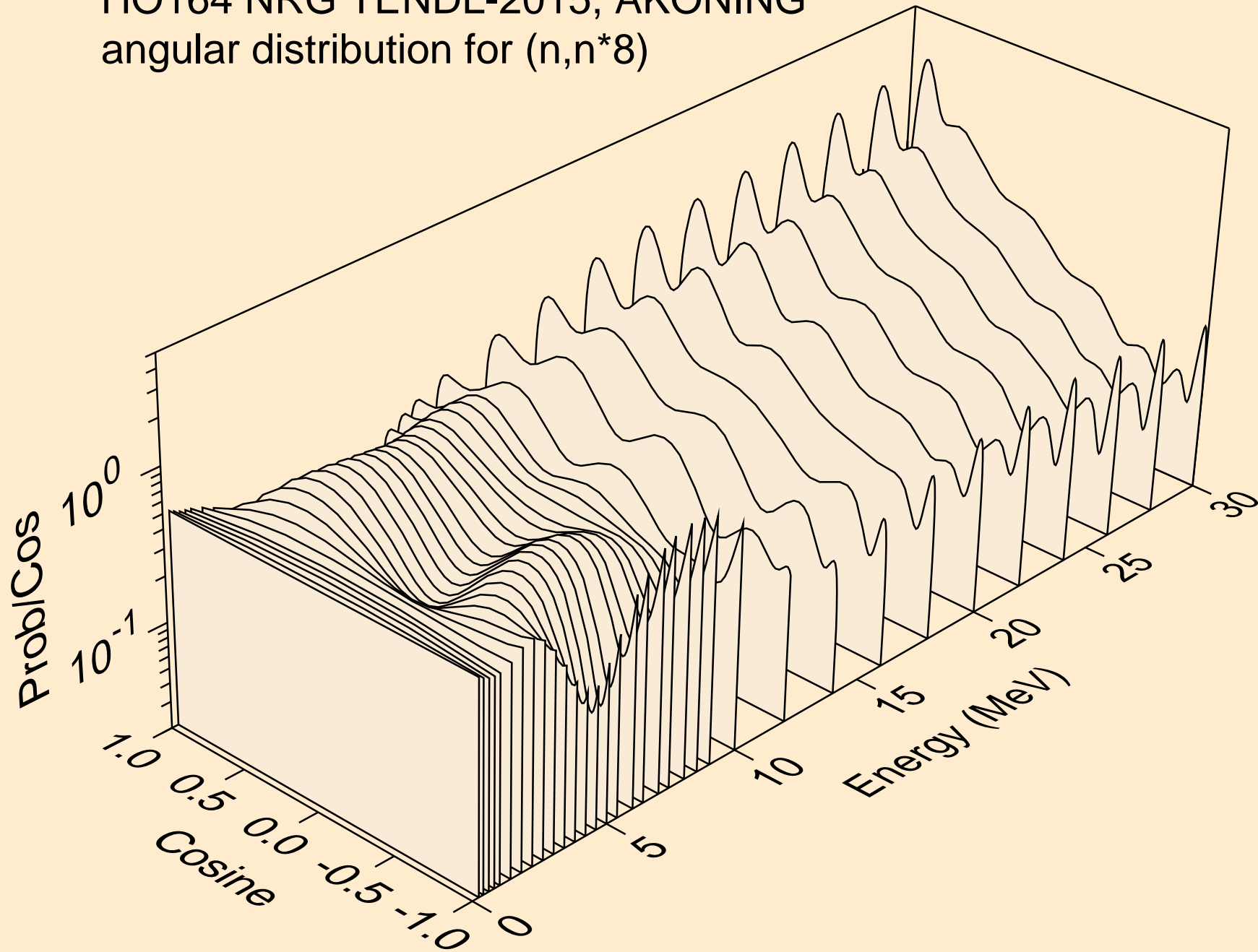


HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

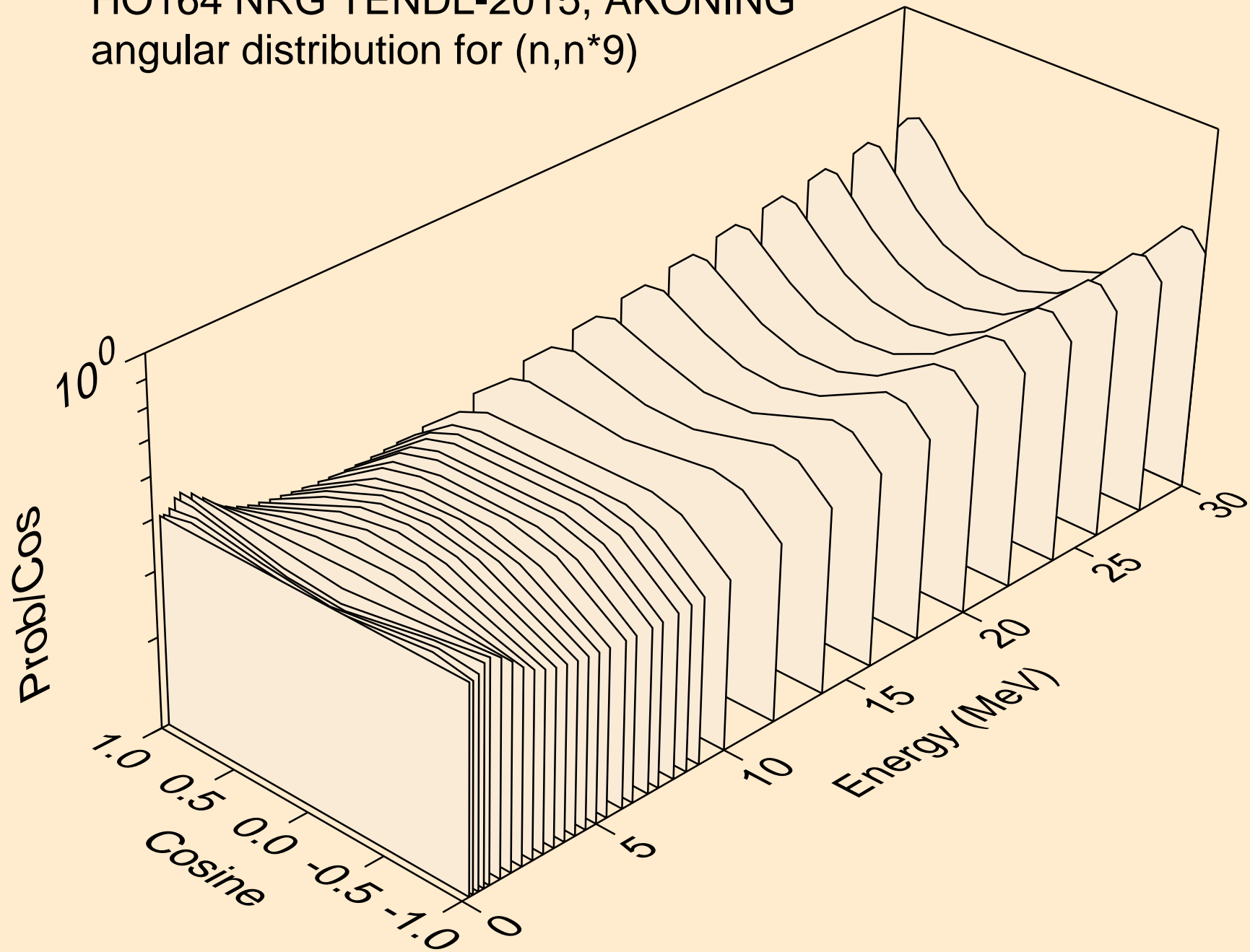




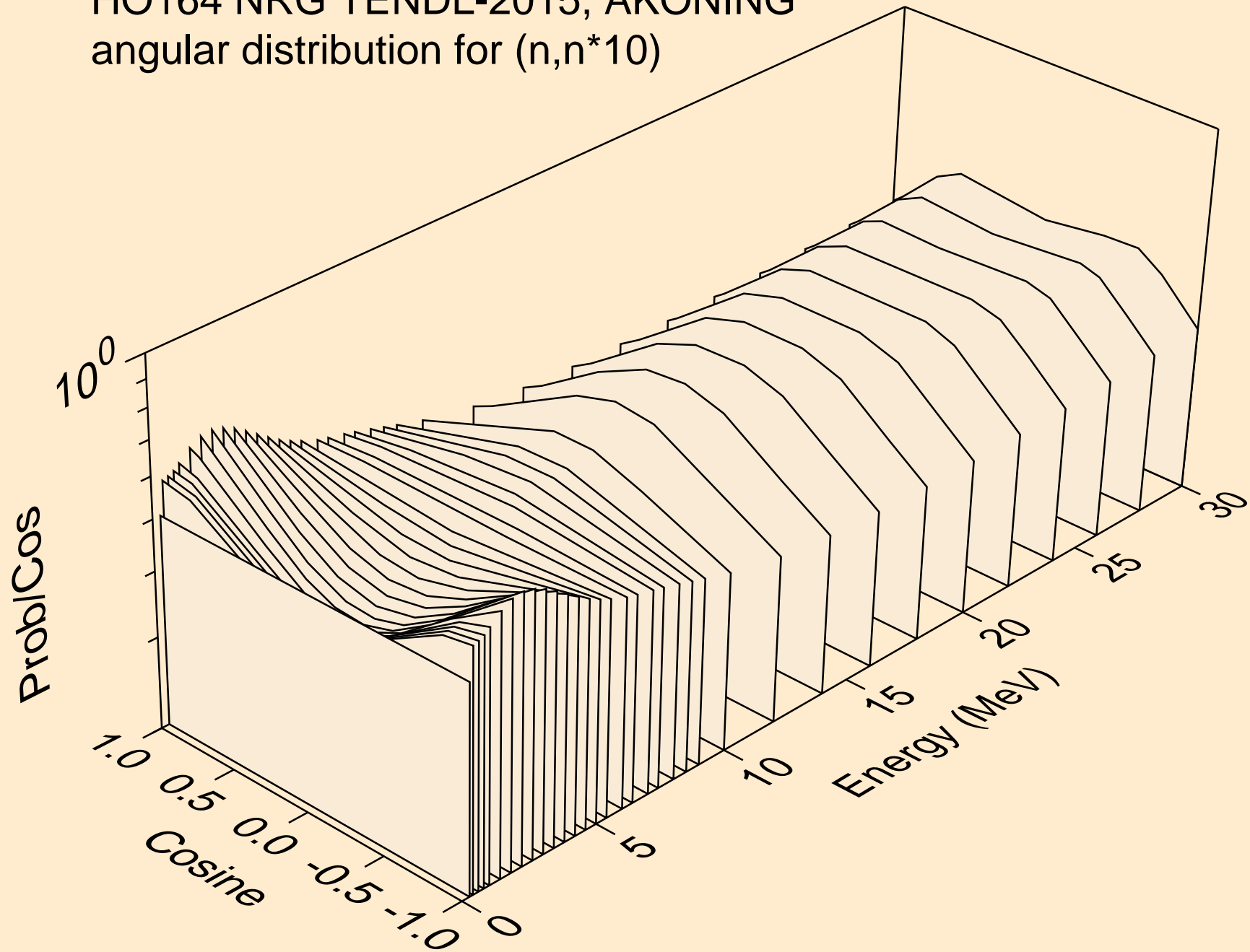
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



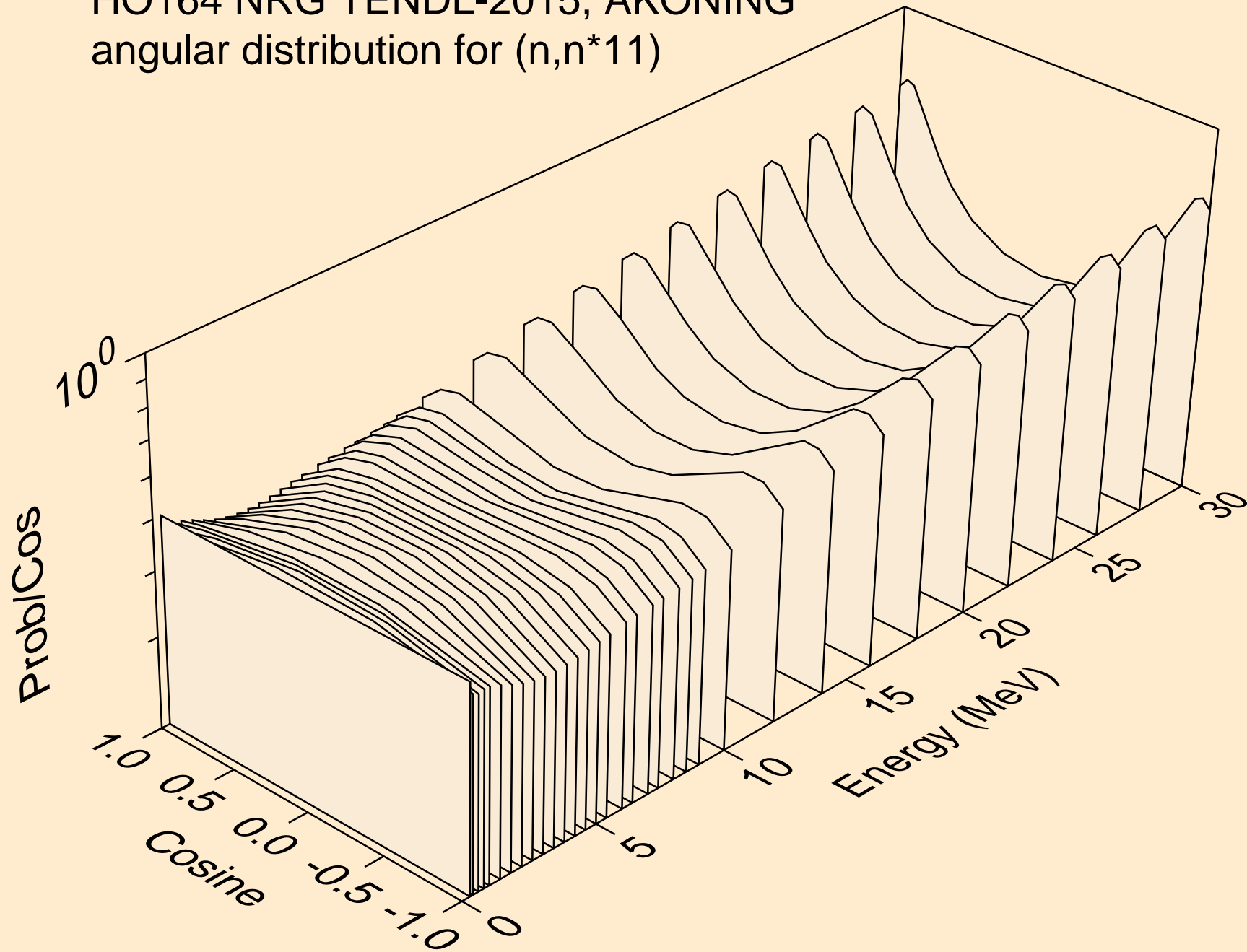
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



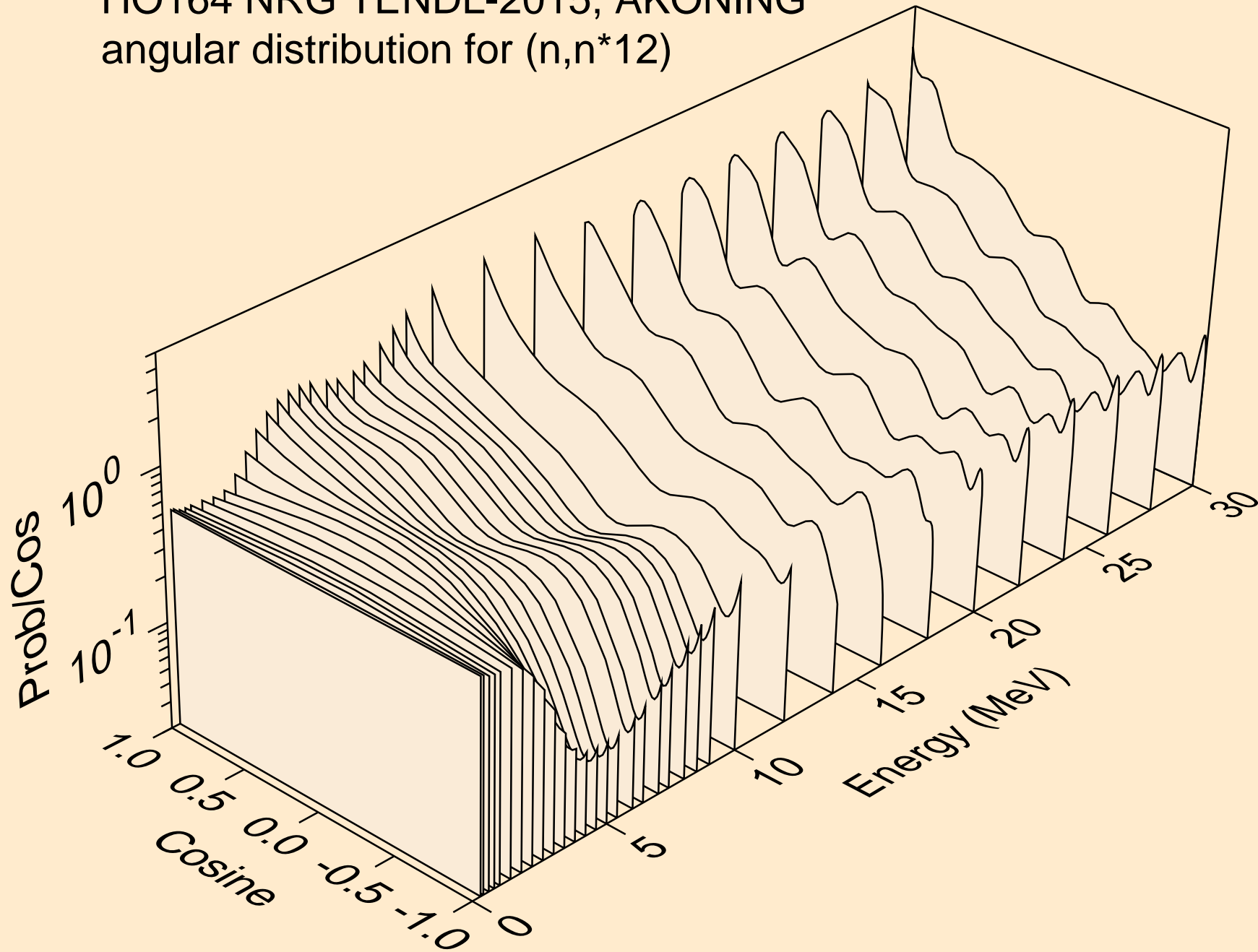
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



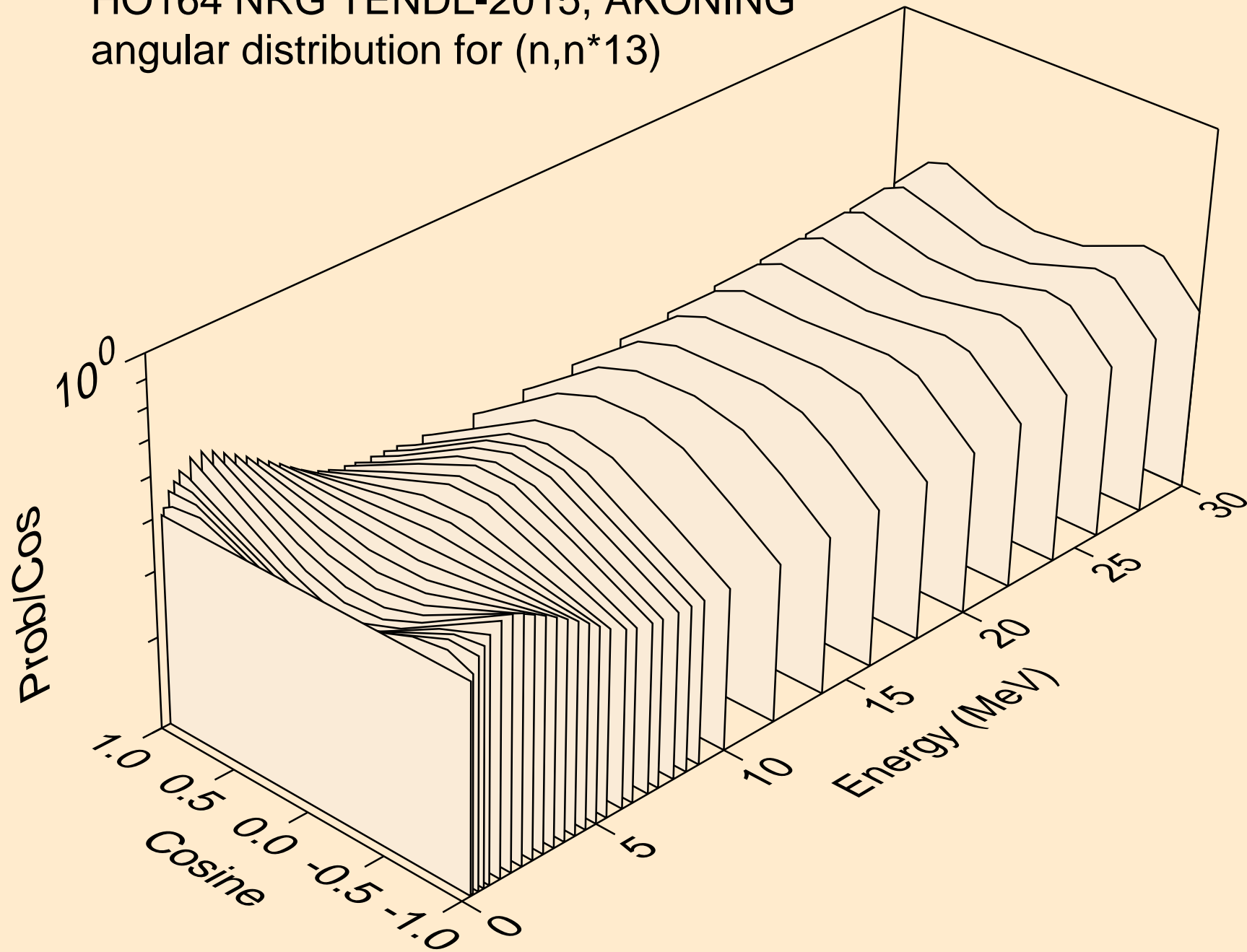
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



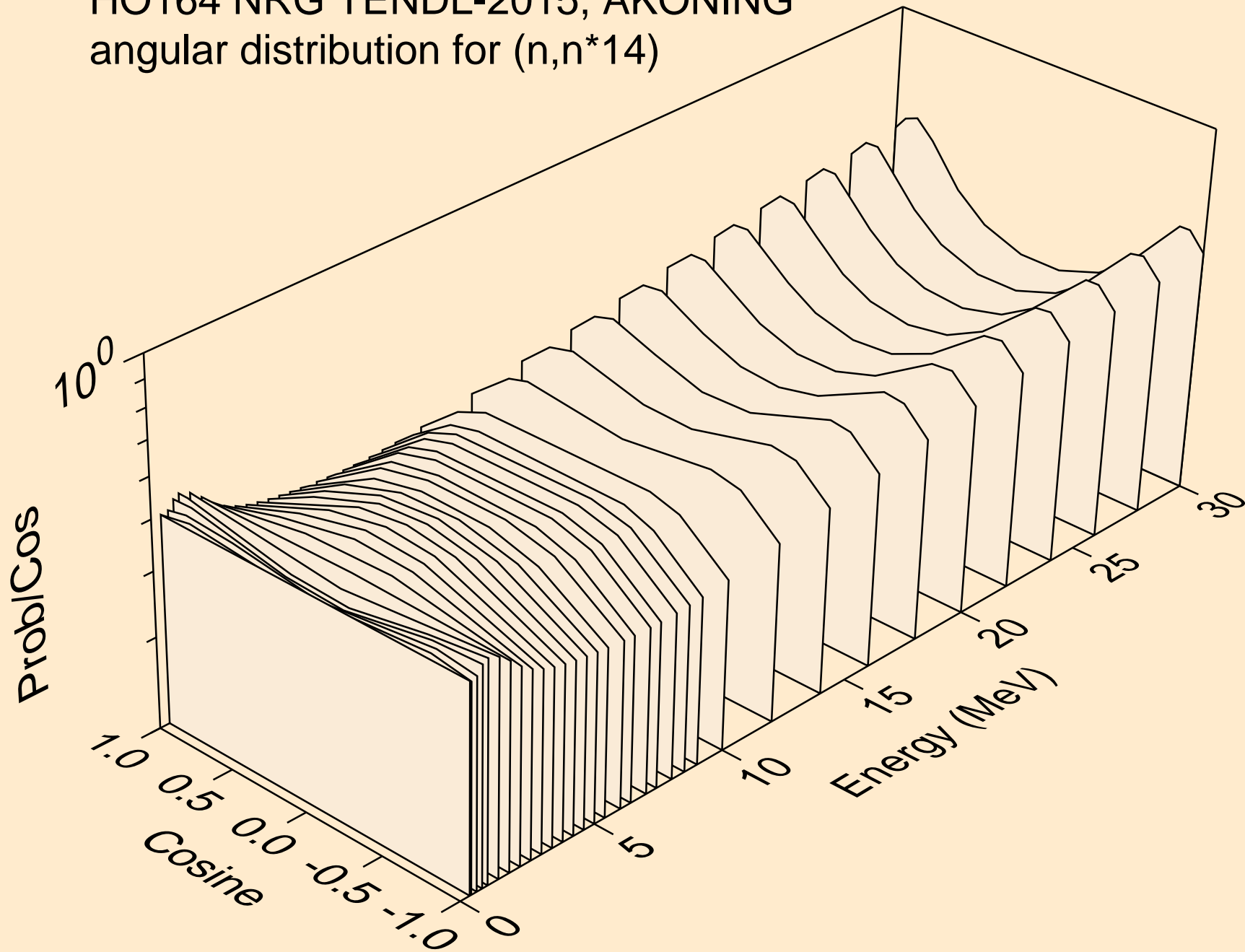
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



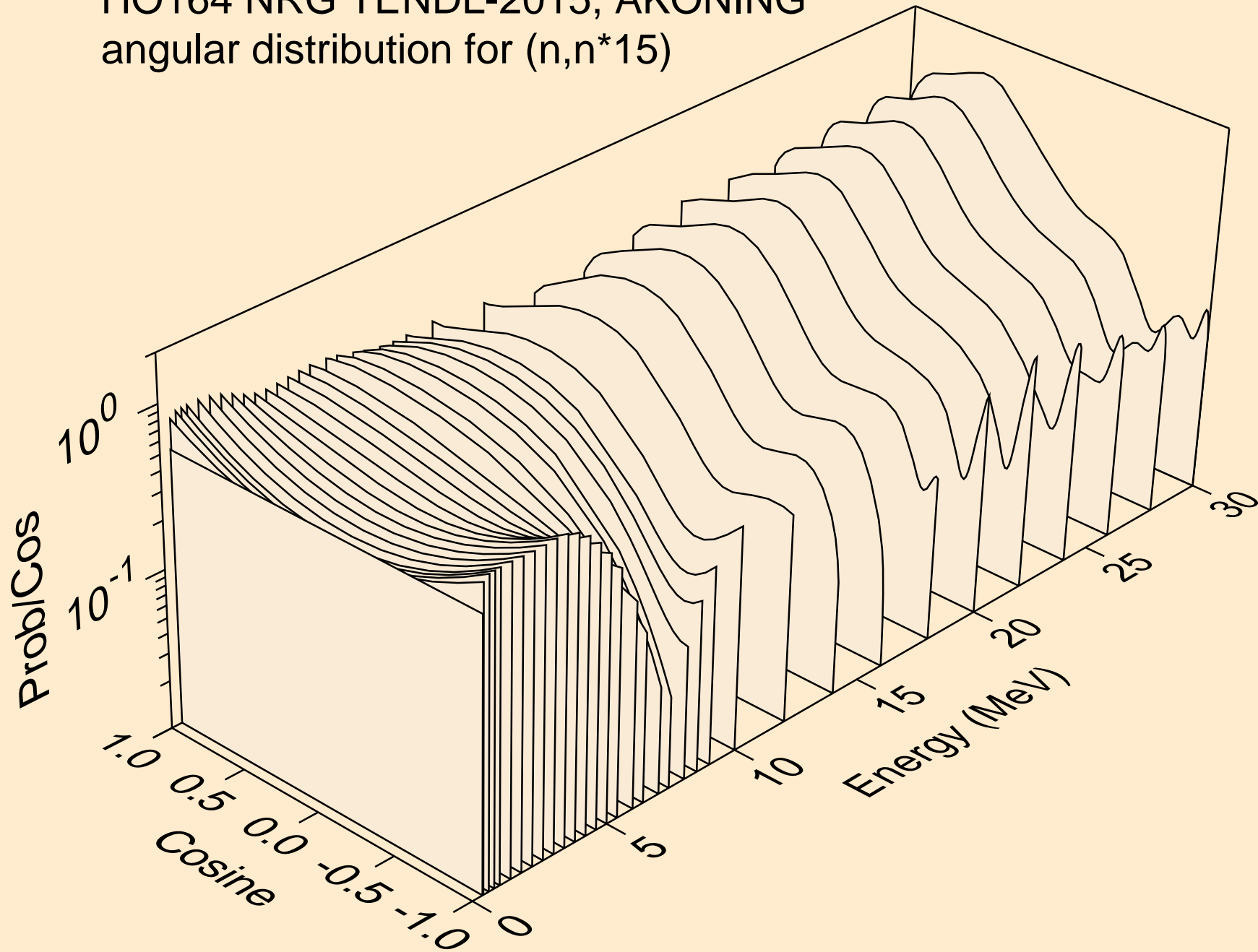
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

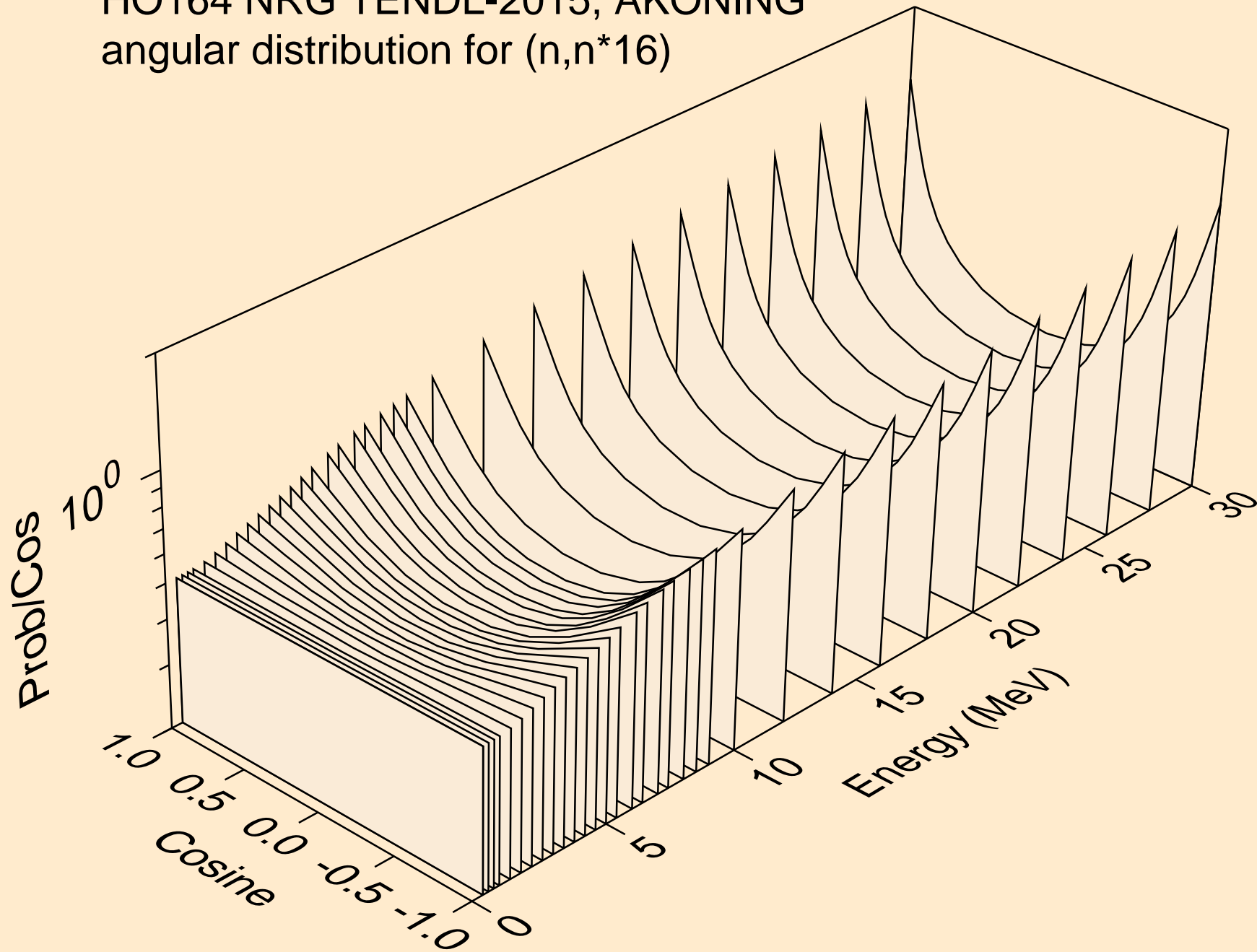


HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

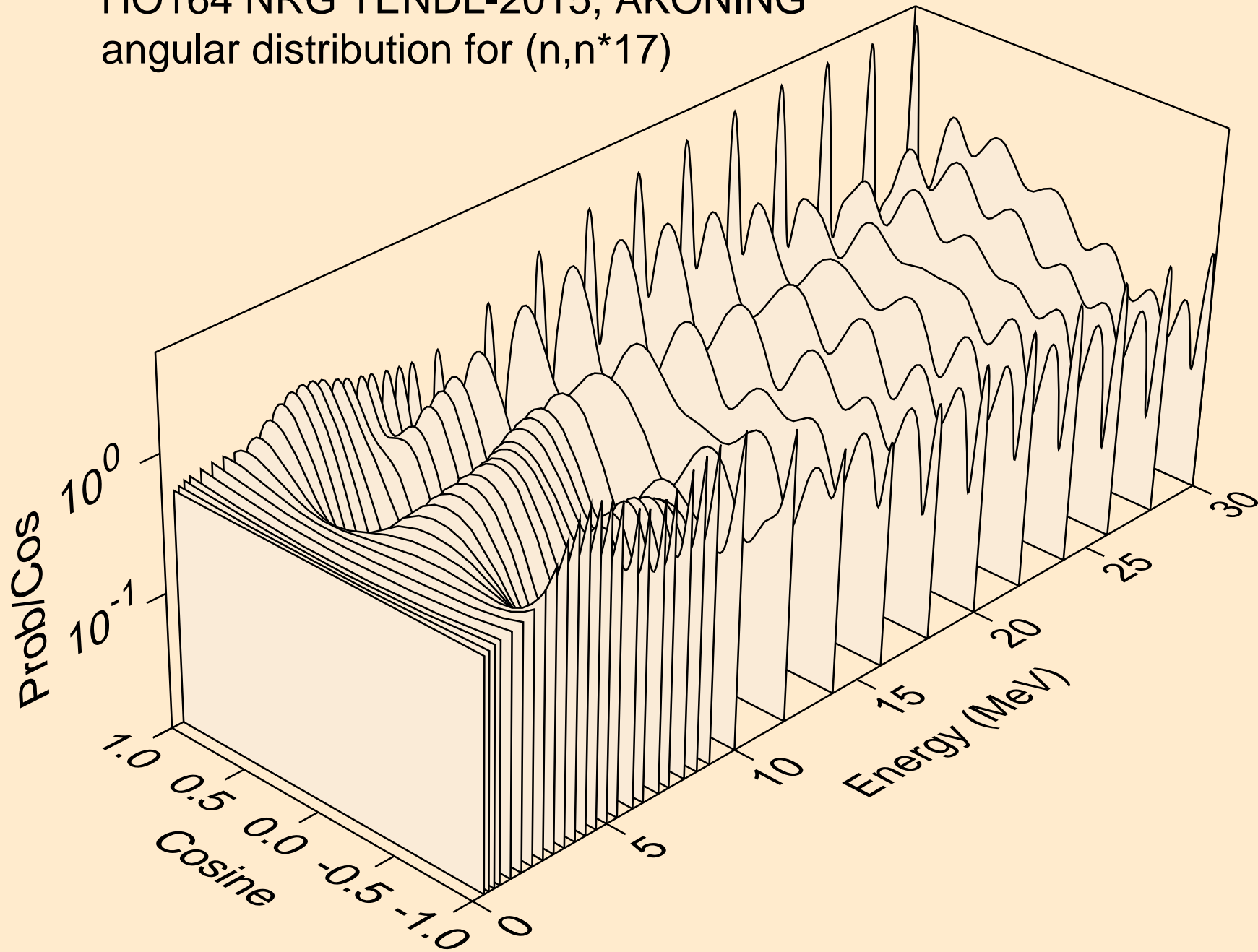




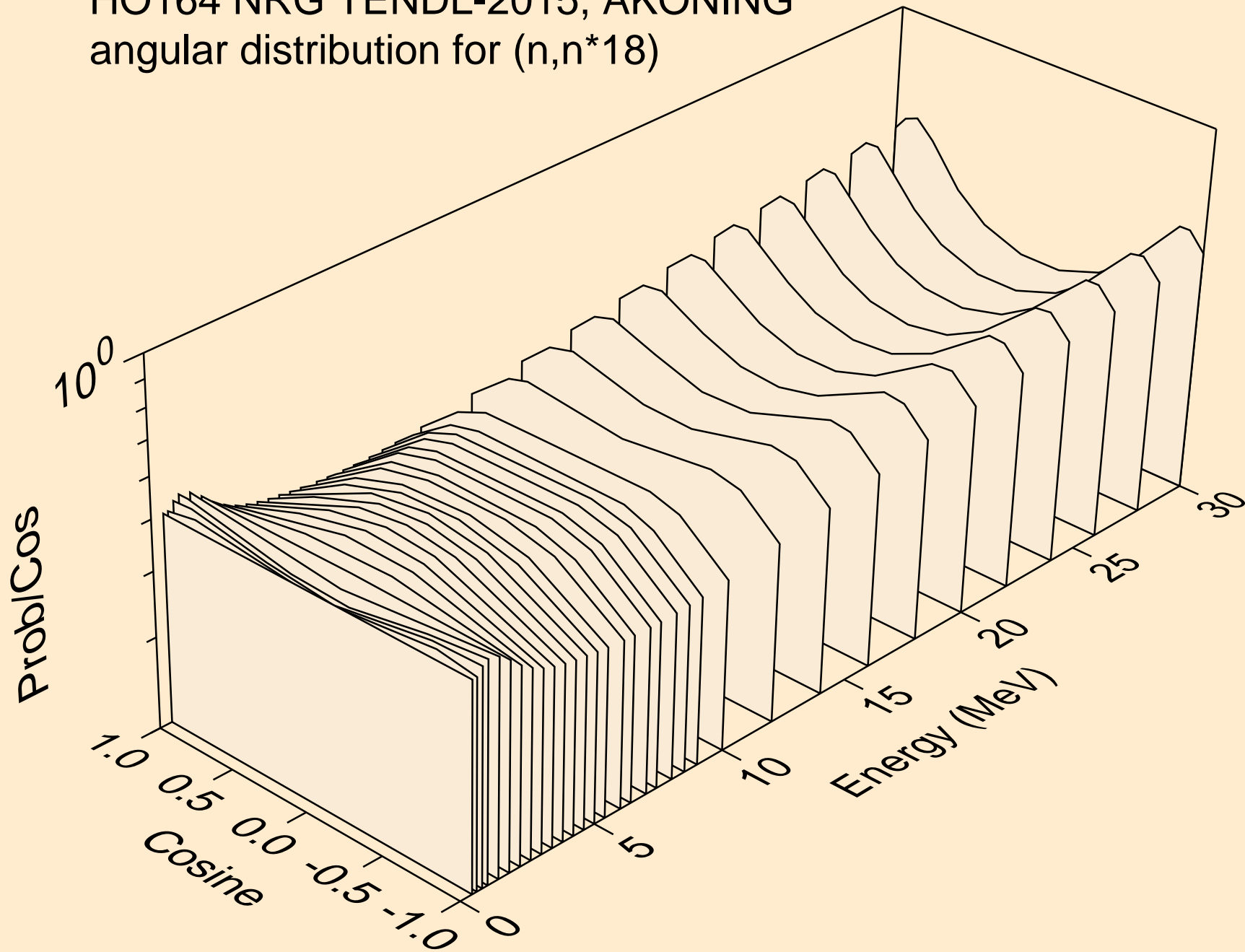
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



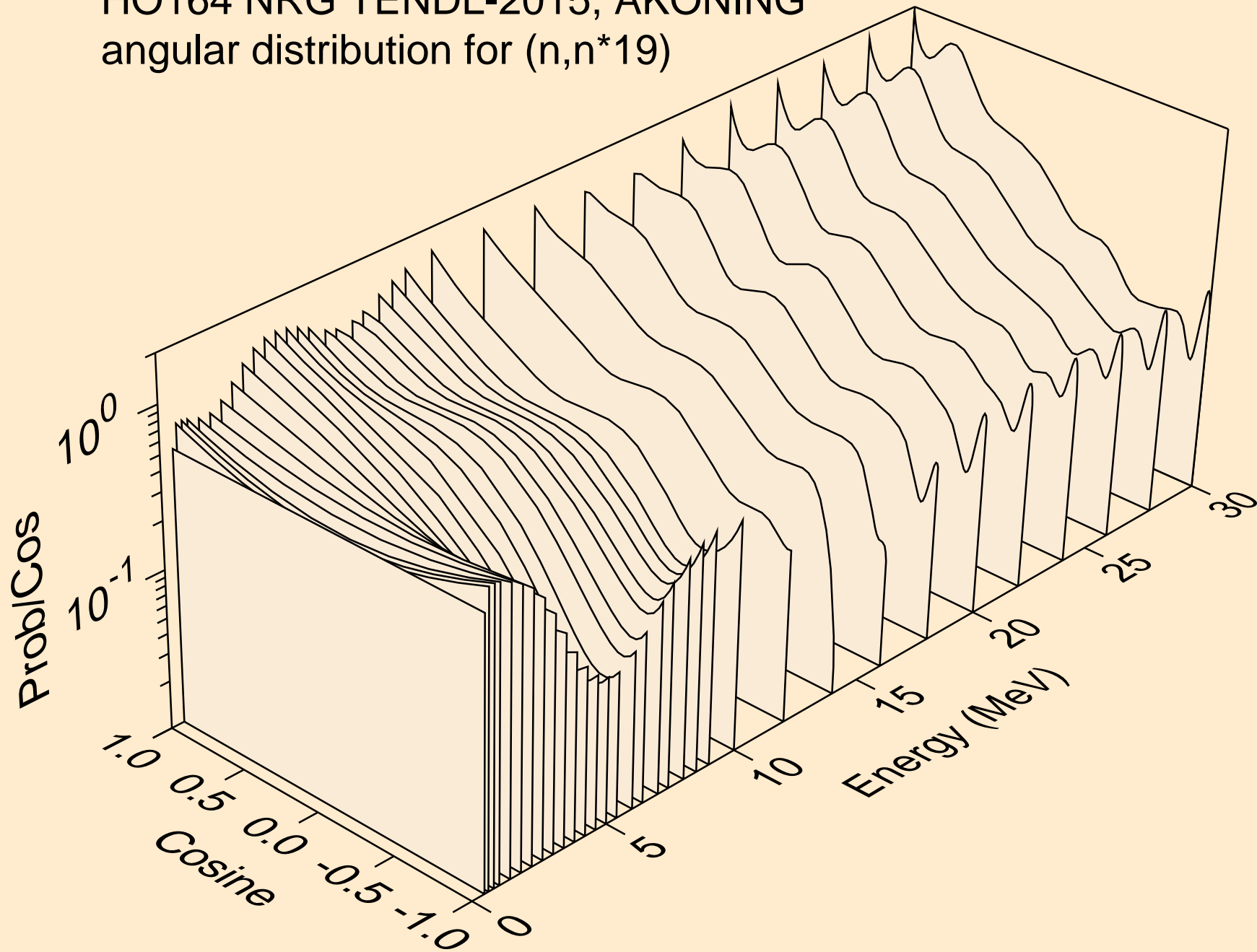
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



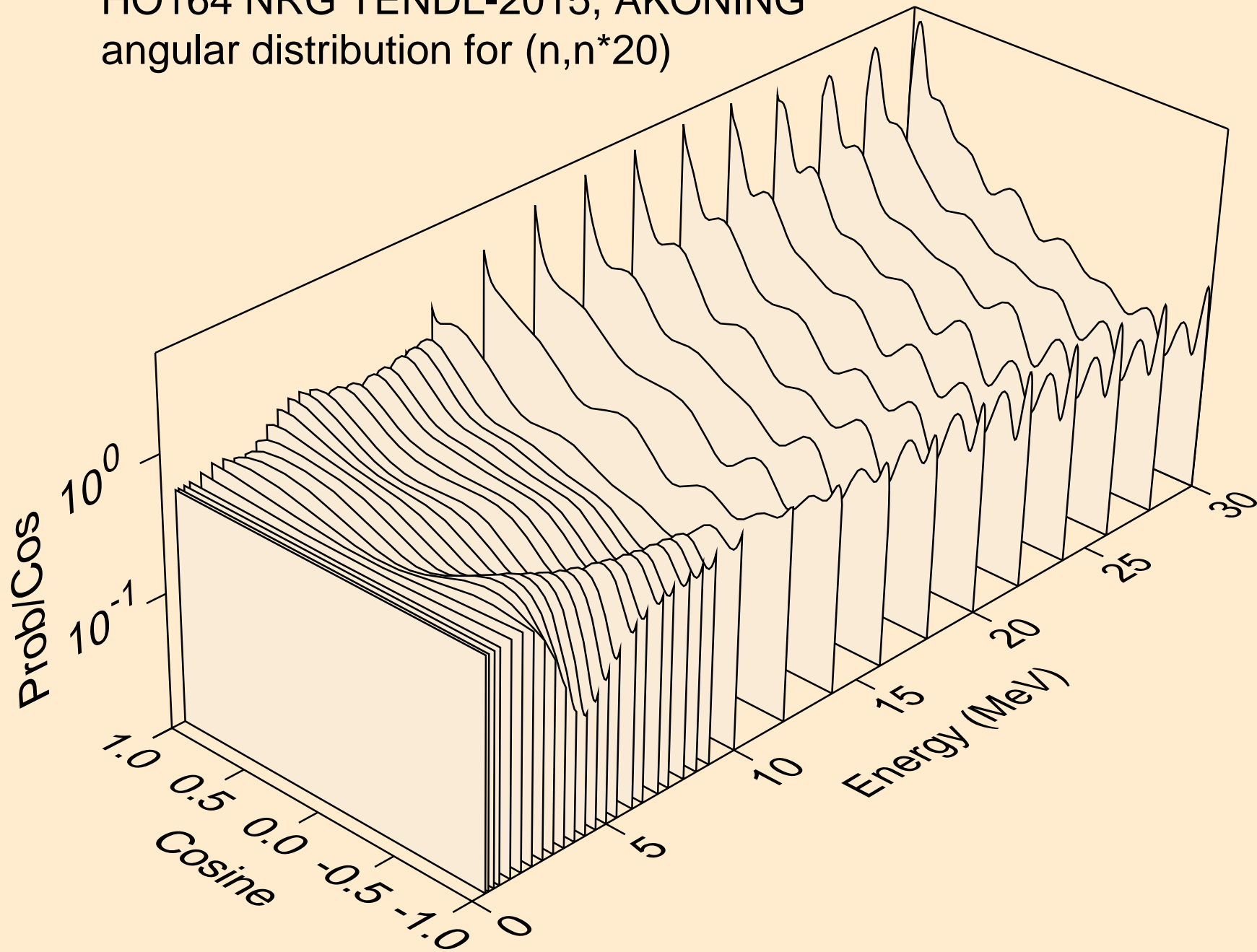
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



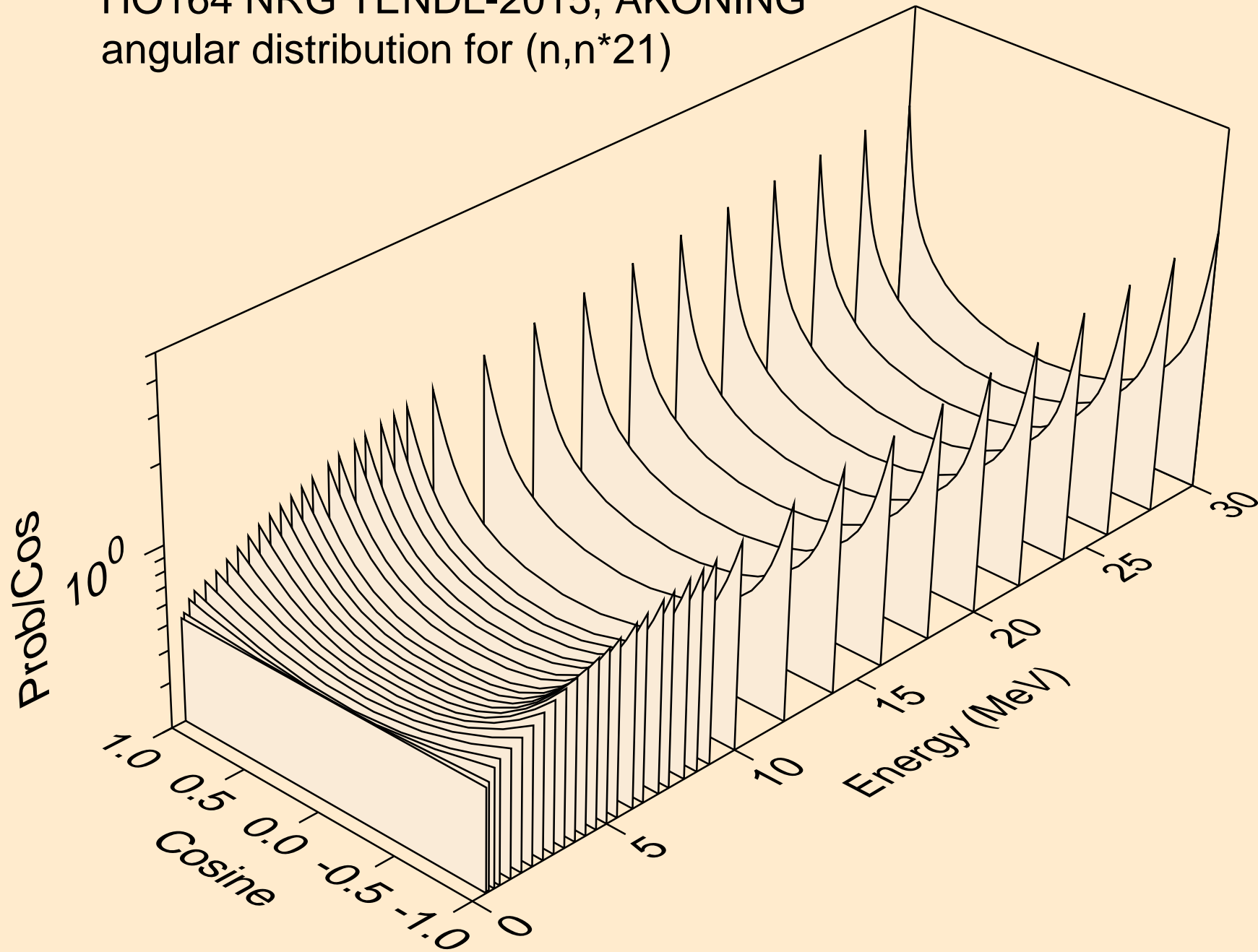
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



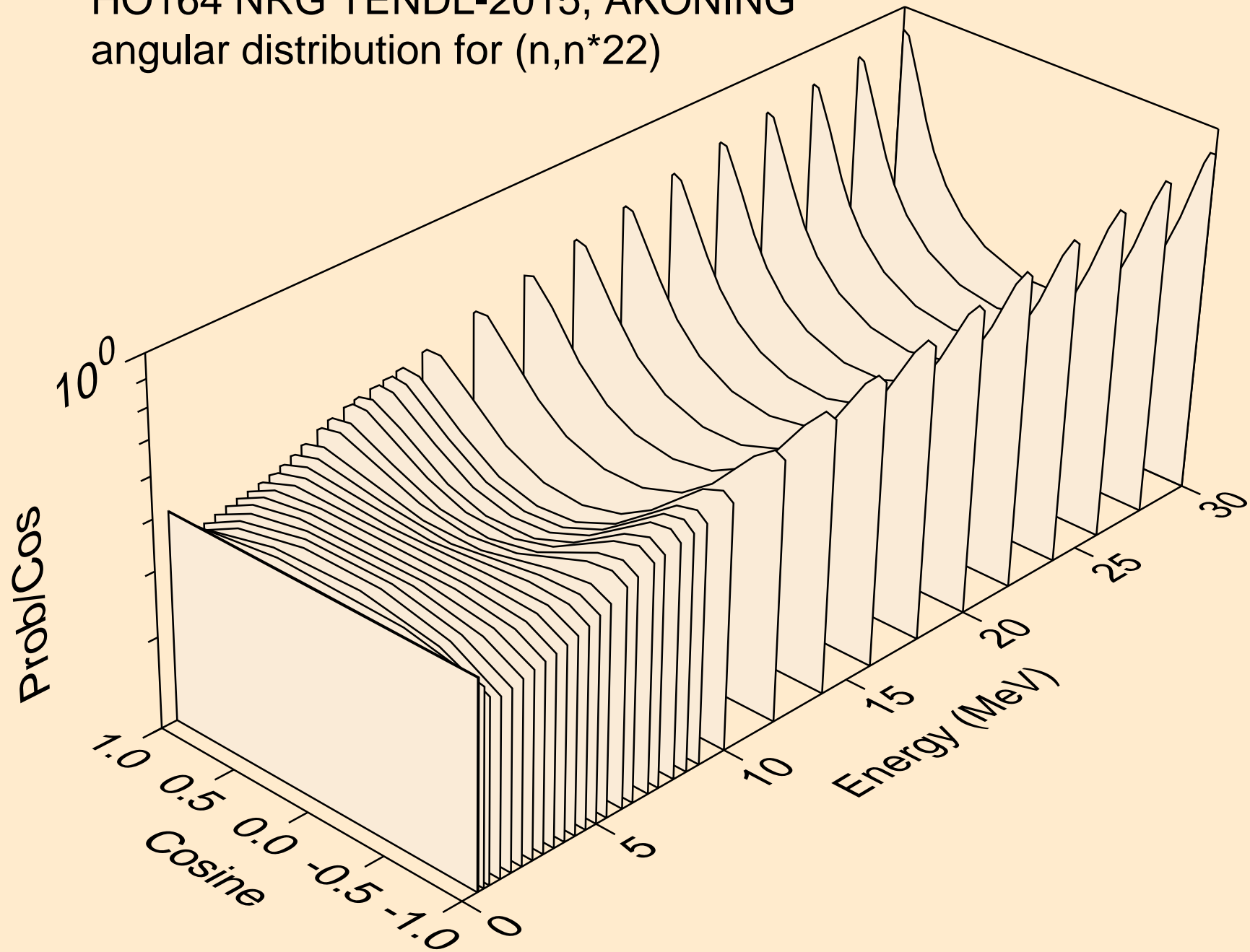
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



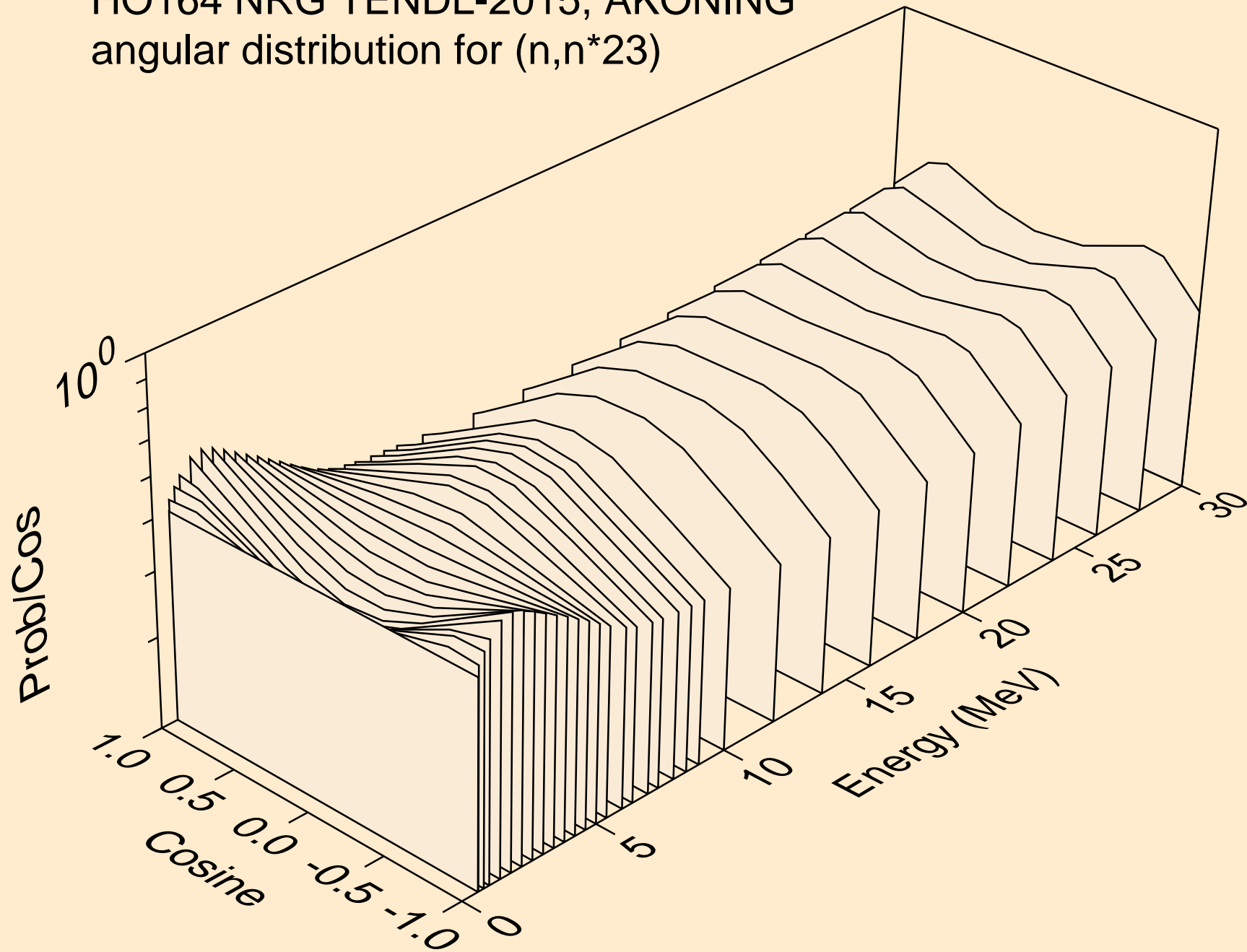
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

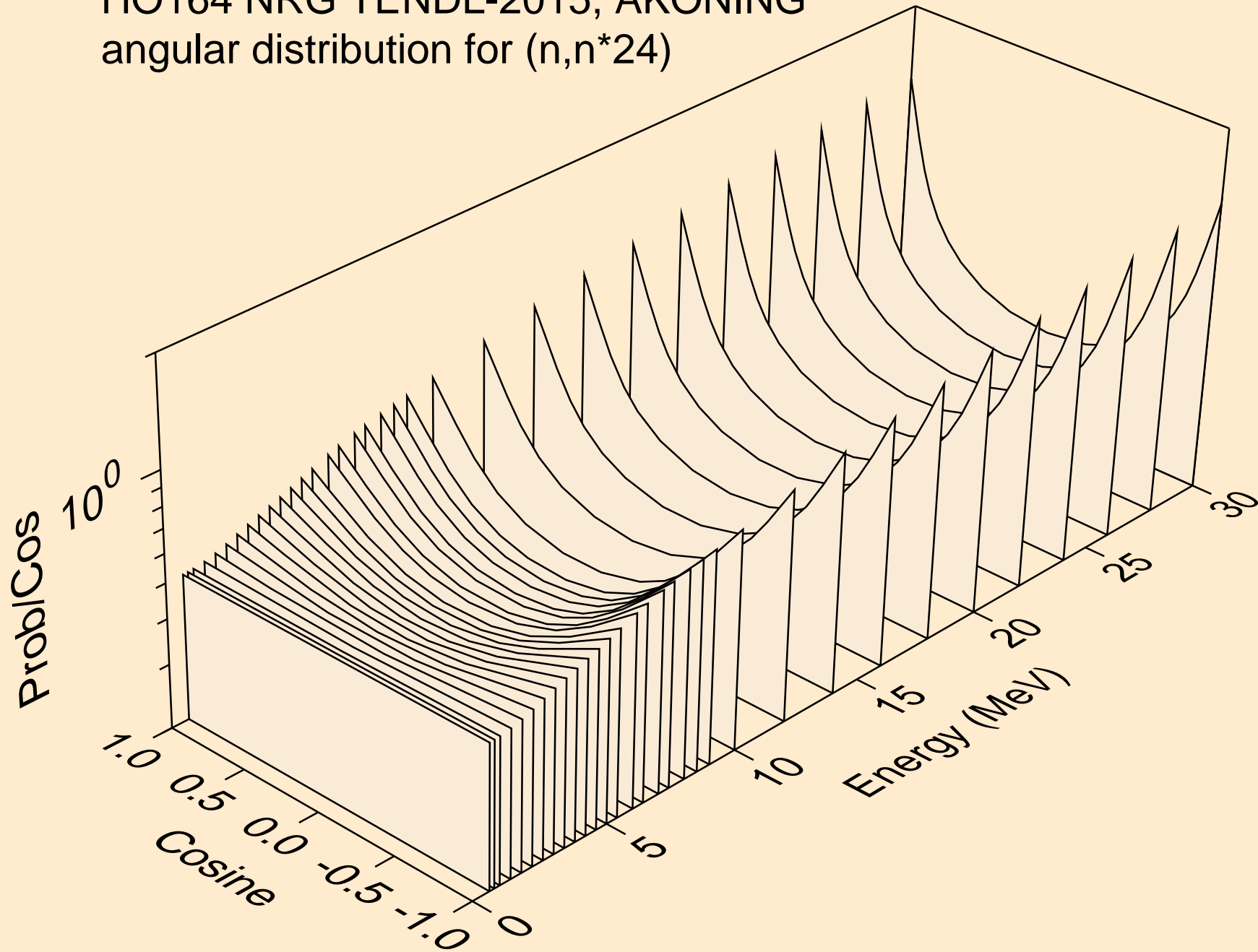


HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

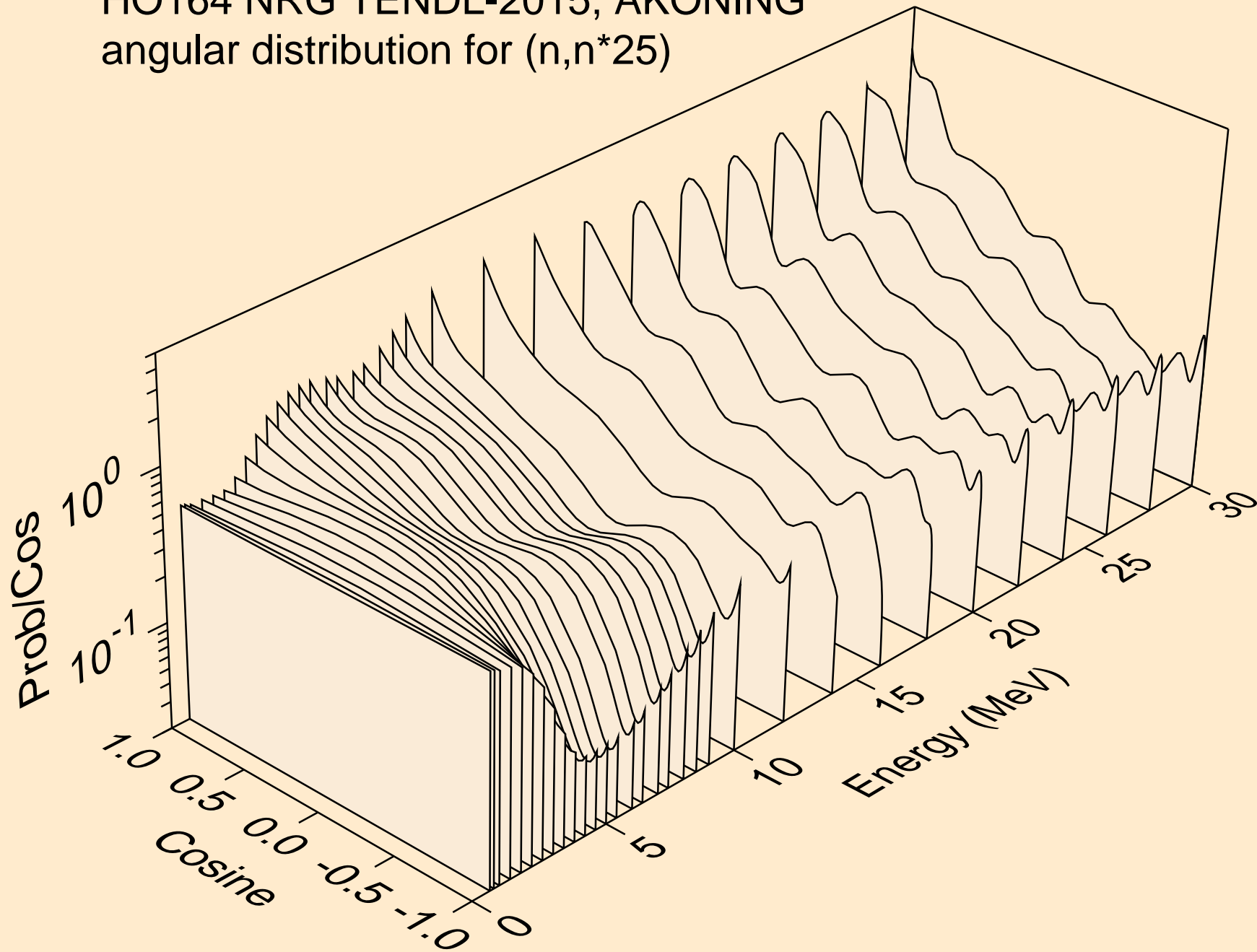




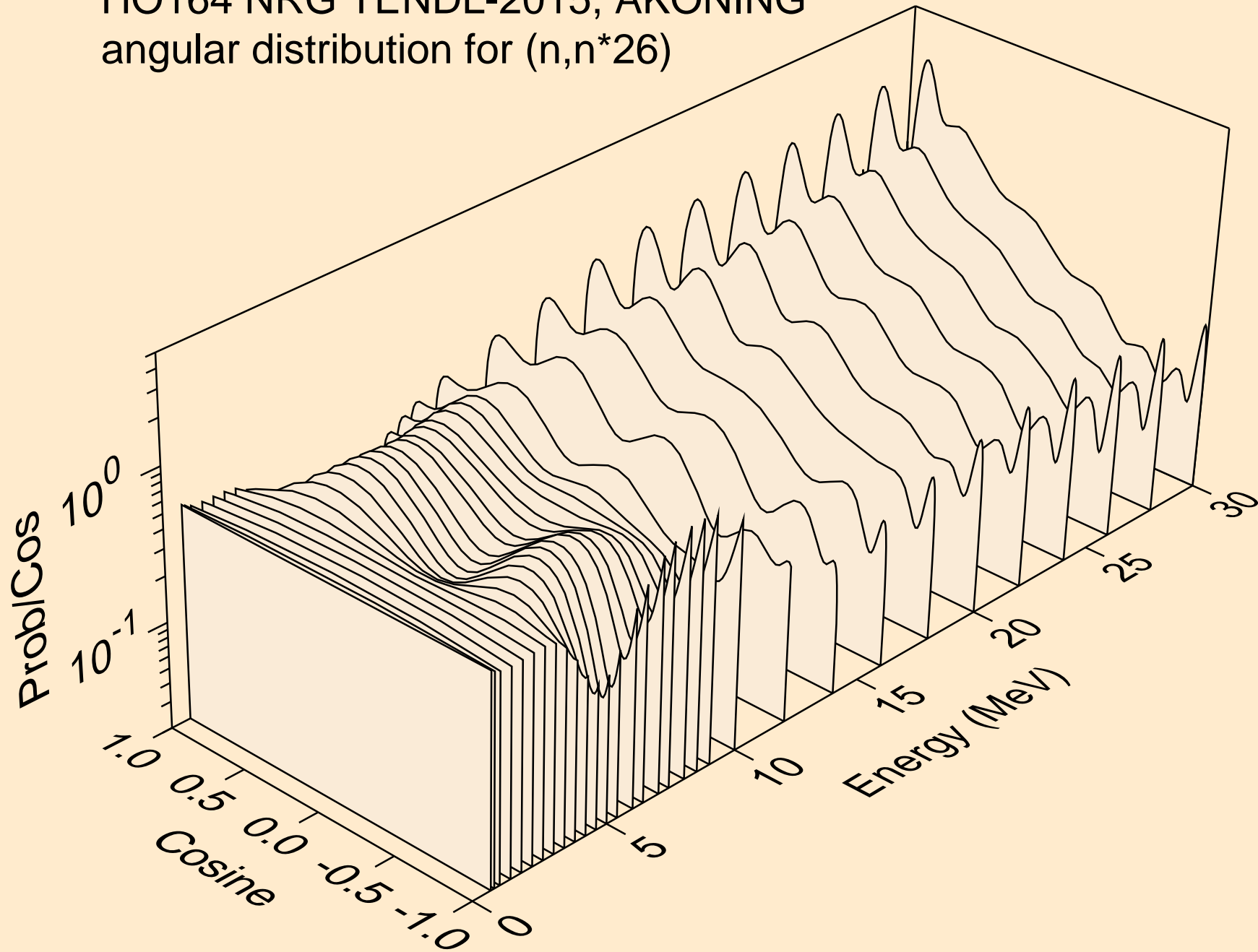
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



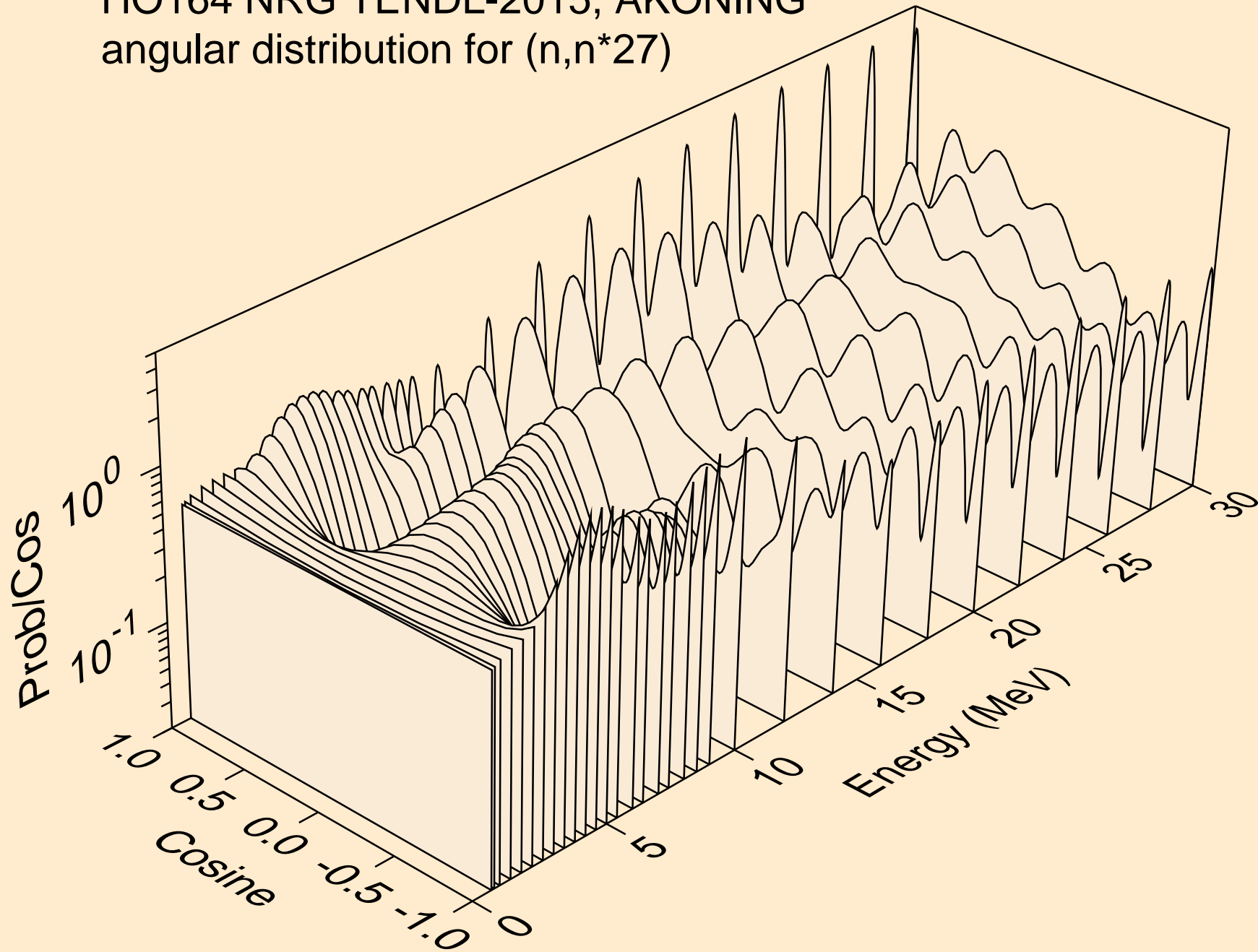
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



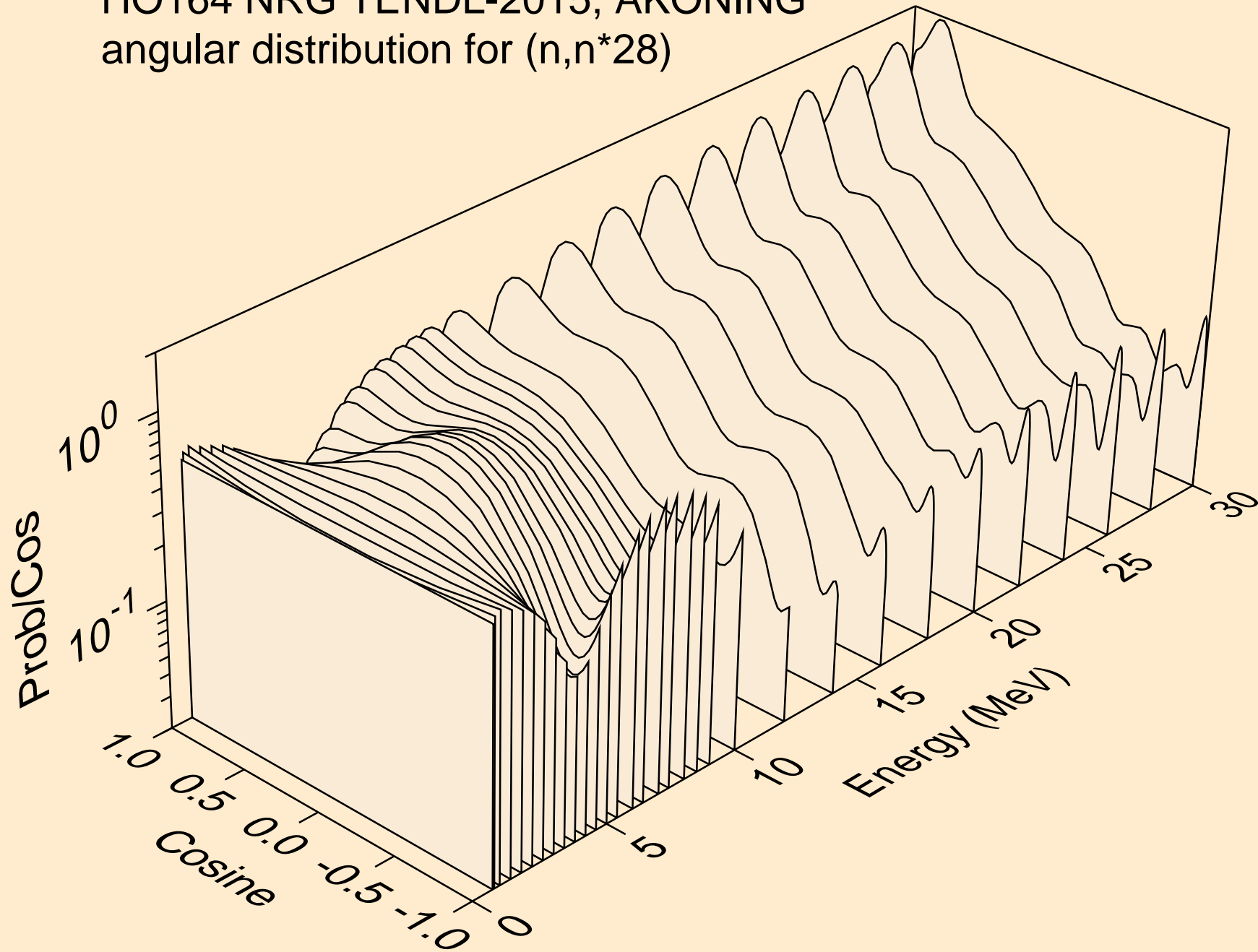
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



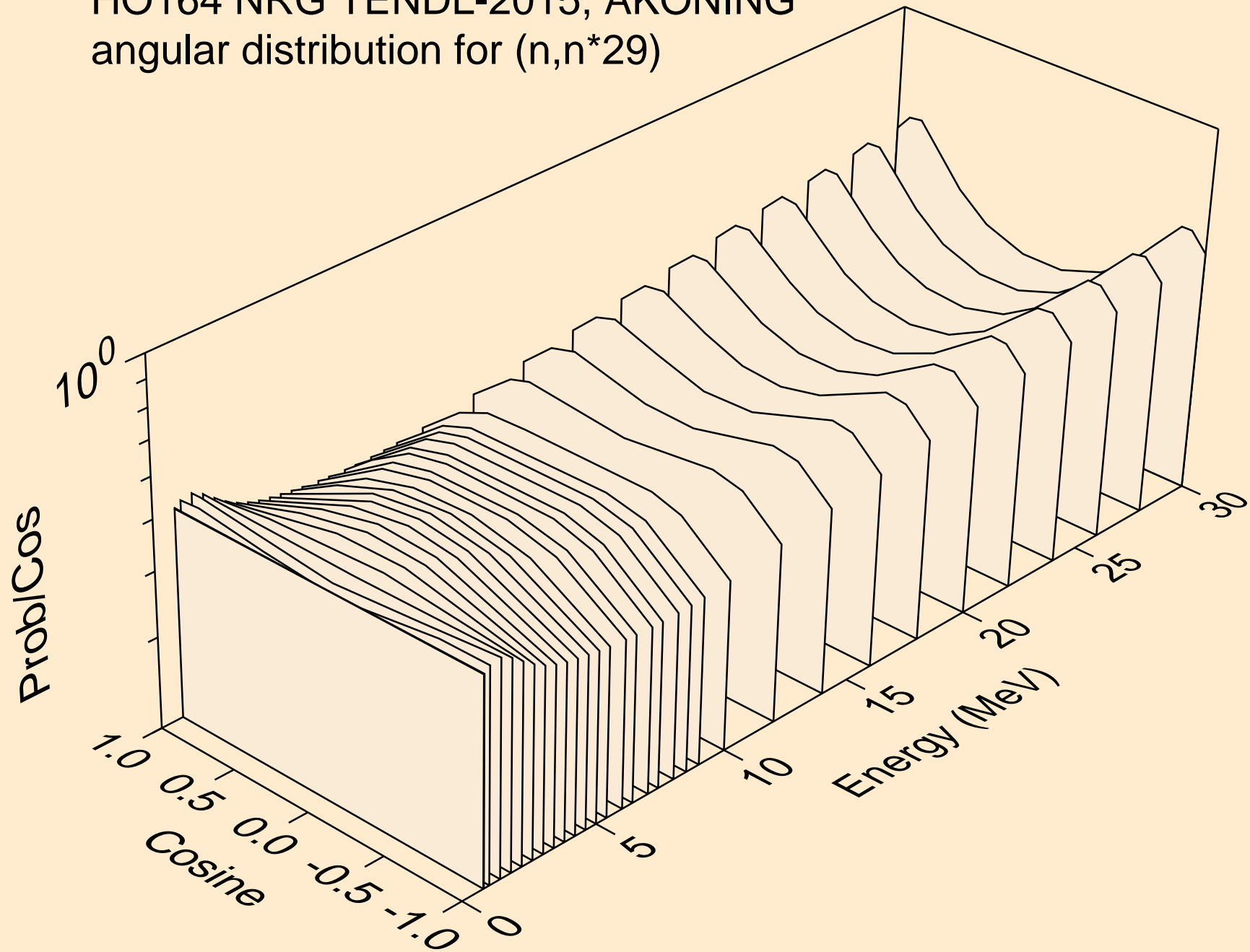
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



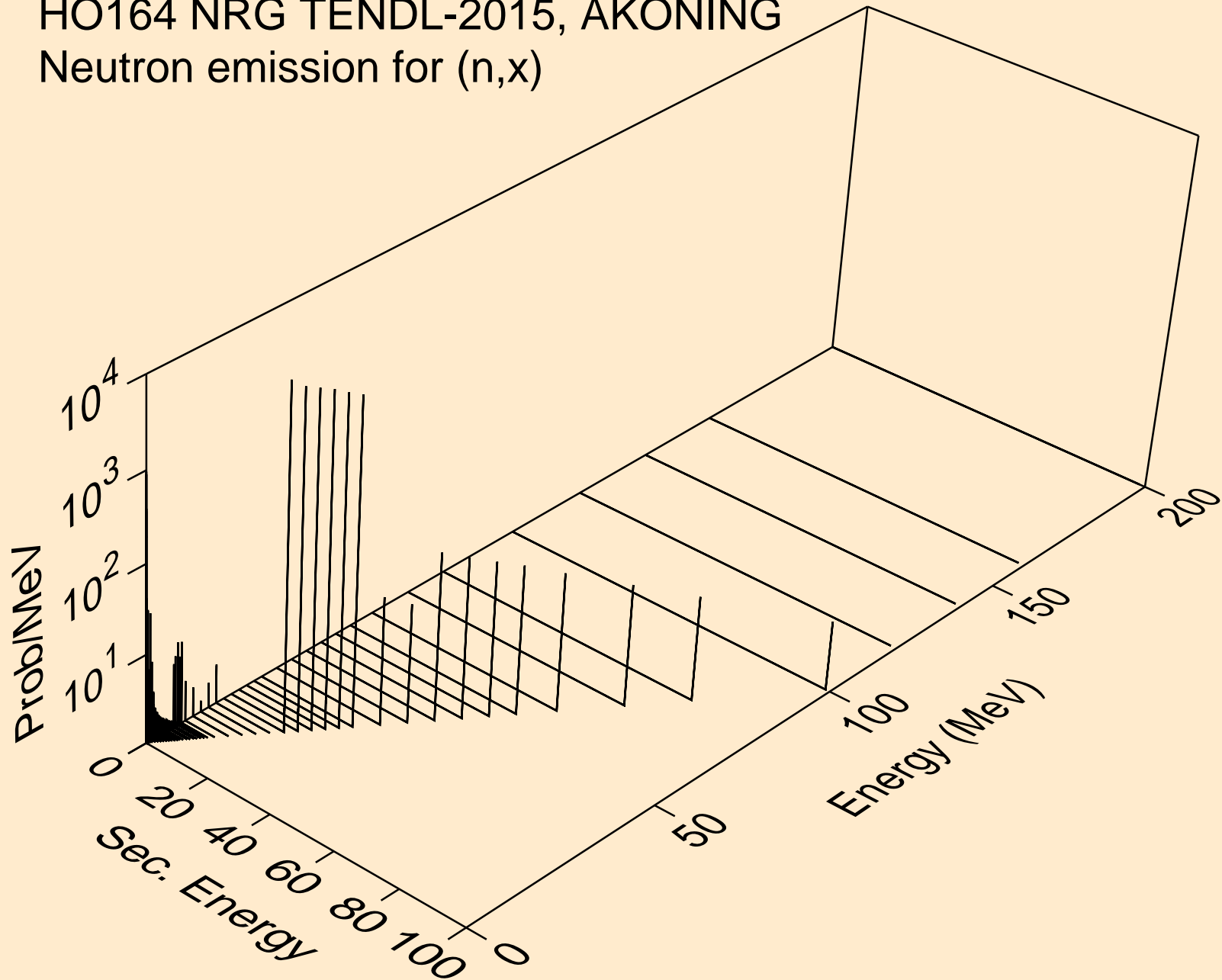
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



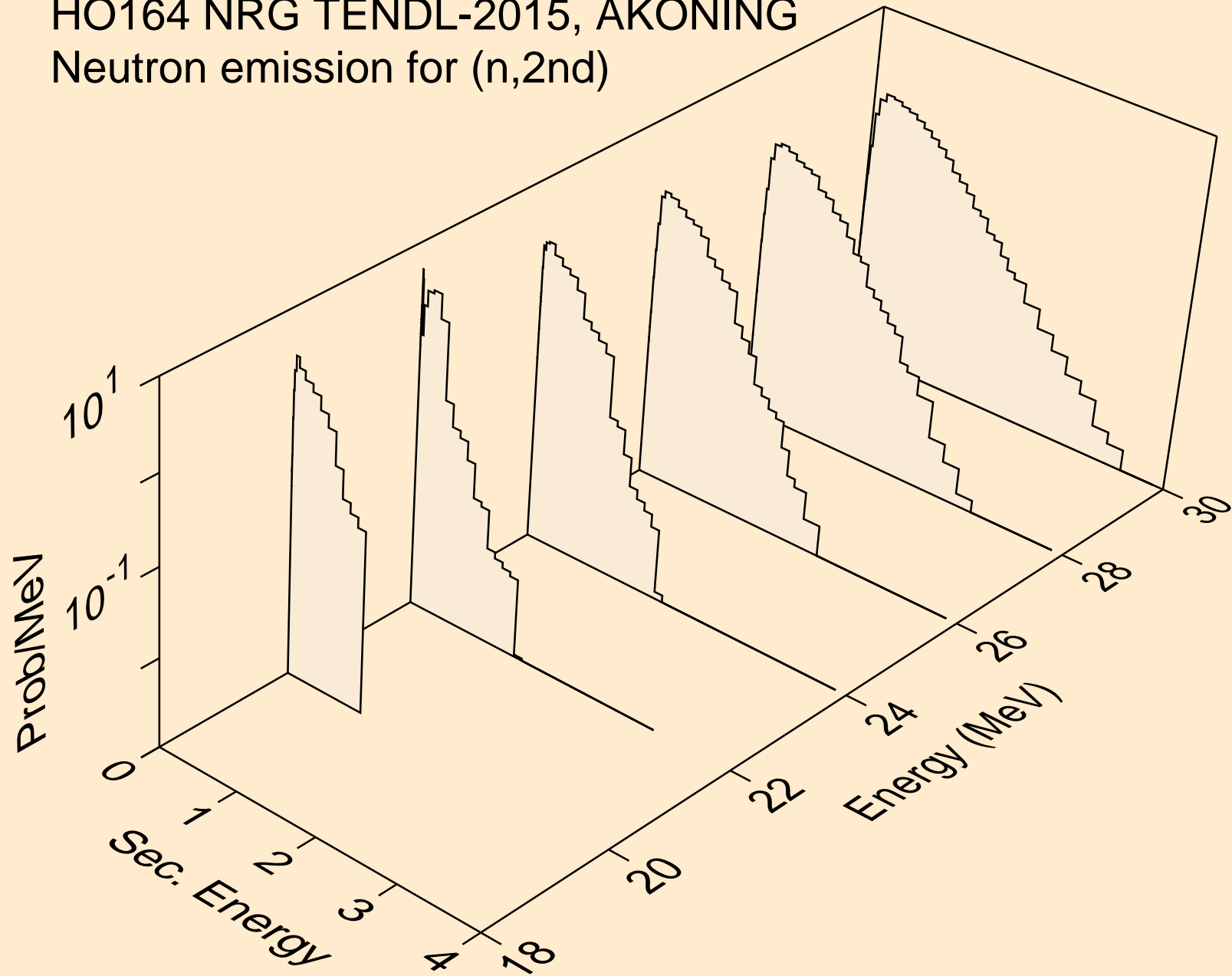
HO164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

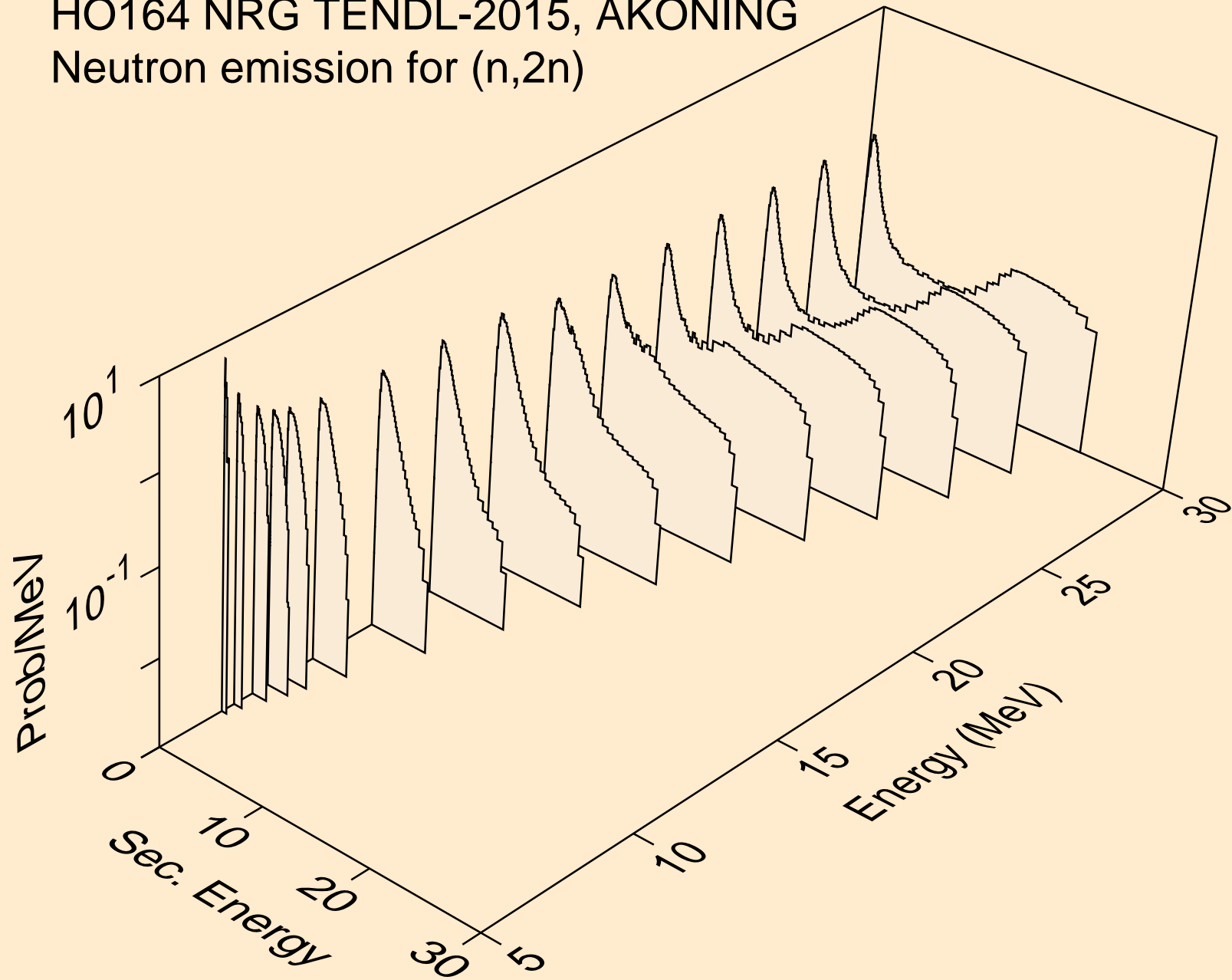


HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

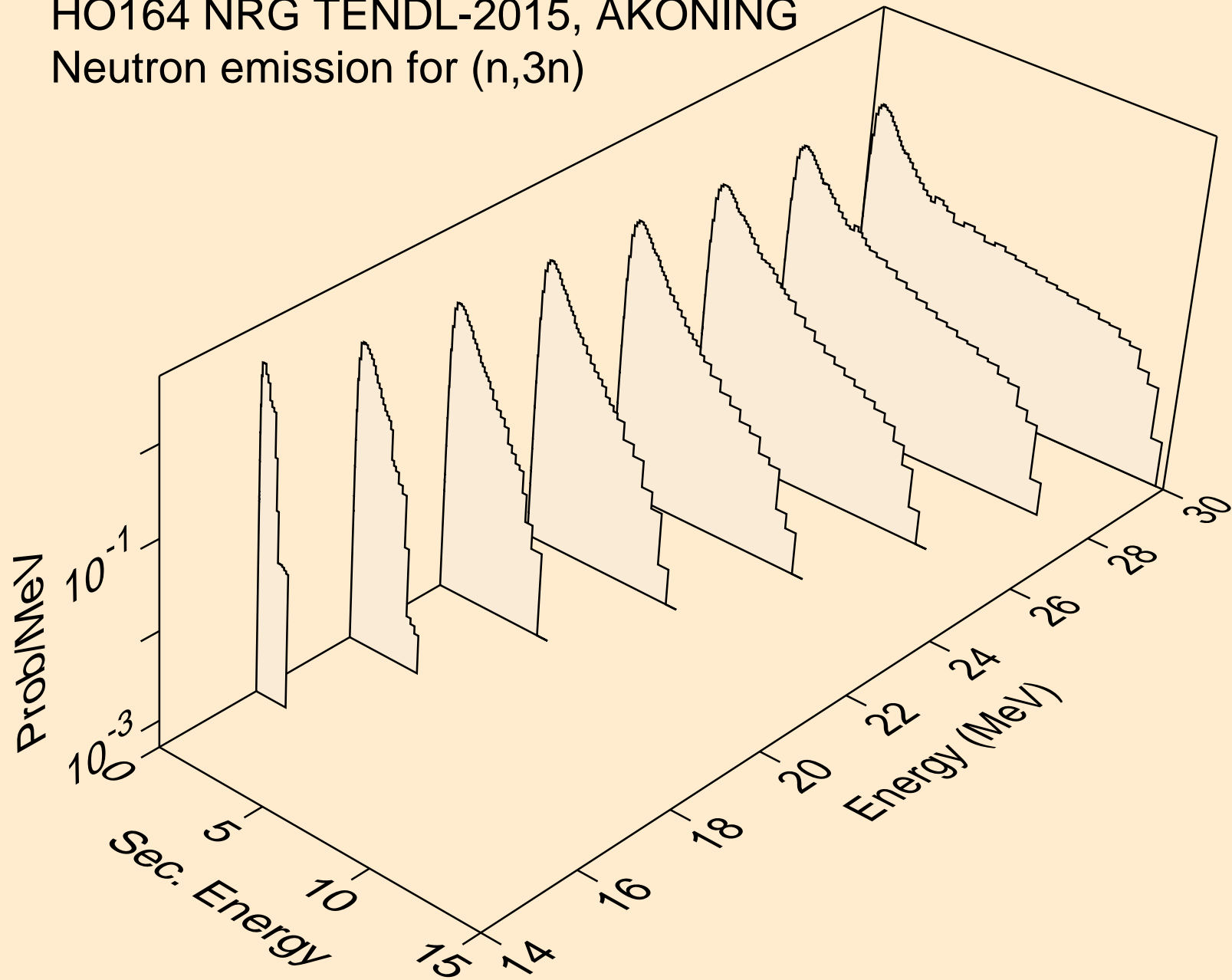




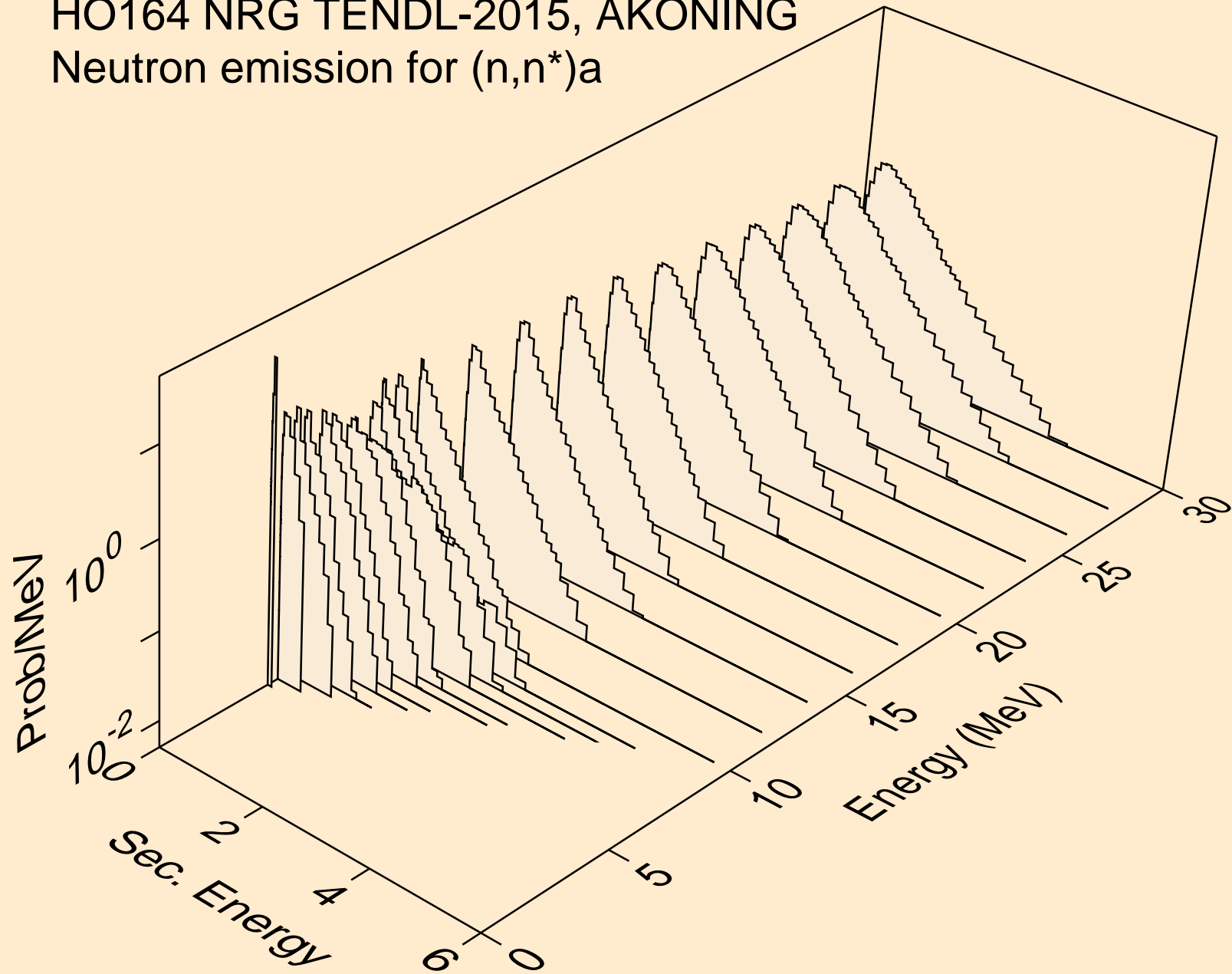
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



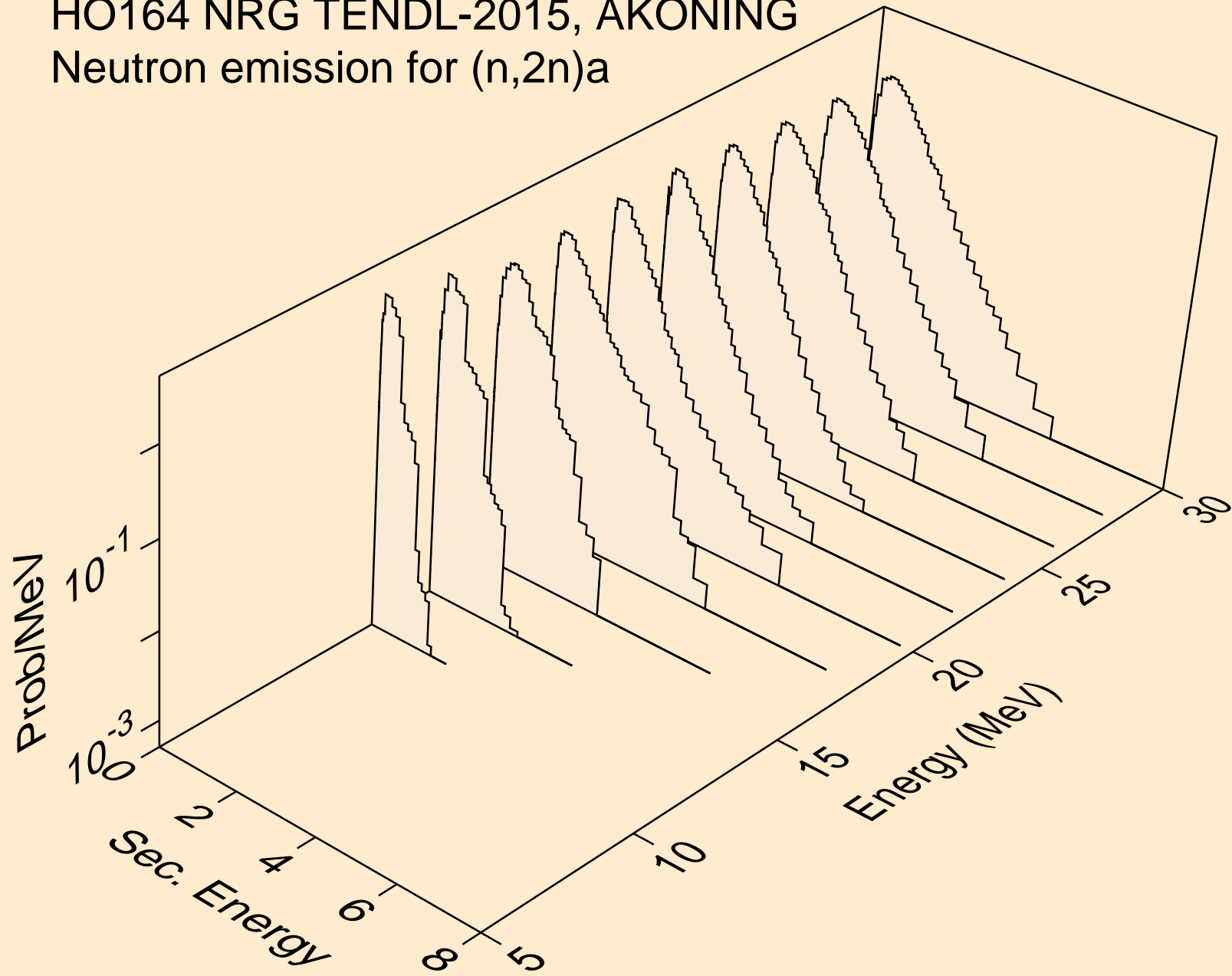
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



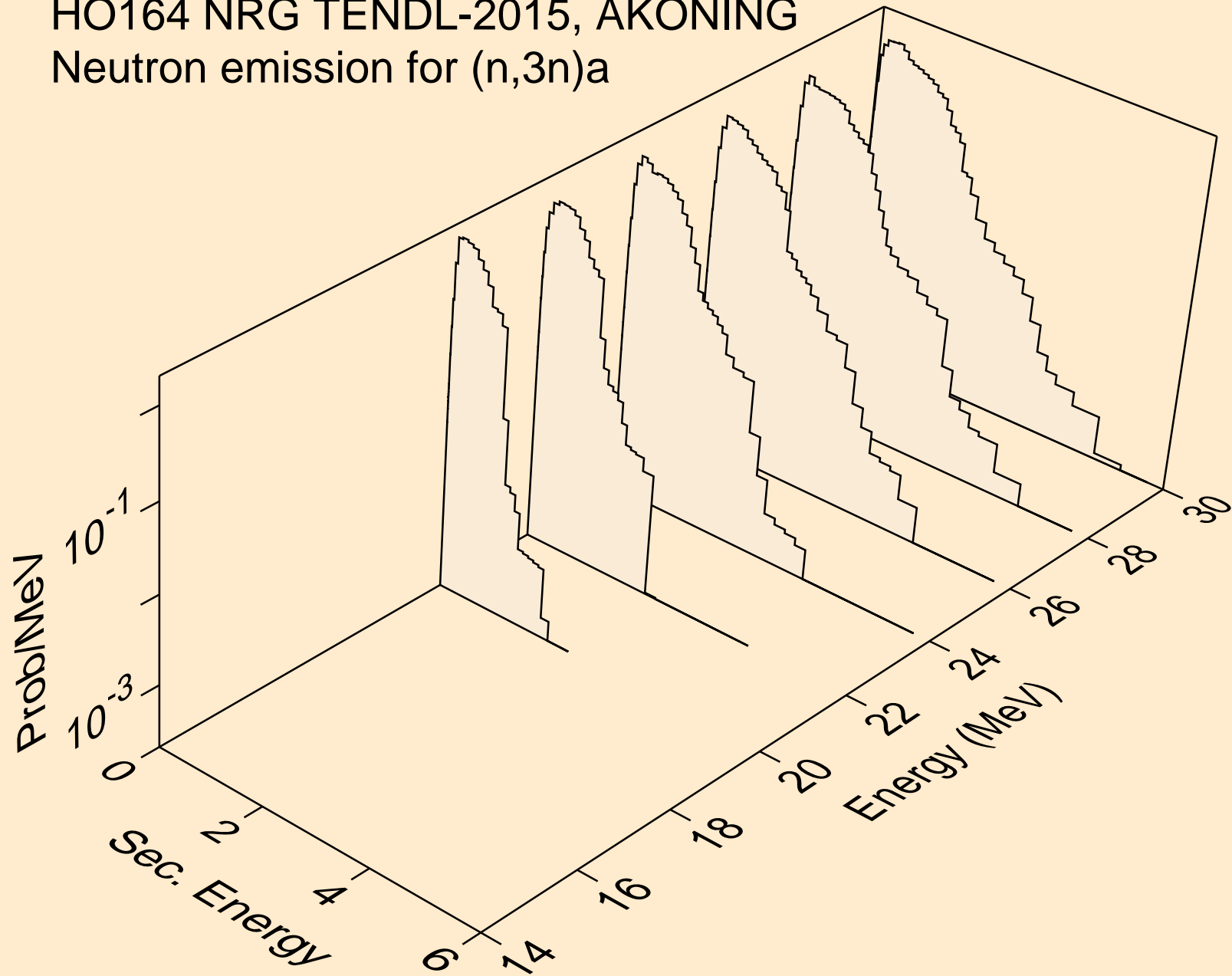
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



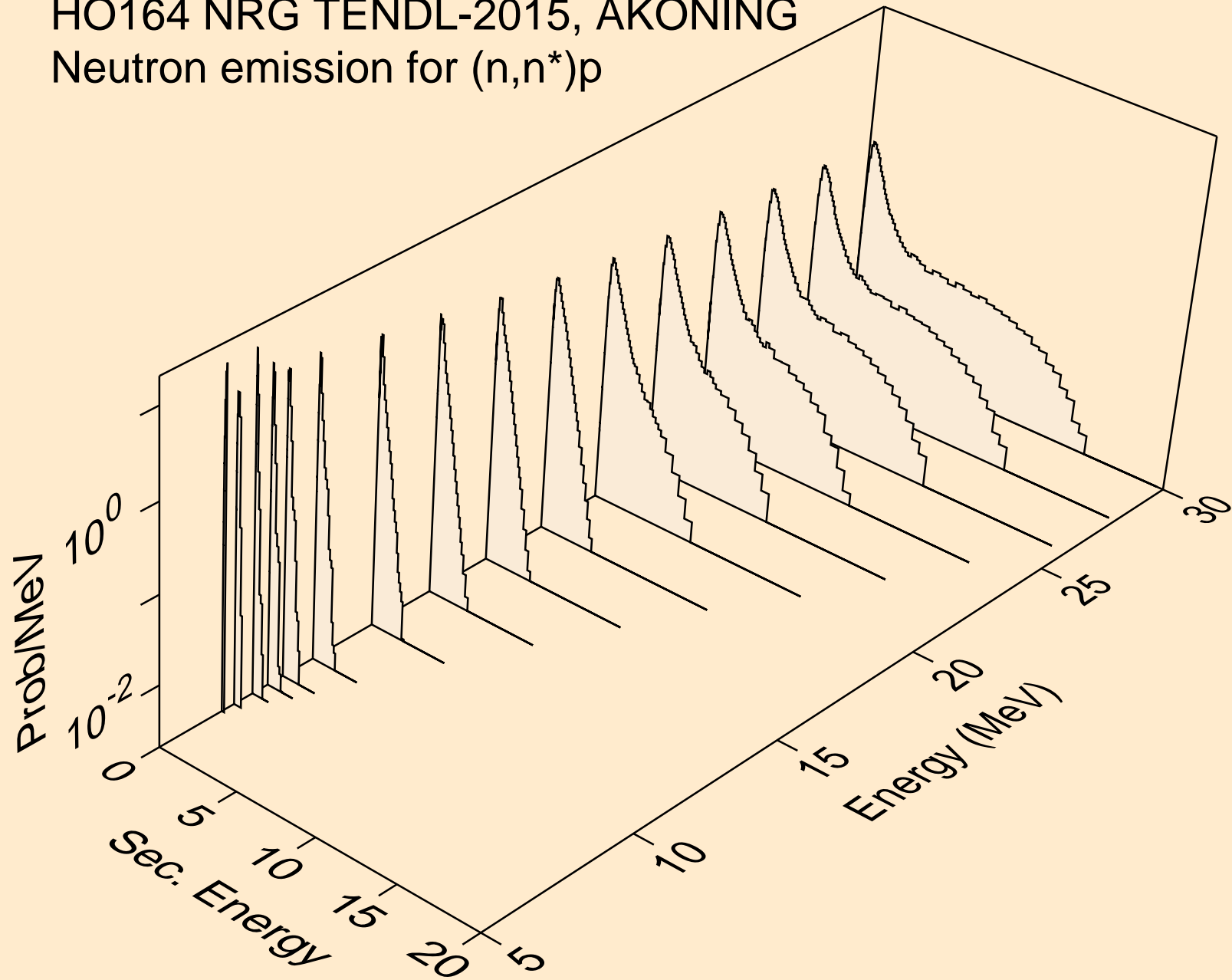
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



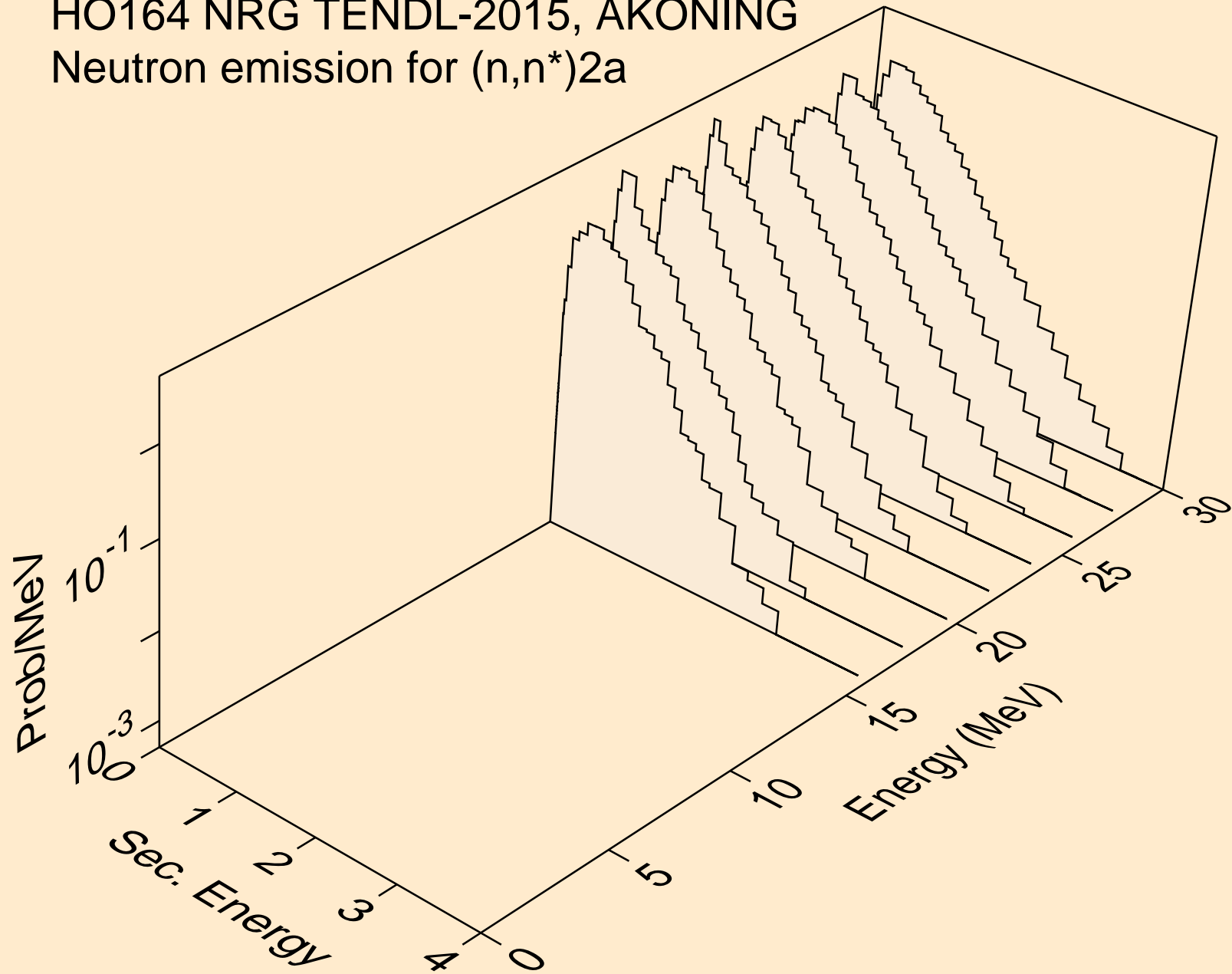
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



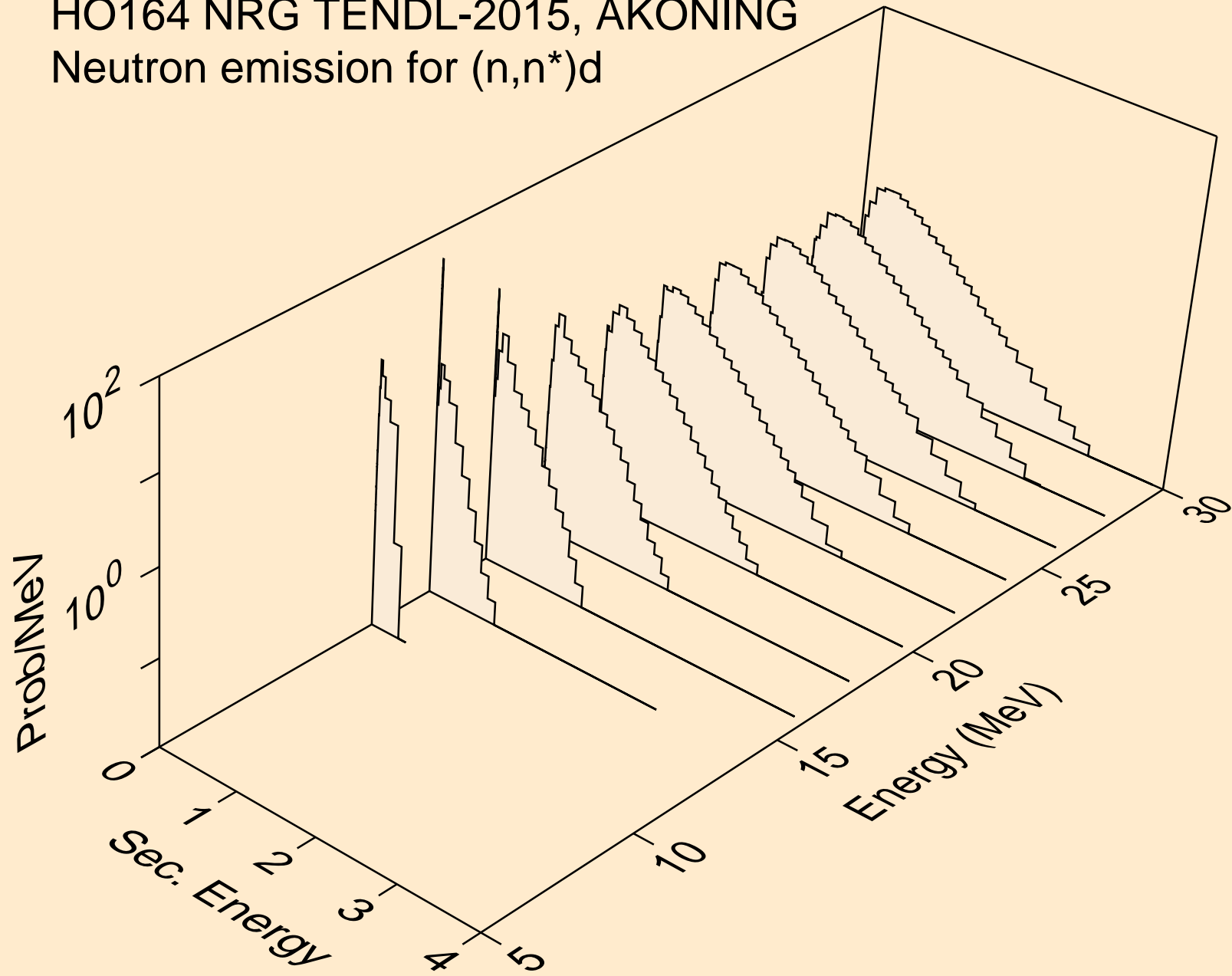
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

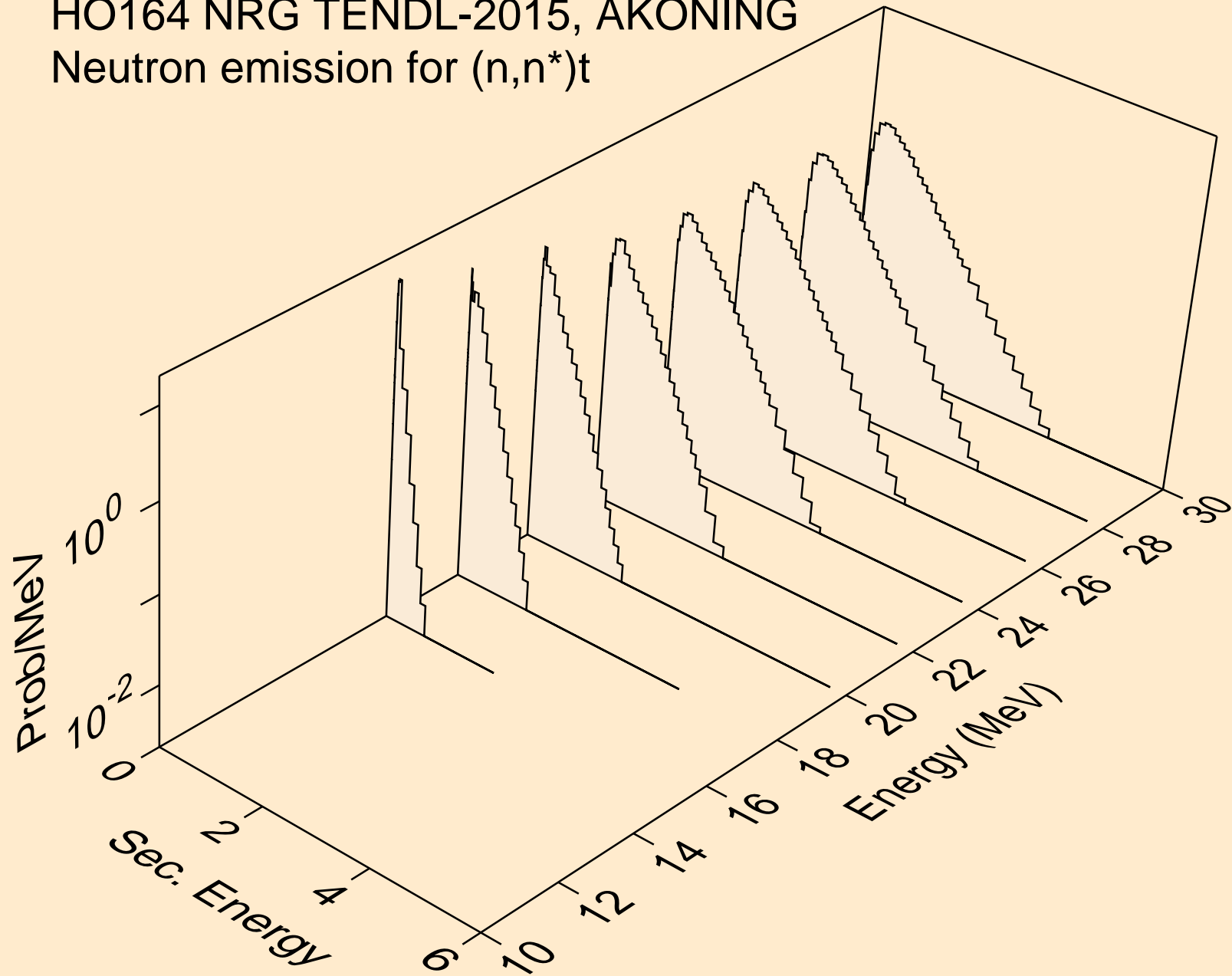


HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

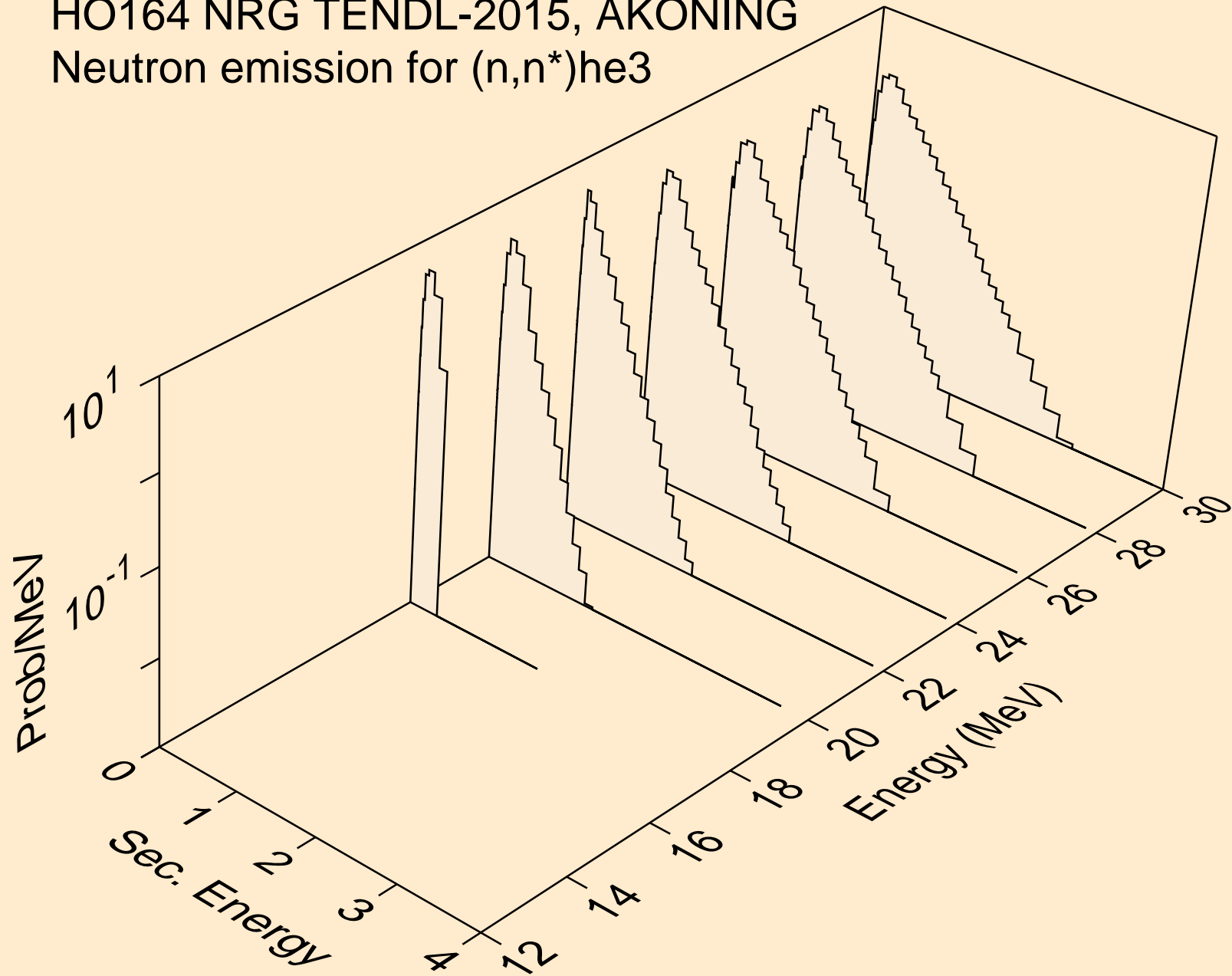




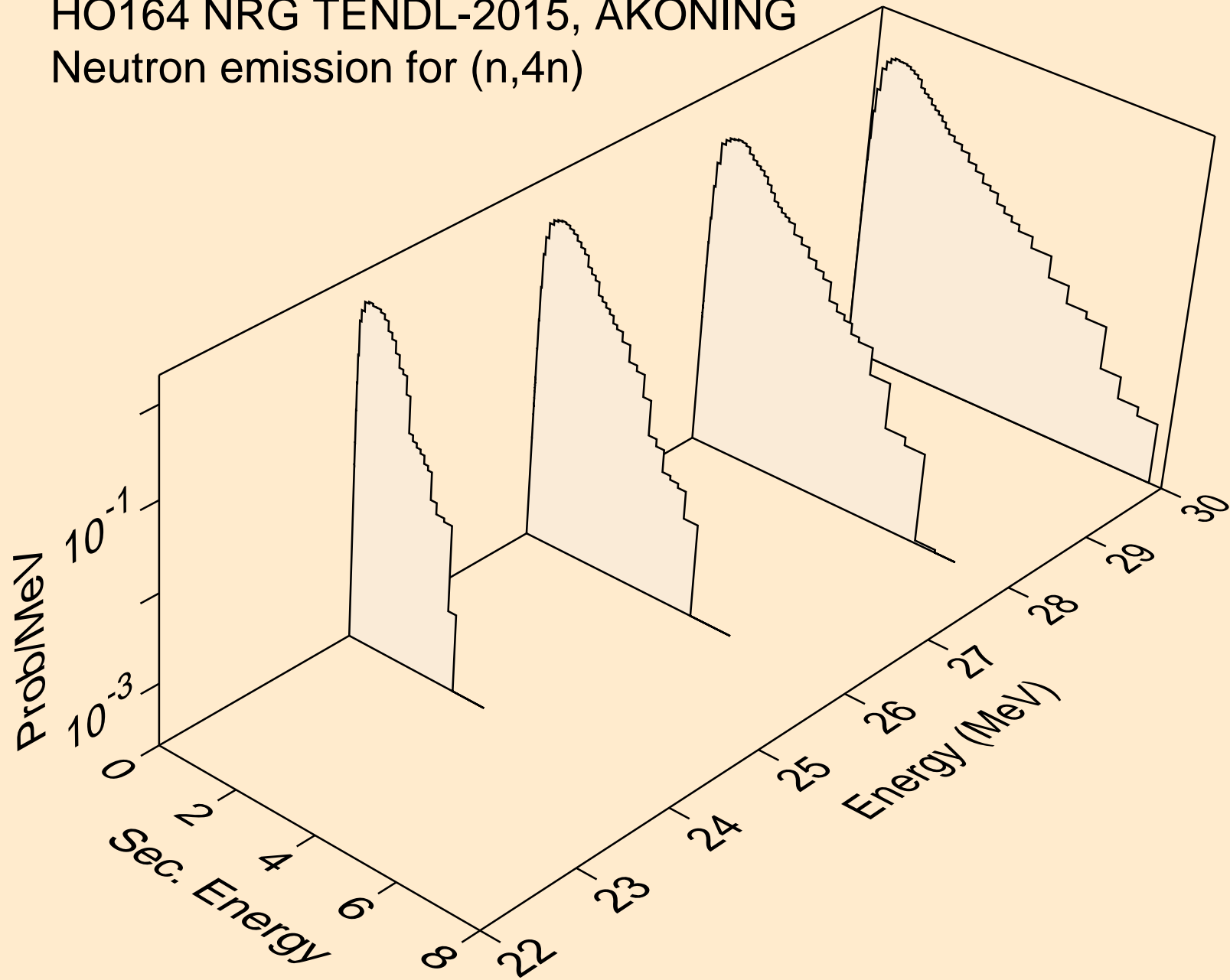
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



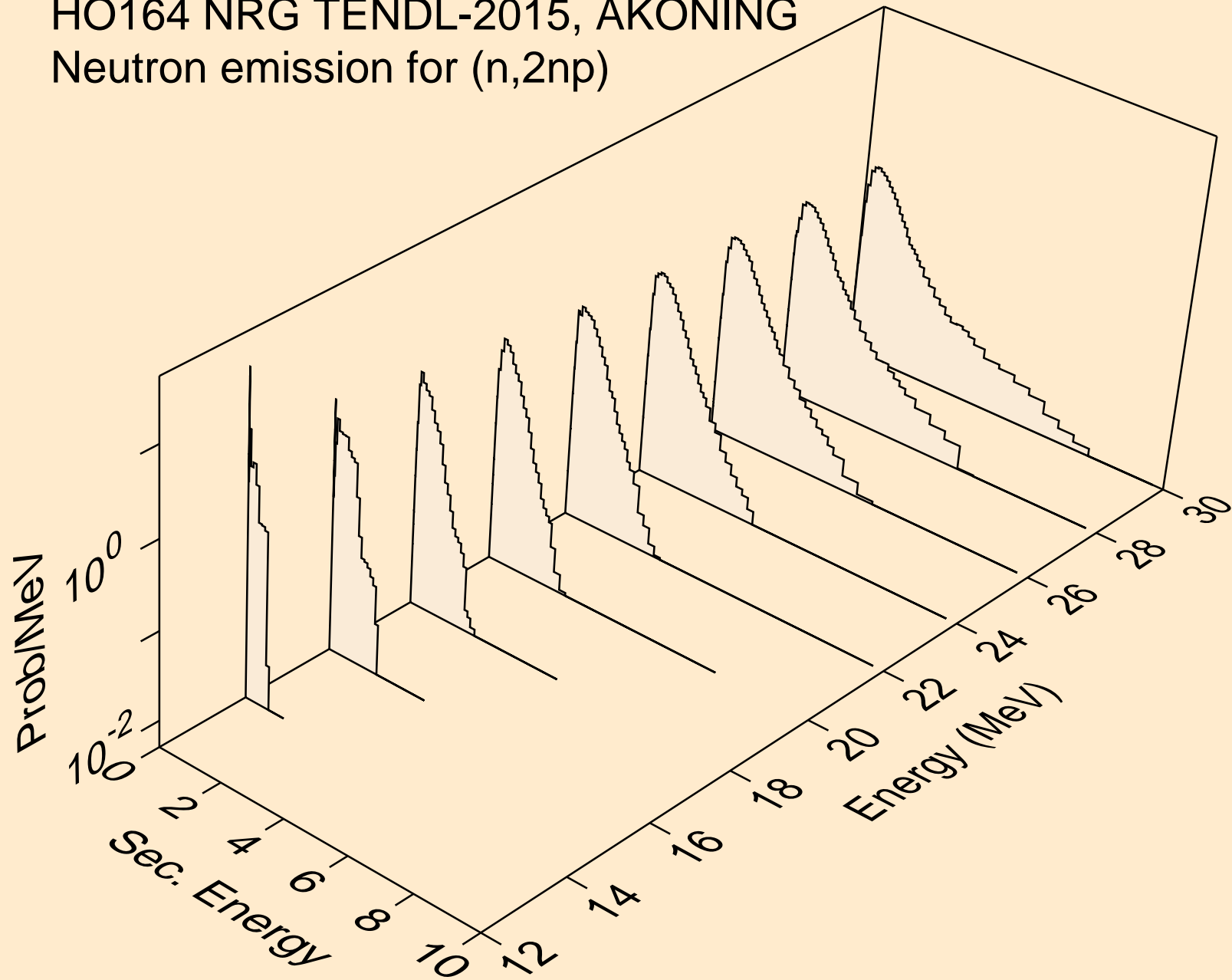
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



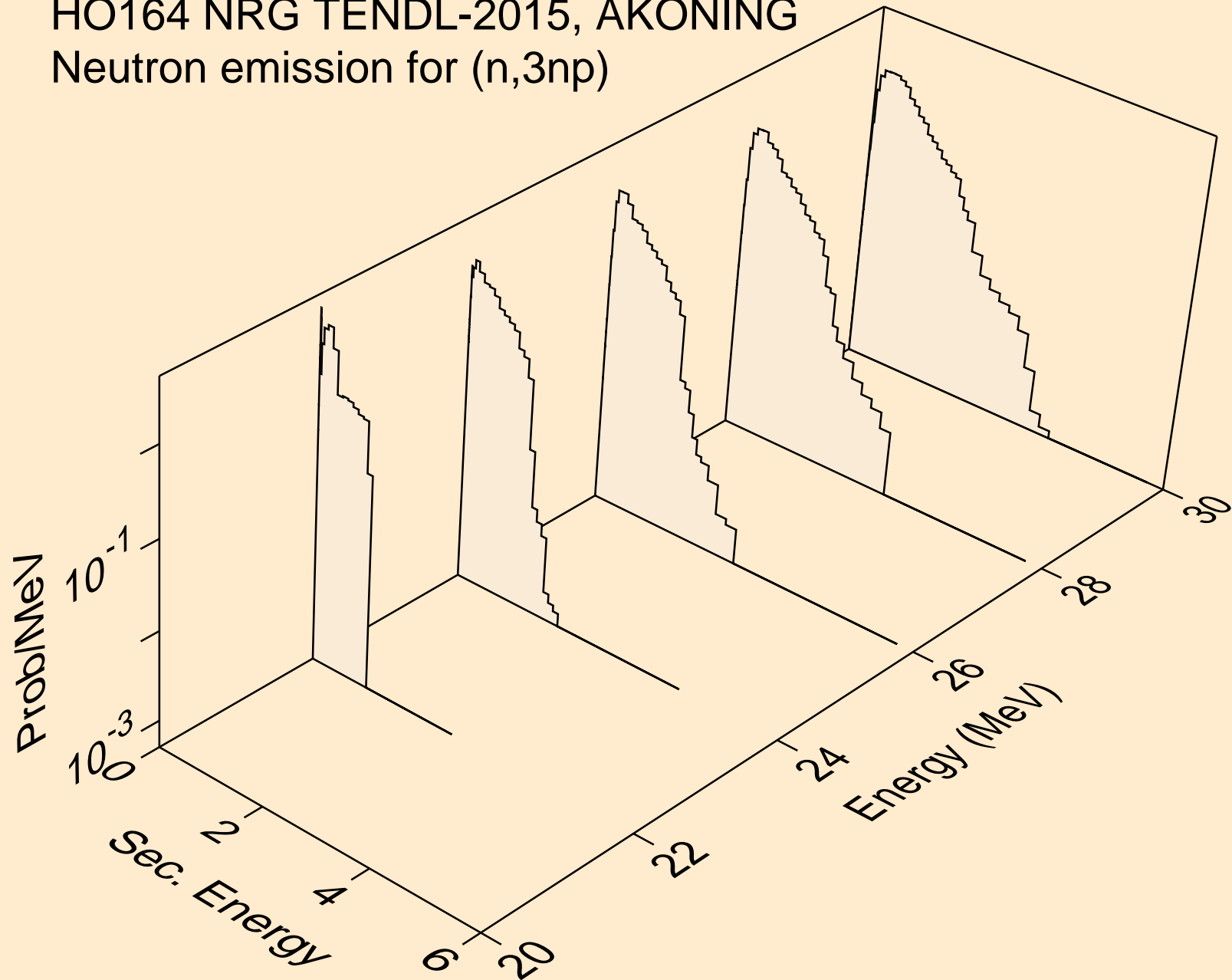
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



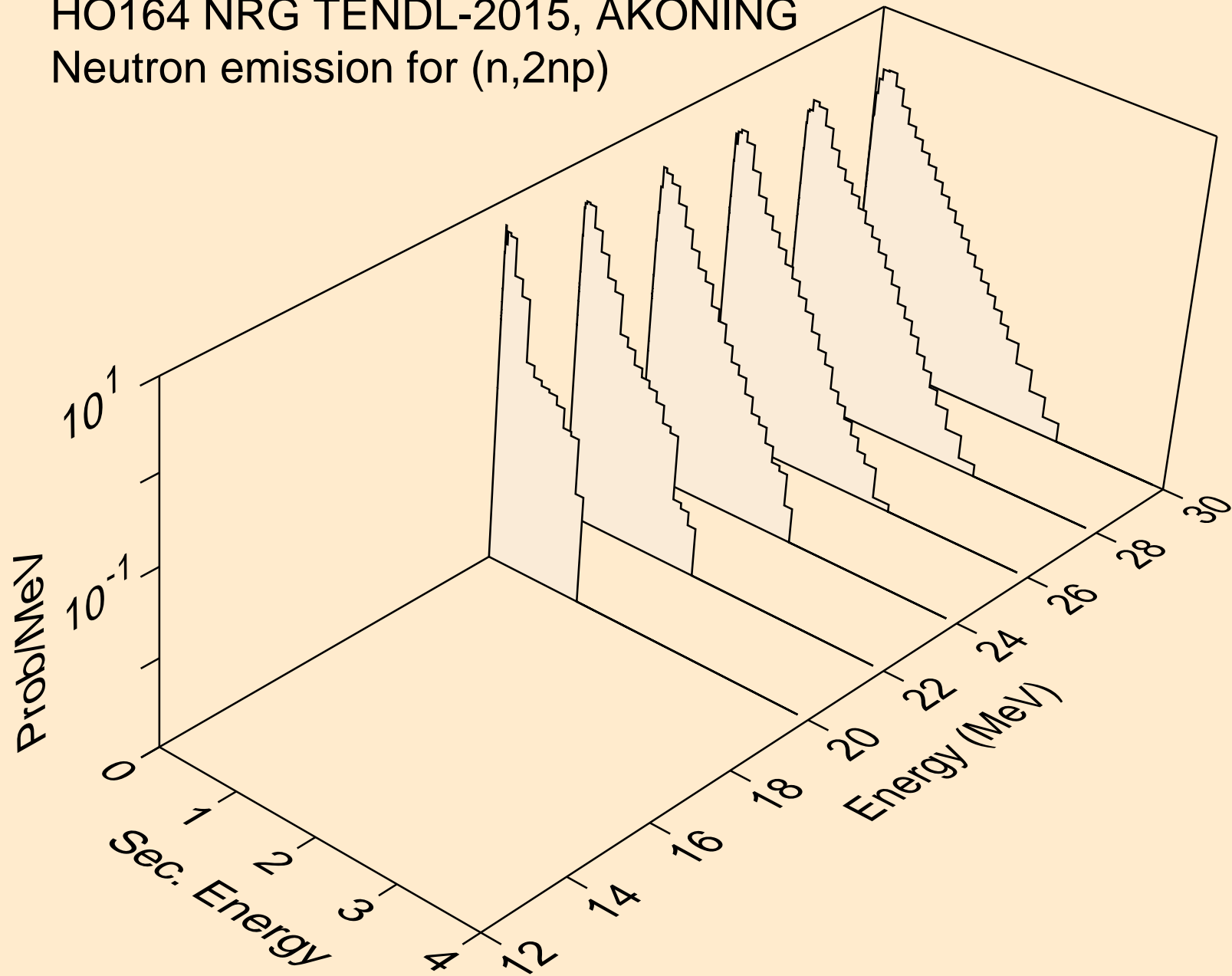
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



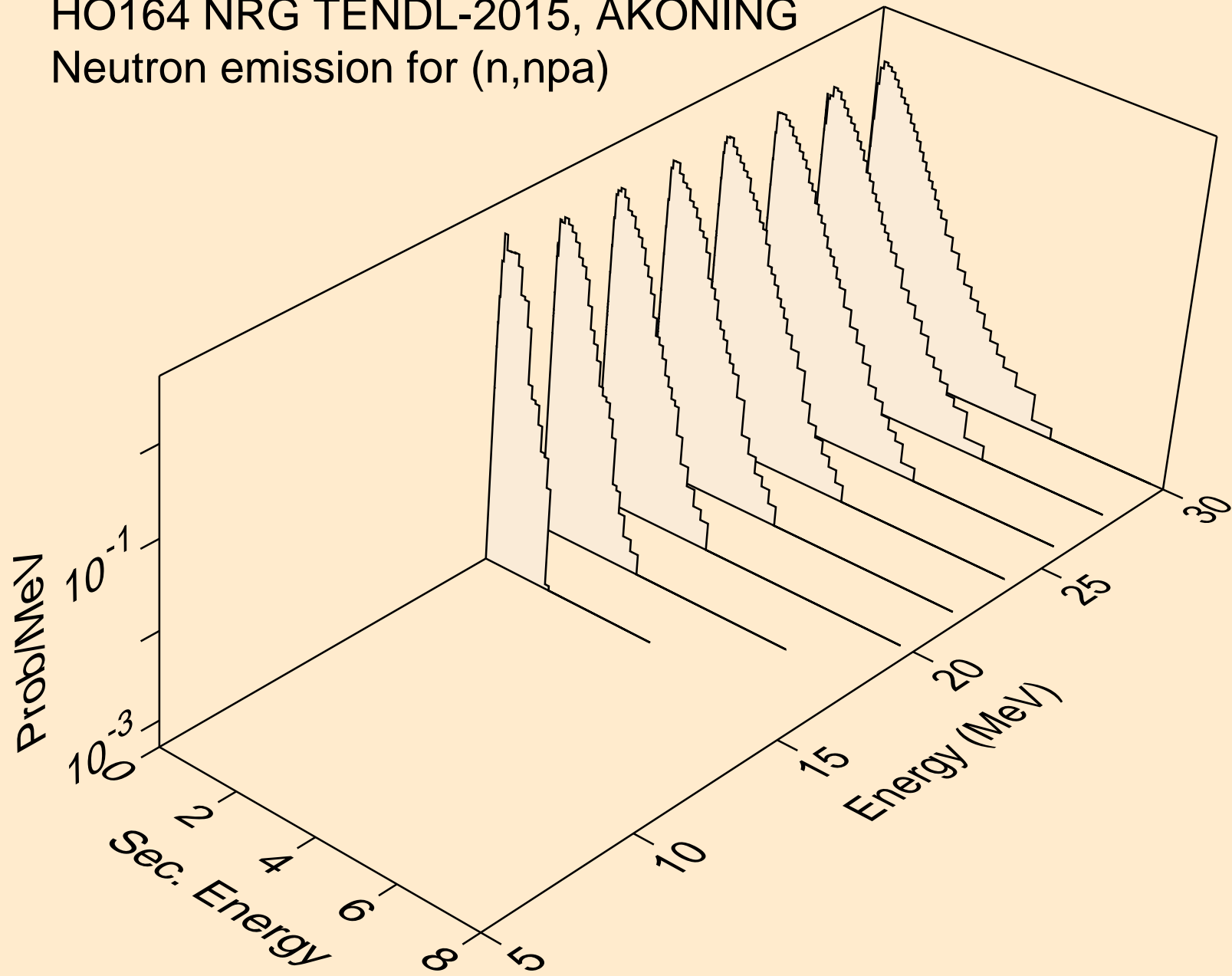
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



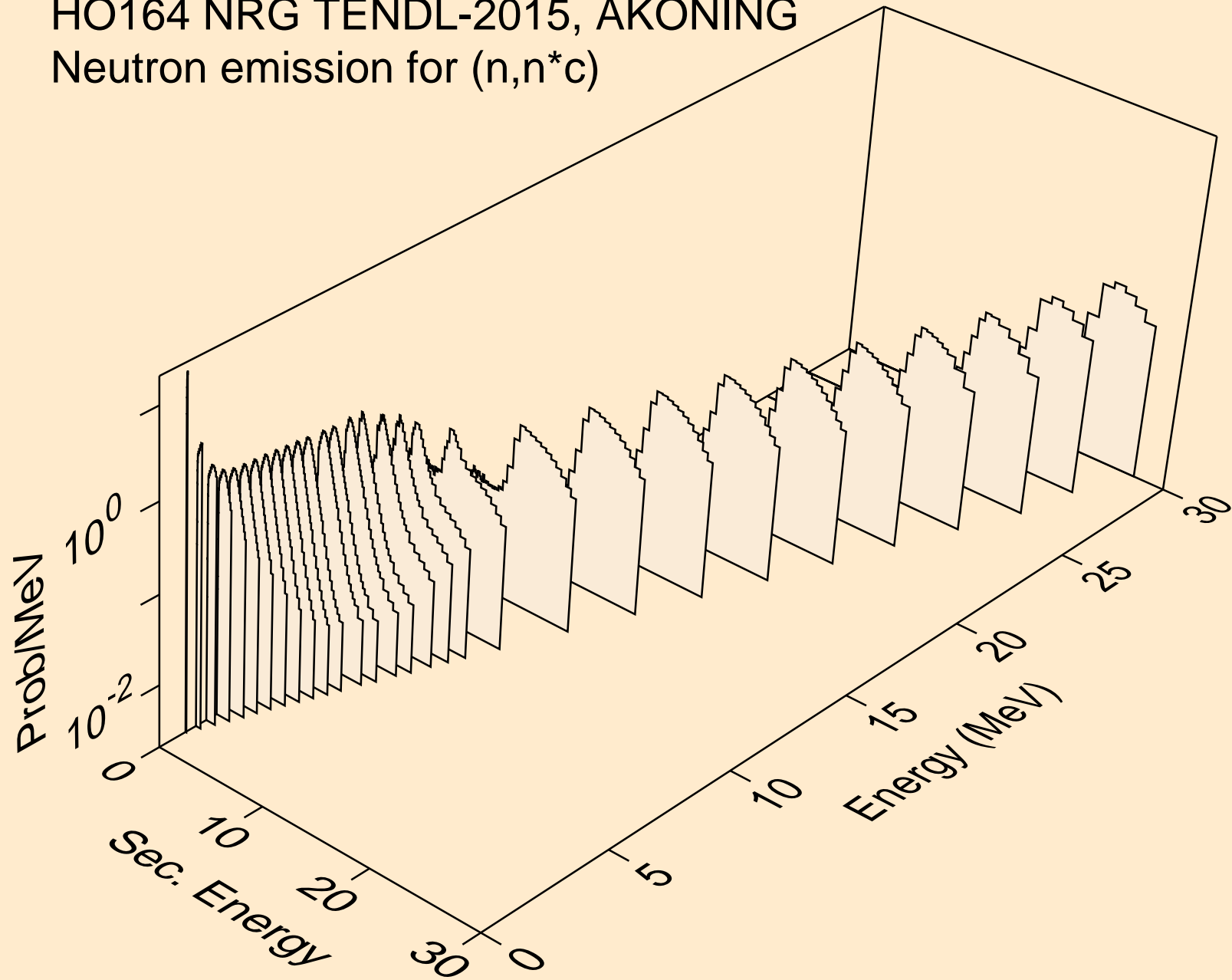
HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

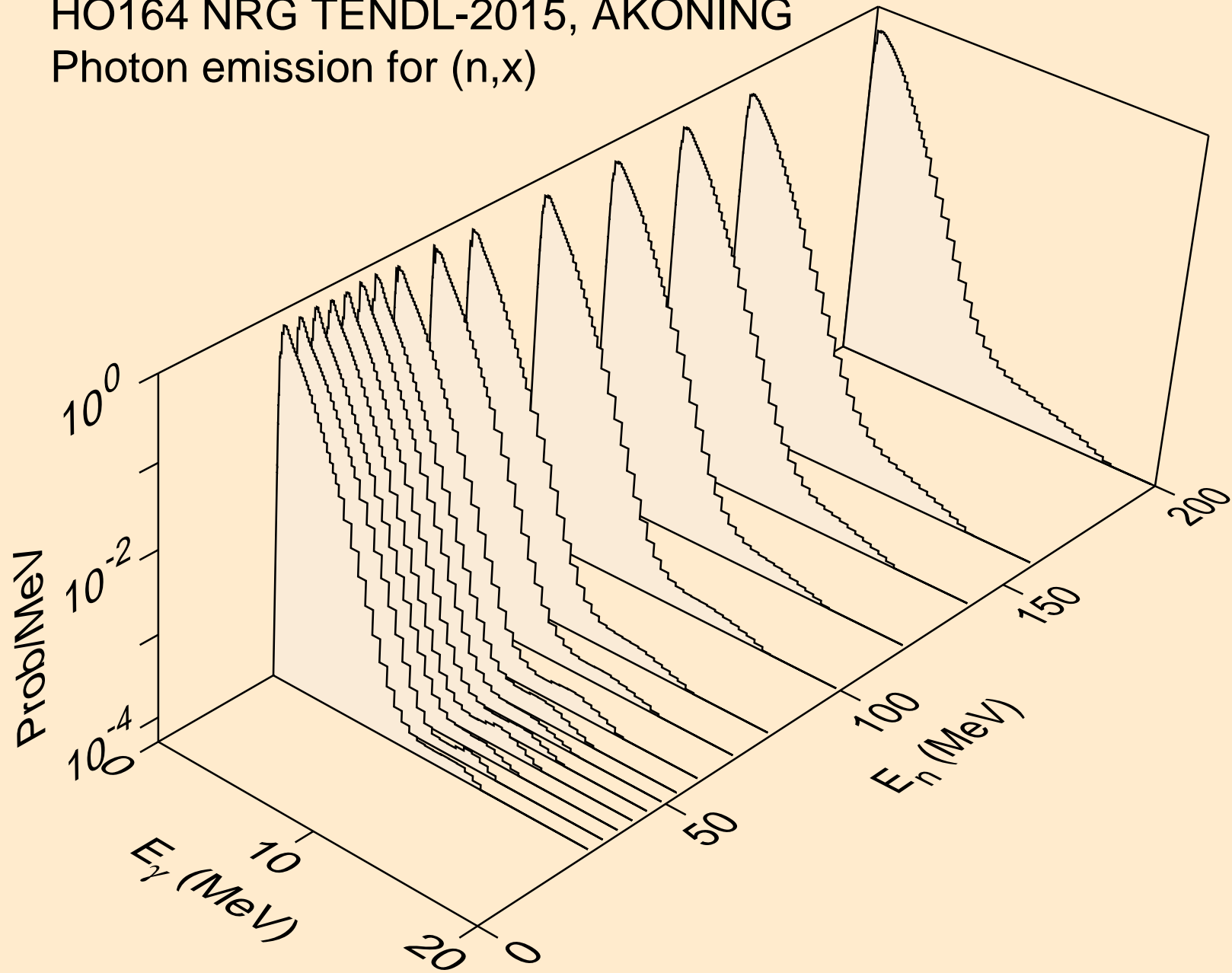


HO164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

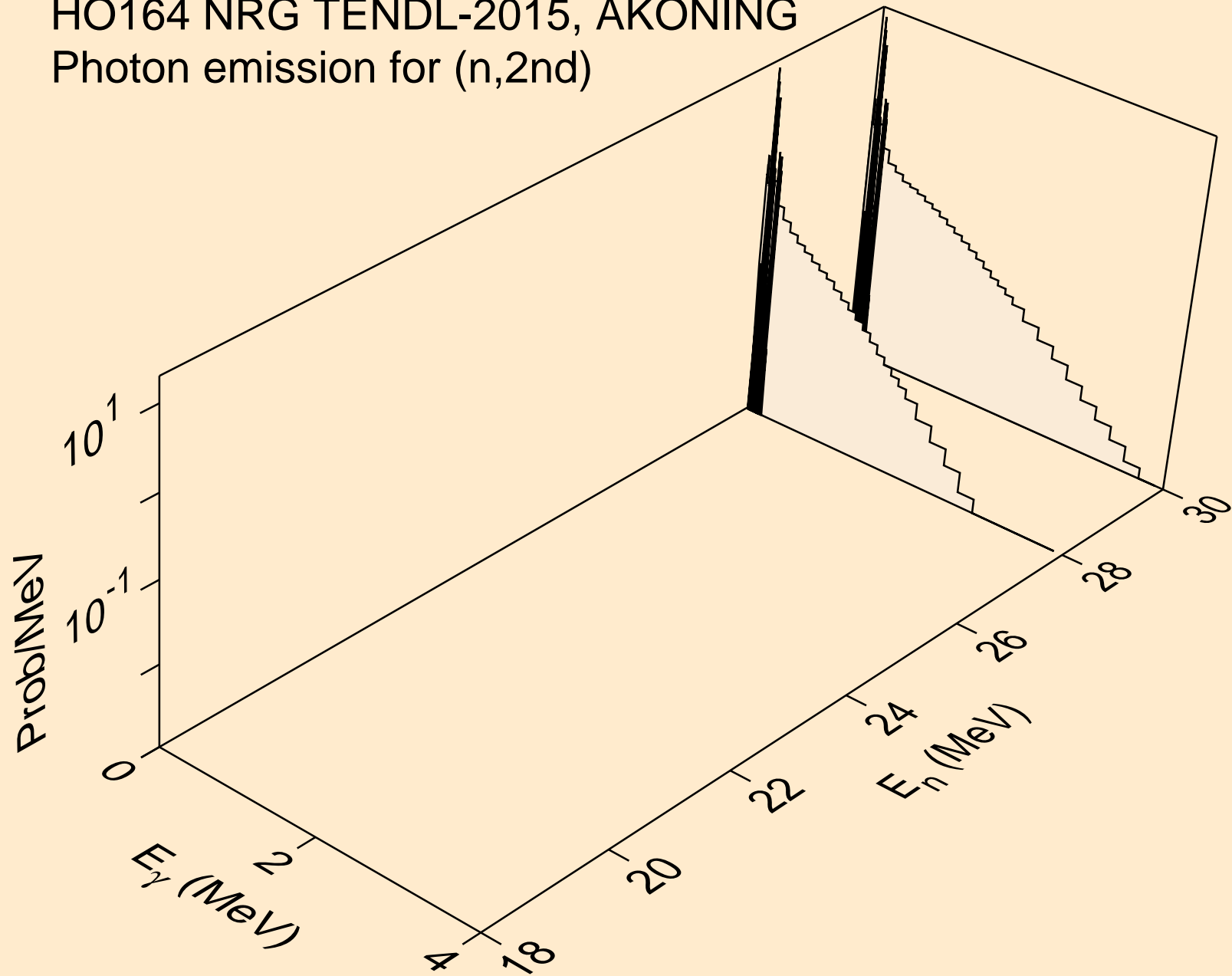




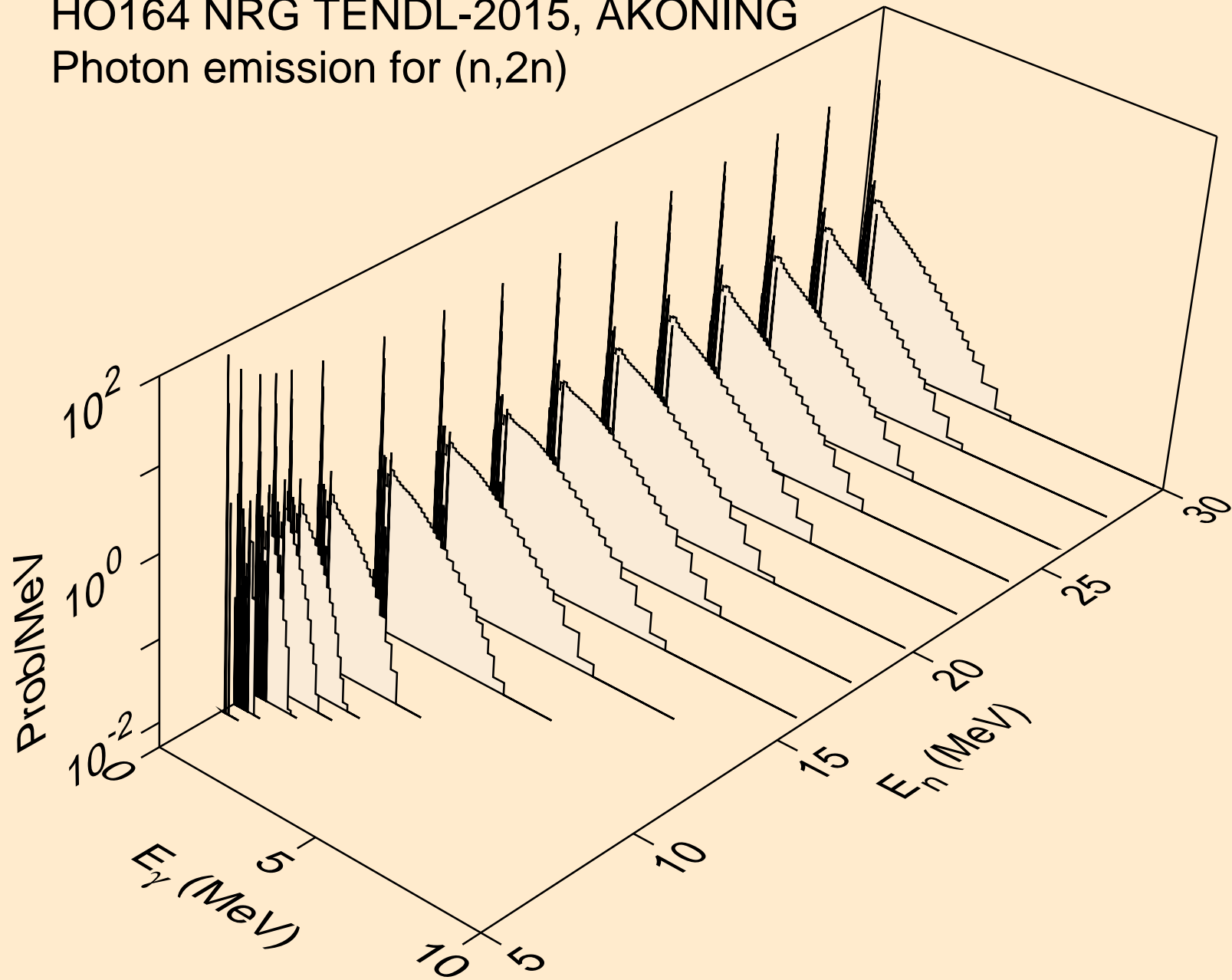
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



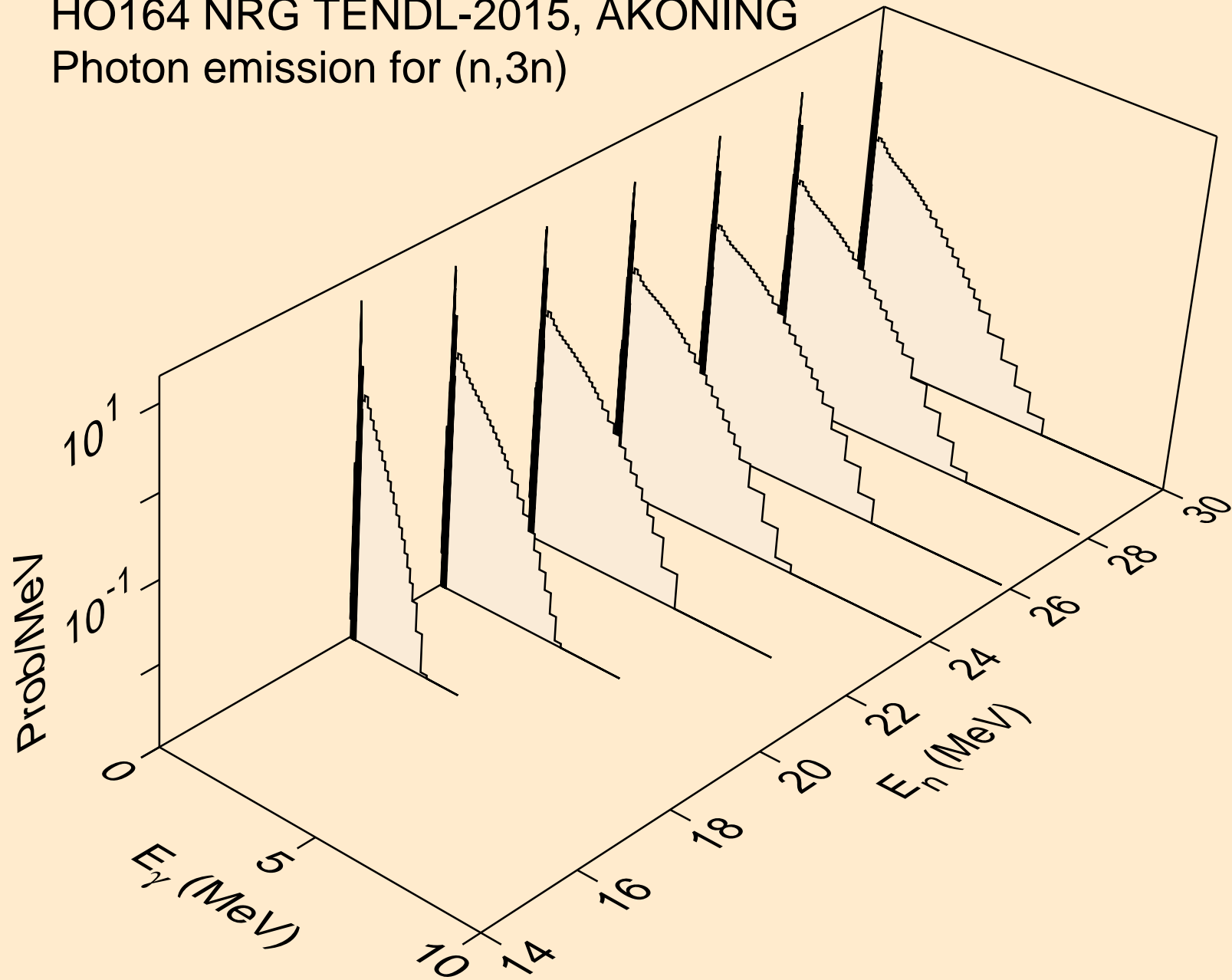
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



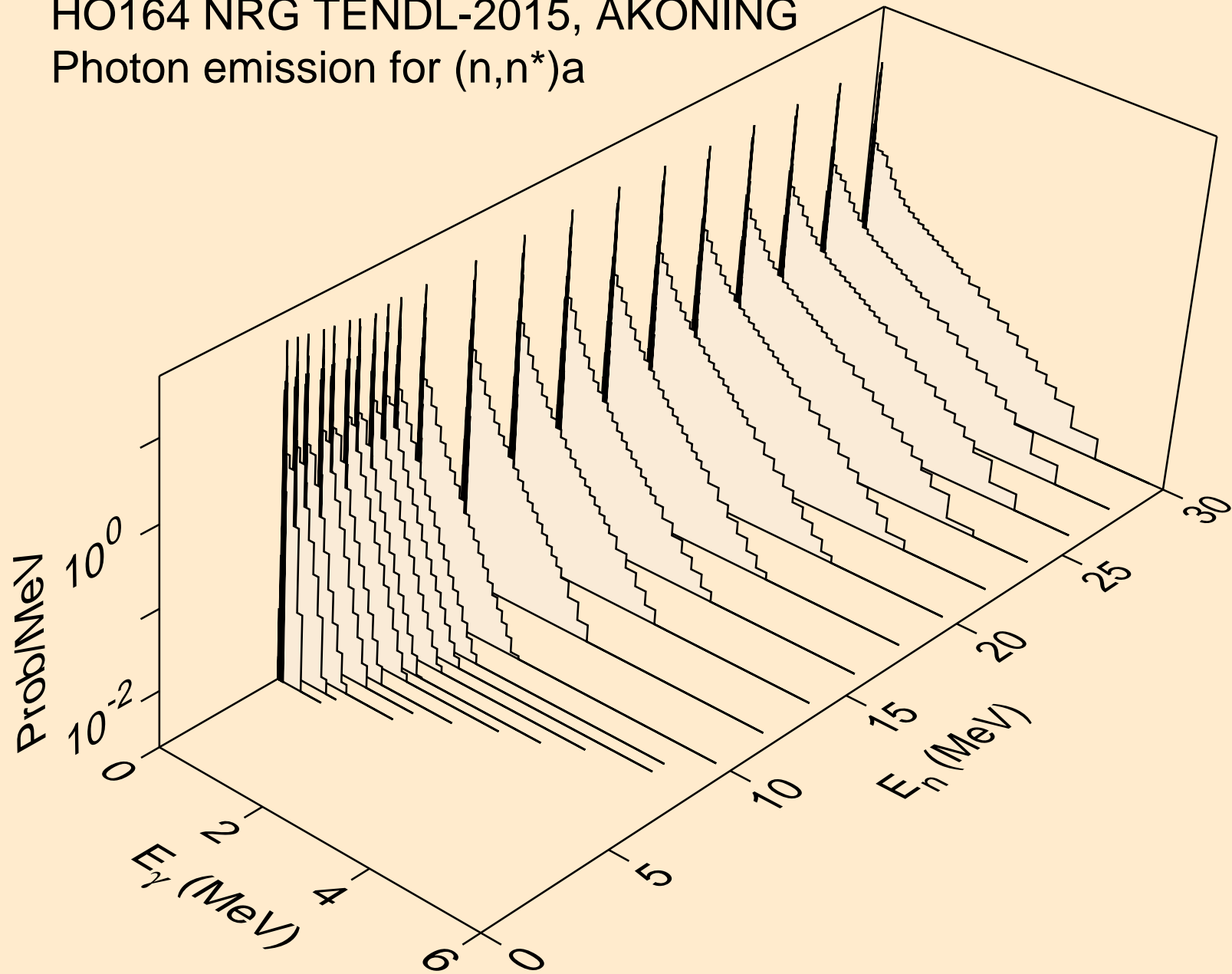
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



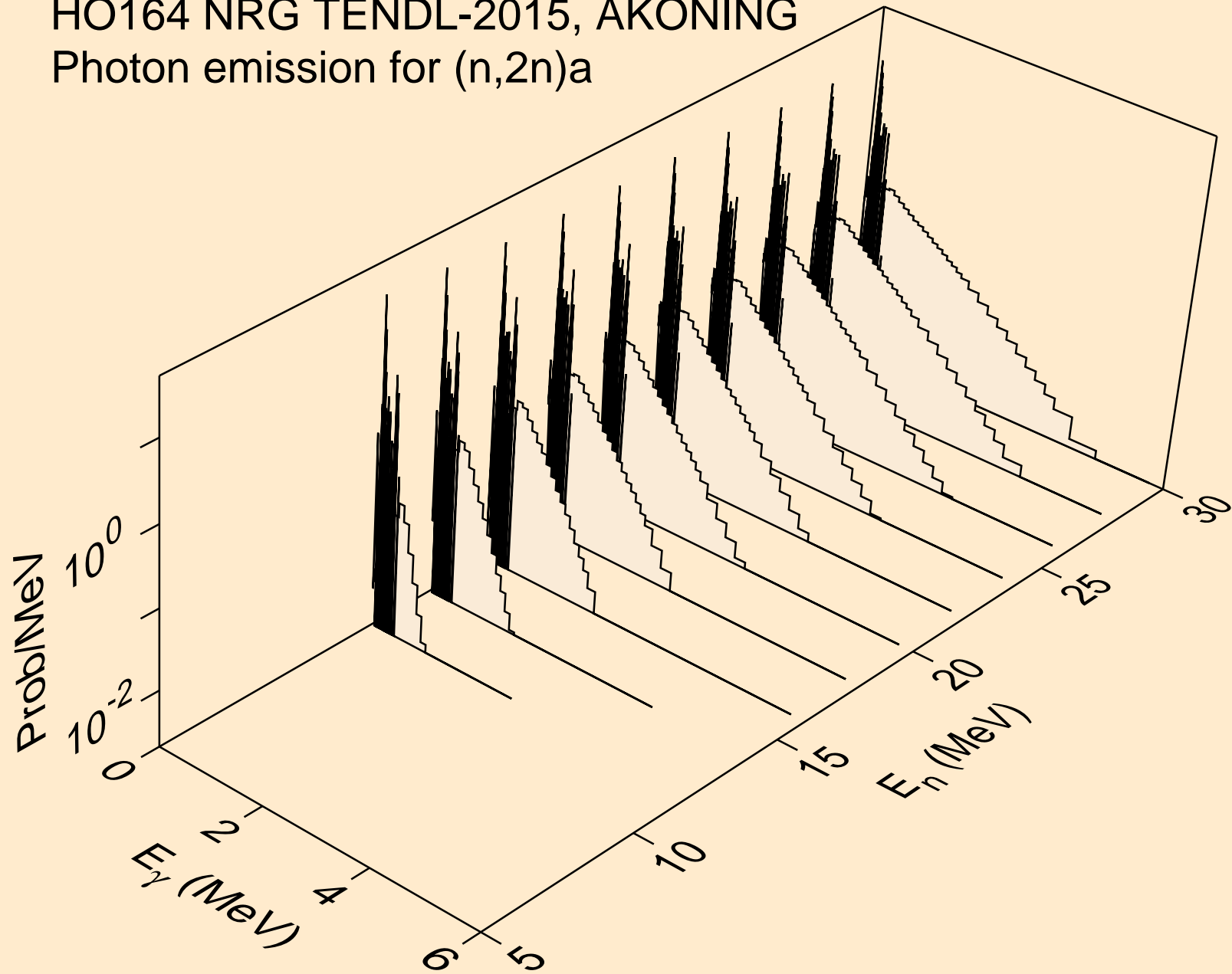
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



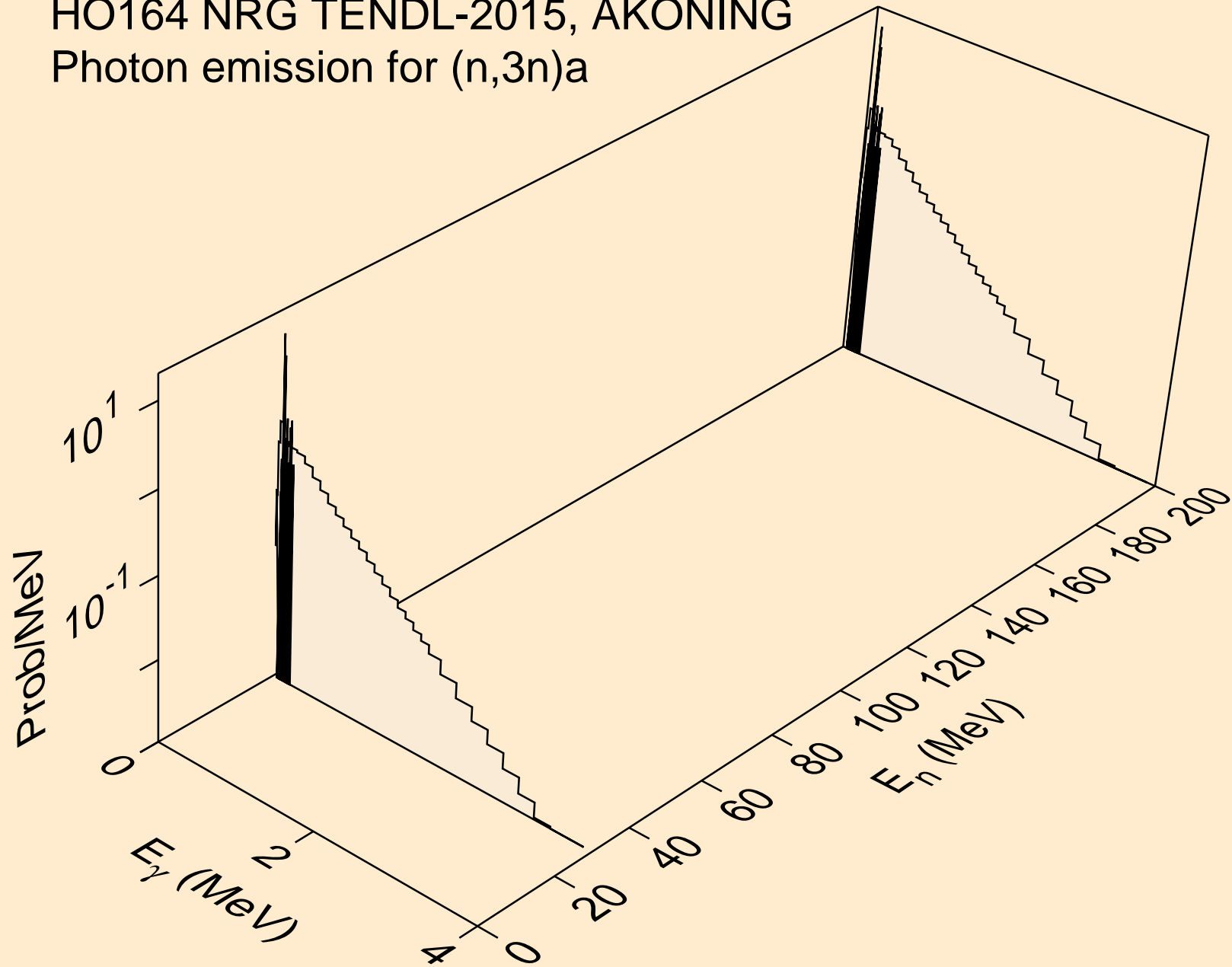
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



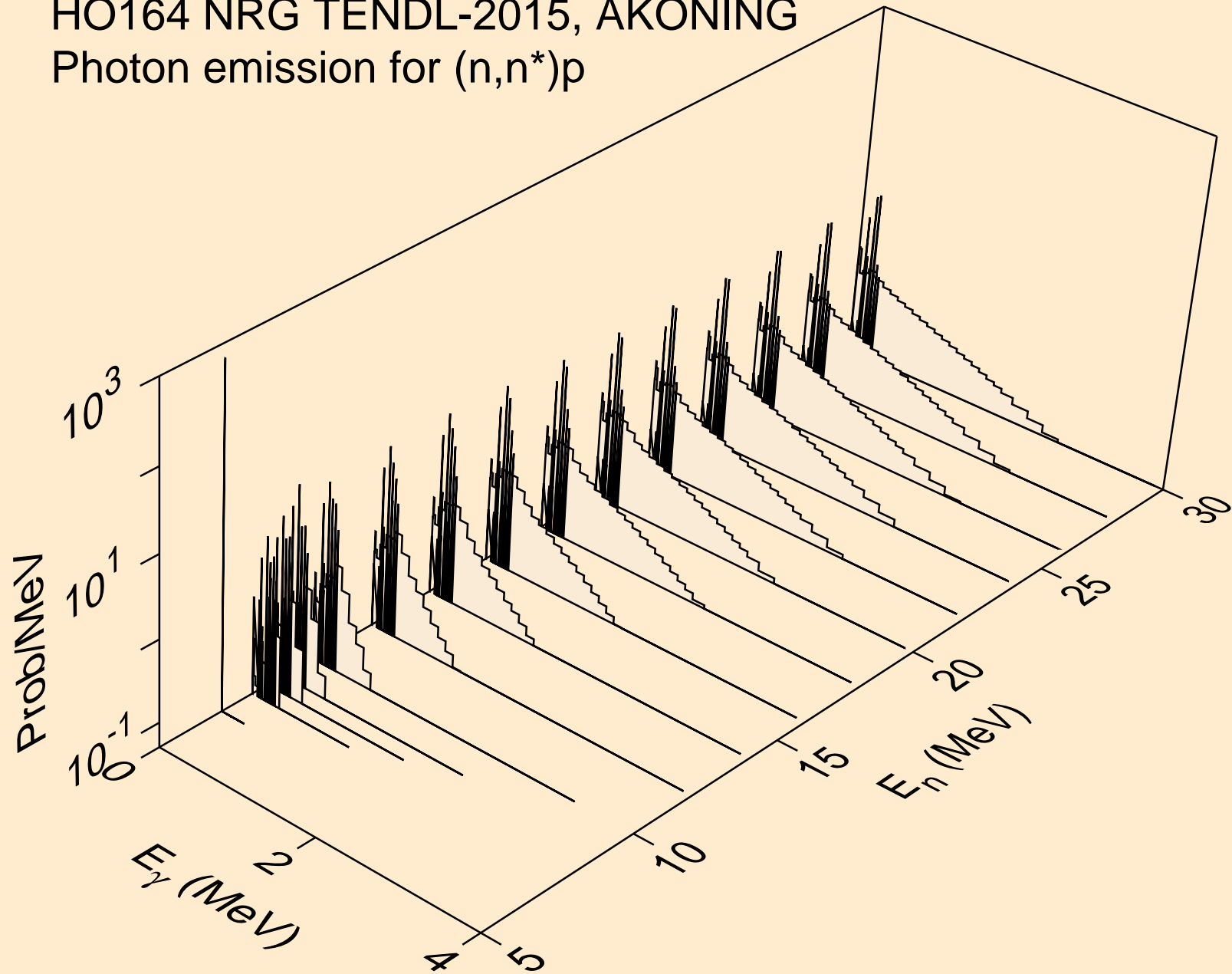
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

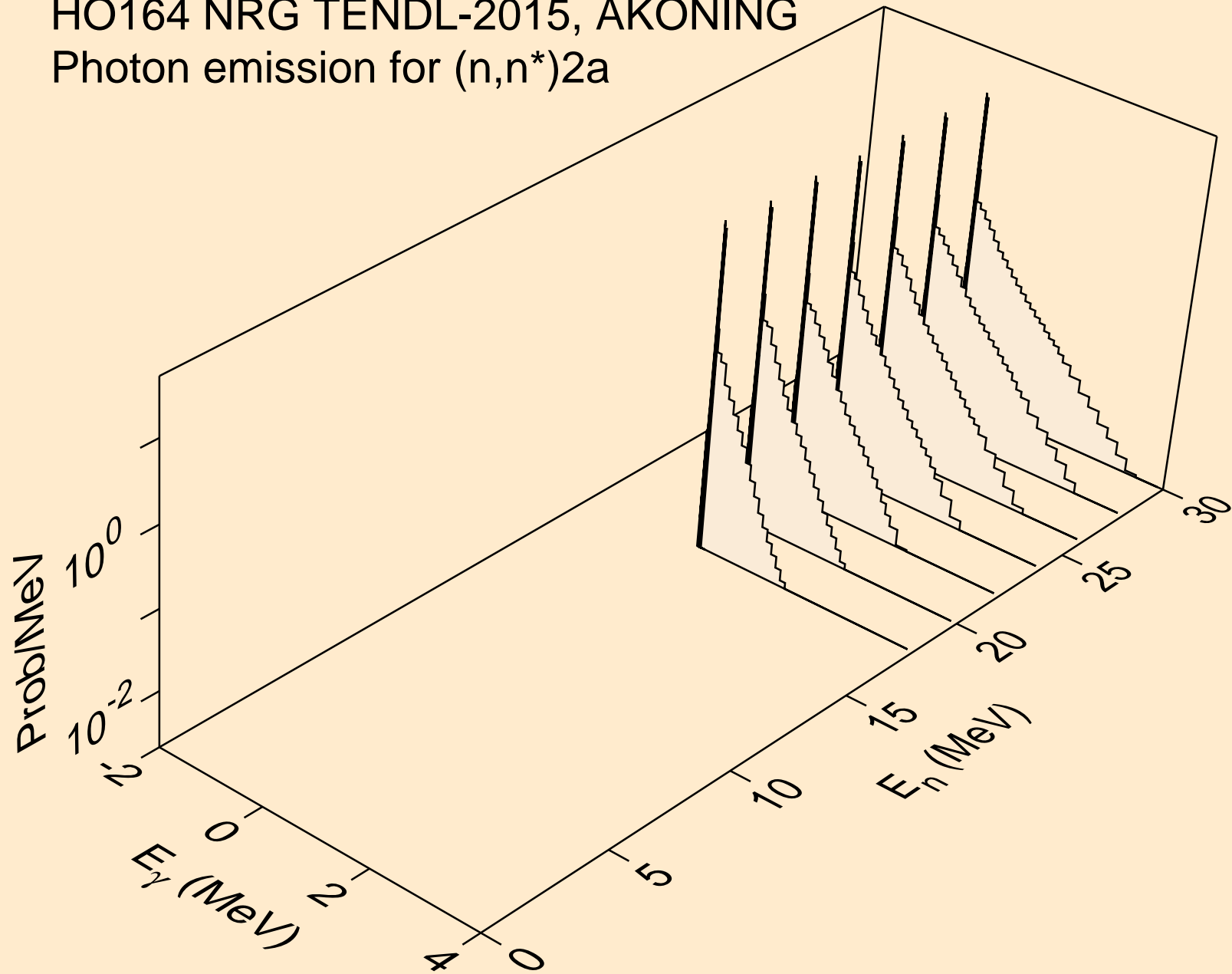


HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

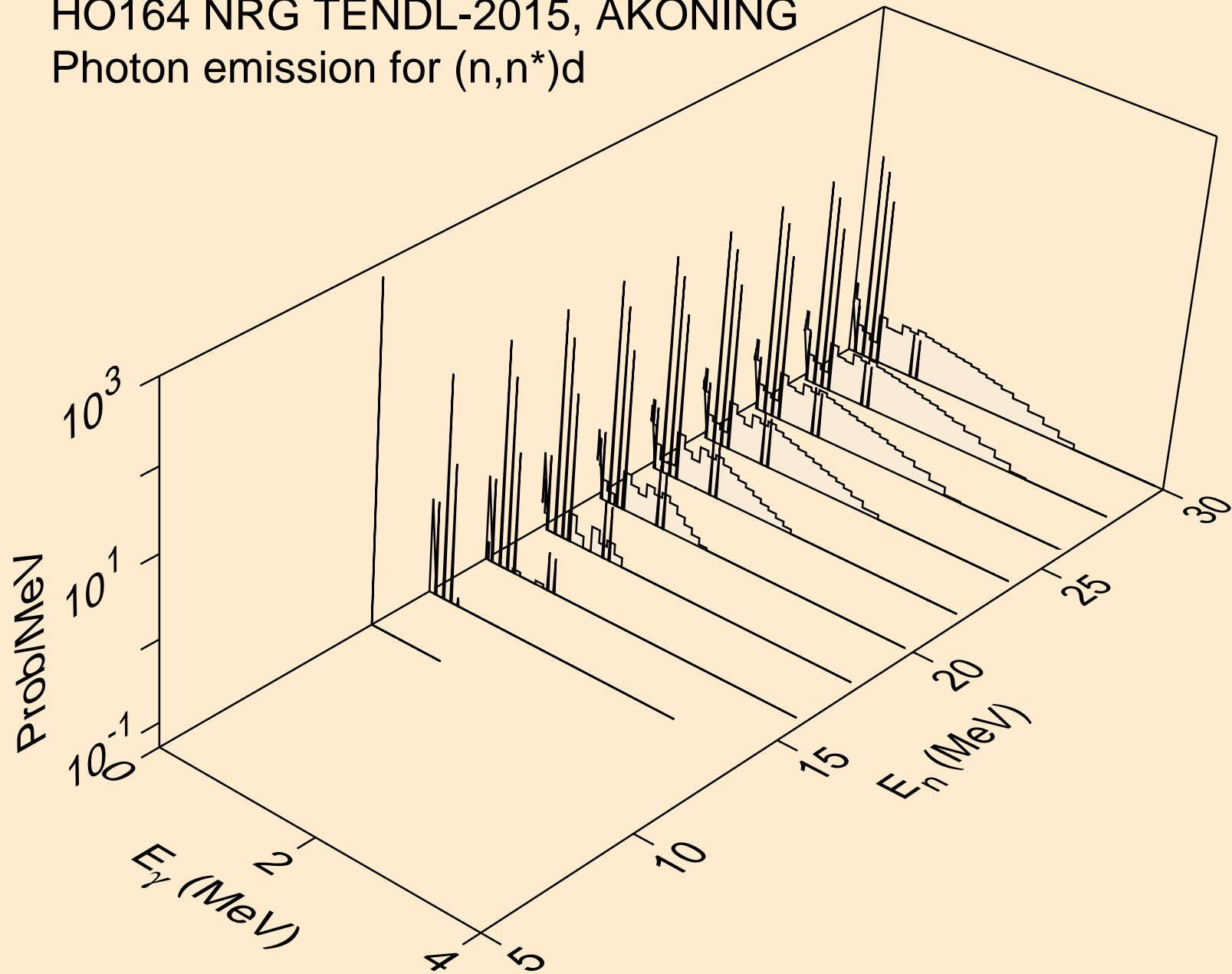




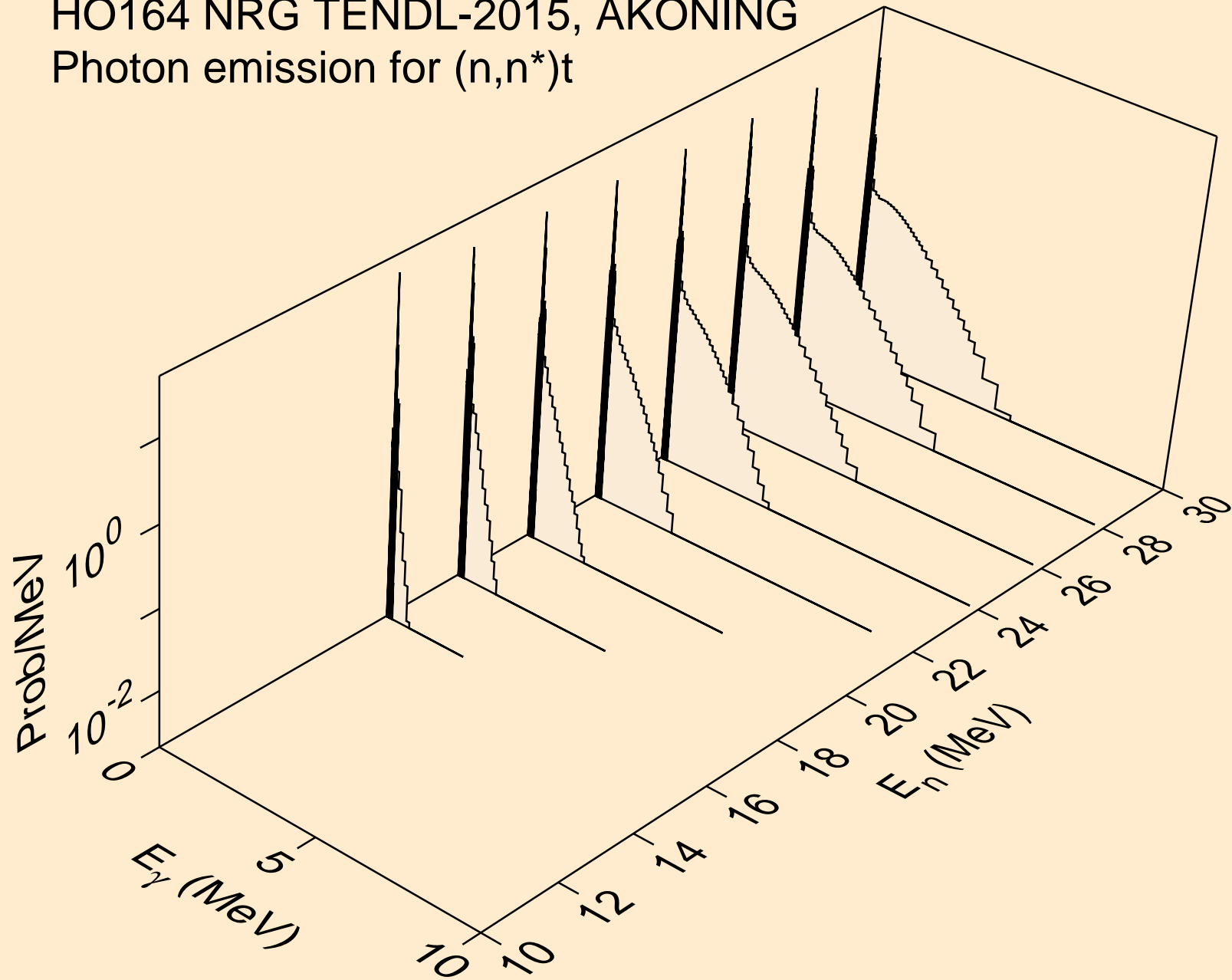
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



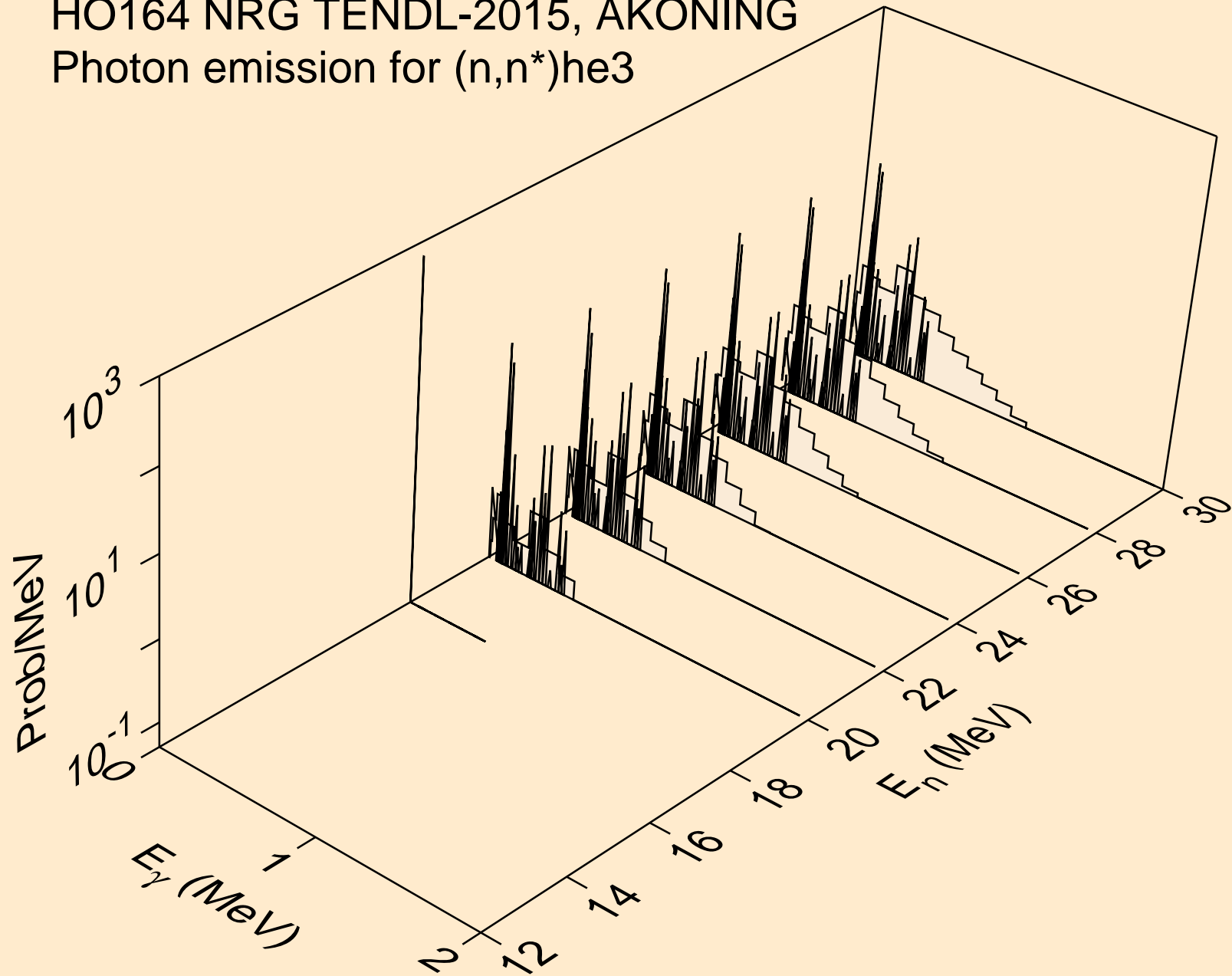
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



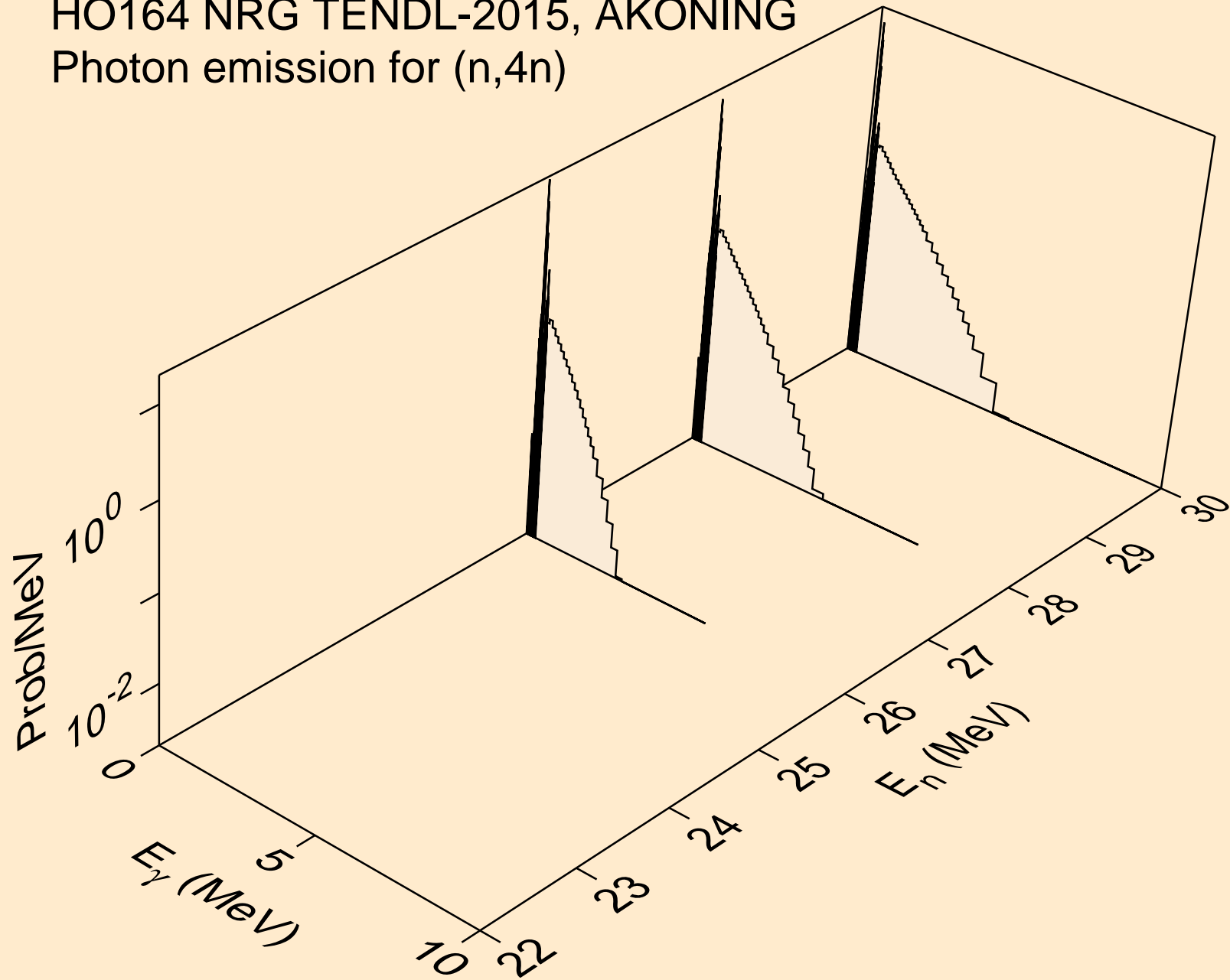
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



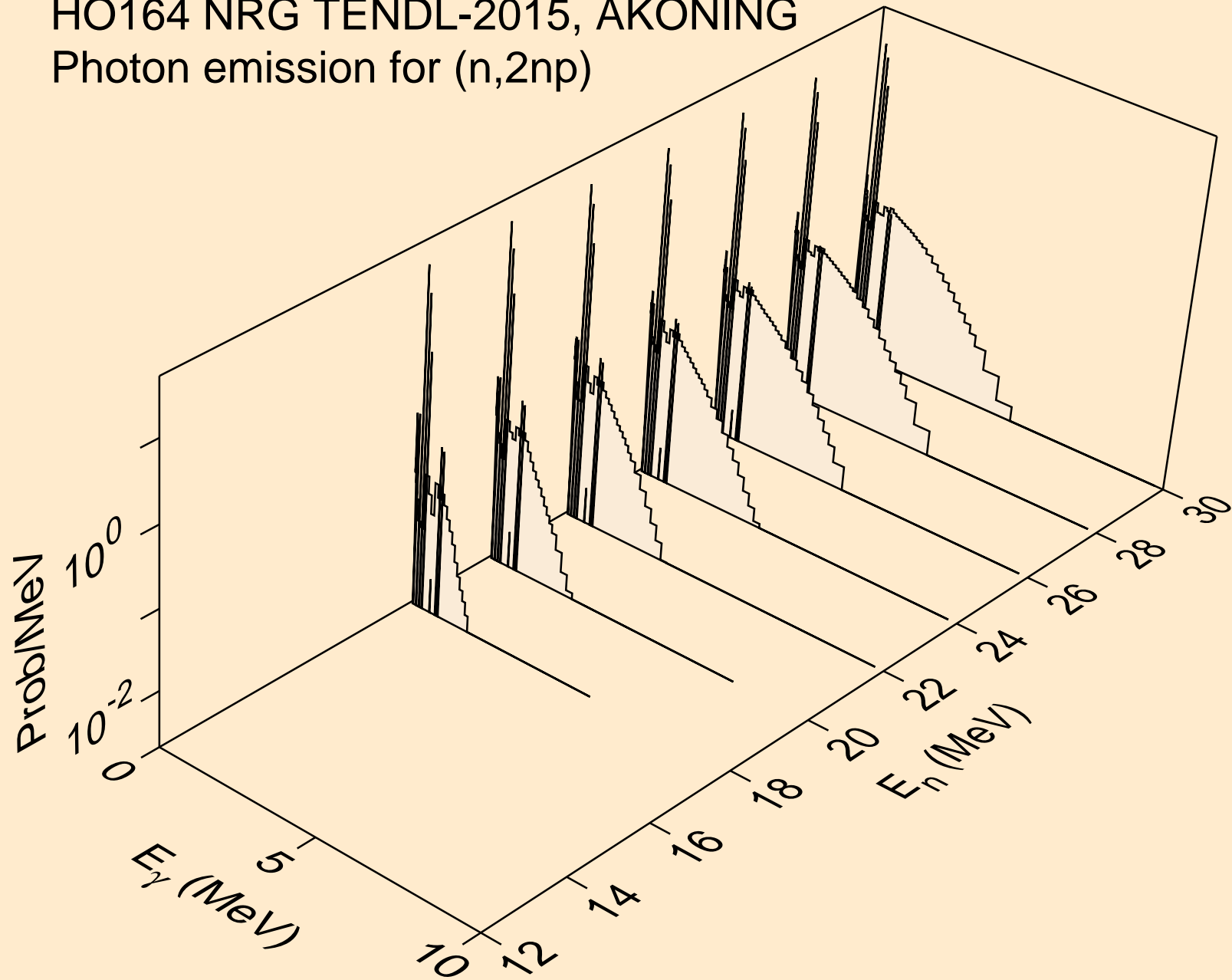
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



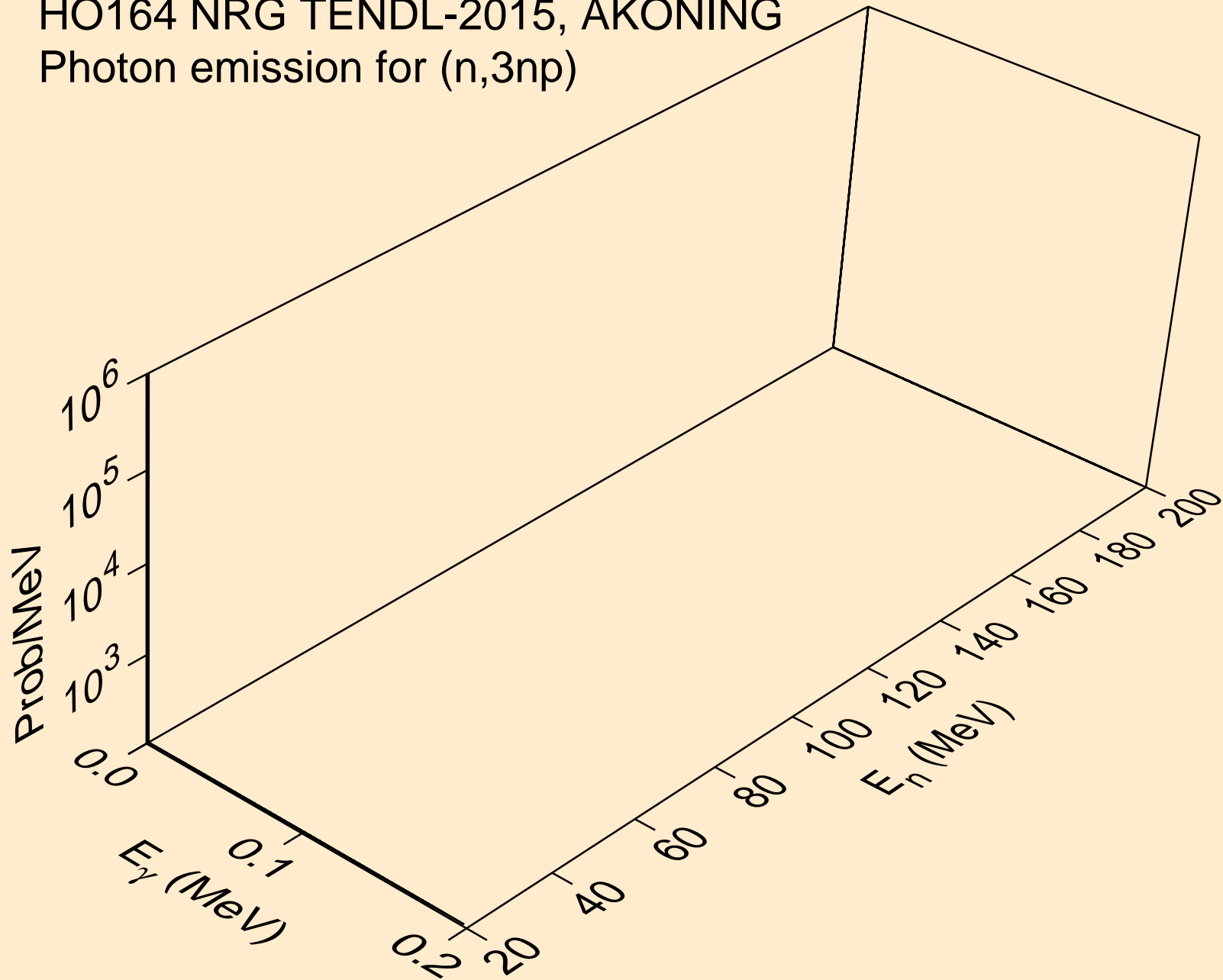
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



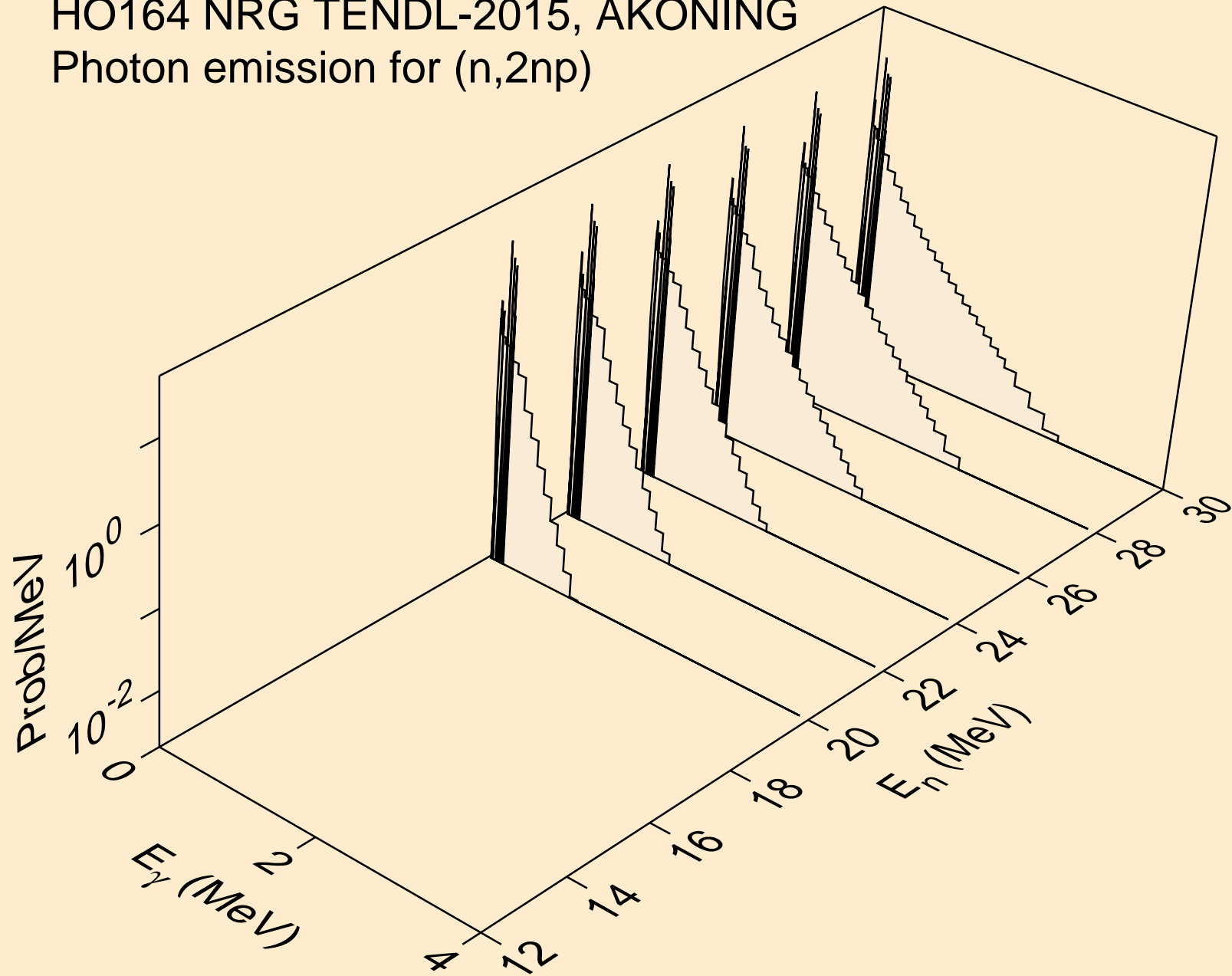
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

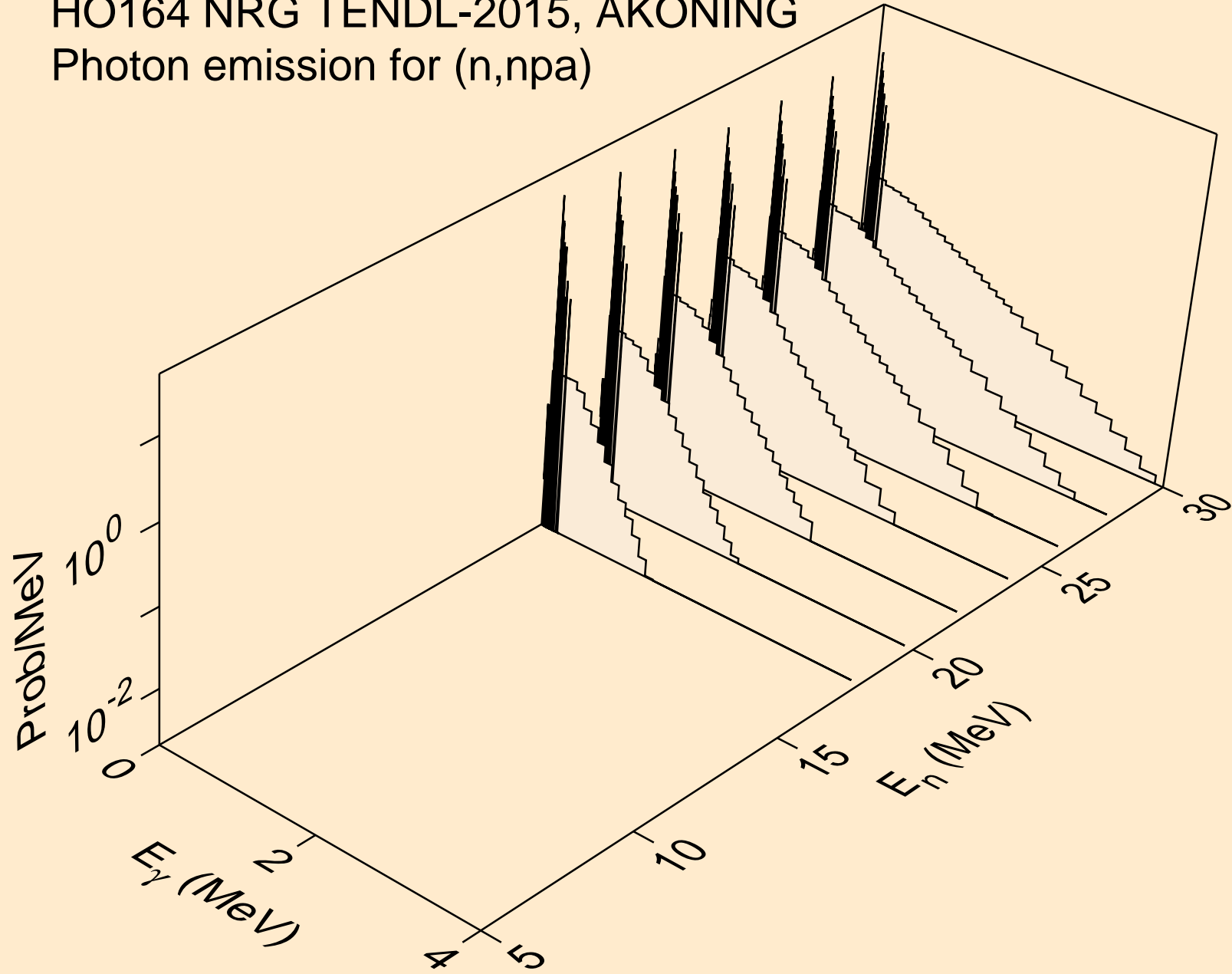


HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

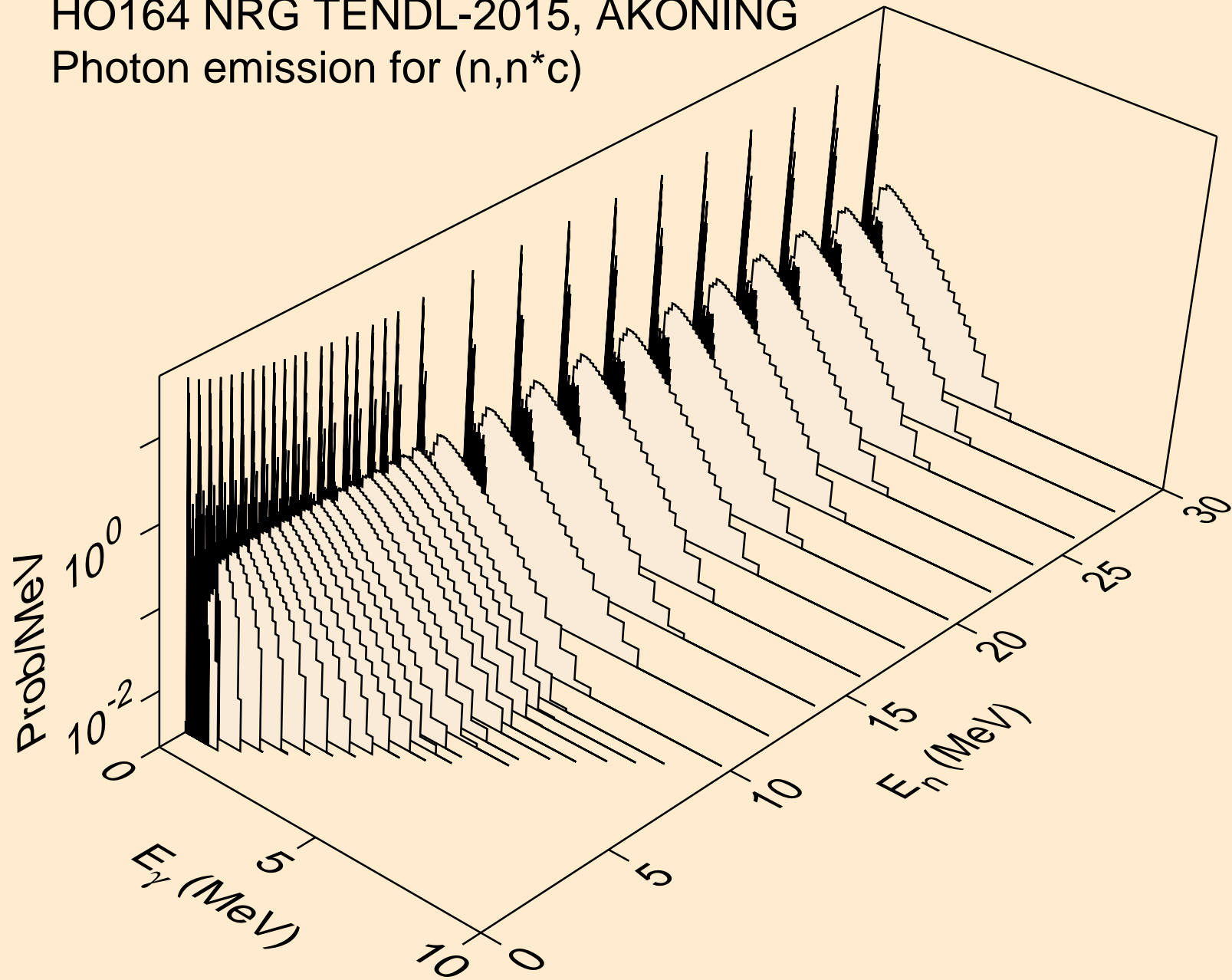




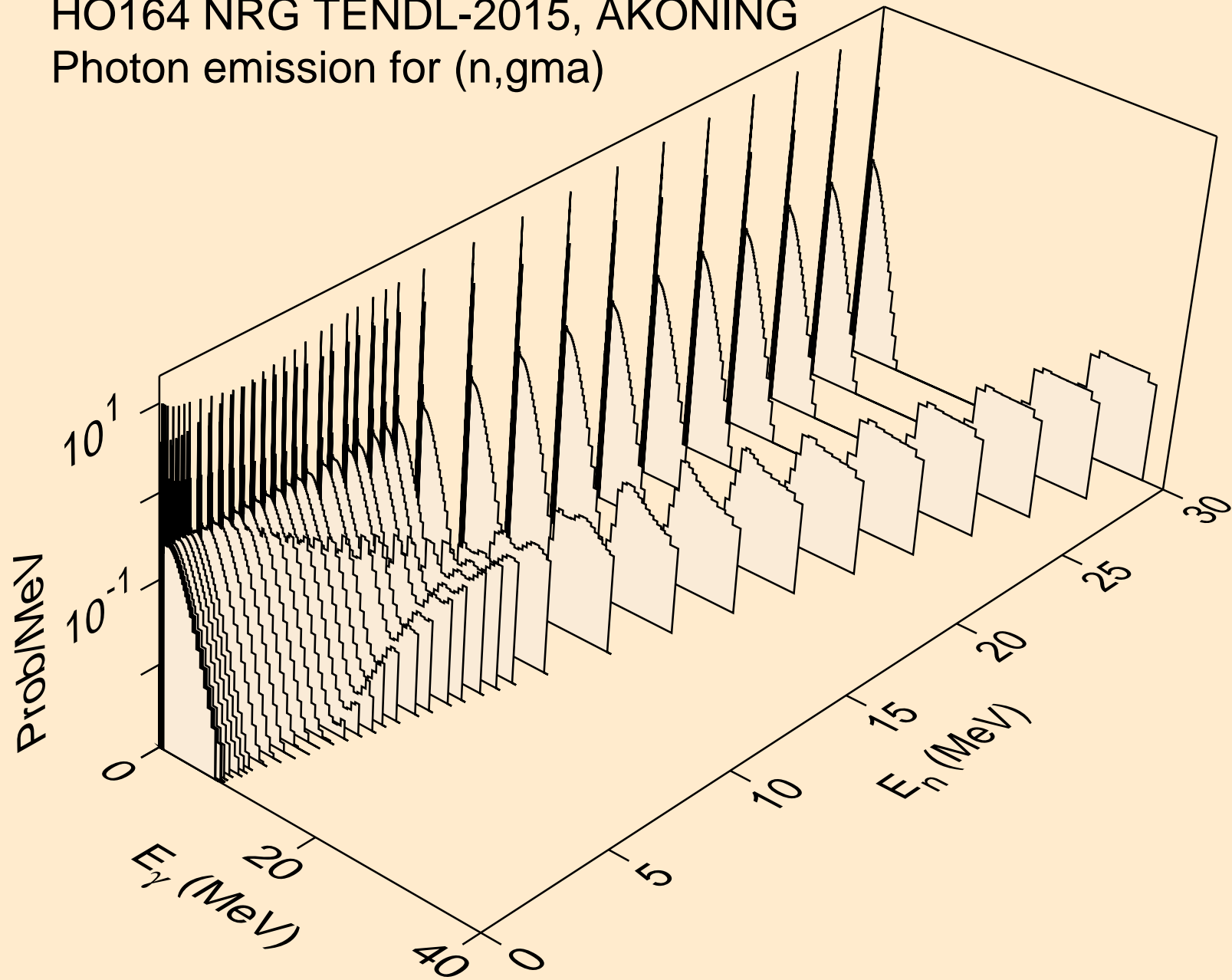
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



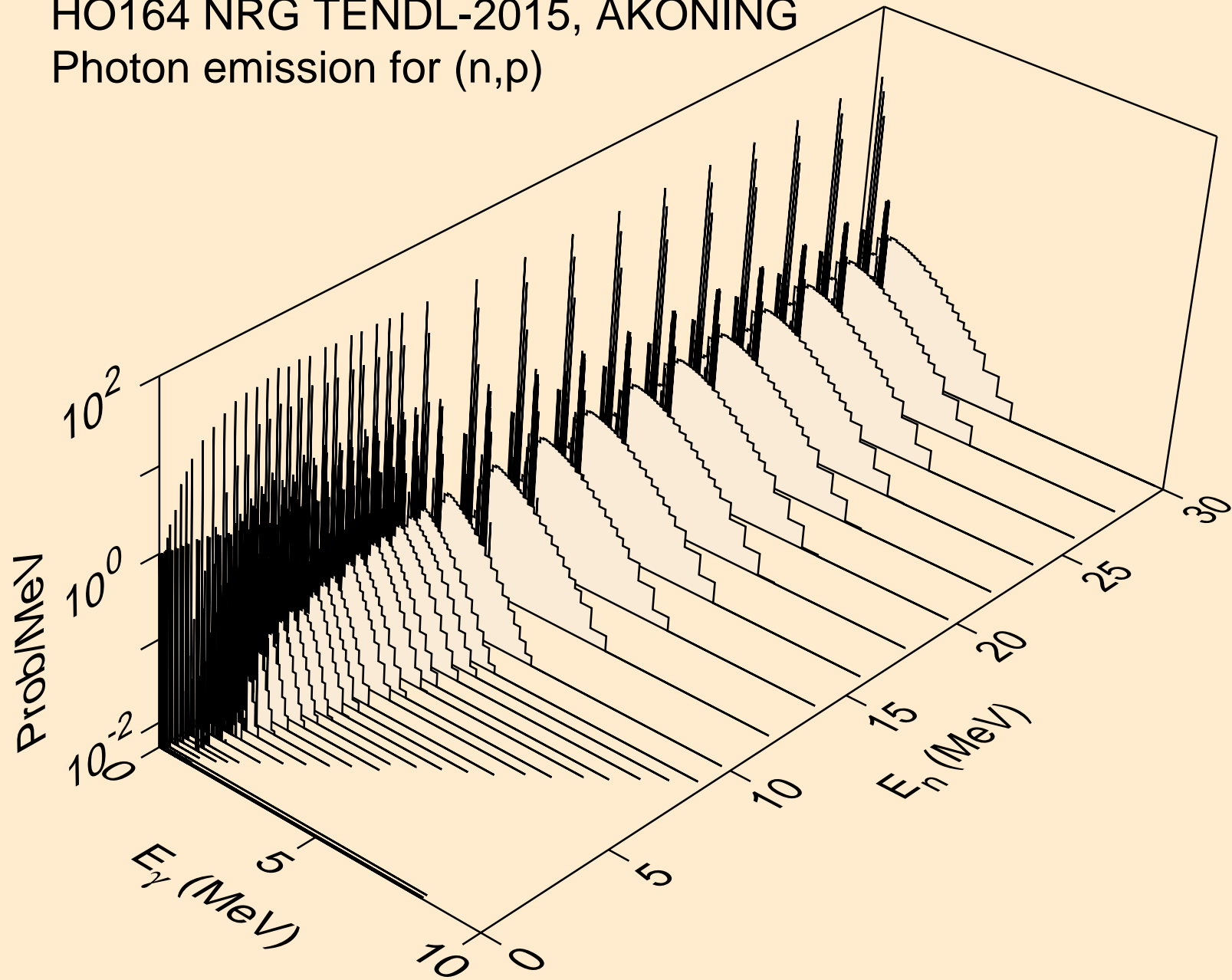
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



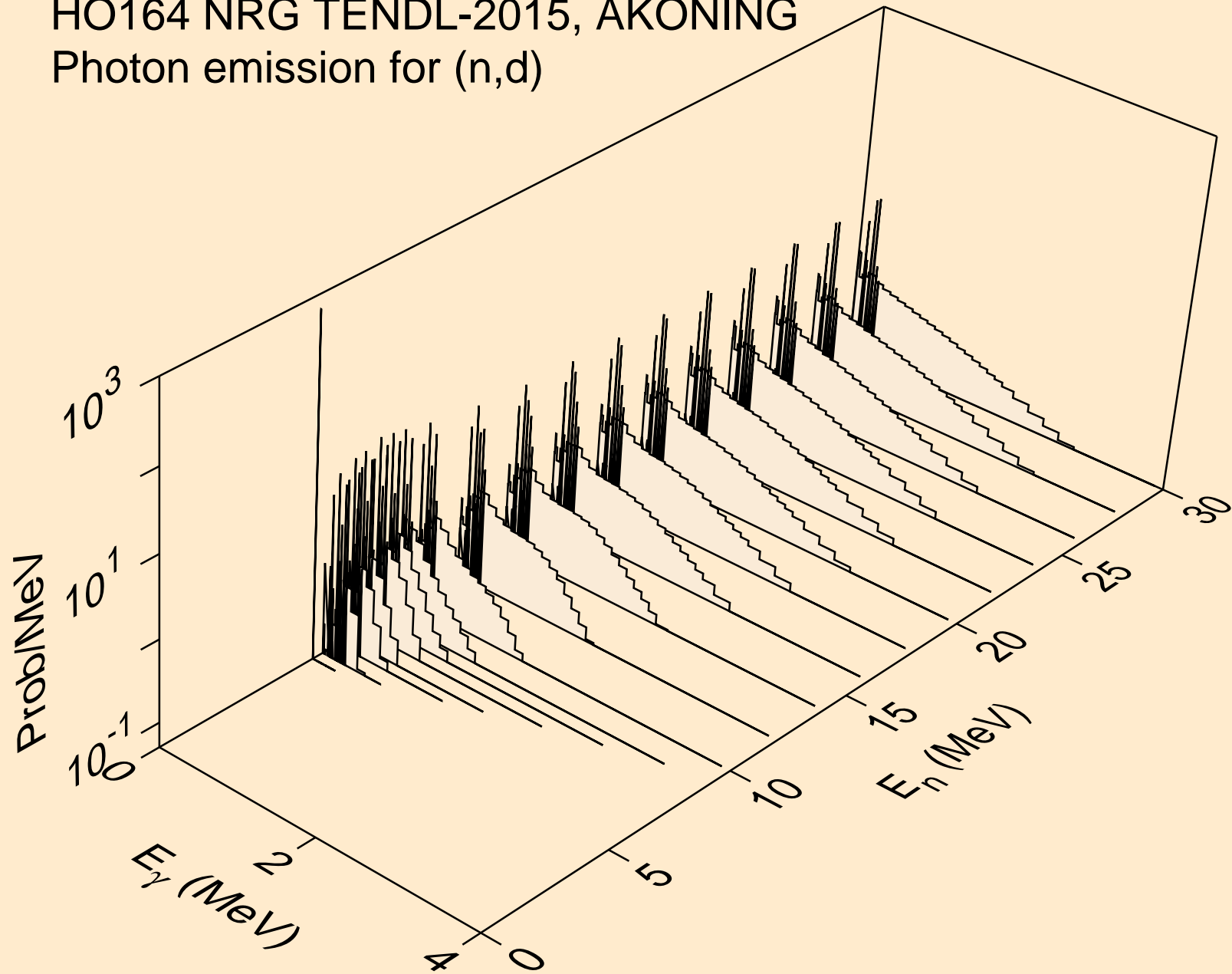
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



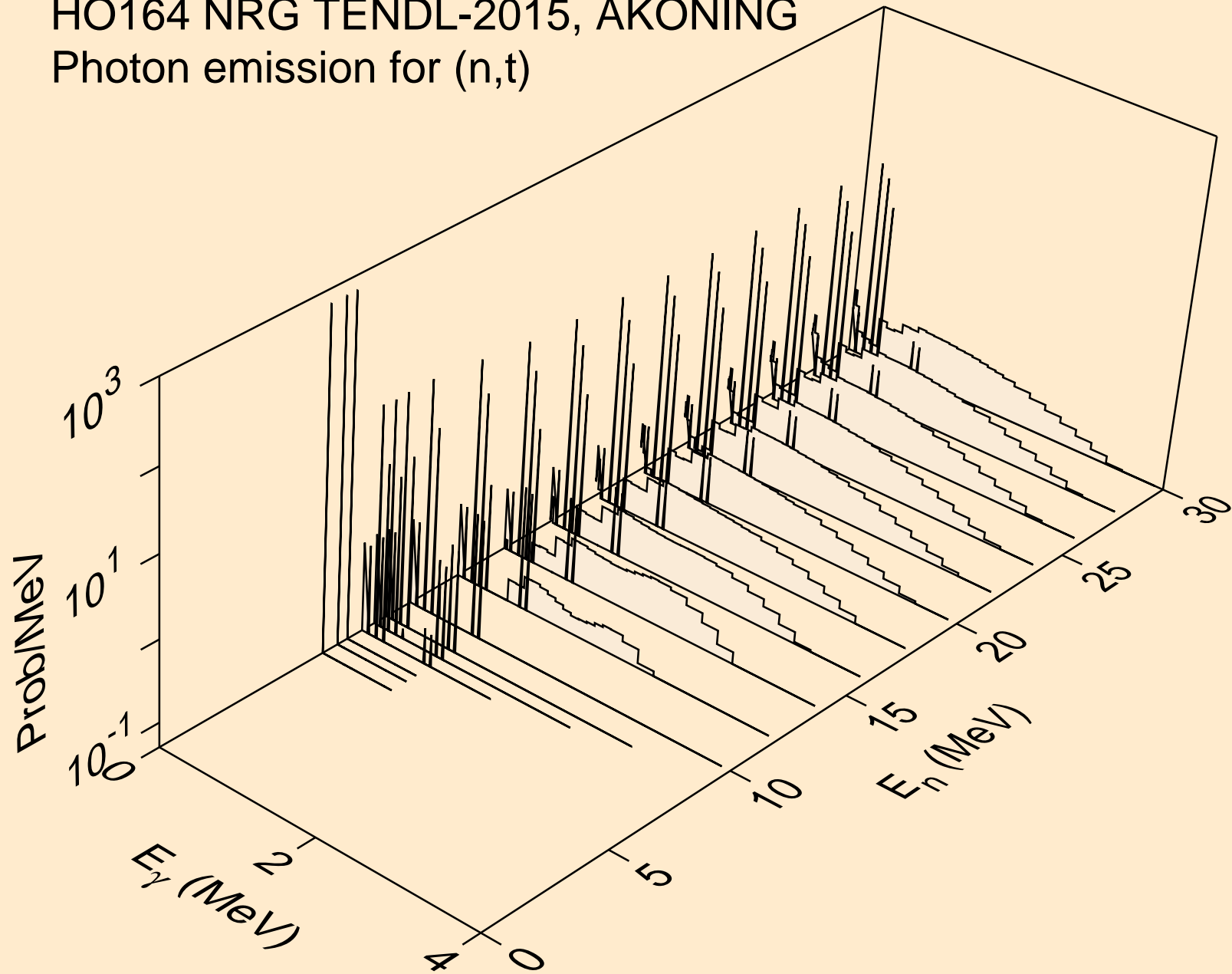
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



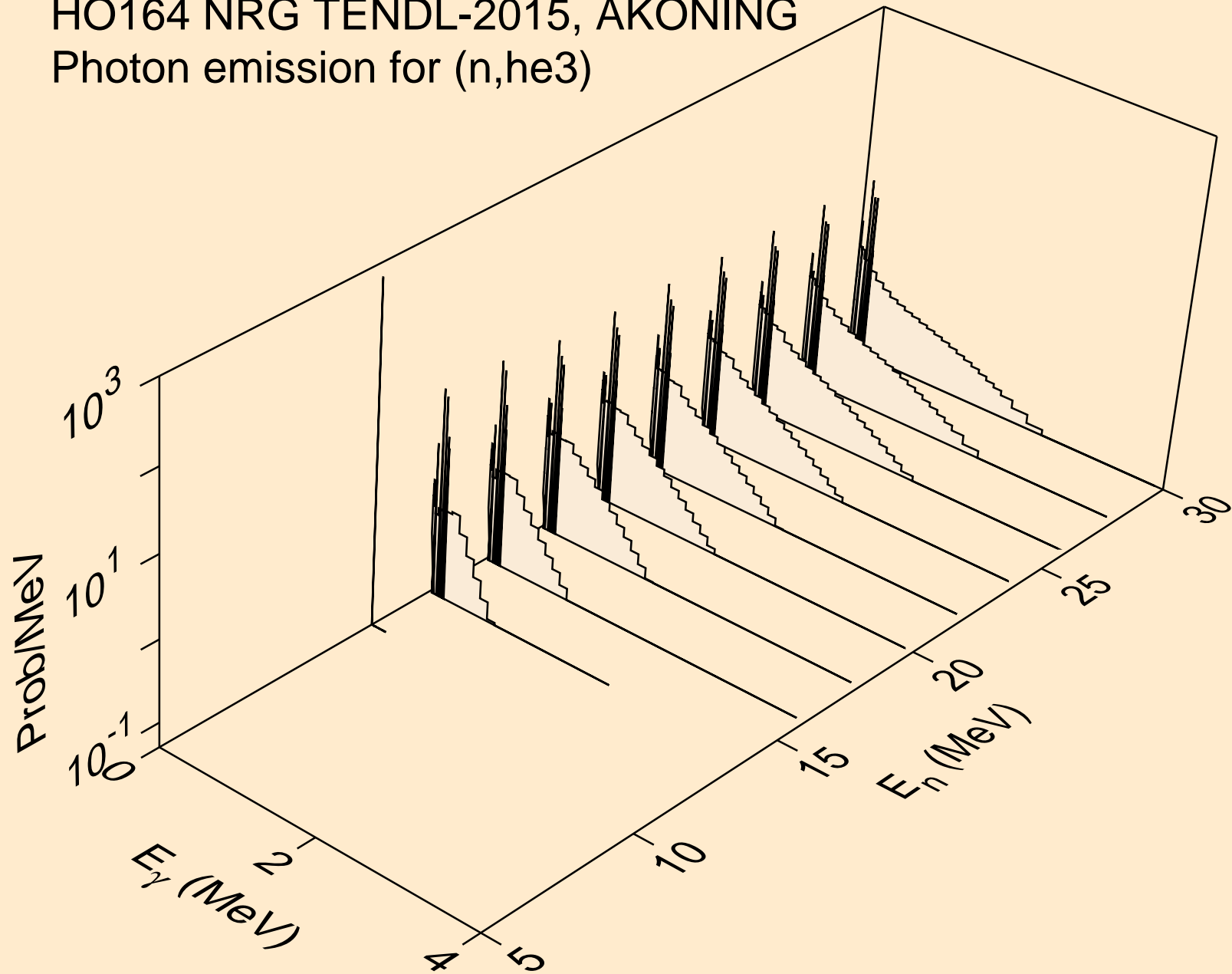
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



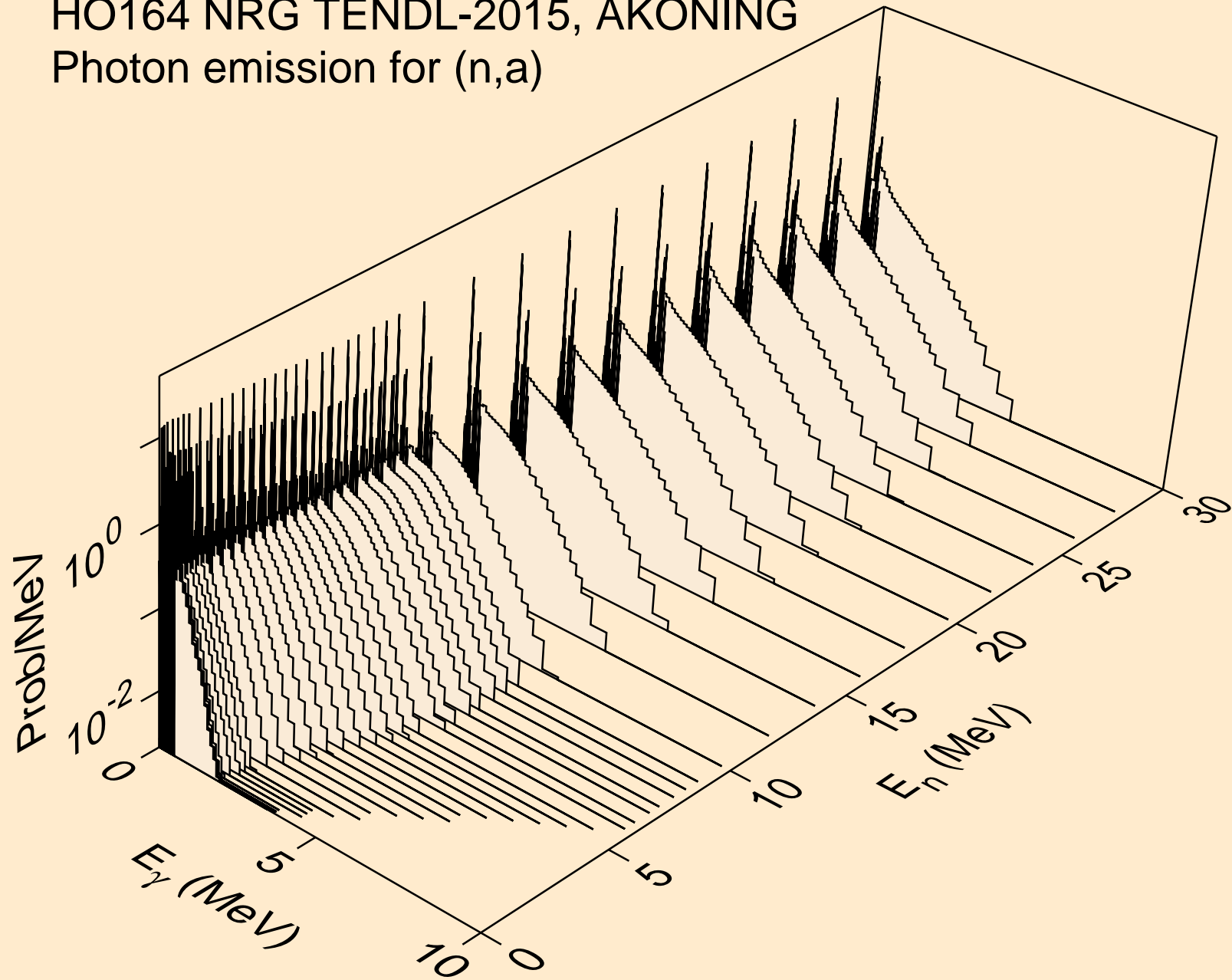
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

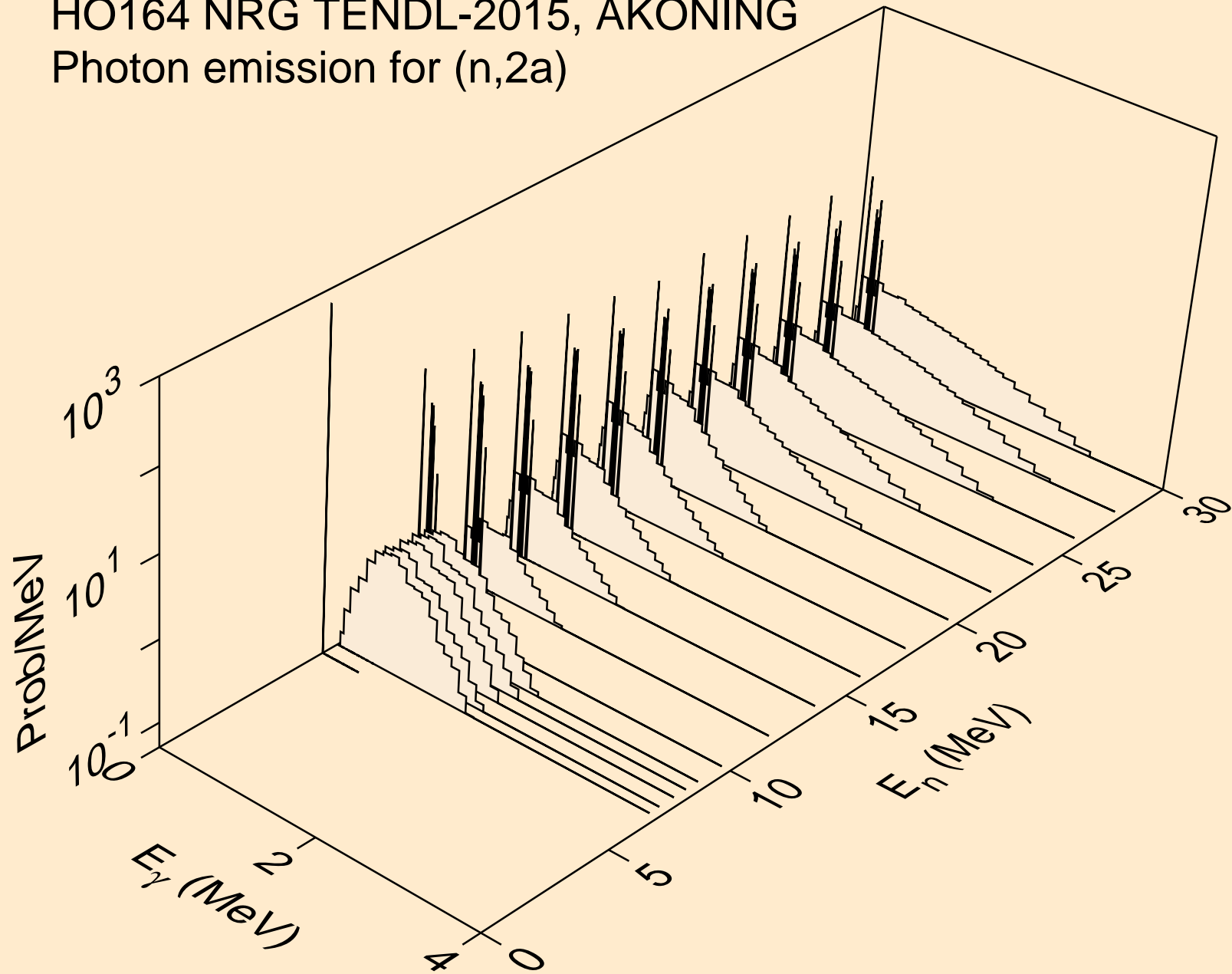


HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

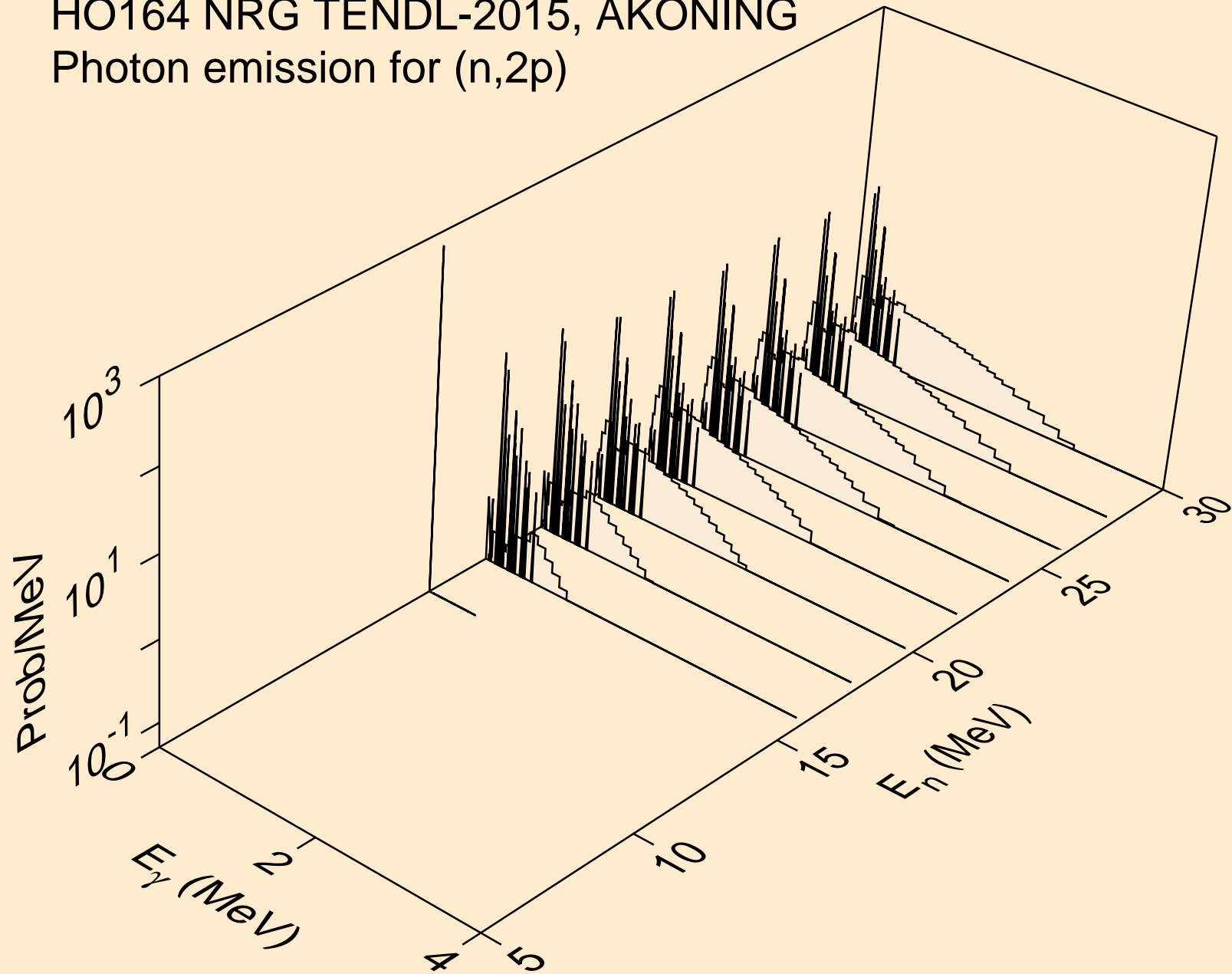




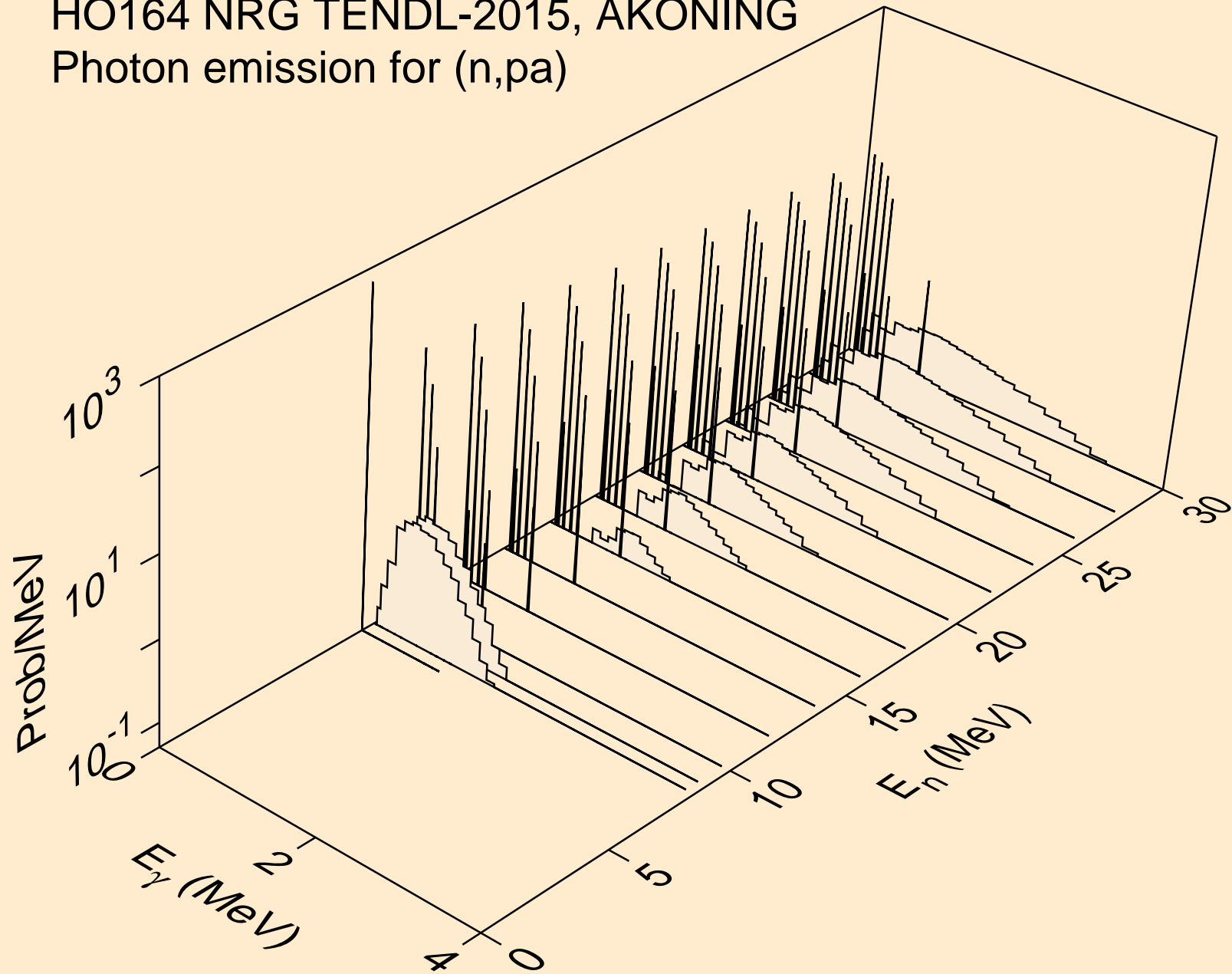
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



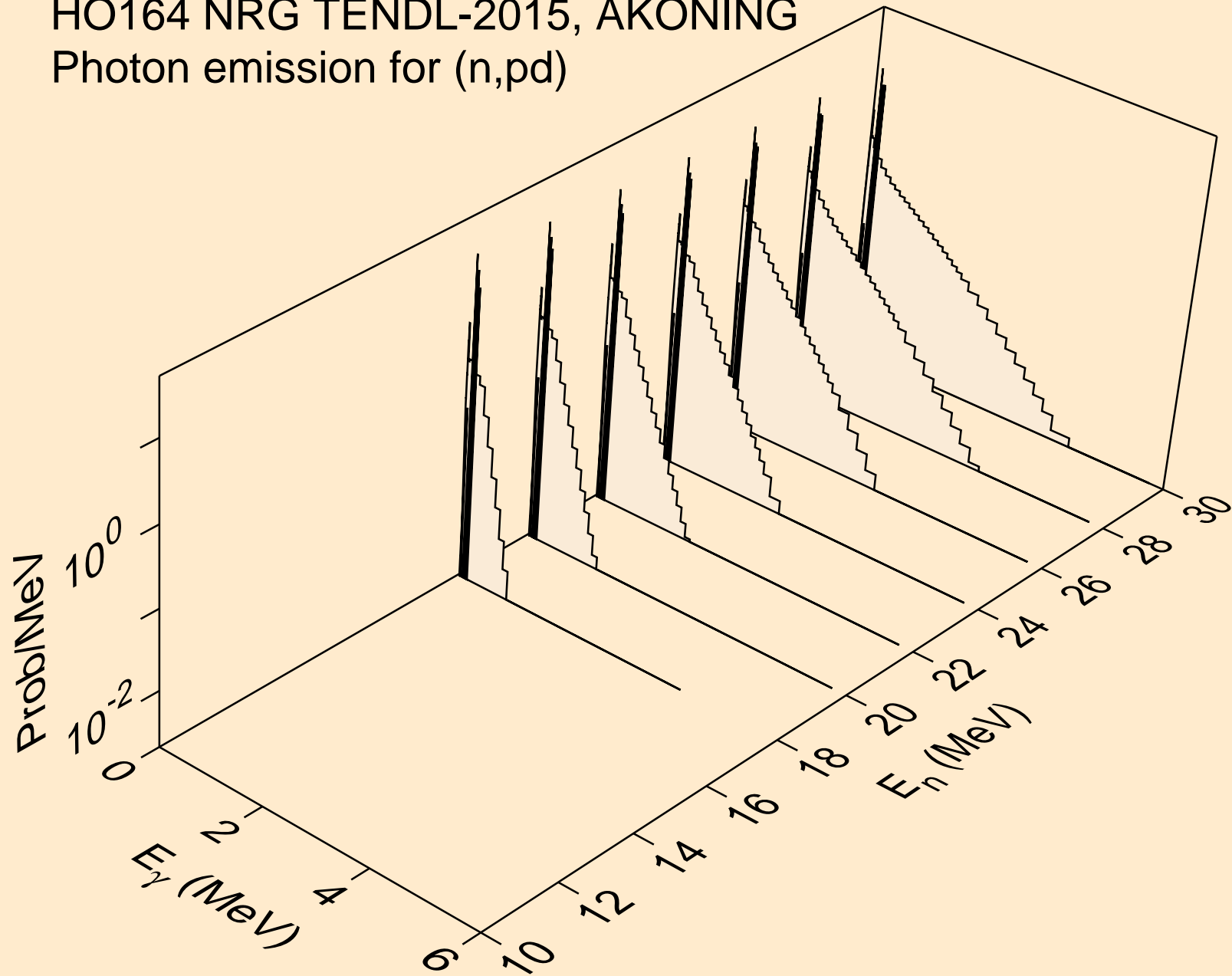
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



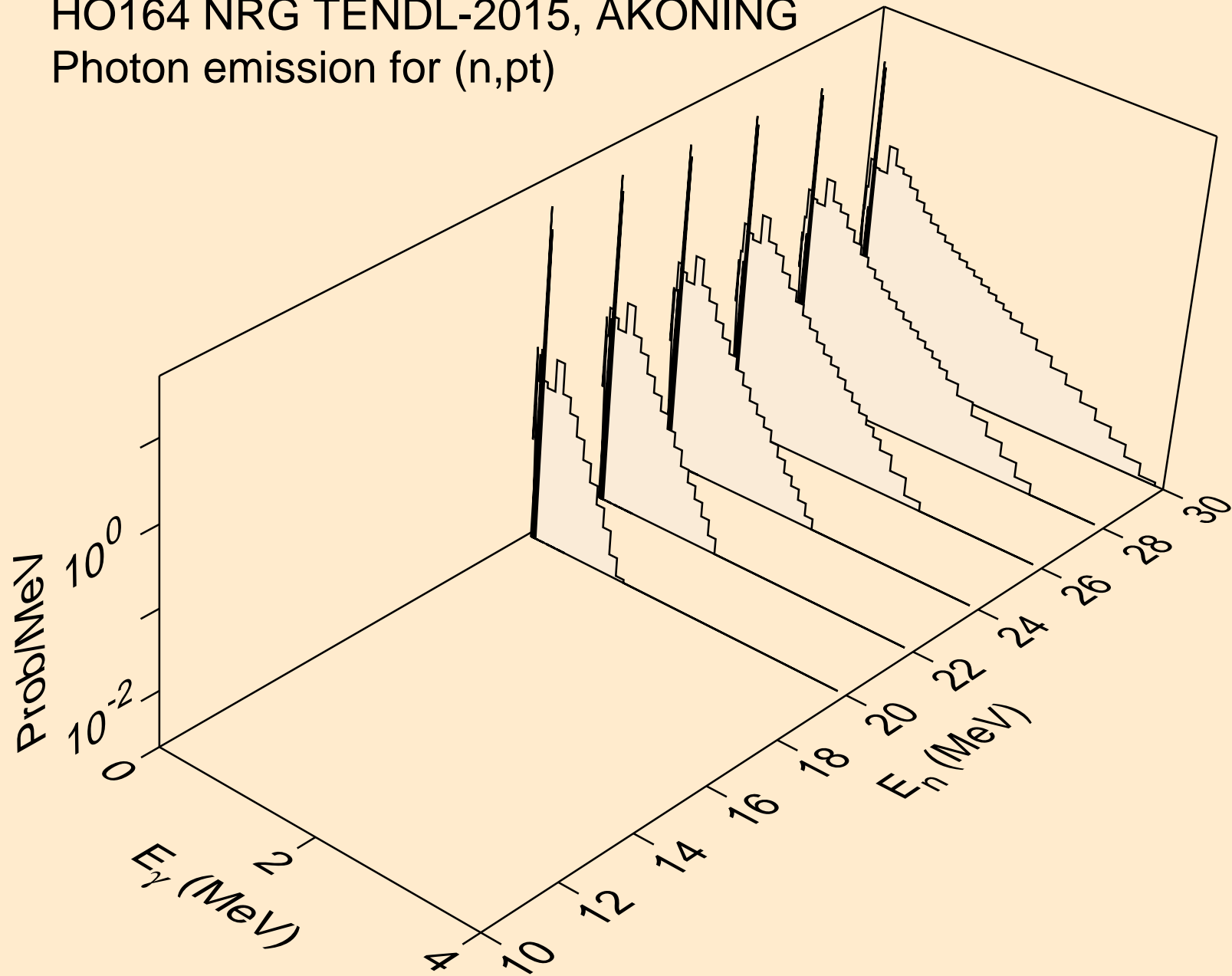
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



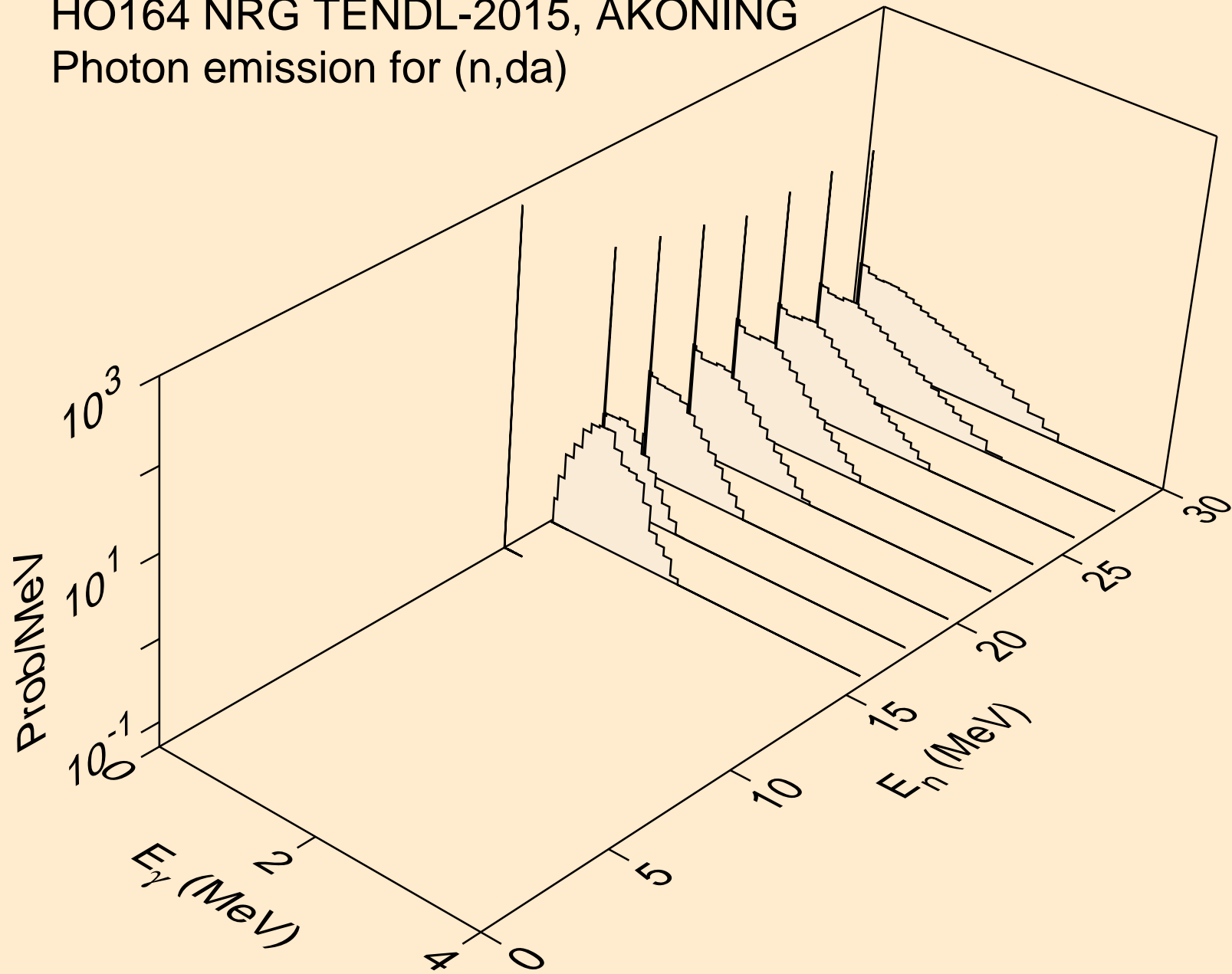
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



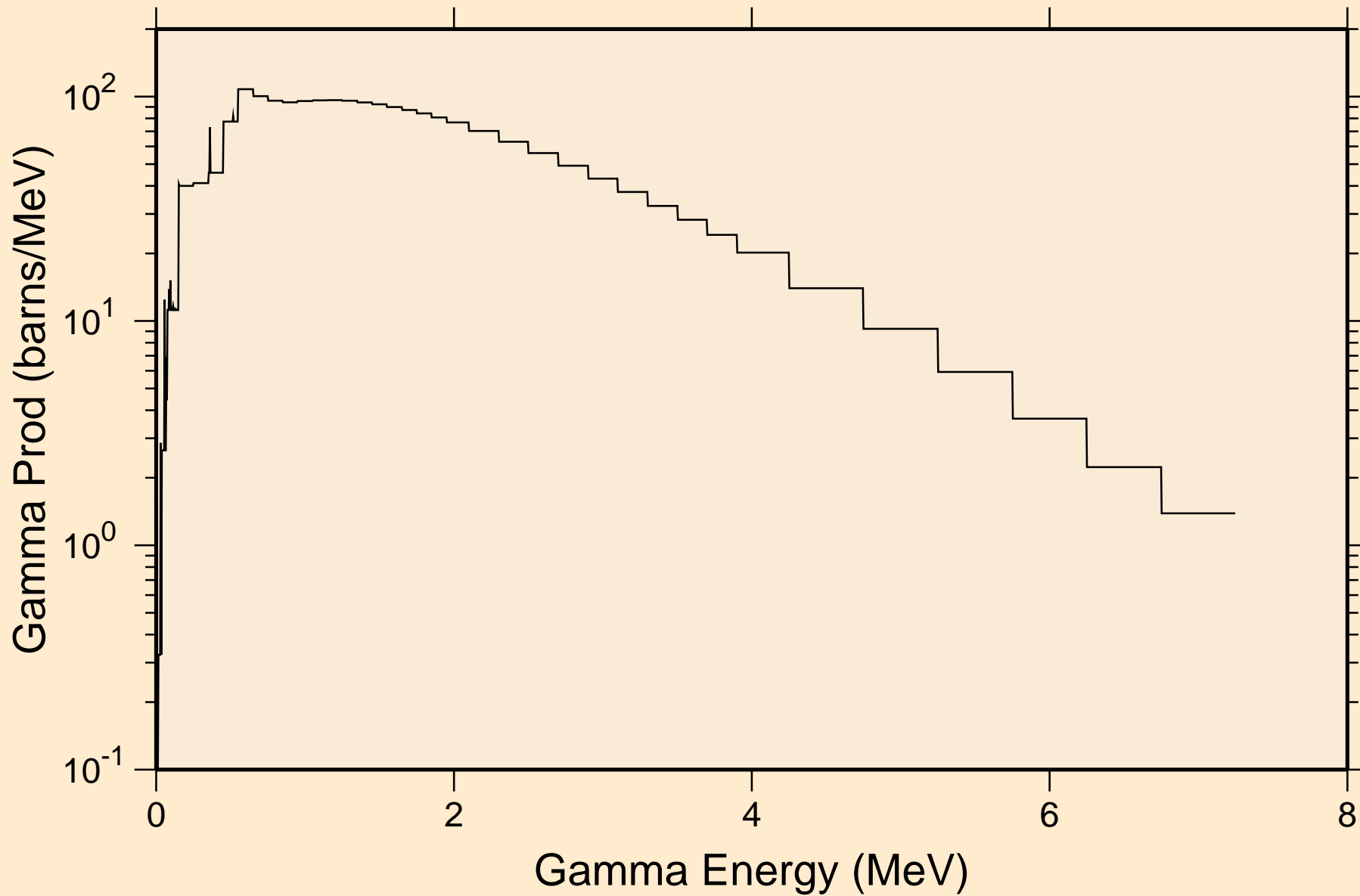
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



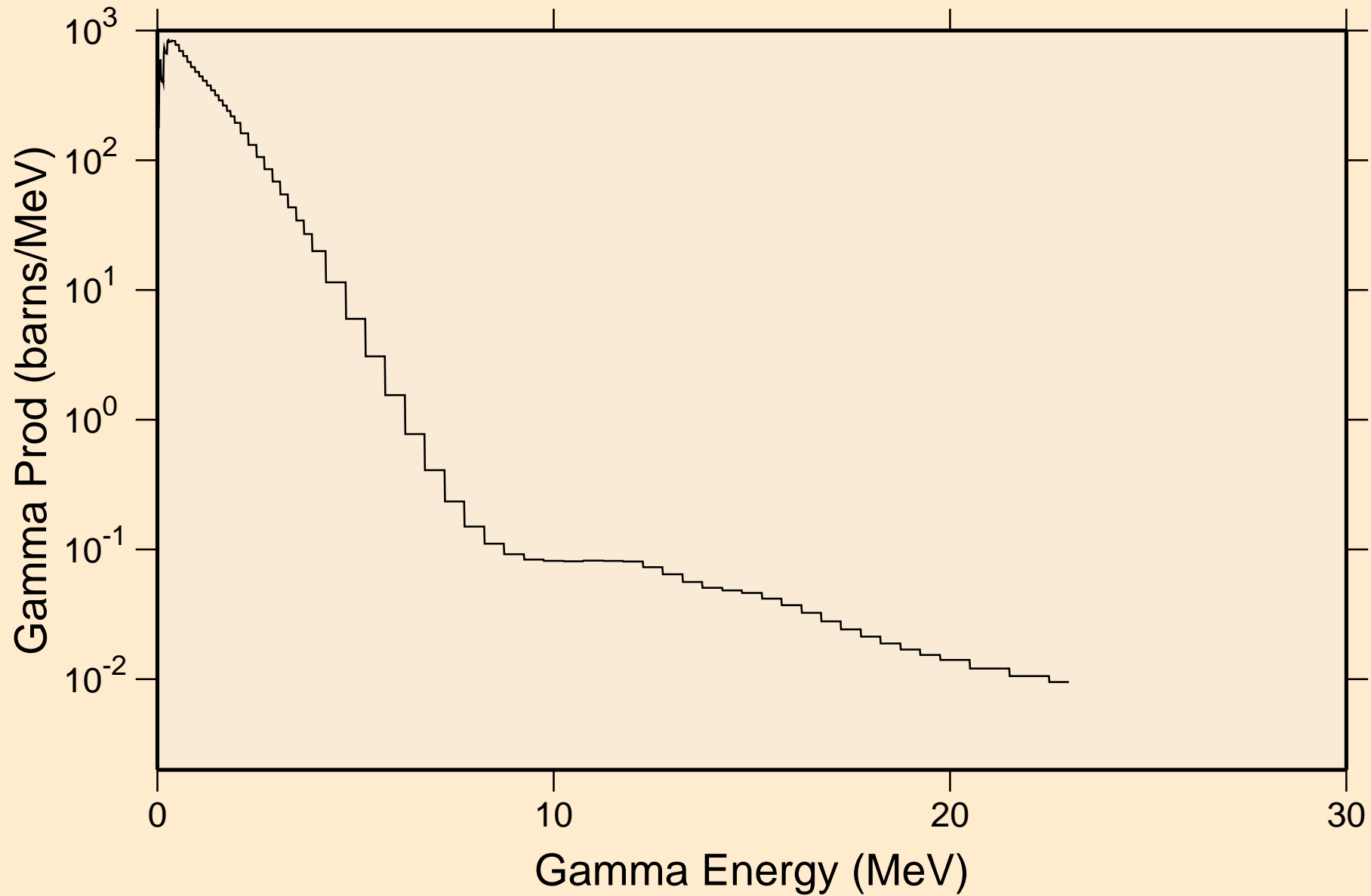
HO164 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HO164 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



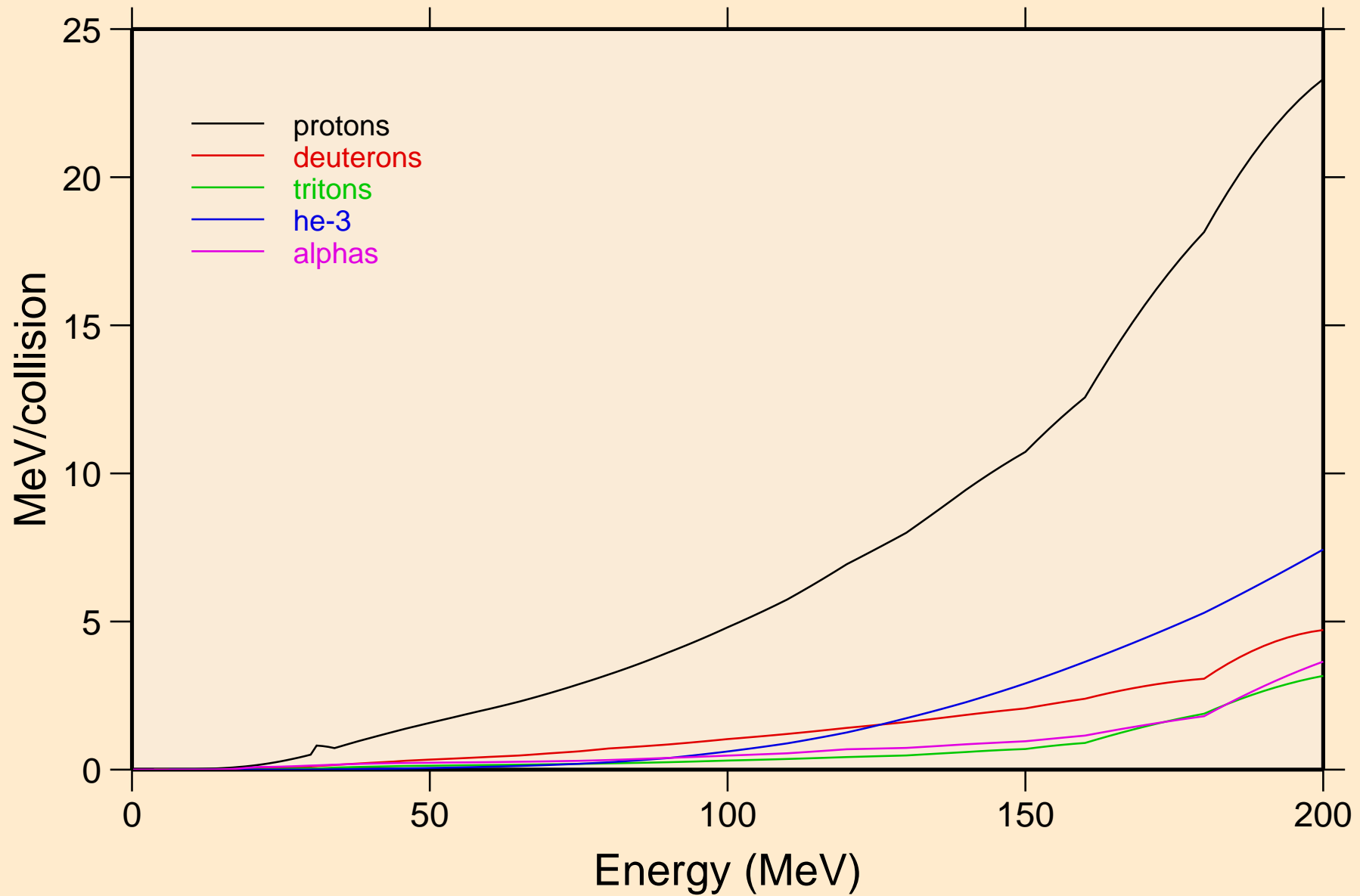
HO164 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





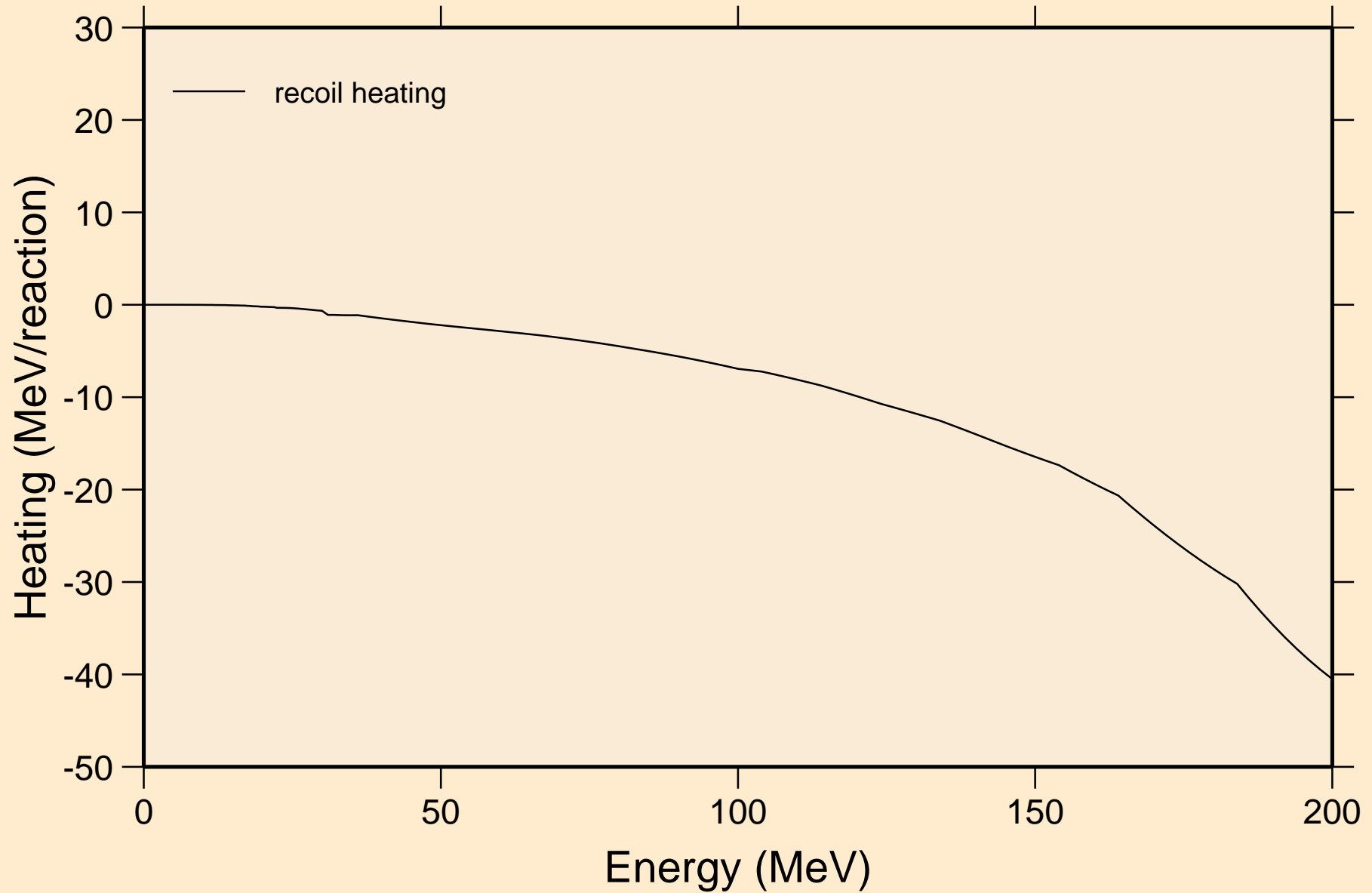
# HO164 NRG TENDL-2015, AKONING

## Particle heating contributions



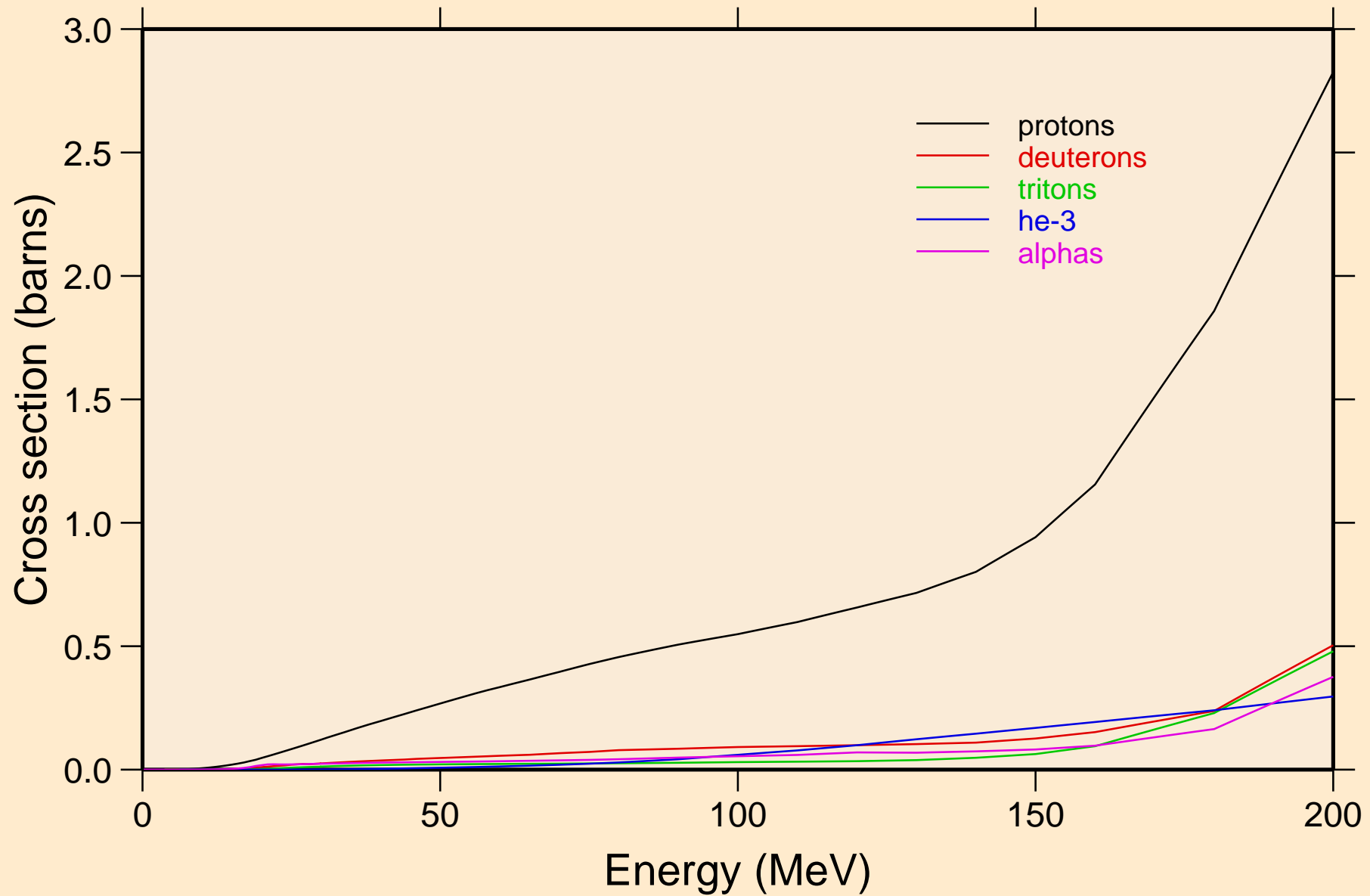
# HO164 NRG TENDL-2015, AKONING

## Recoil Heating

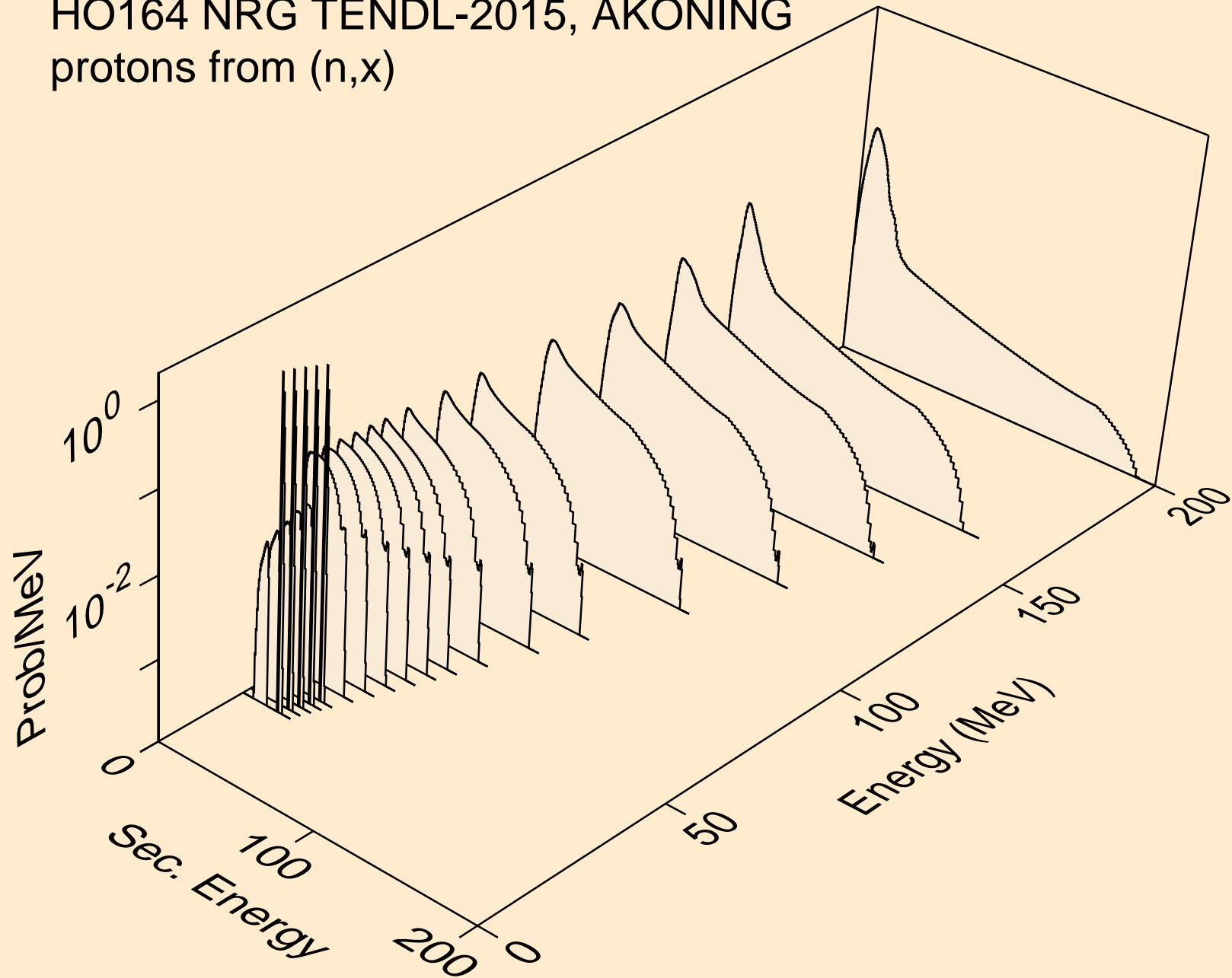


# HO164 NRG TENDL-2015, AKONING

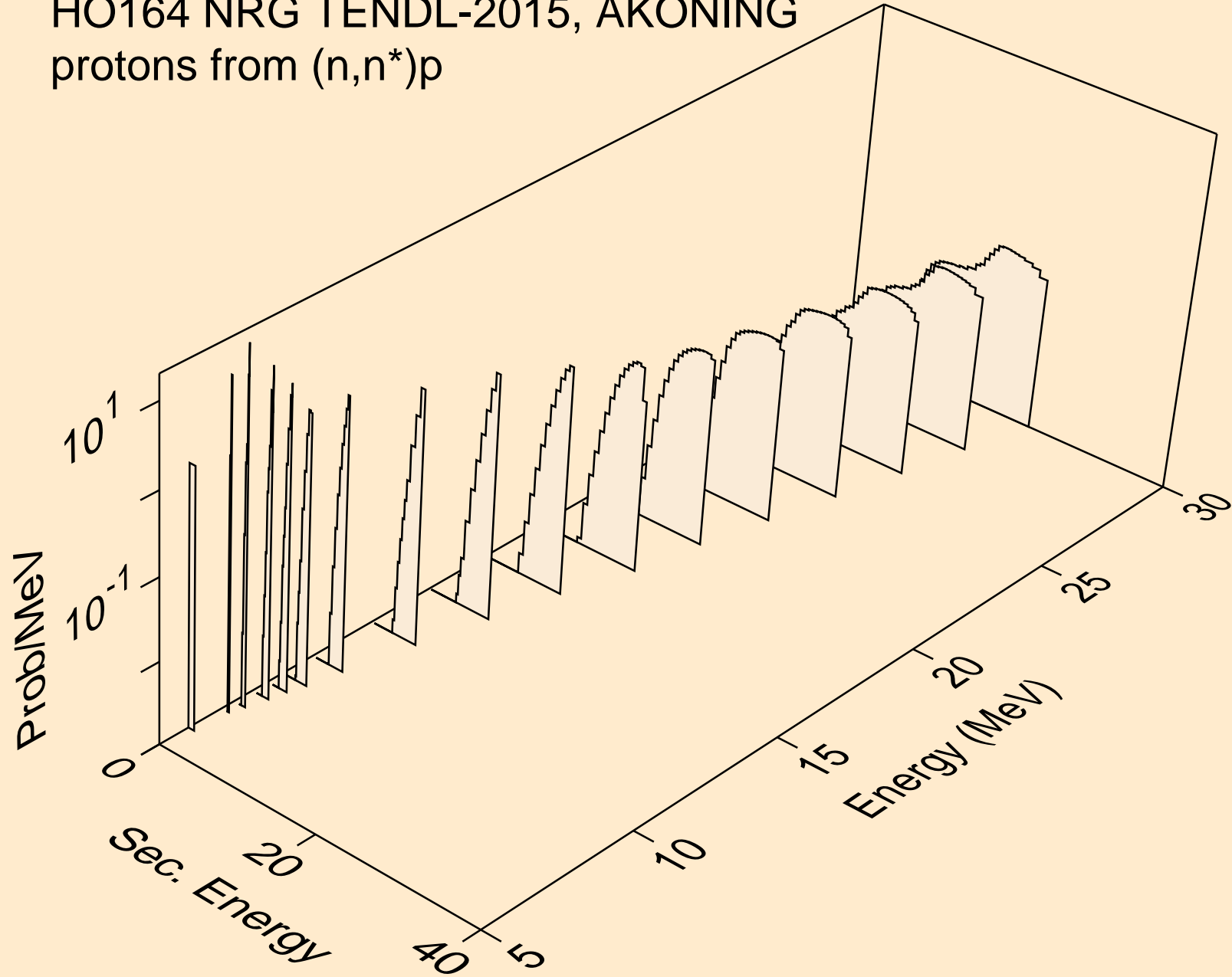
## Particle production cross sections



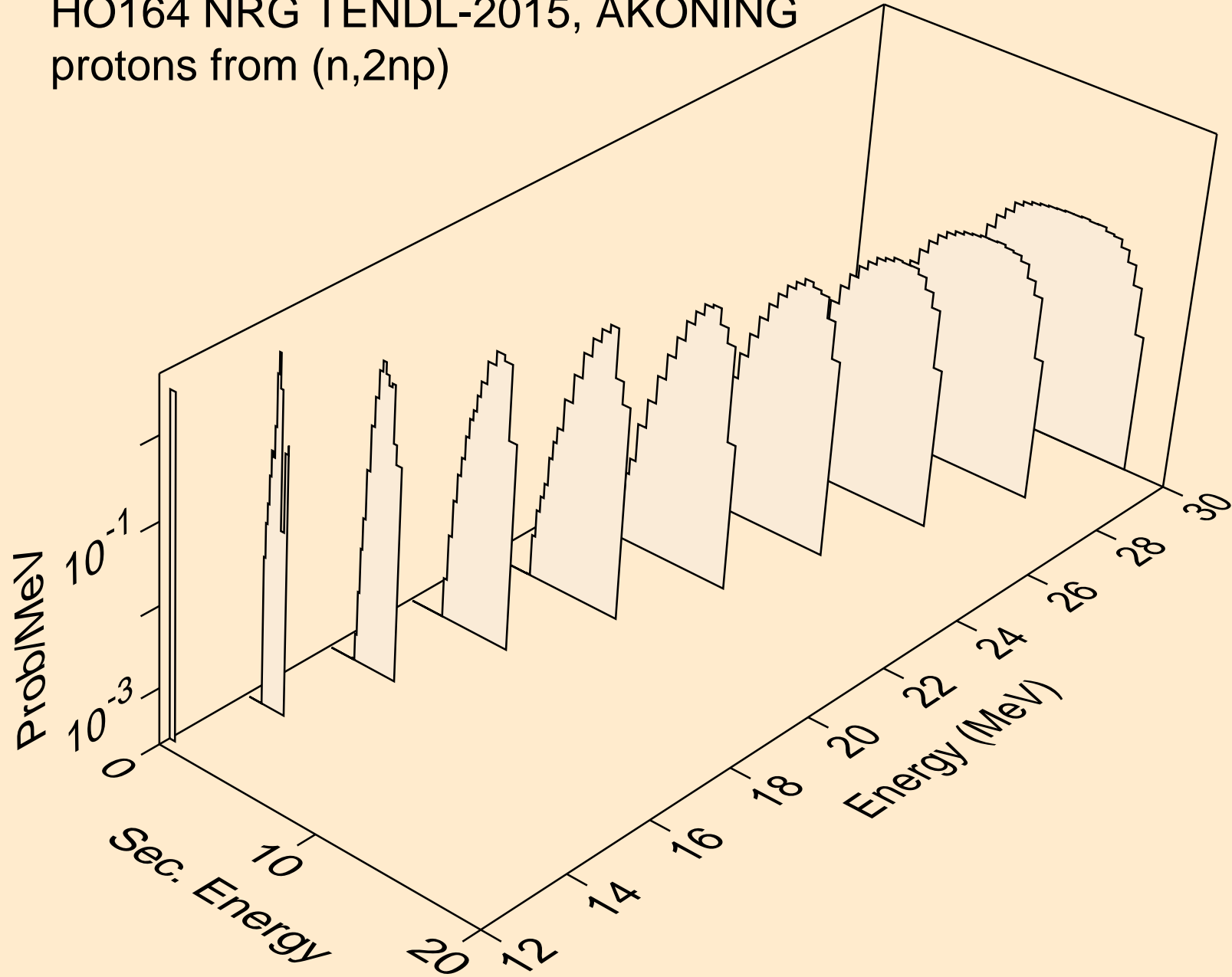
HO164 NRG TENDL-2015, AKONING  
protons from (n,x)



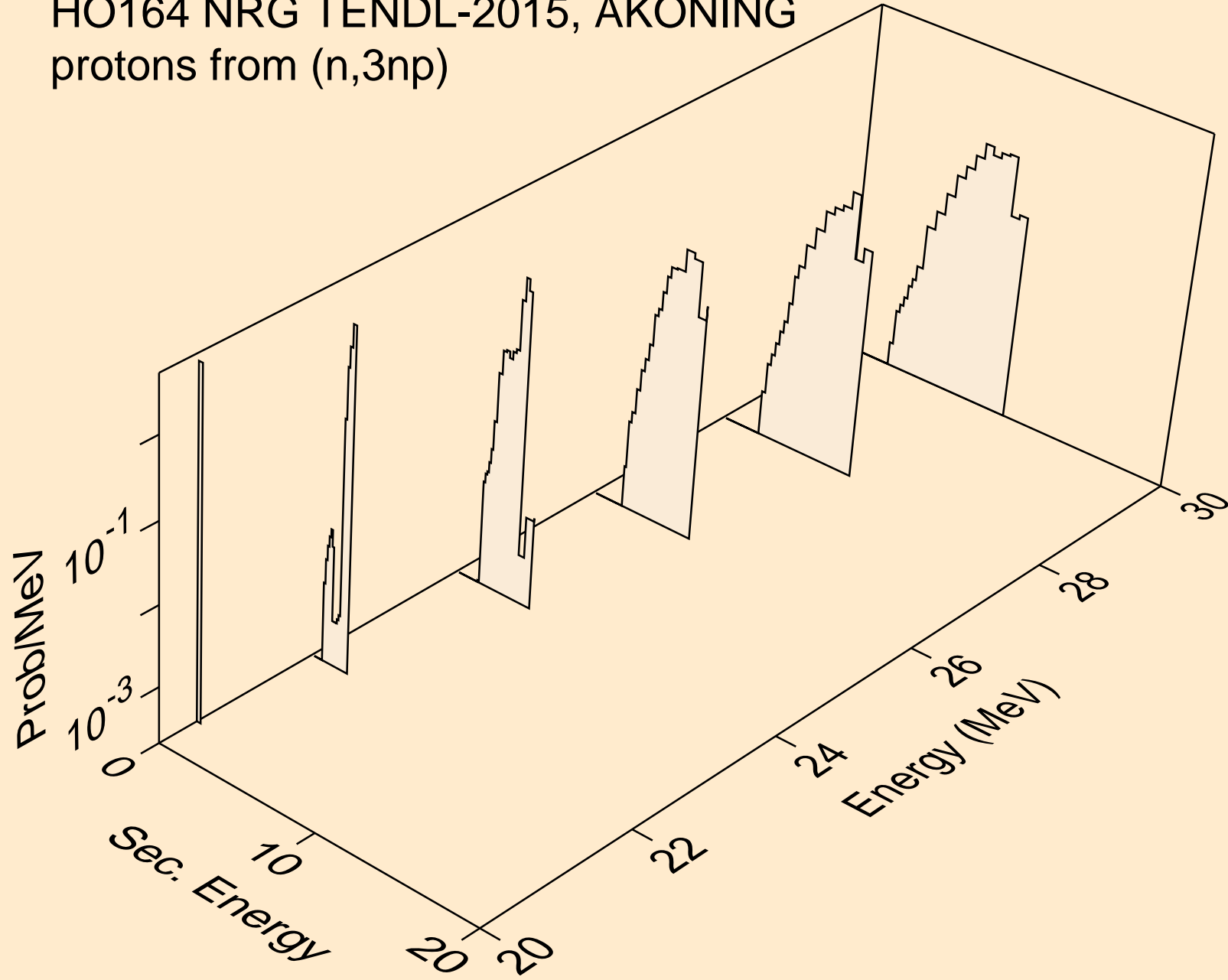
HO164 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



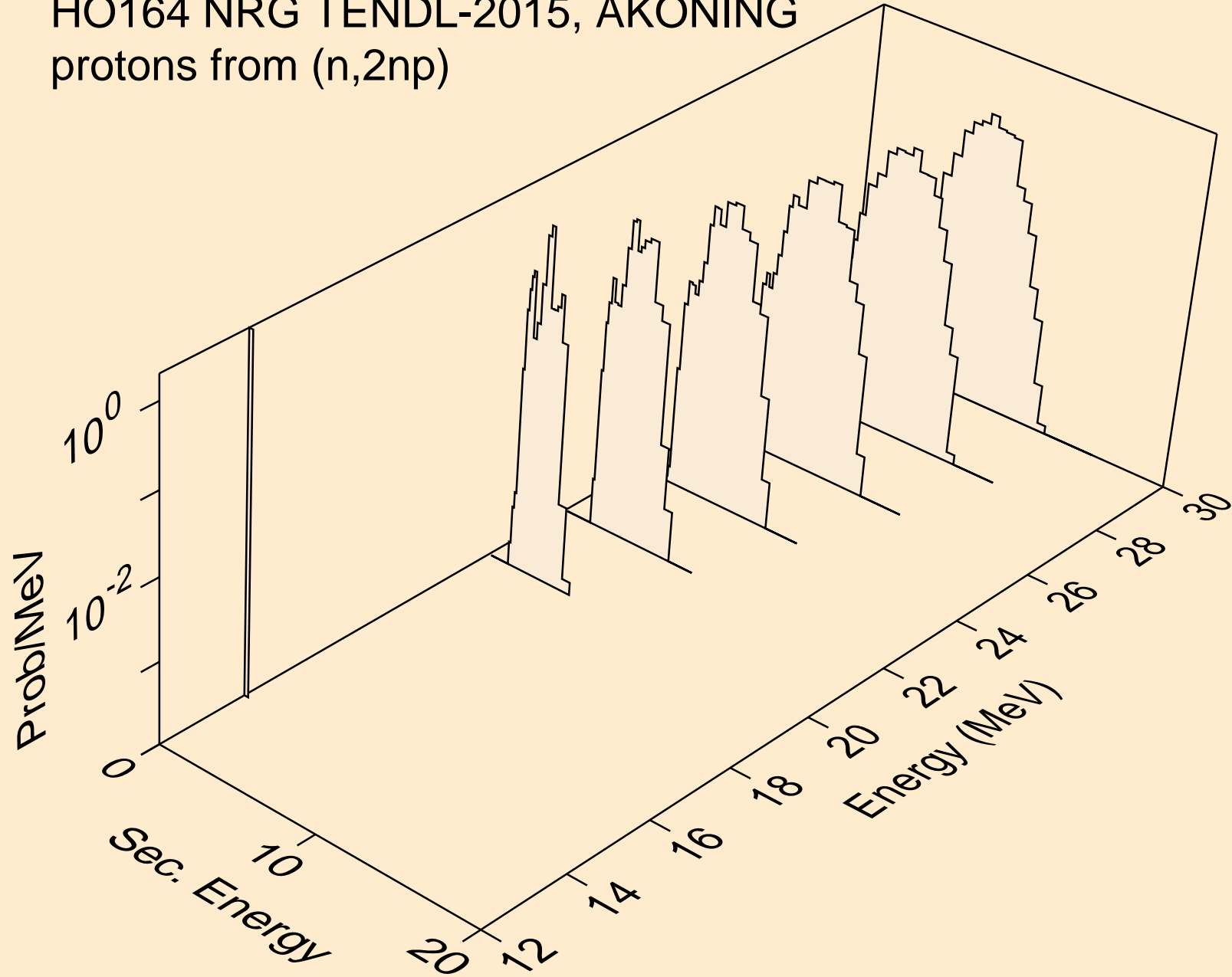
HO164 NRG TENDL-2015, AKONING  
protons from (n,2np)



HO164 NRG TENDL-2015, AKONING  
protons from (n,3np)

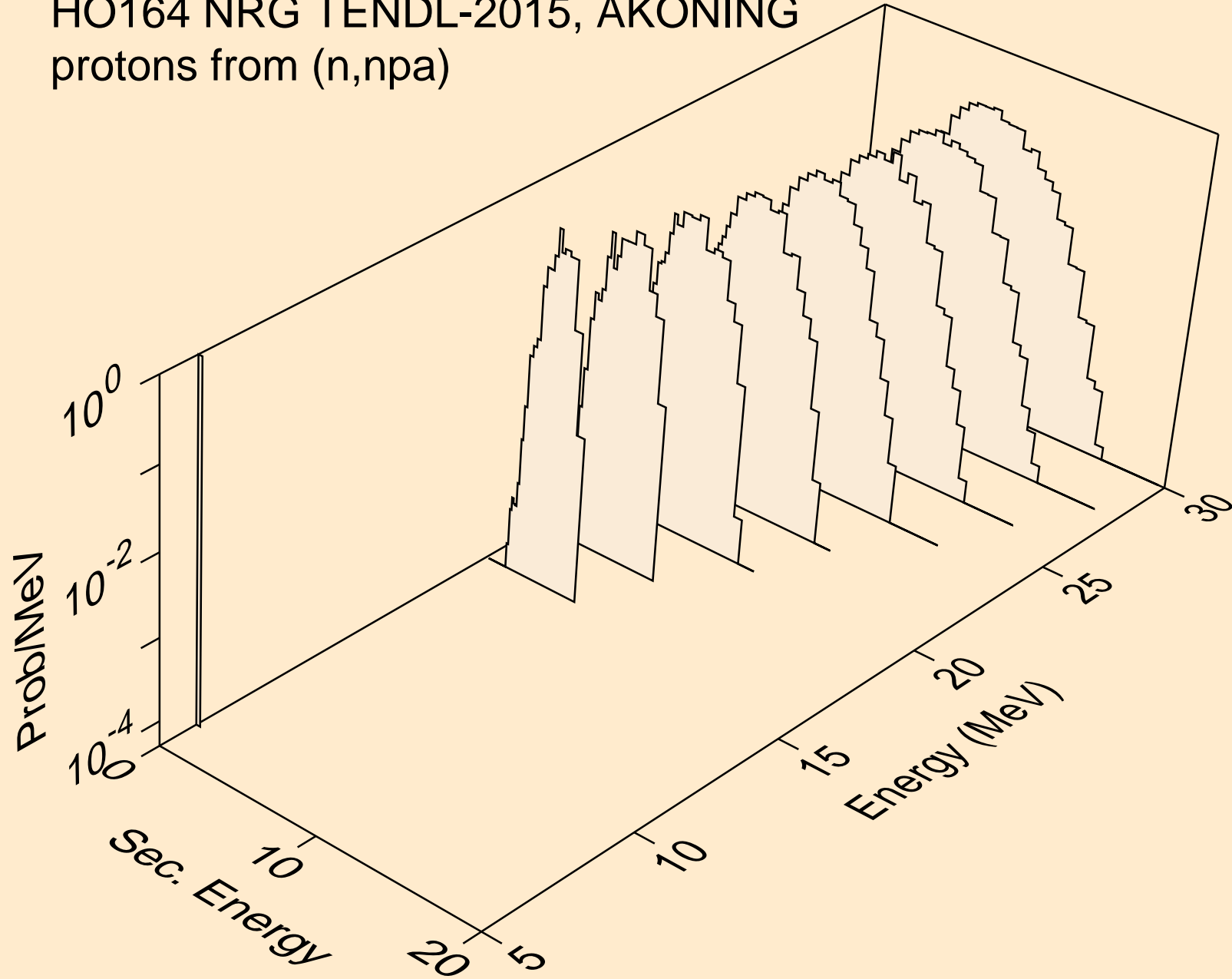


HO164 NRG TENDL-2015, AKONING  
protons from (n,2np)

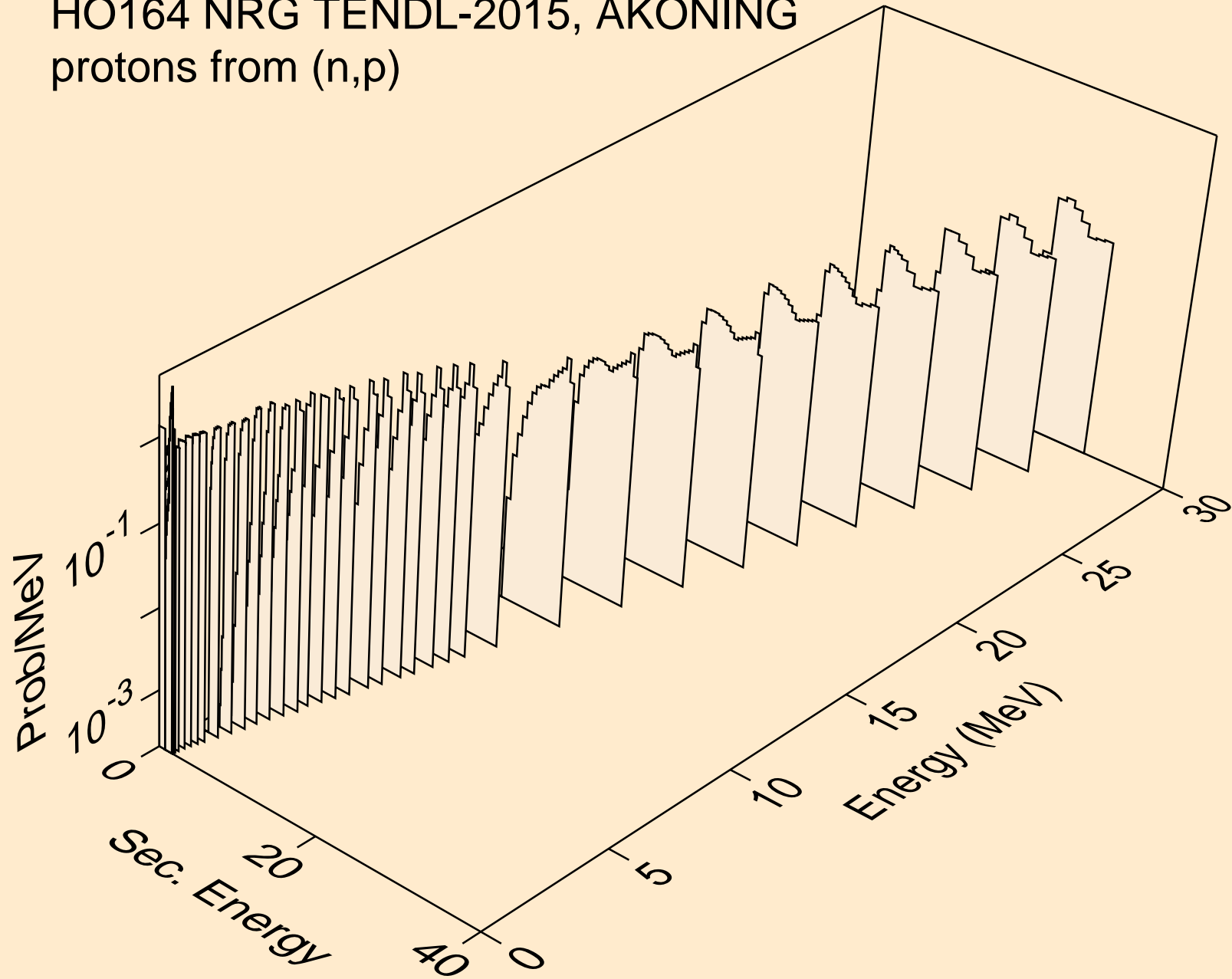




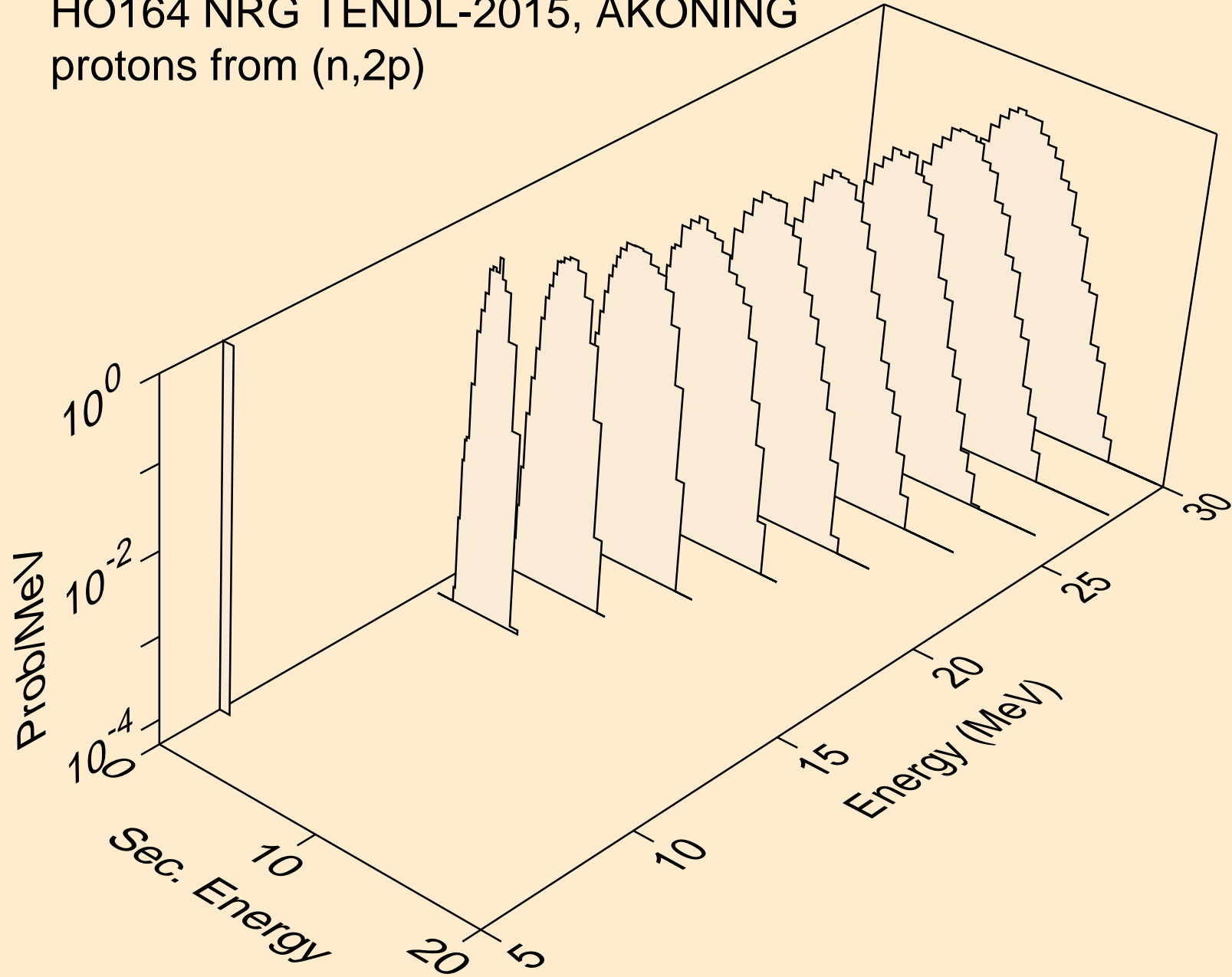
HO164 NRG TENDL-2015, AKONING  
protons from (n,npa)



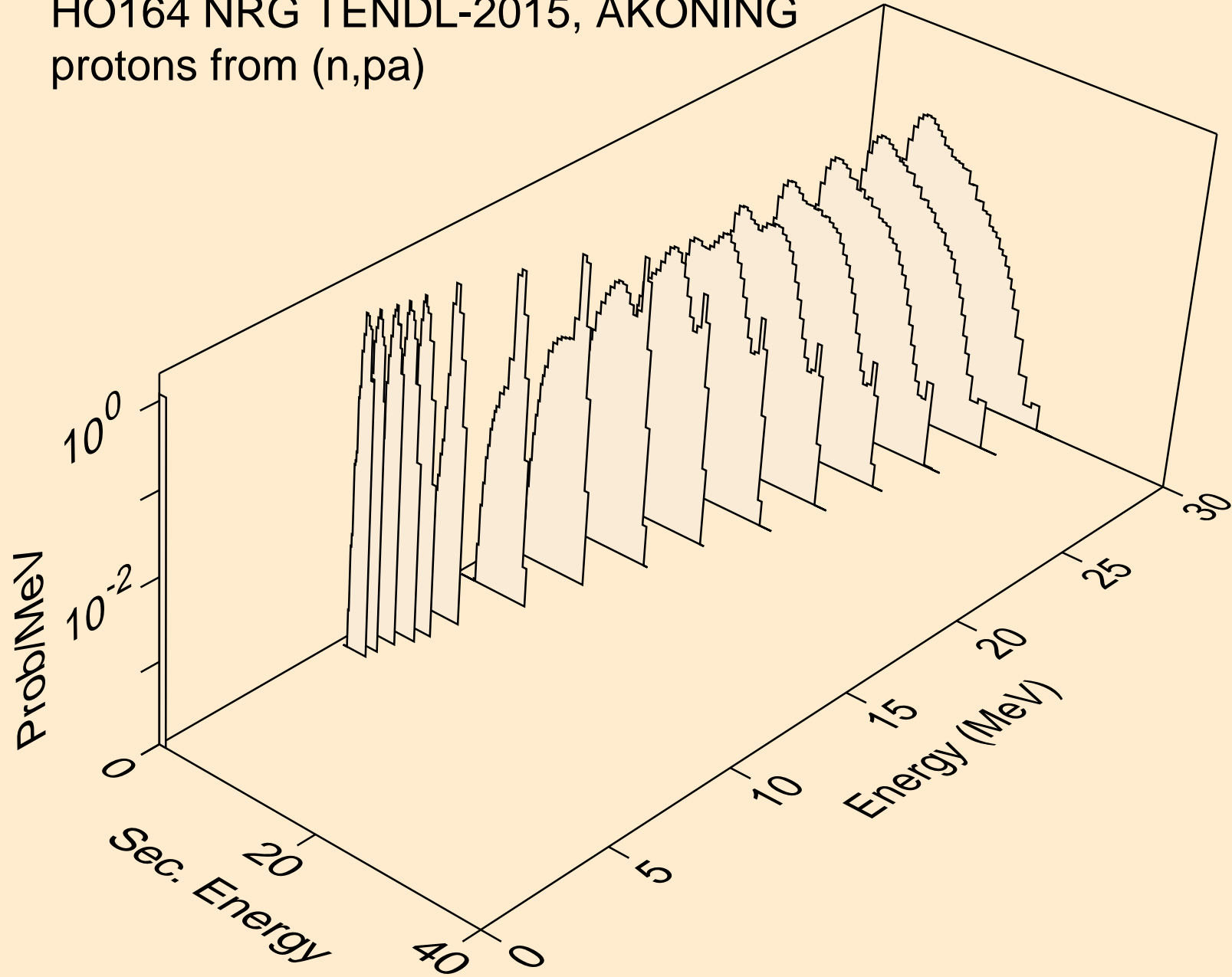
HO164 NRG TENDL-2015, AKONING  
protons from (n,p)



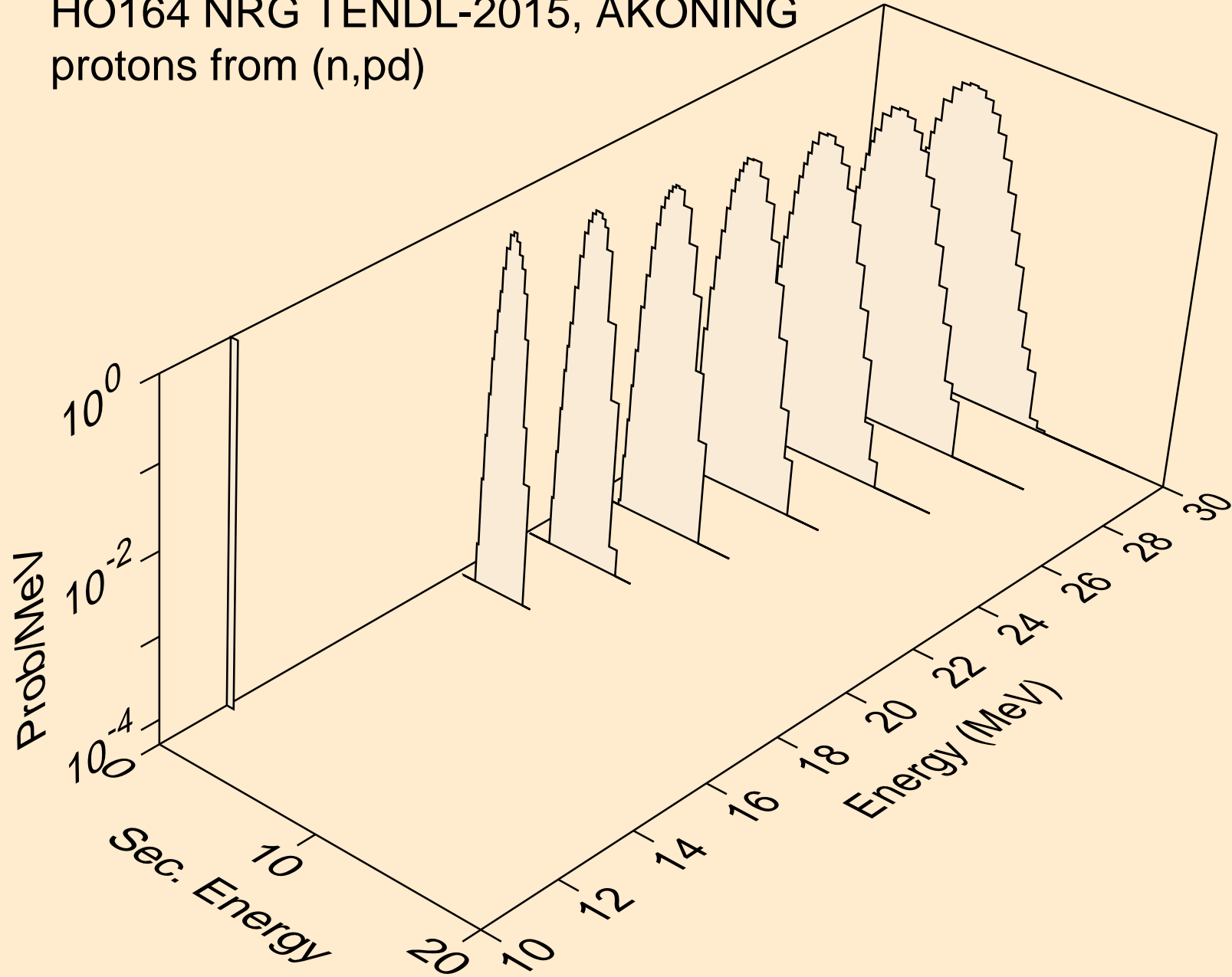
HO164 NRG TENDL-2015, AKONING  
protons from (n,2p)



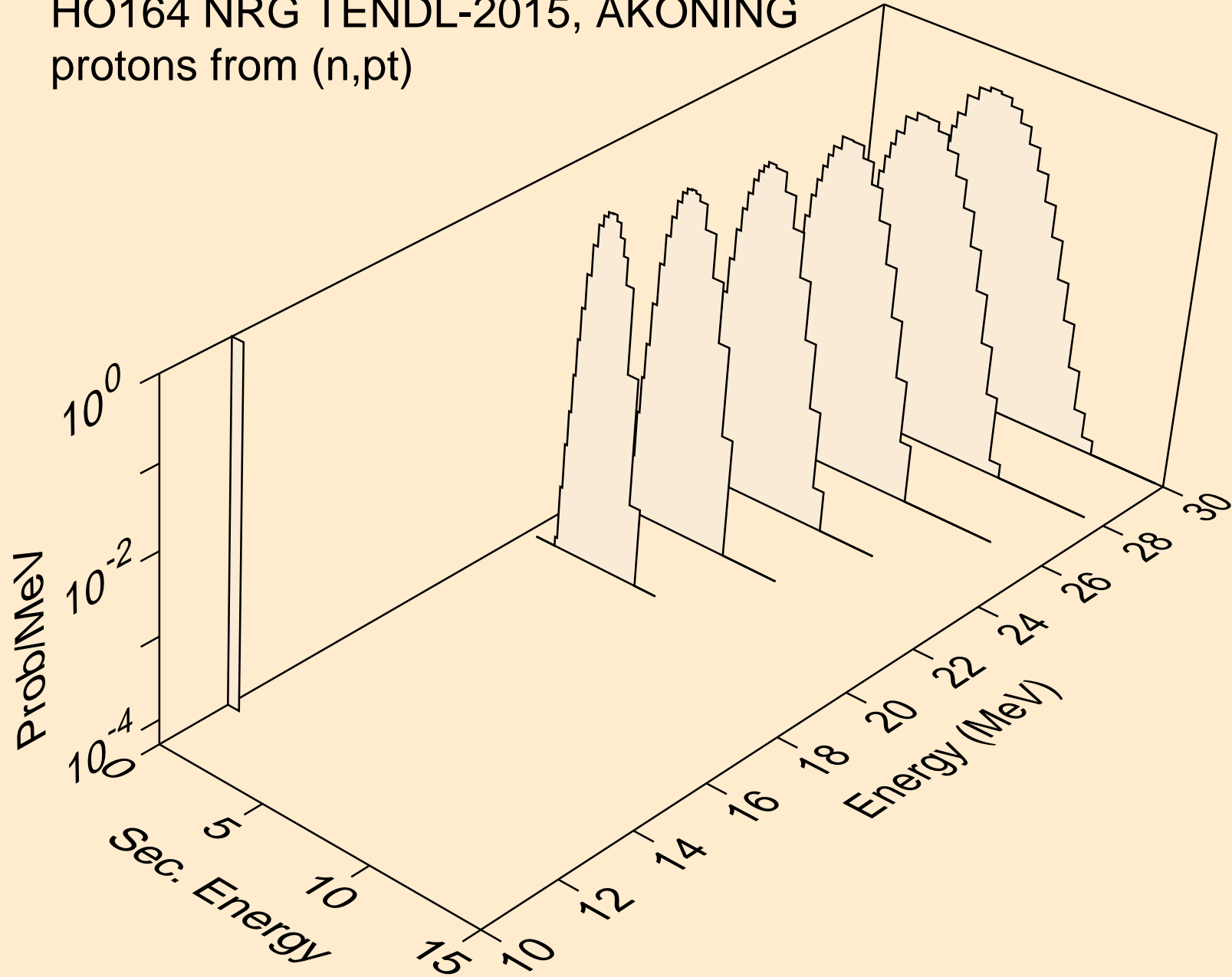
HO164 NRG TENDL-2015, AKONING  
protons from (n,pa)



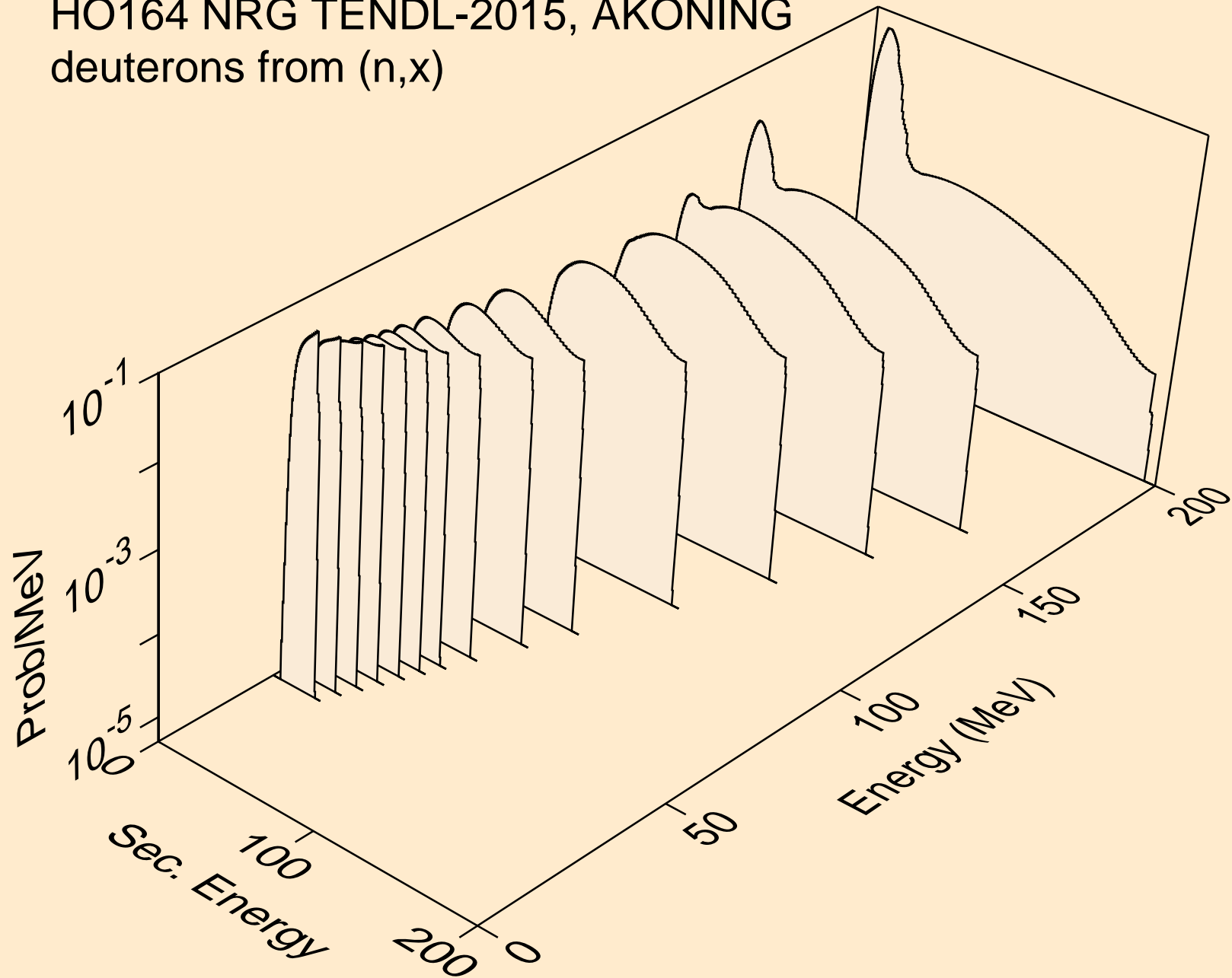
HO164 NRG TENDL-2015, AKONING  
protons from (n,pd)



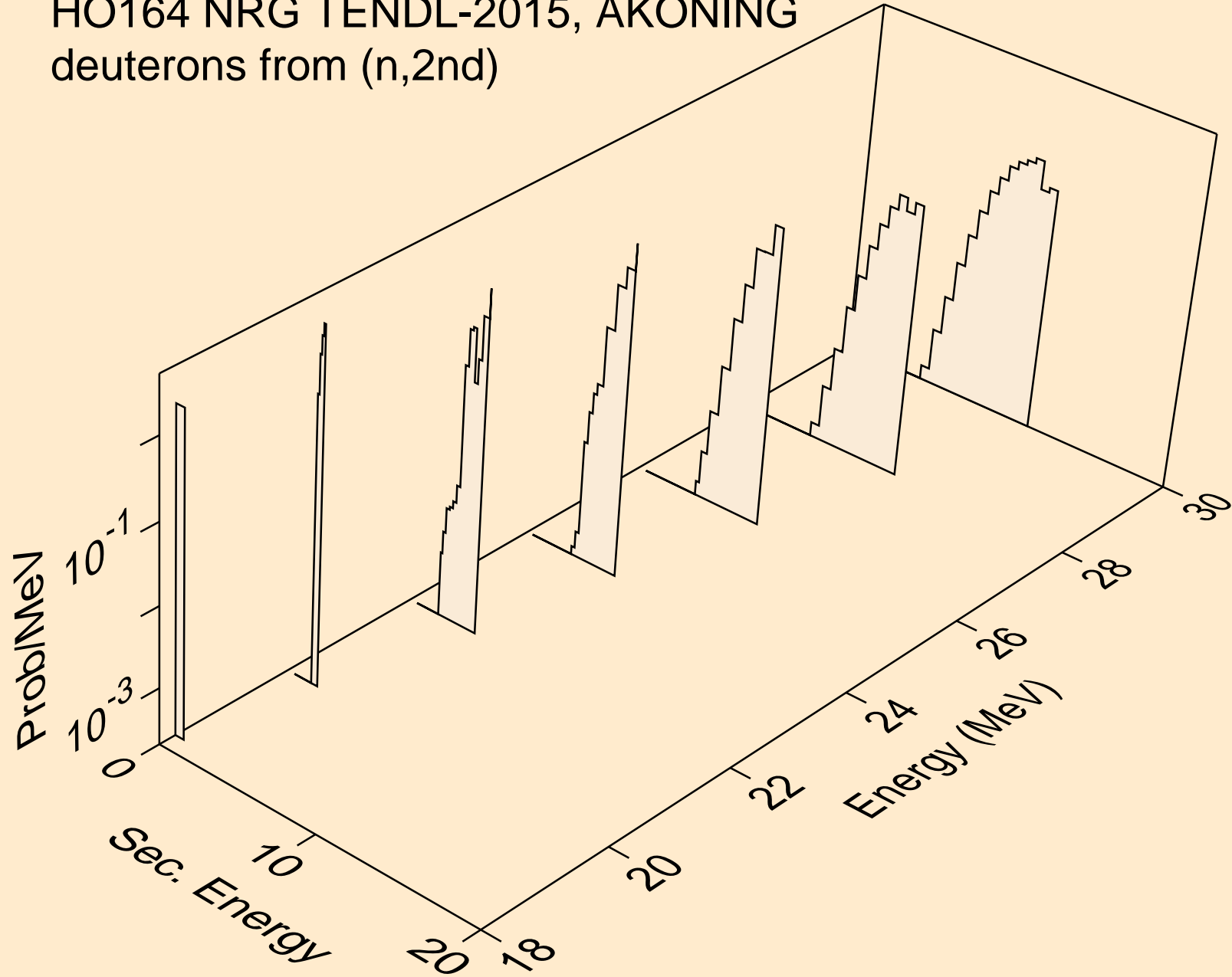
HO164 NRG TENDL-2015, AKONING  
protons from (n,pt)



HO164 NRG TENDL-2015, AKONING  
deuterons from (n,x)

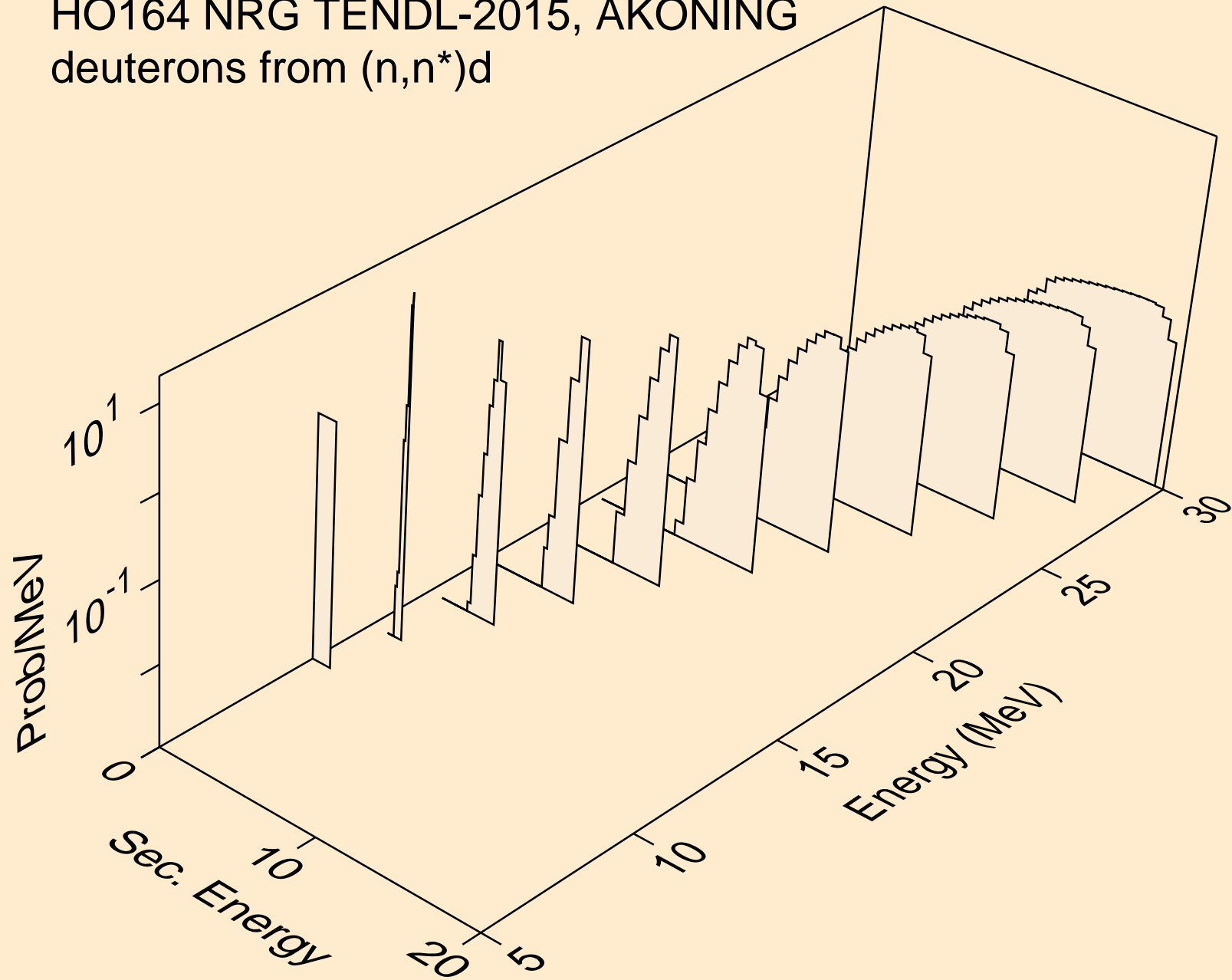


HO164 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

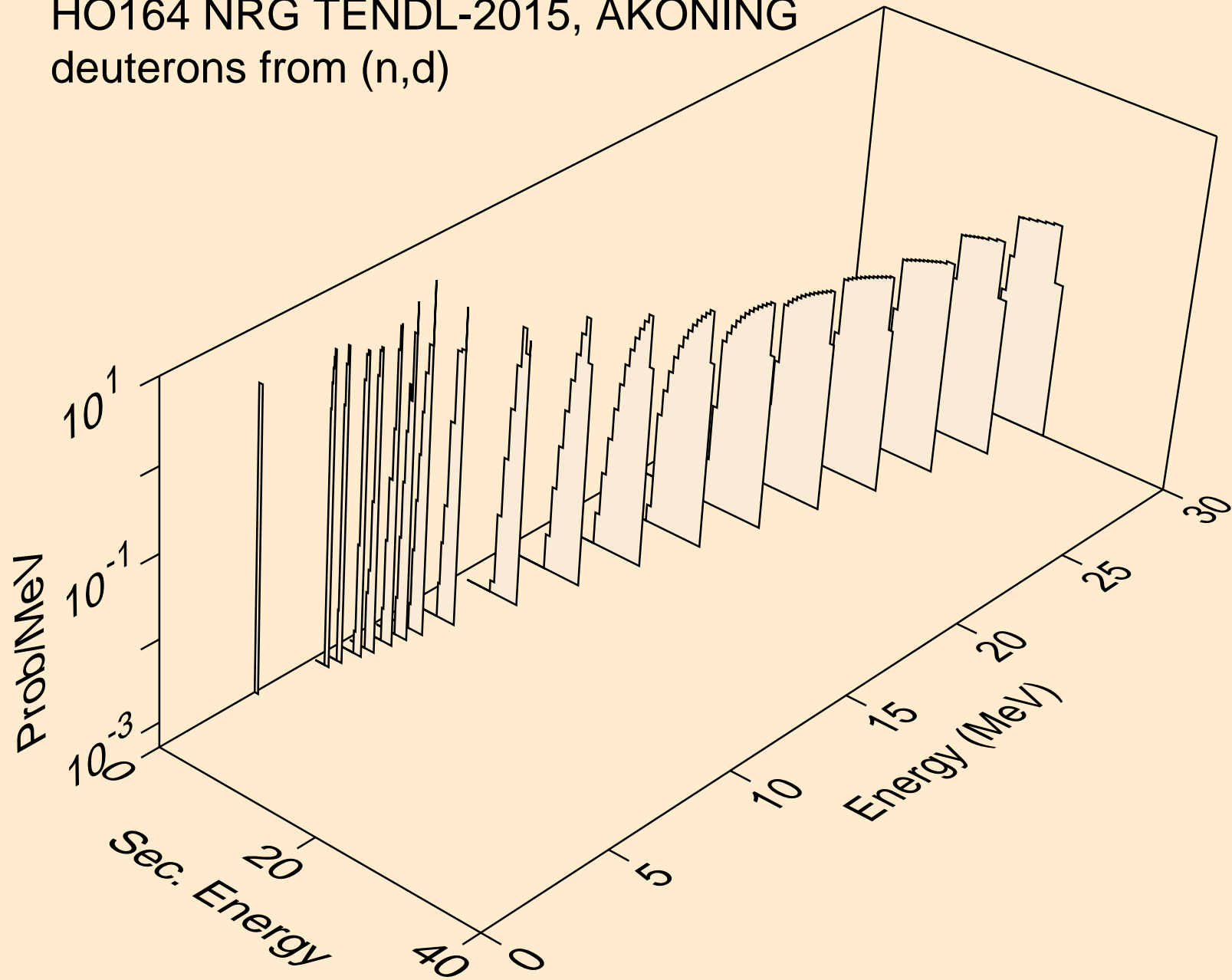




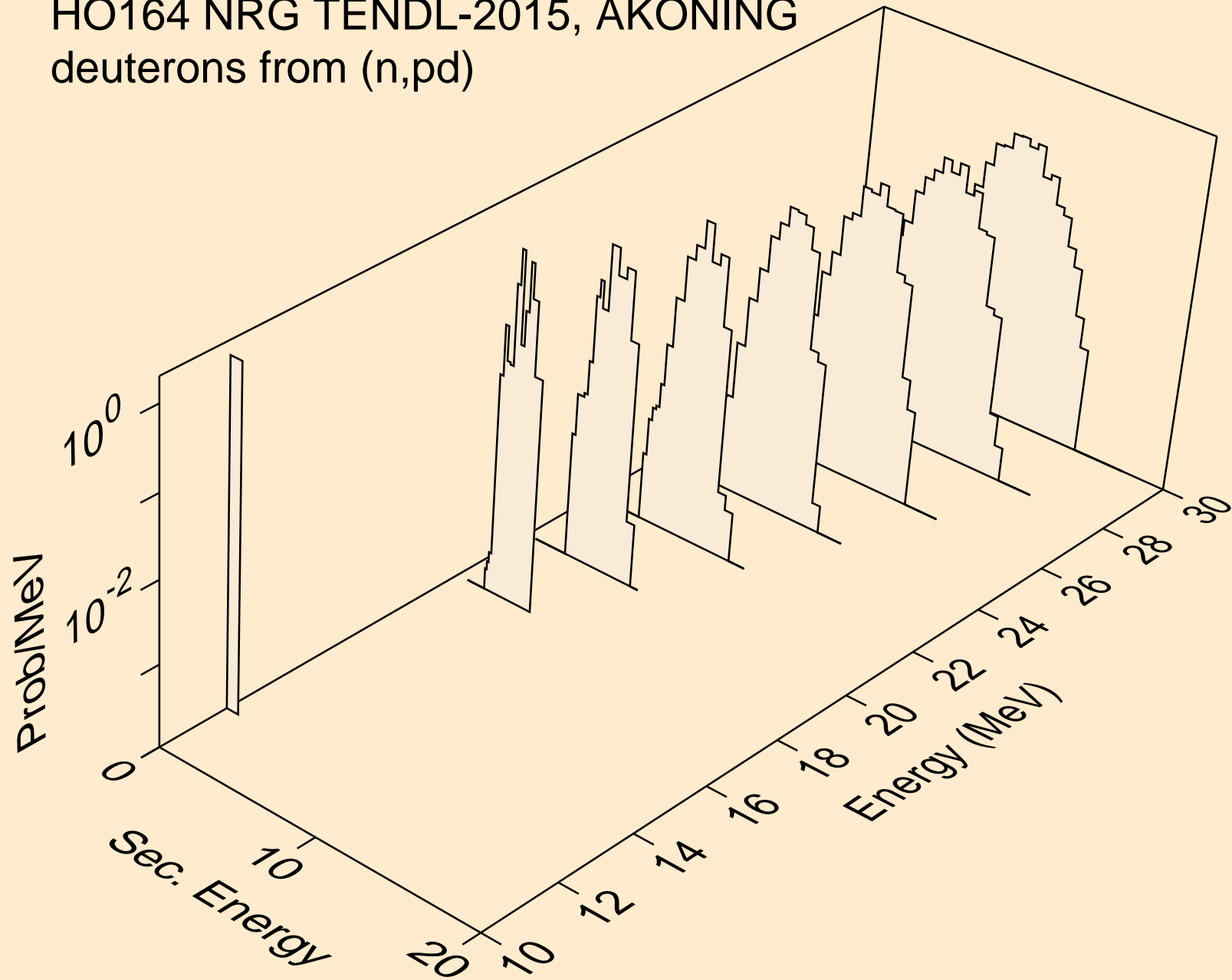
HO164 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



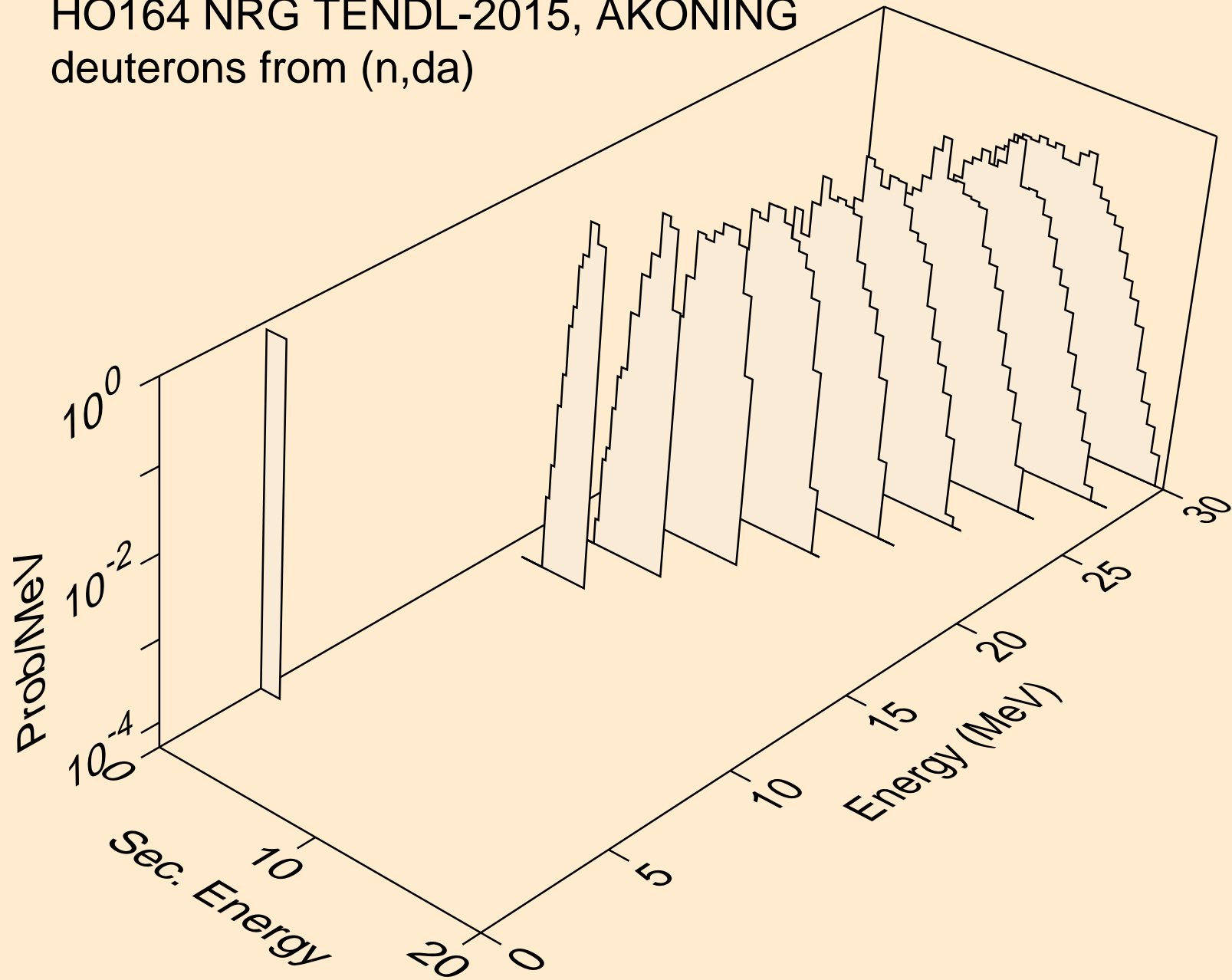
HO164 NRG TENDL-2015, AKONING  
deuterons from (n,d)



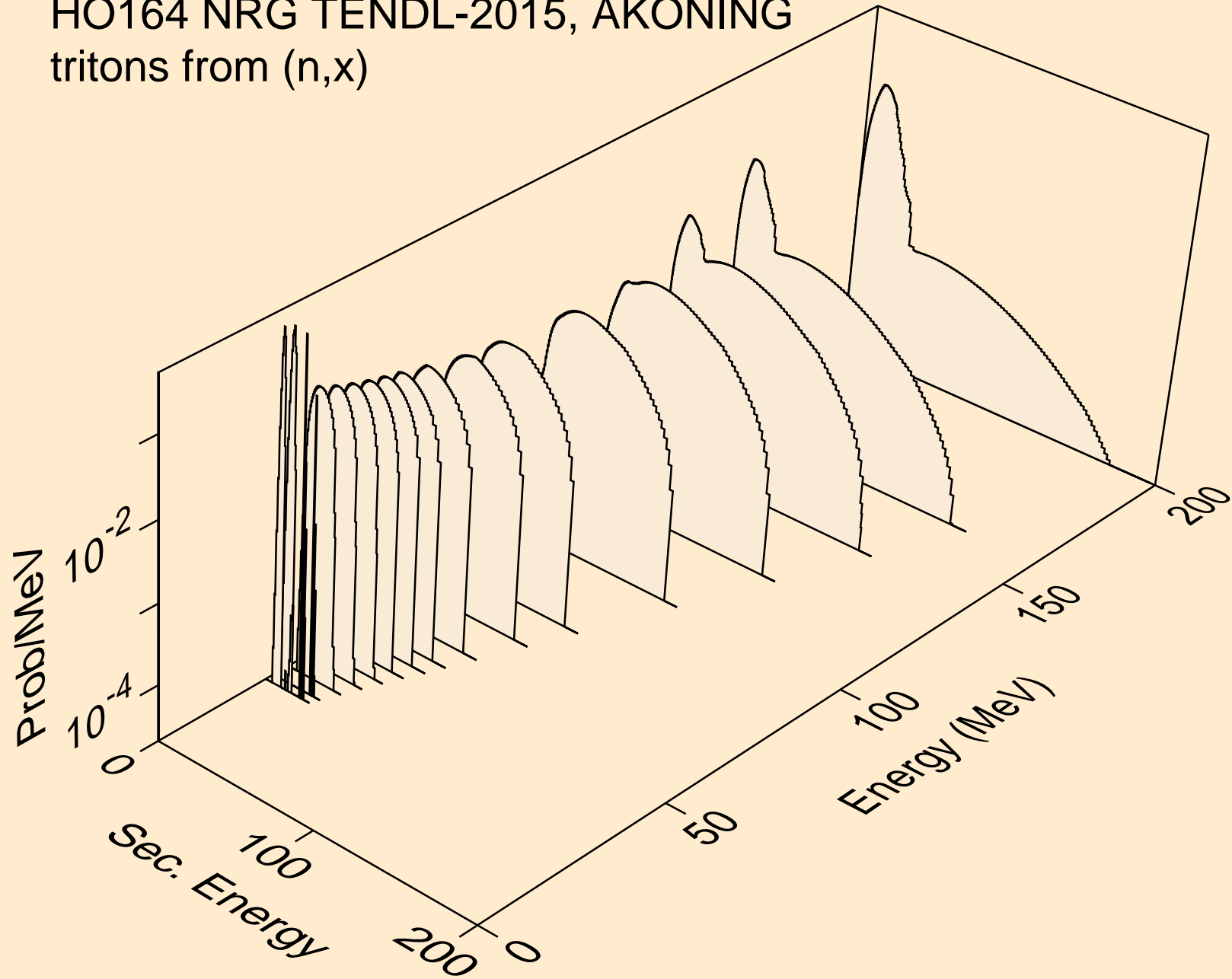
HO164 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



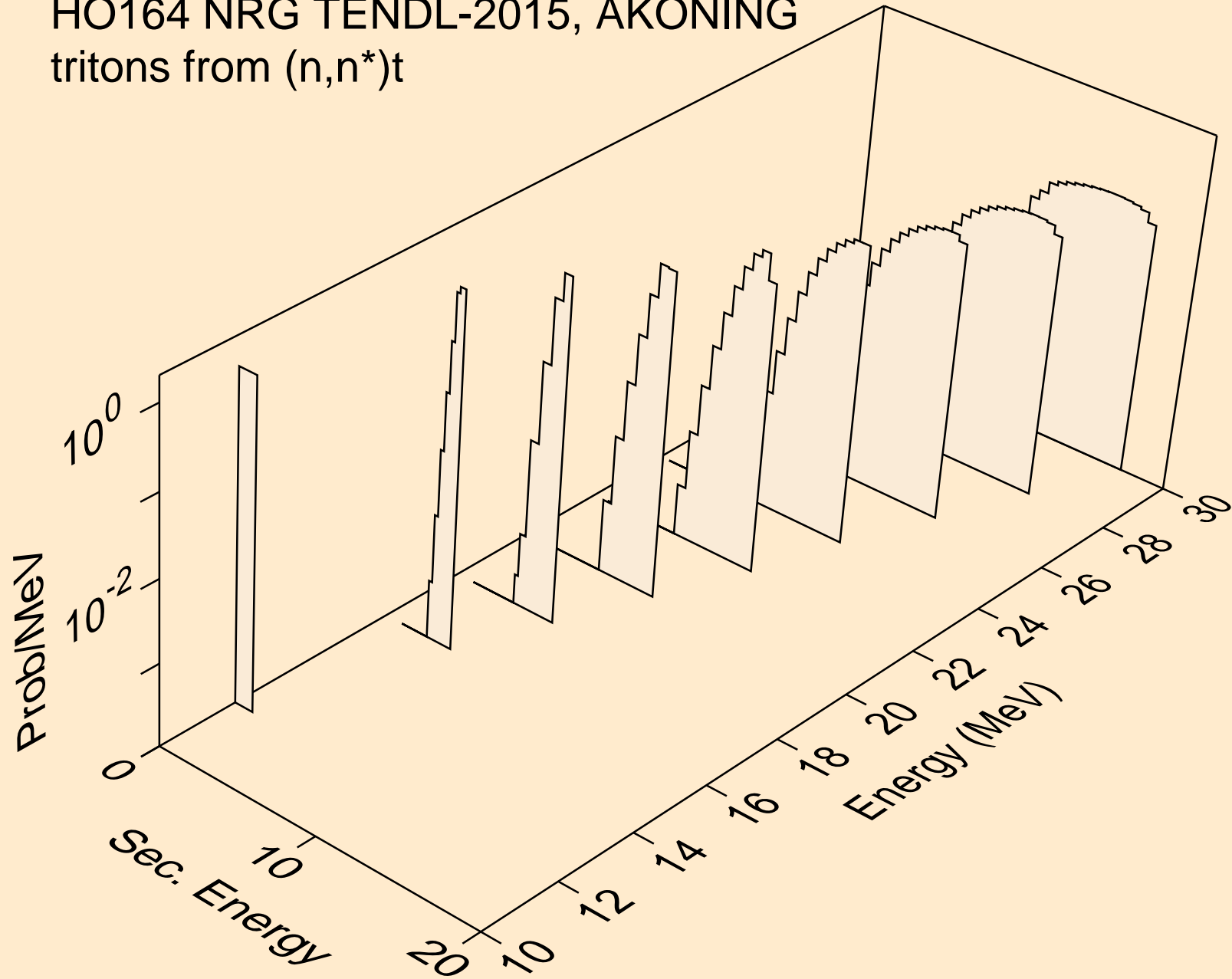
HO164 NRG TENDL-2015, AKONING  
deuterons from (n,da)



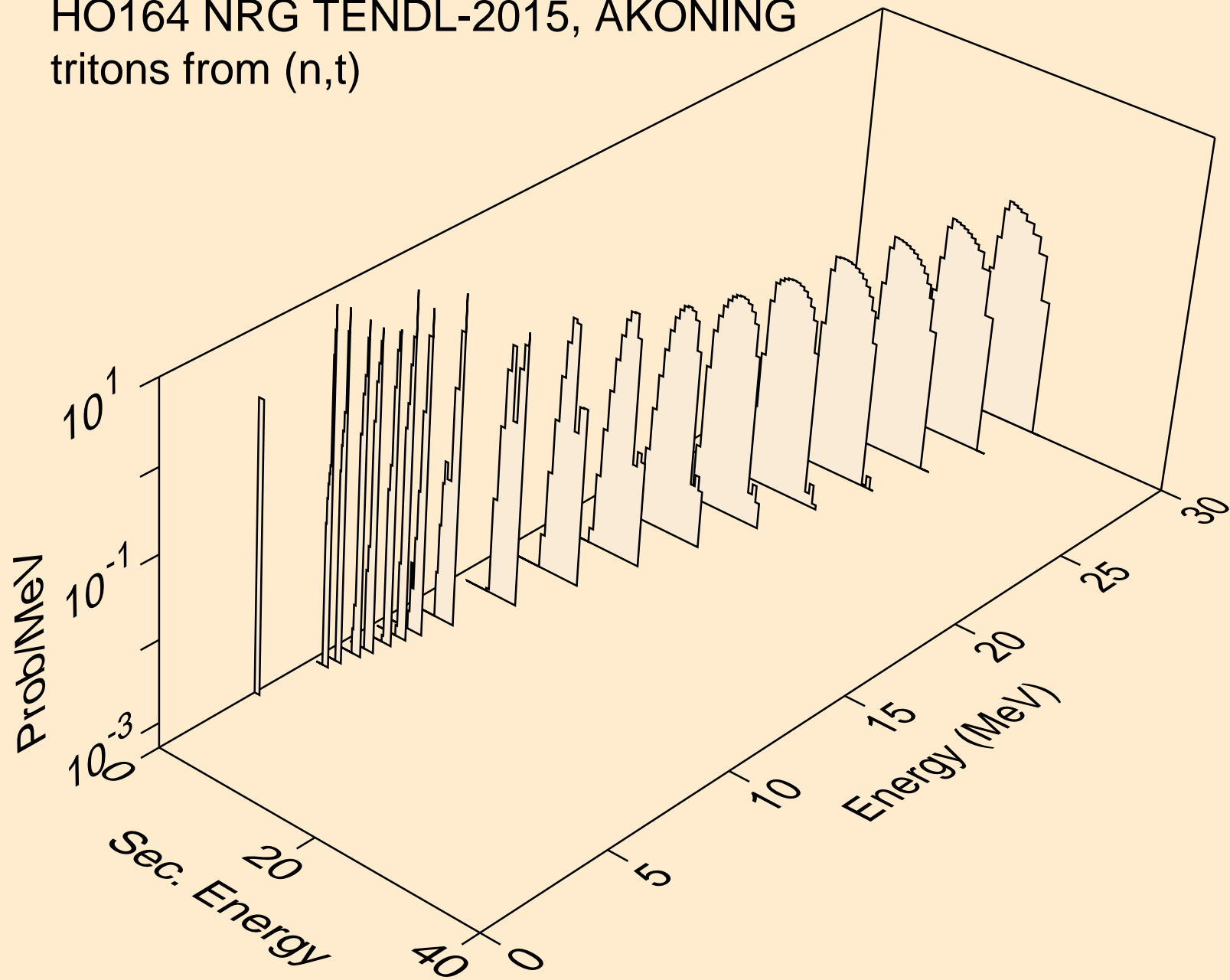
HO164 NRG TENDL-2015, AKONING  
tritons from (n,x)



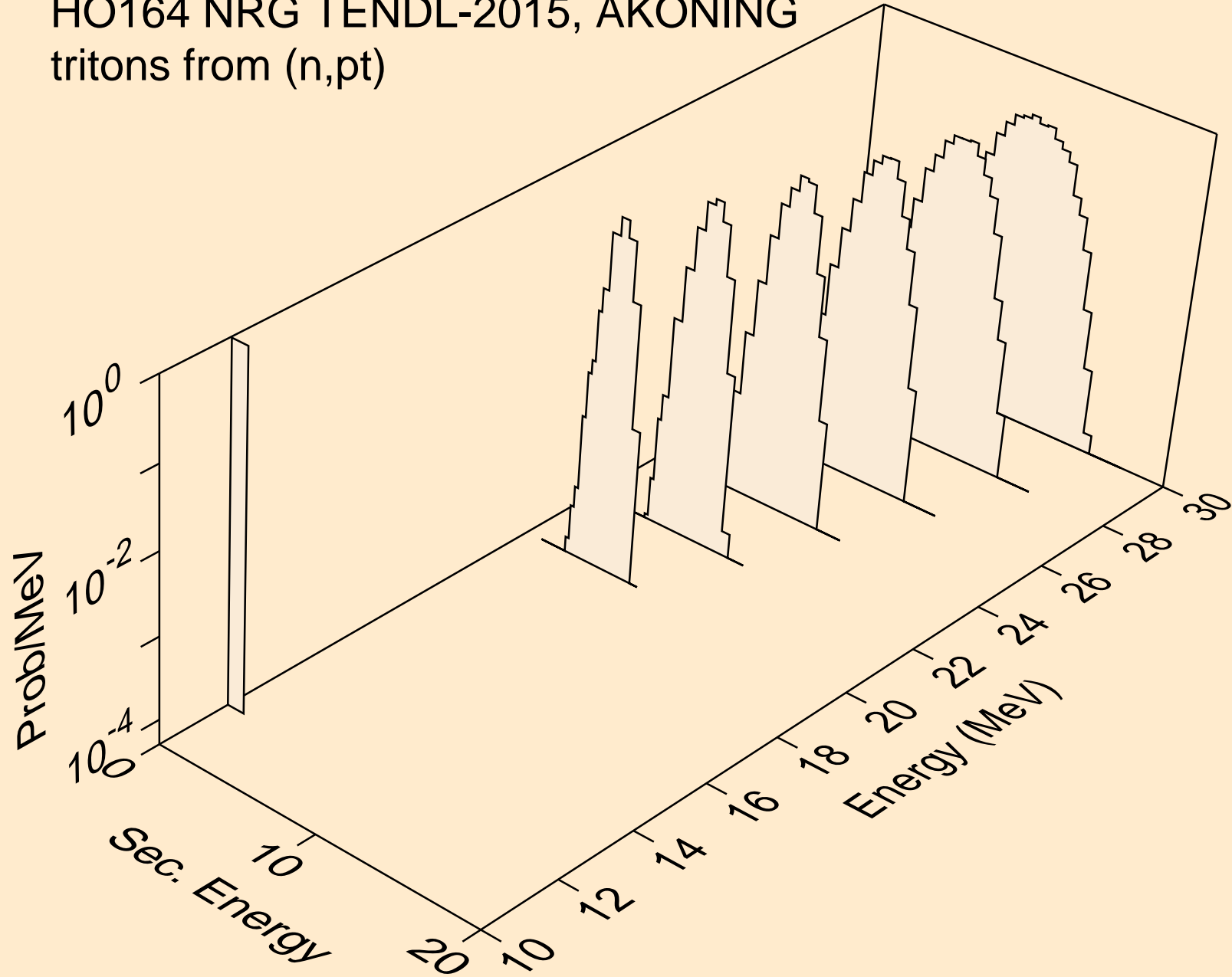
HO164 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



HO164 NRG TENDL-2015, AKONING  
tritons from (n,t)

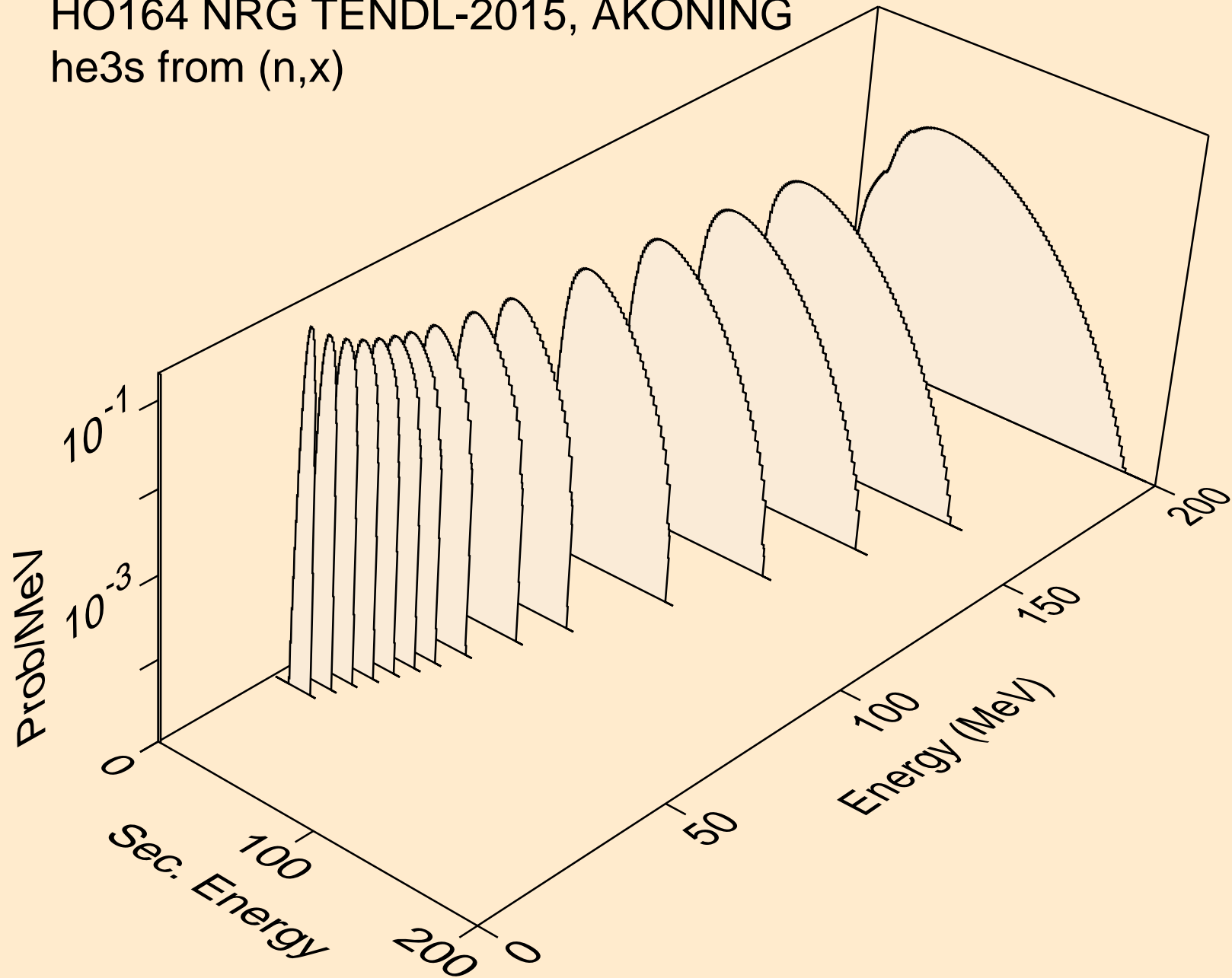


HO164 NRG TENDL-2015, AKONING  
tritons from (n,pt)

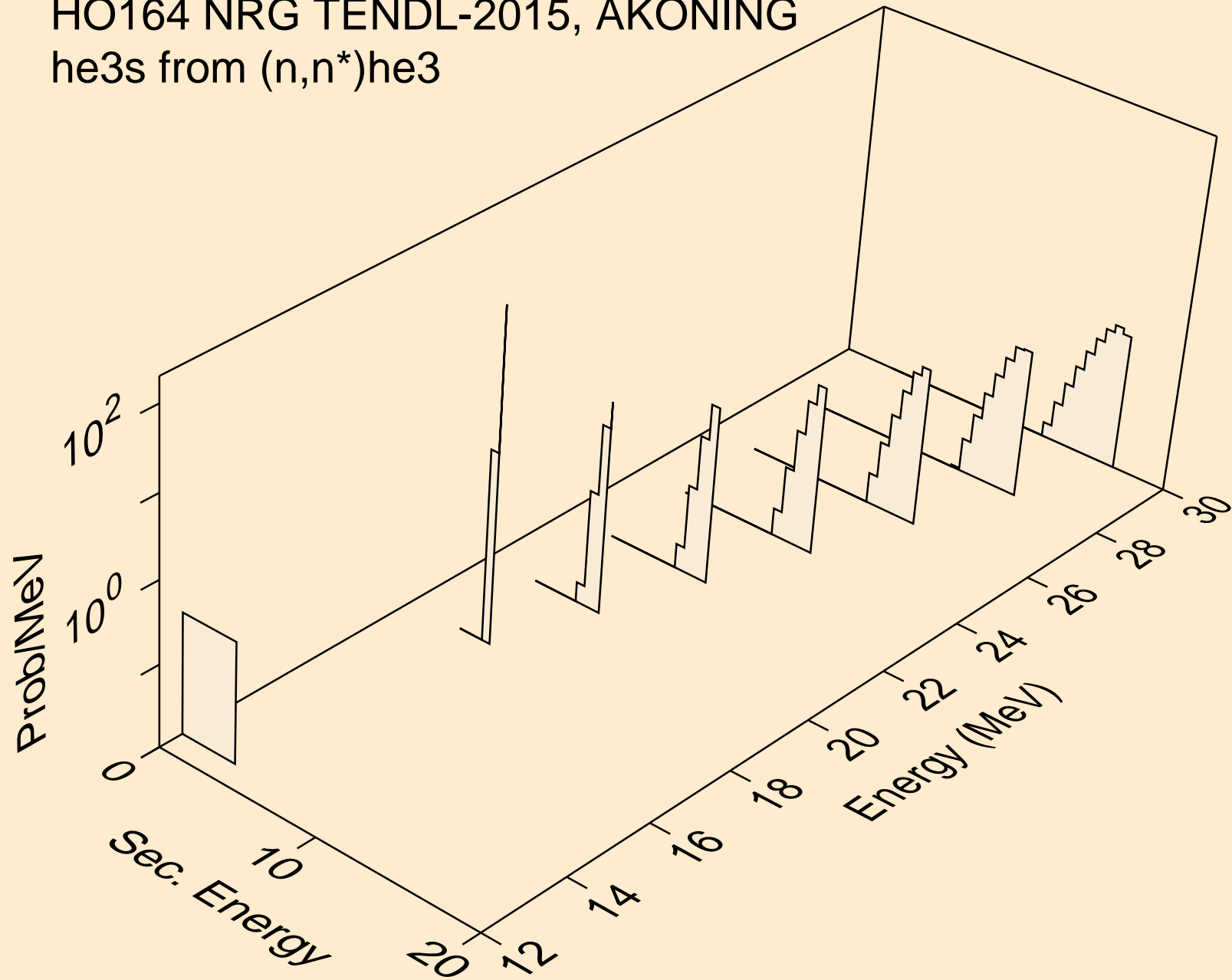




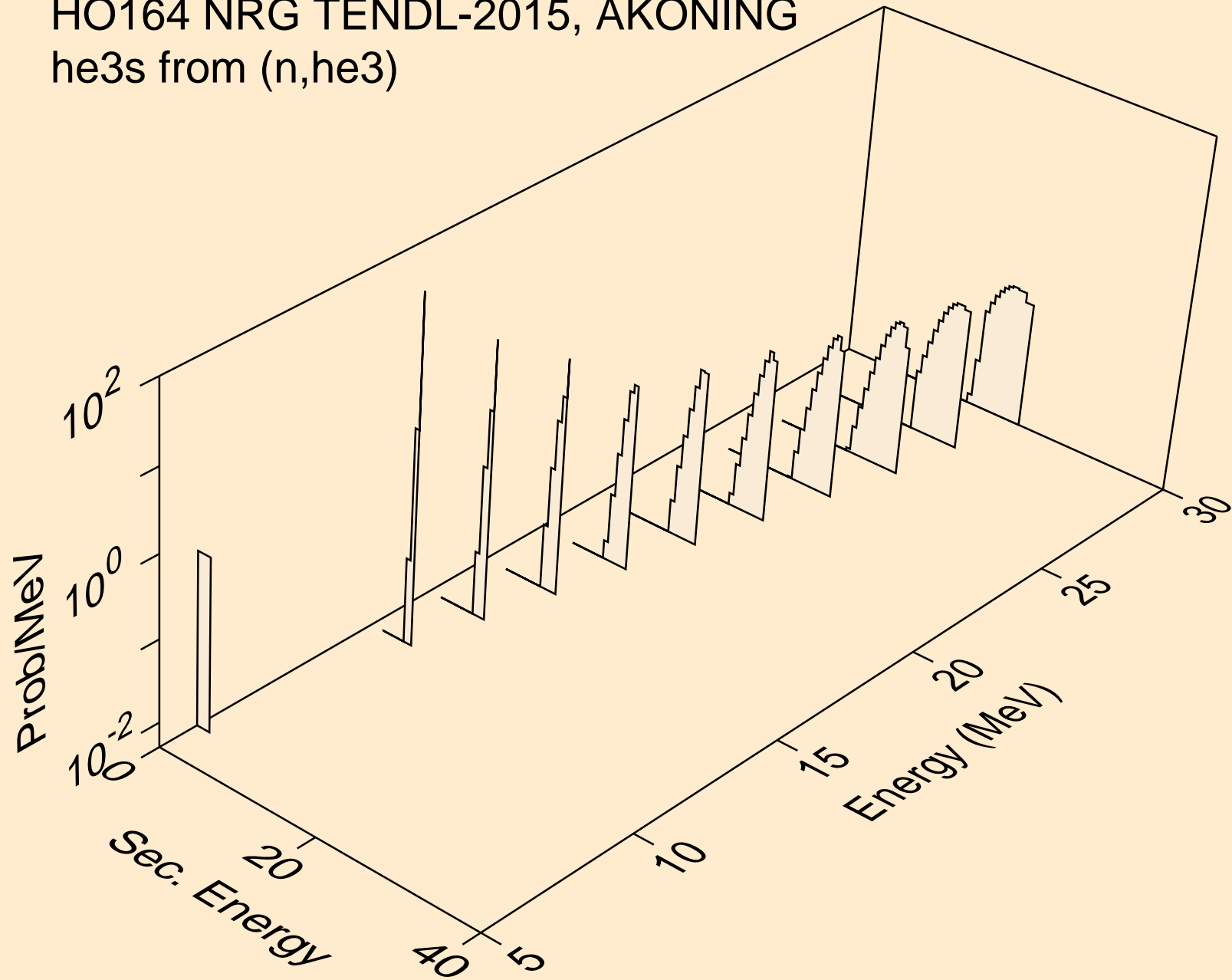
HO164 NRG TENDL-2015, AKONING  
he3s from (n,x)



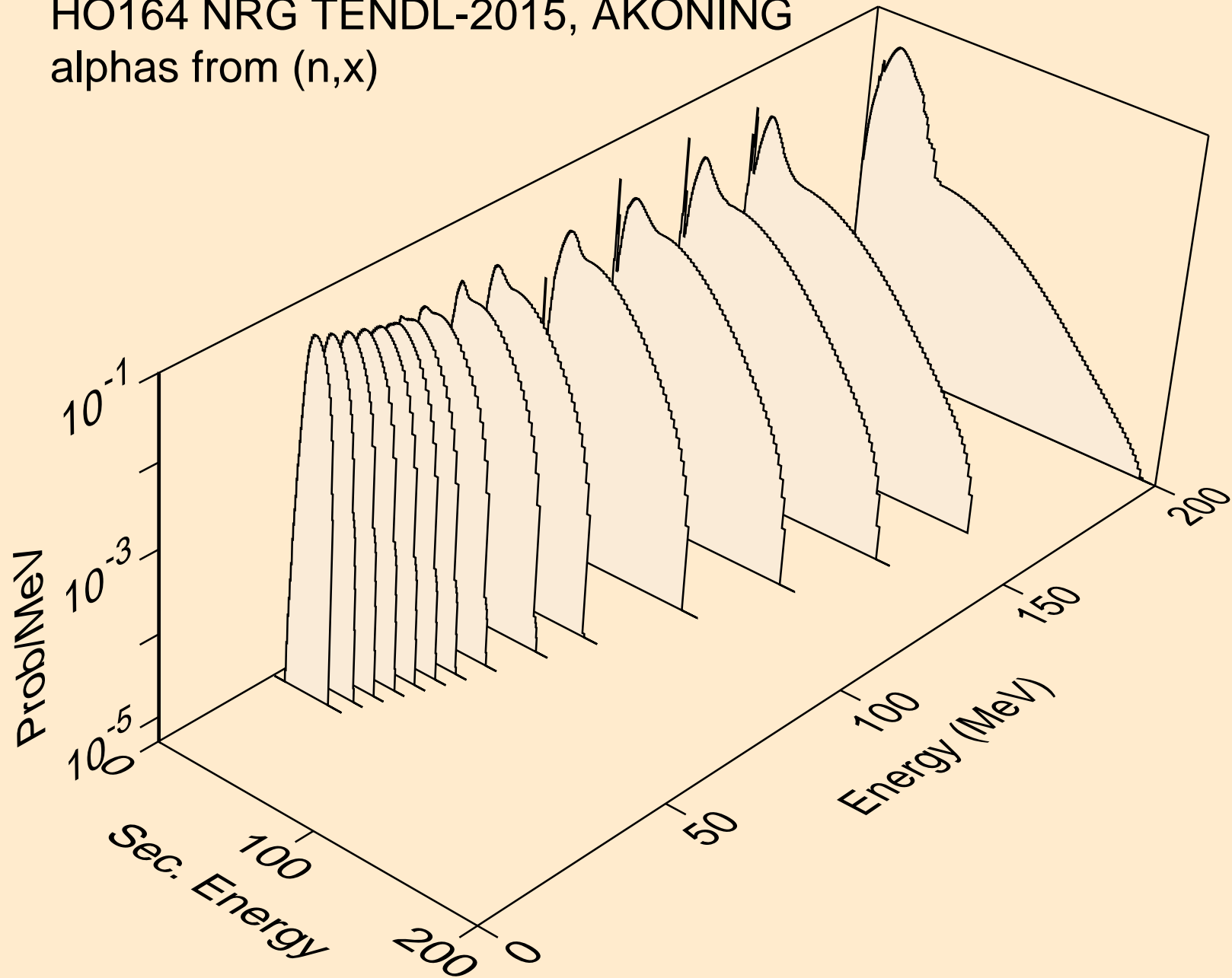
HO164 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



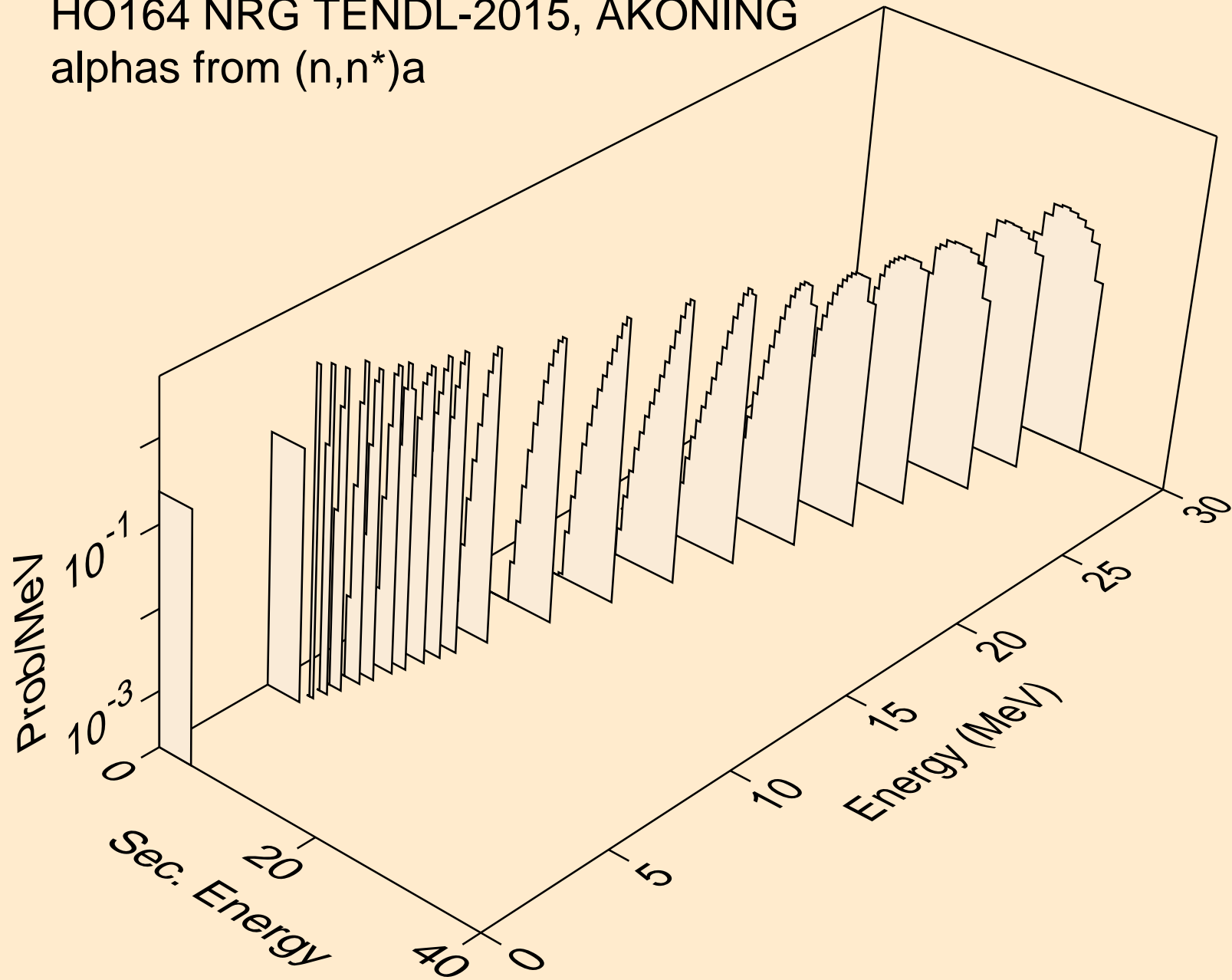
HO164 NRG TENDL-2015, AKONING  
he3s from (n,he3)



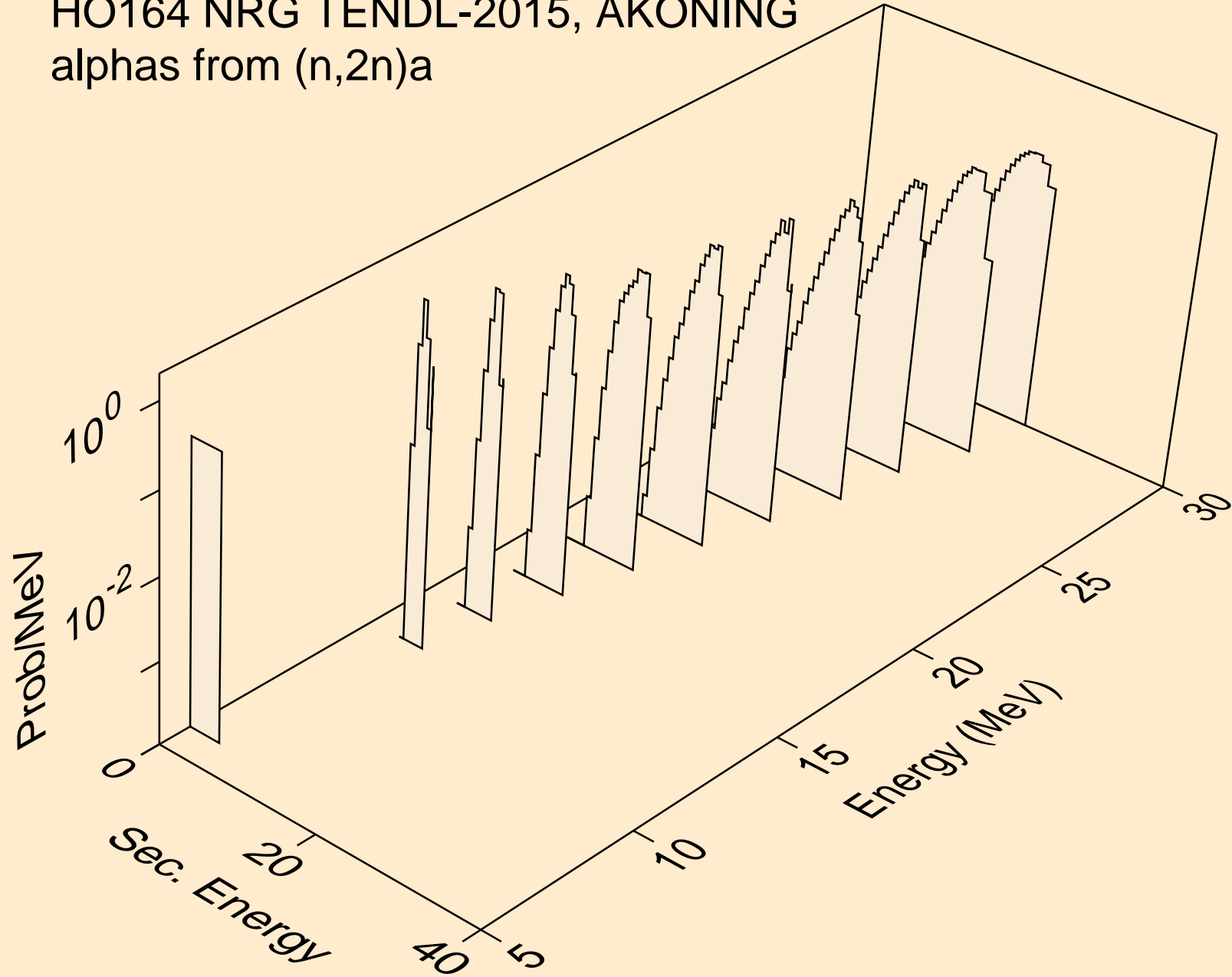
HO164 NRG TENDL-2015, AKONING  
alphas from (n,x)



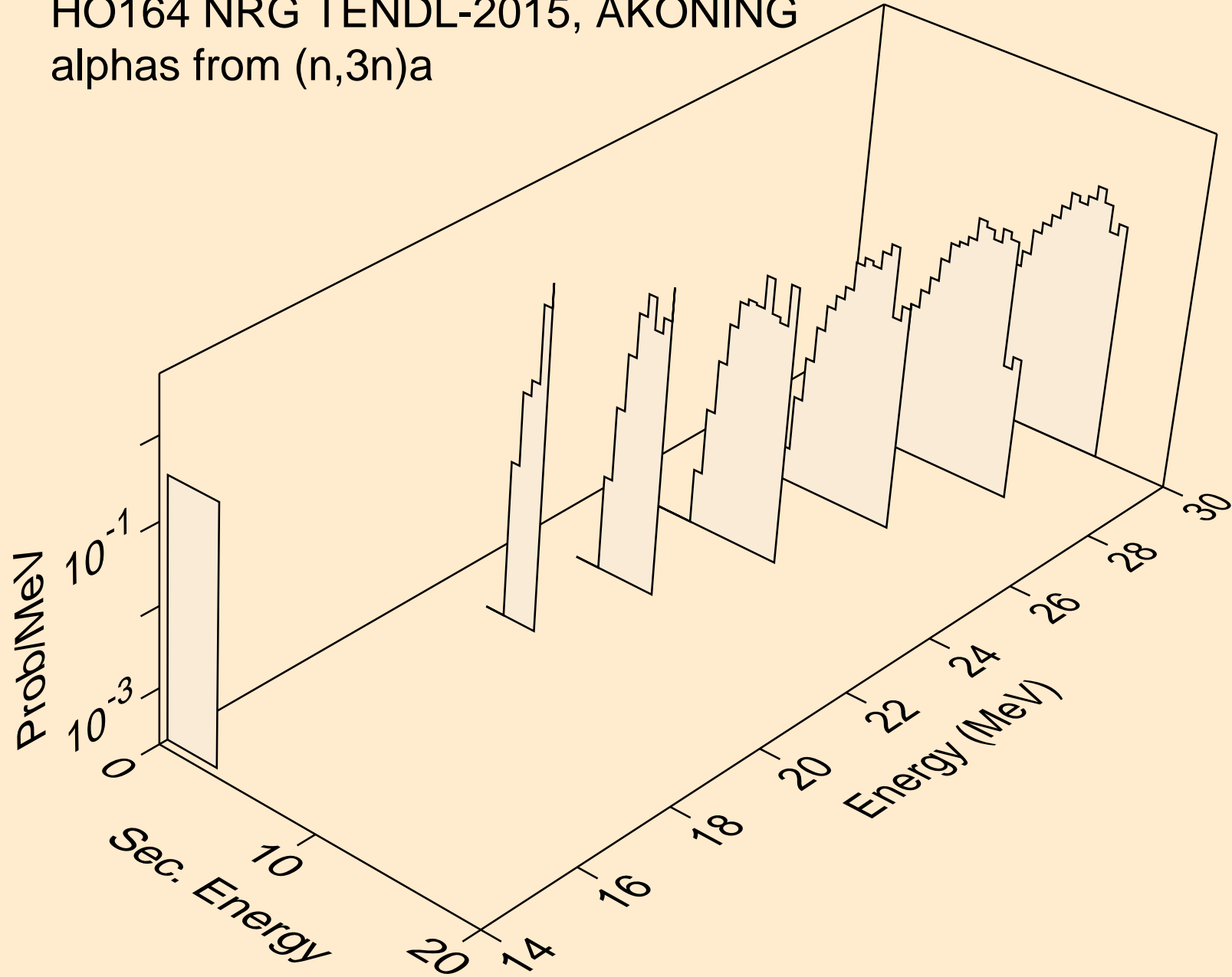
HO164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



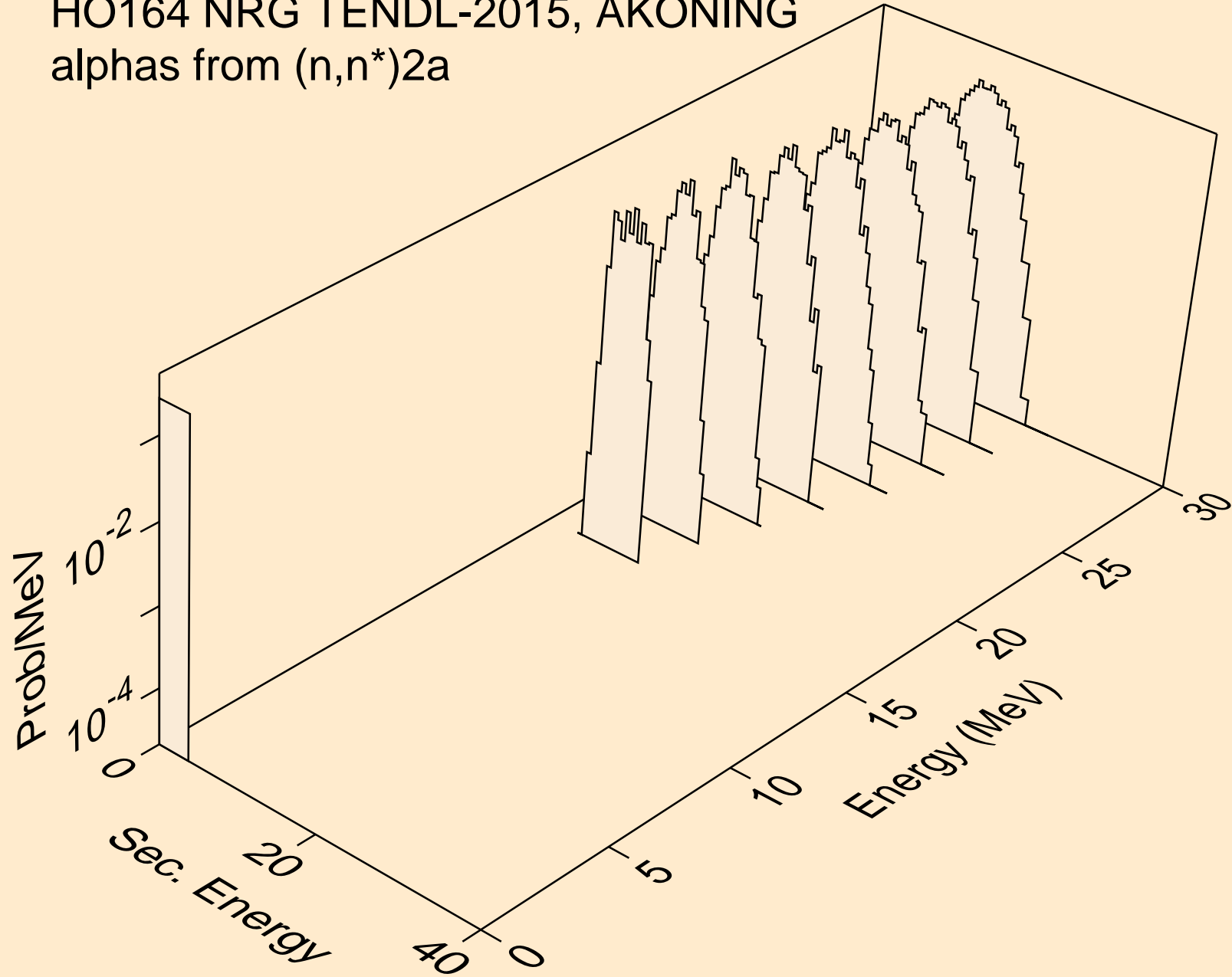
HO164 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



HO164 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

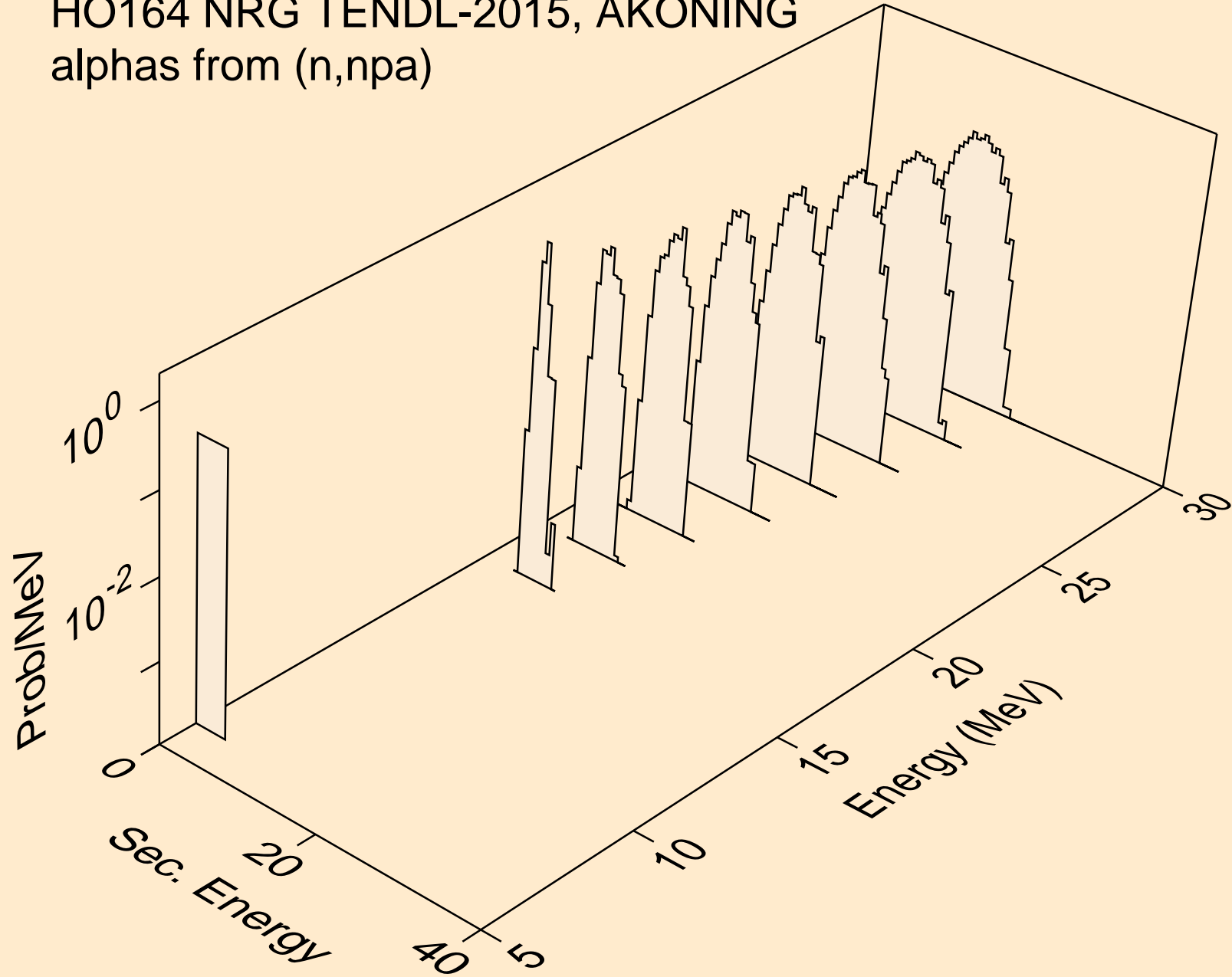


HO164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

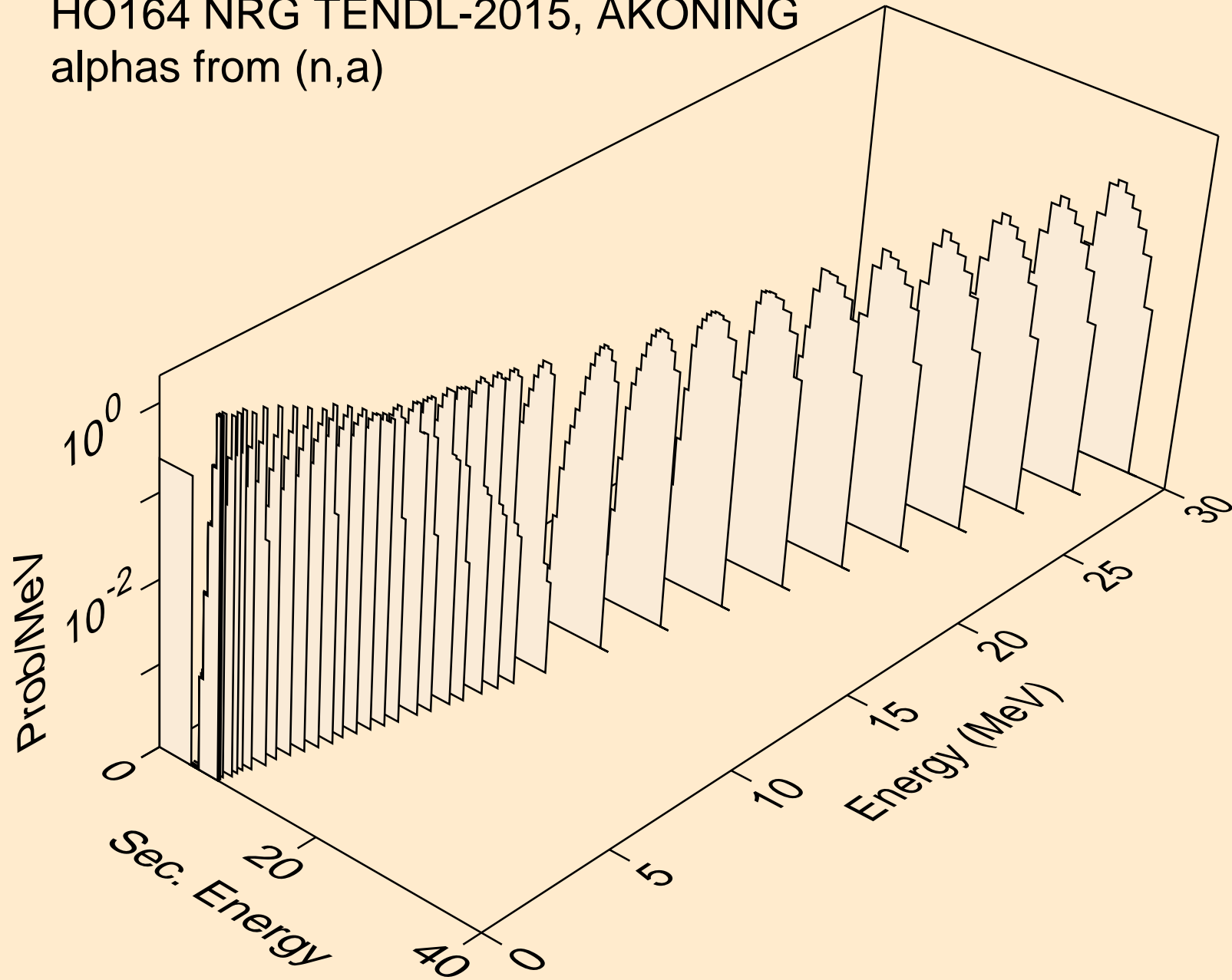




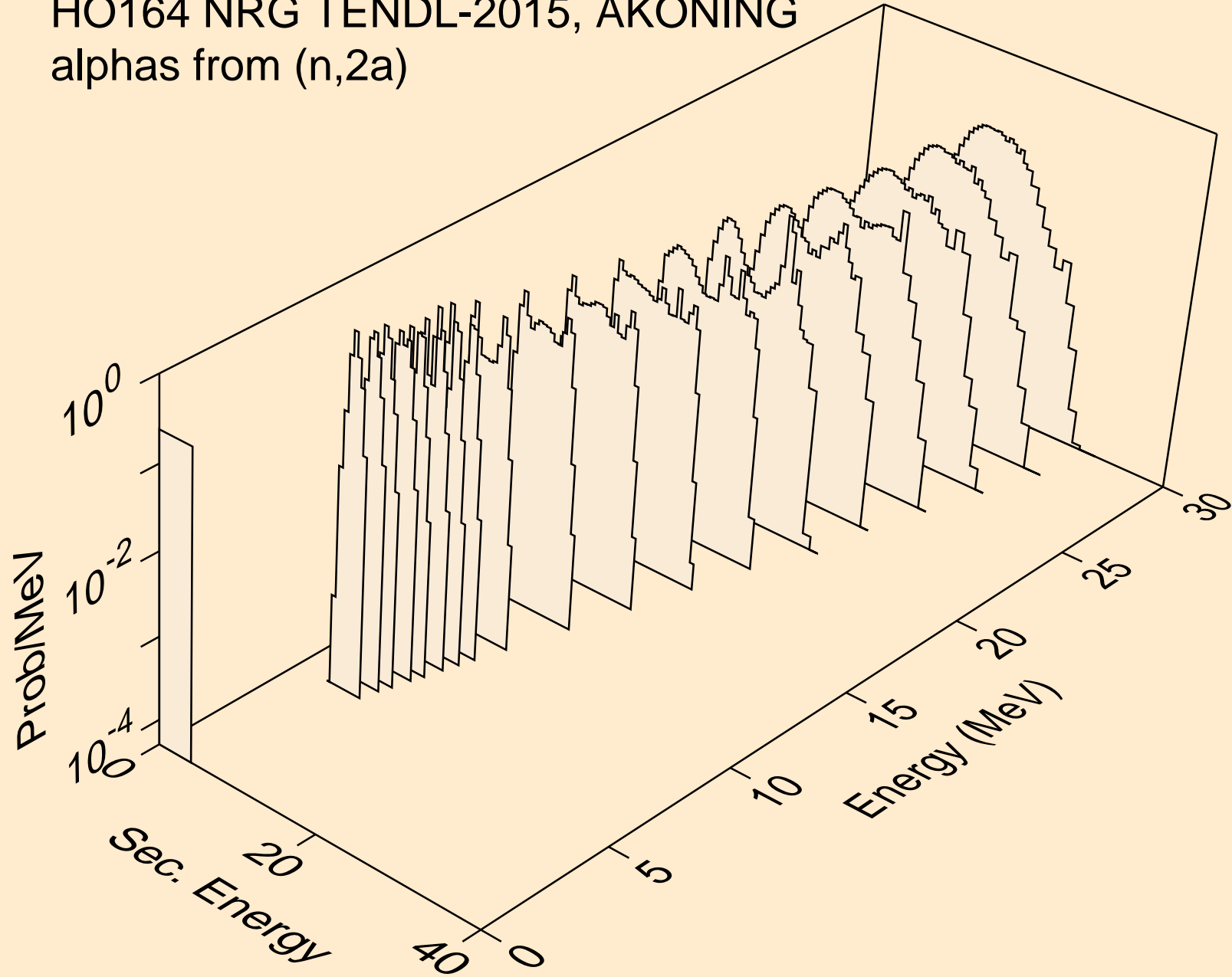
HO164 NRG TENDL-2015, AKONING  
alphas from (n,npa)



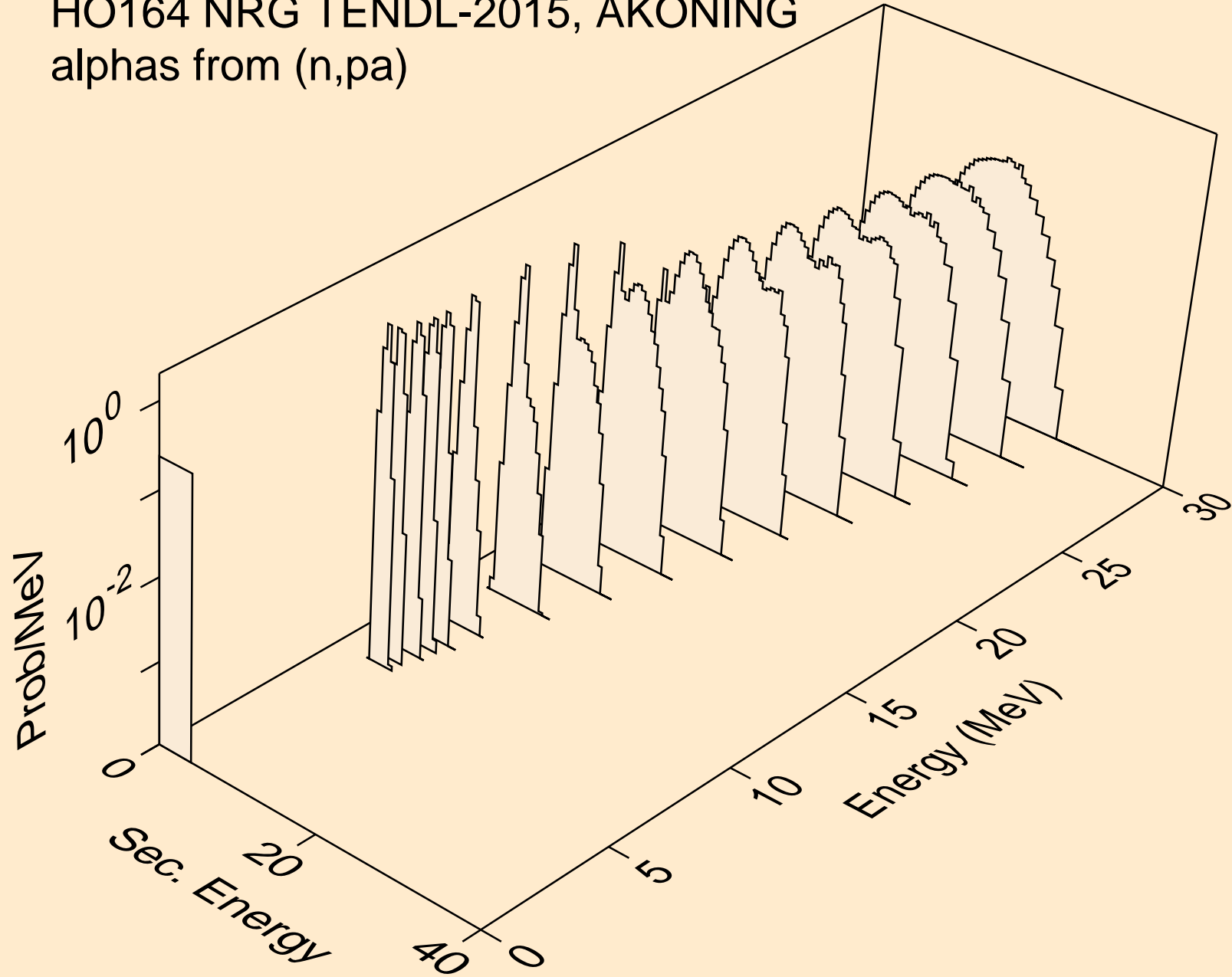
HO164 NRG TENDL-2015, AKONING  
alphas from (n,a)



HO164 NRG TENDL-2015, AKONING  
alphas from (n,2a)



HO164 NRG TENDL-2015, AKONING  
alphas from (n,pa)



HO164 NRG TENDL-2015, AKONING  
alphas from (n,da)

