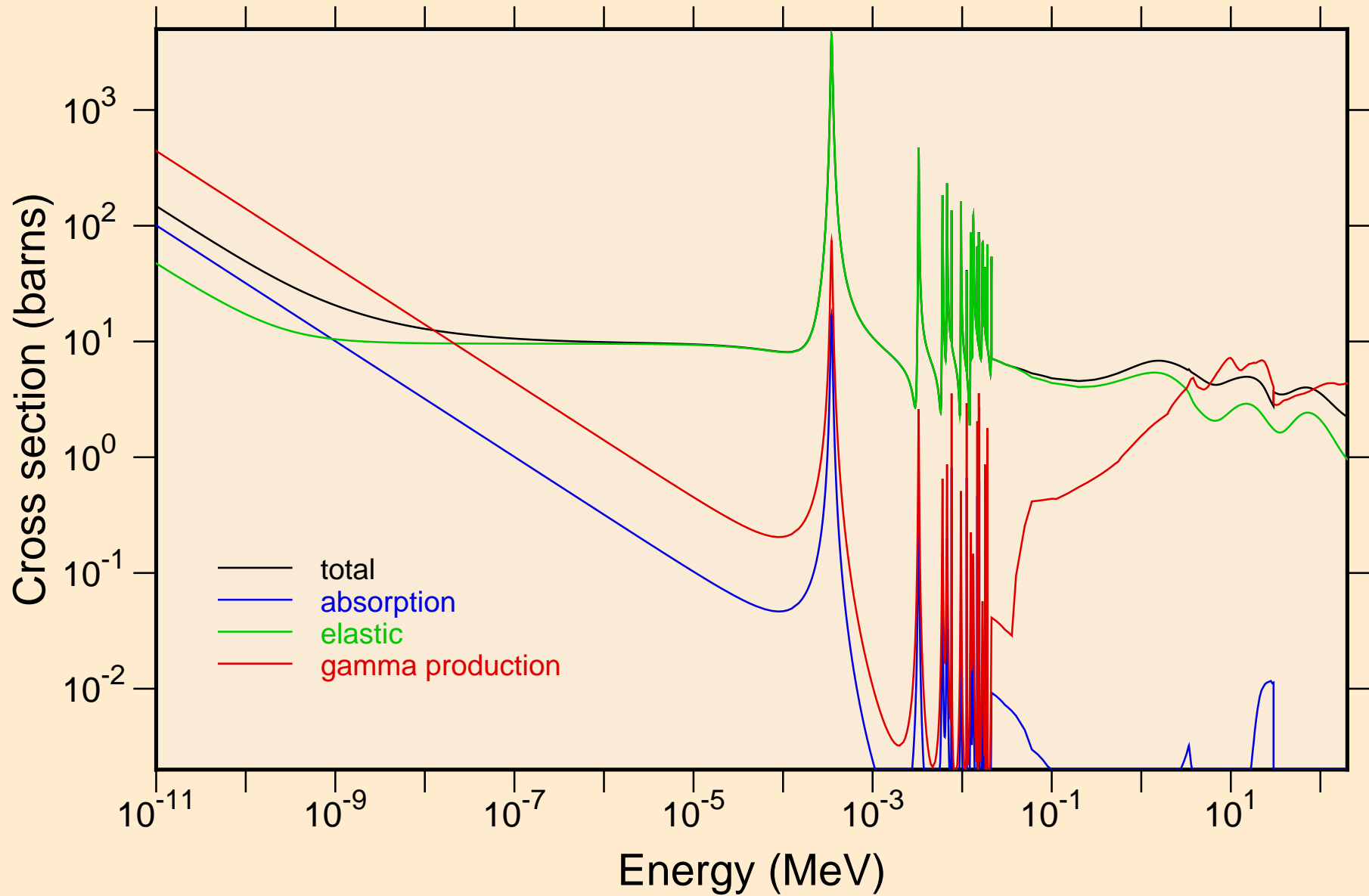
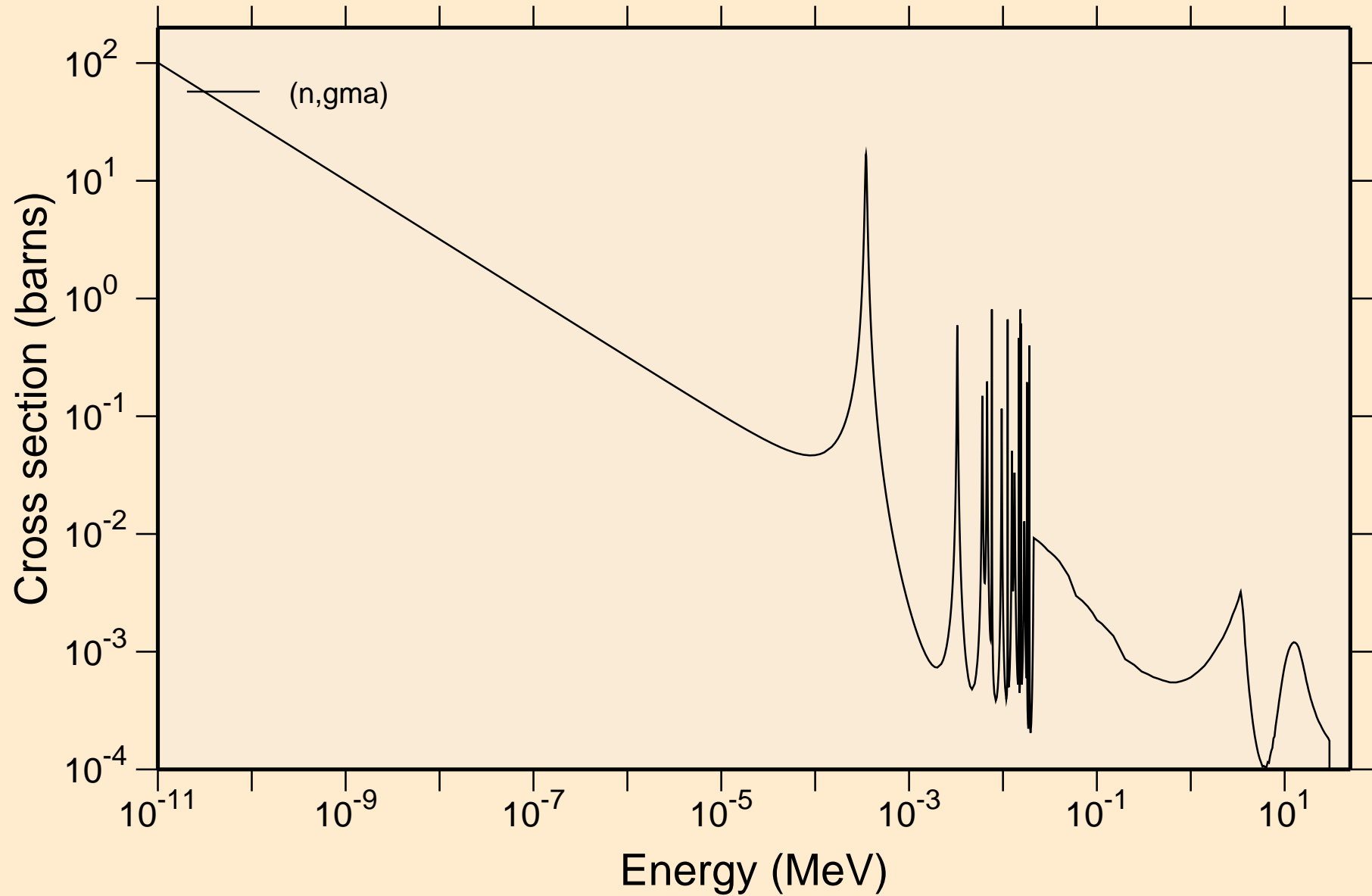


# XE141 NRG TENDL-2015, AKONING

## Principal cross sections

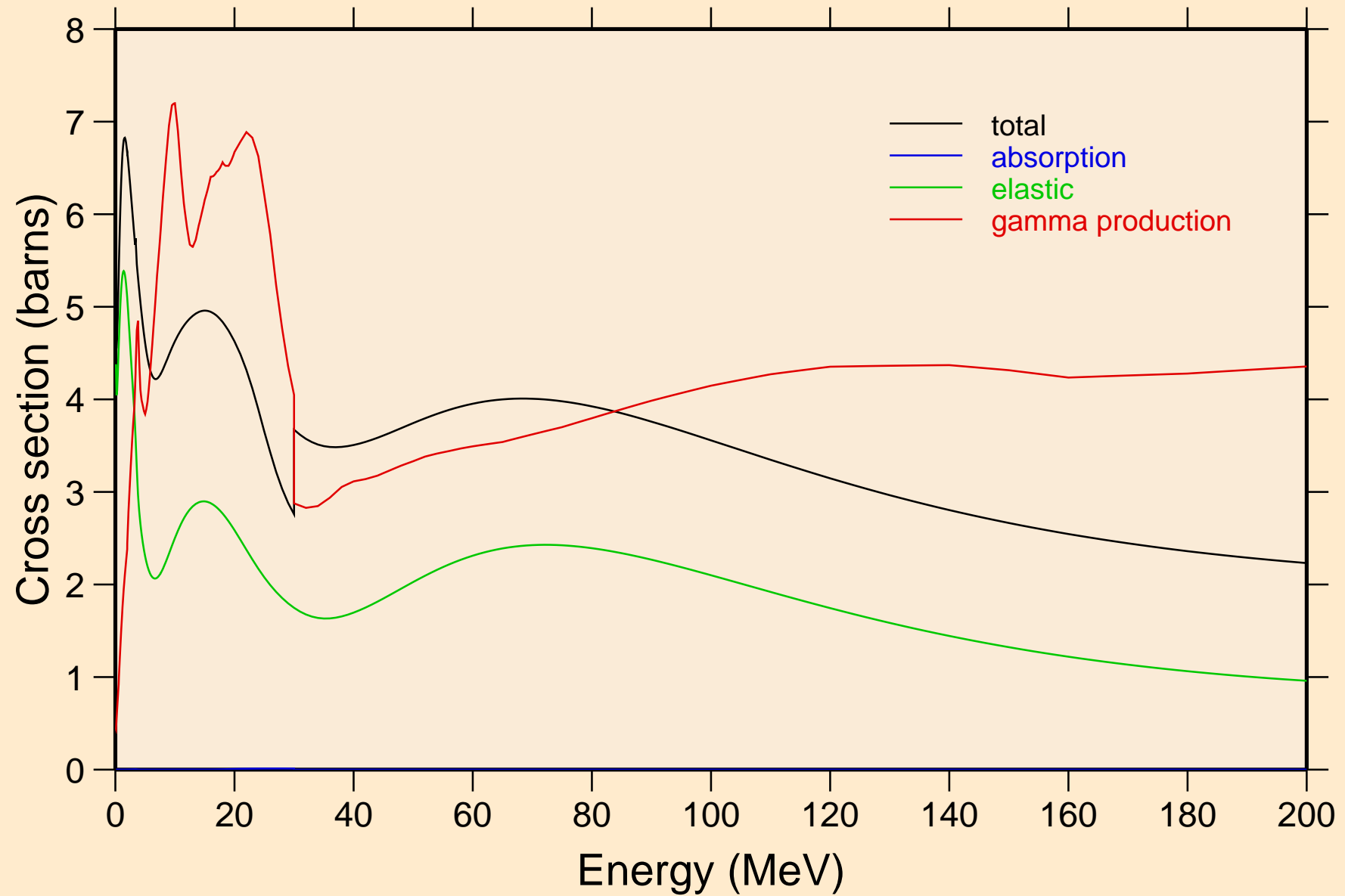


XE141 NRG TENDL-2015, AKONING  
Non-threshold reactions

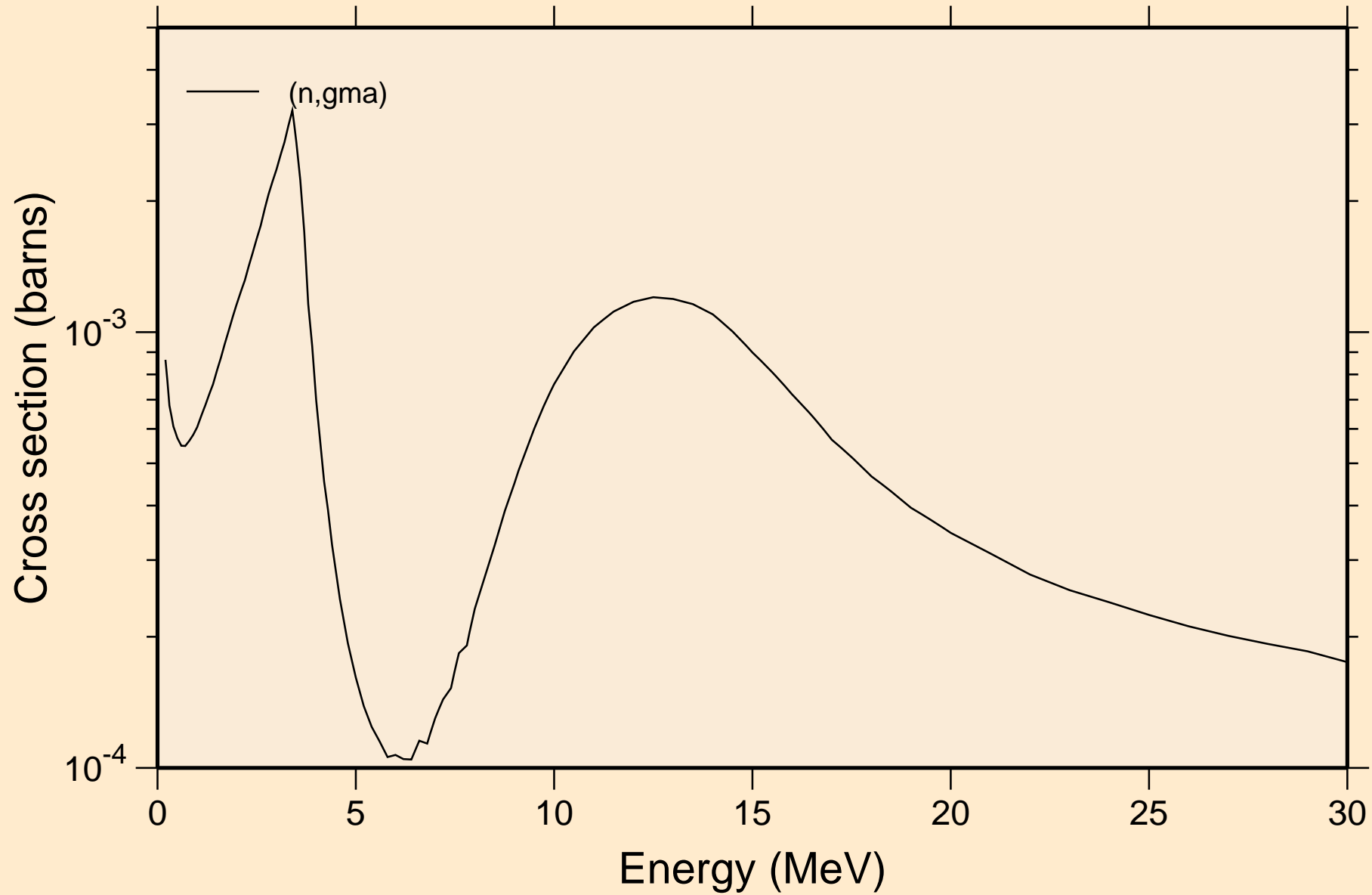


# XE141 NRG TENDL-2015, AKONING

## Principal cross sections

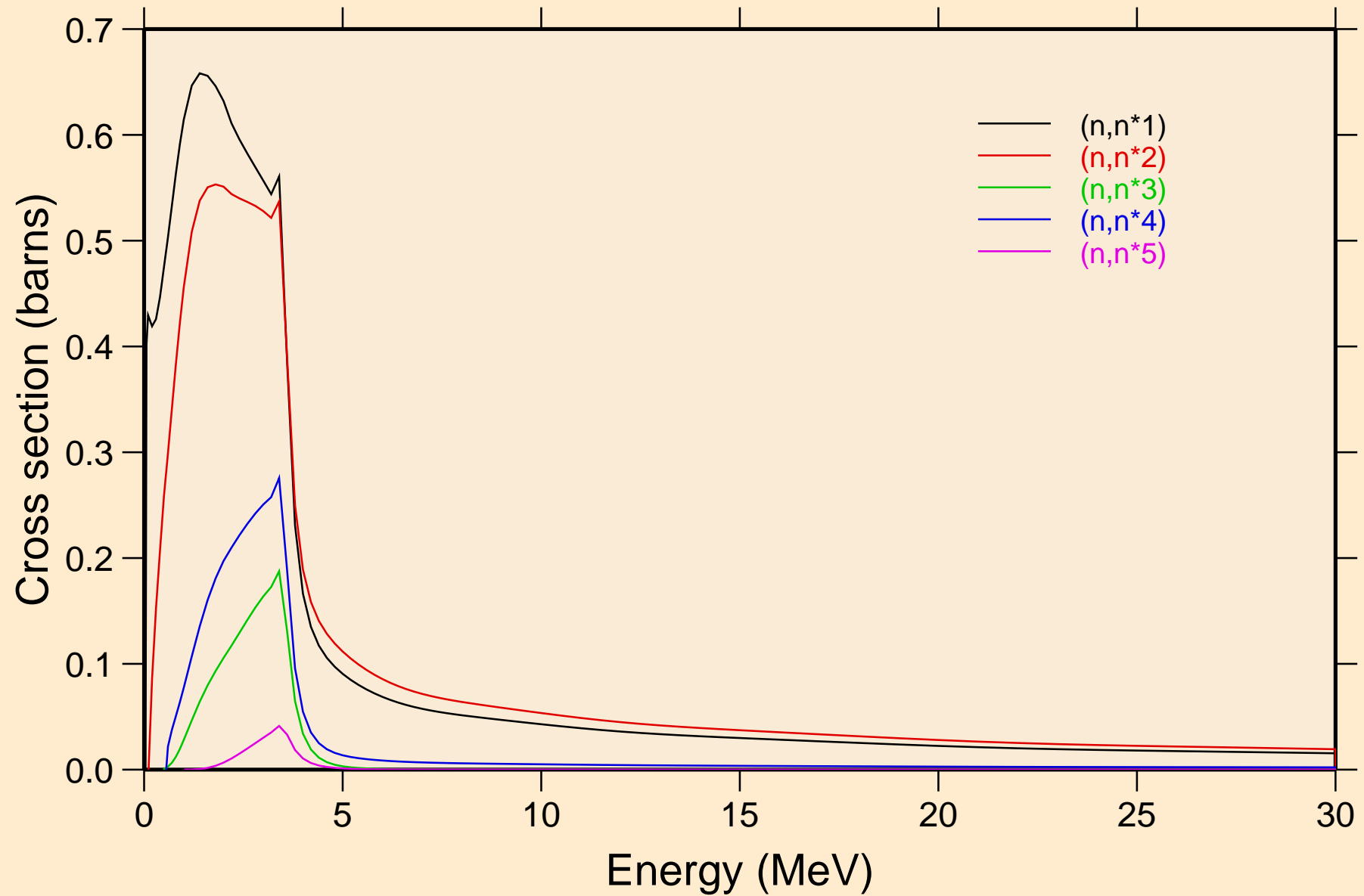


XE141 NRG TENDL-2015, AKONING  
Non-threshold reactions



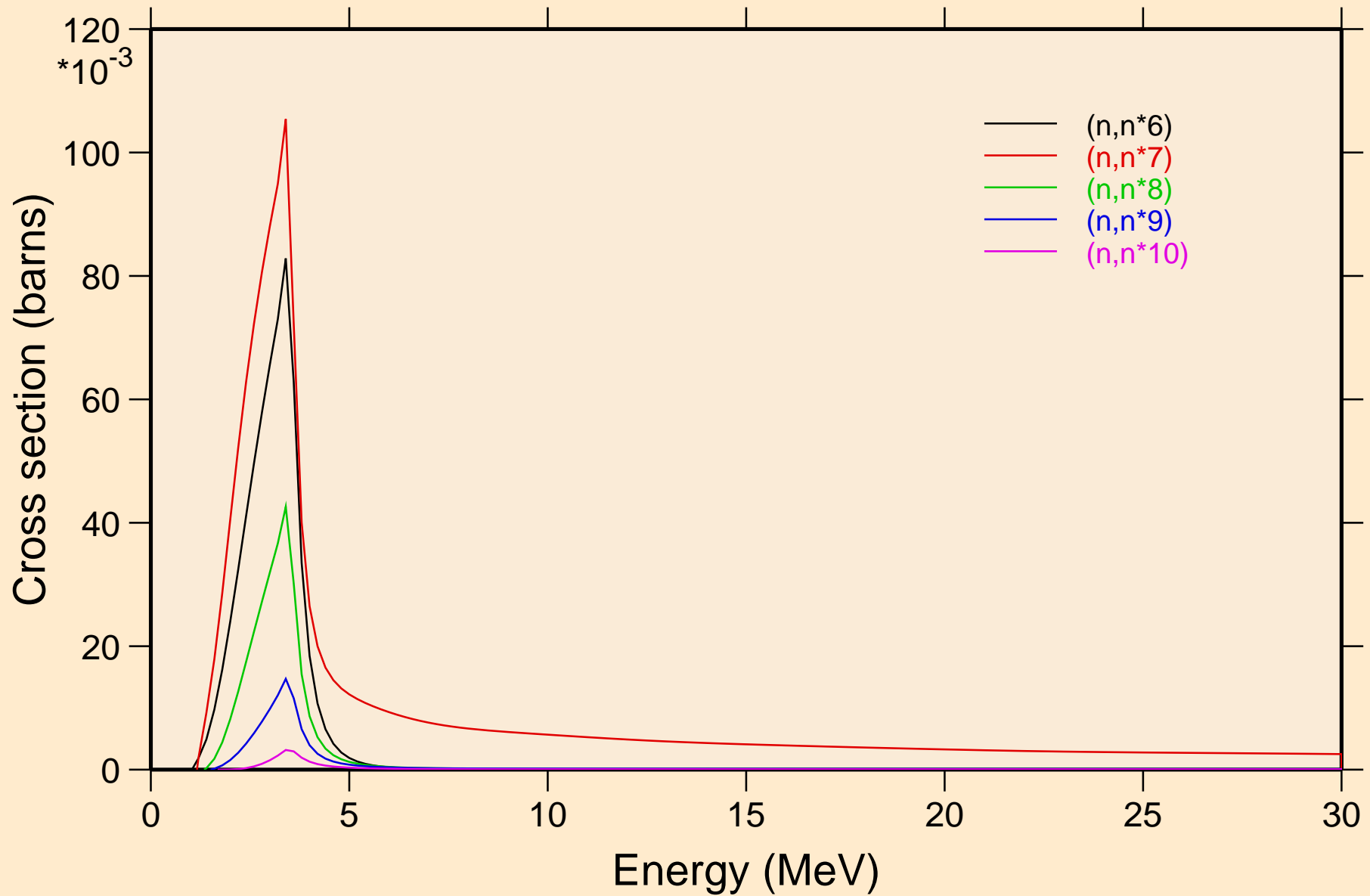
# XE141 NRG TENDL-2015, AKONING

## Inelastic levels



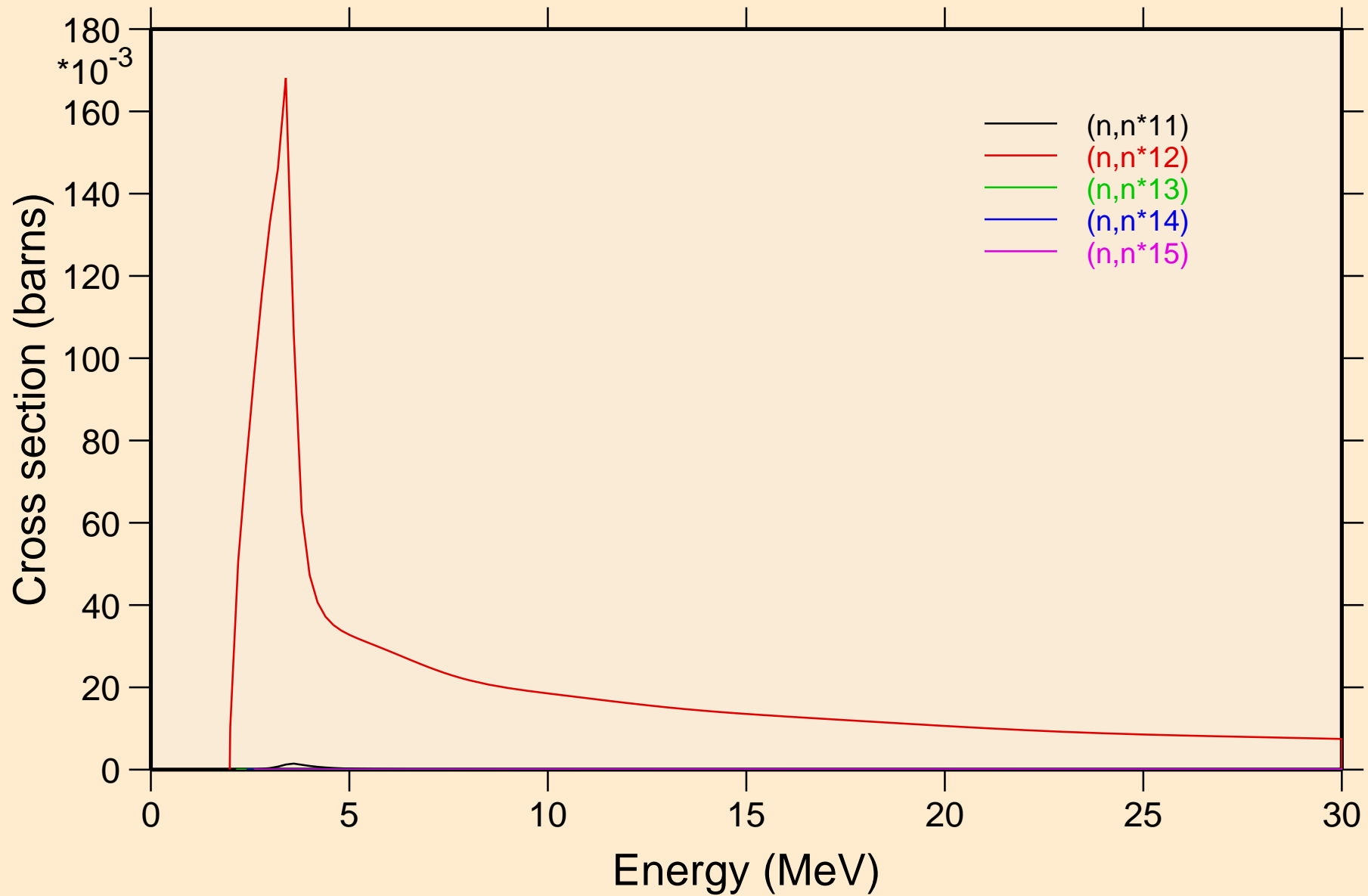
# XE141 NRG TENDL-2015, AKONING

## Inelastic levels



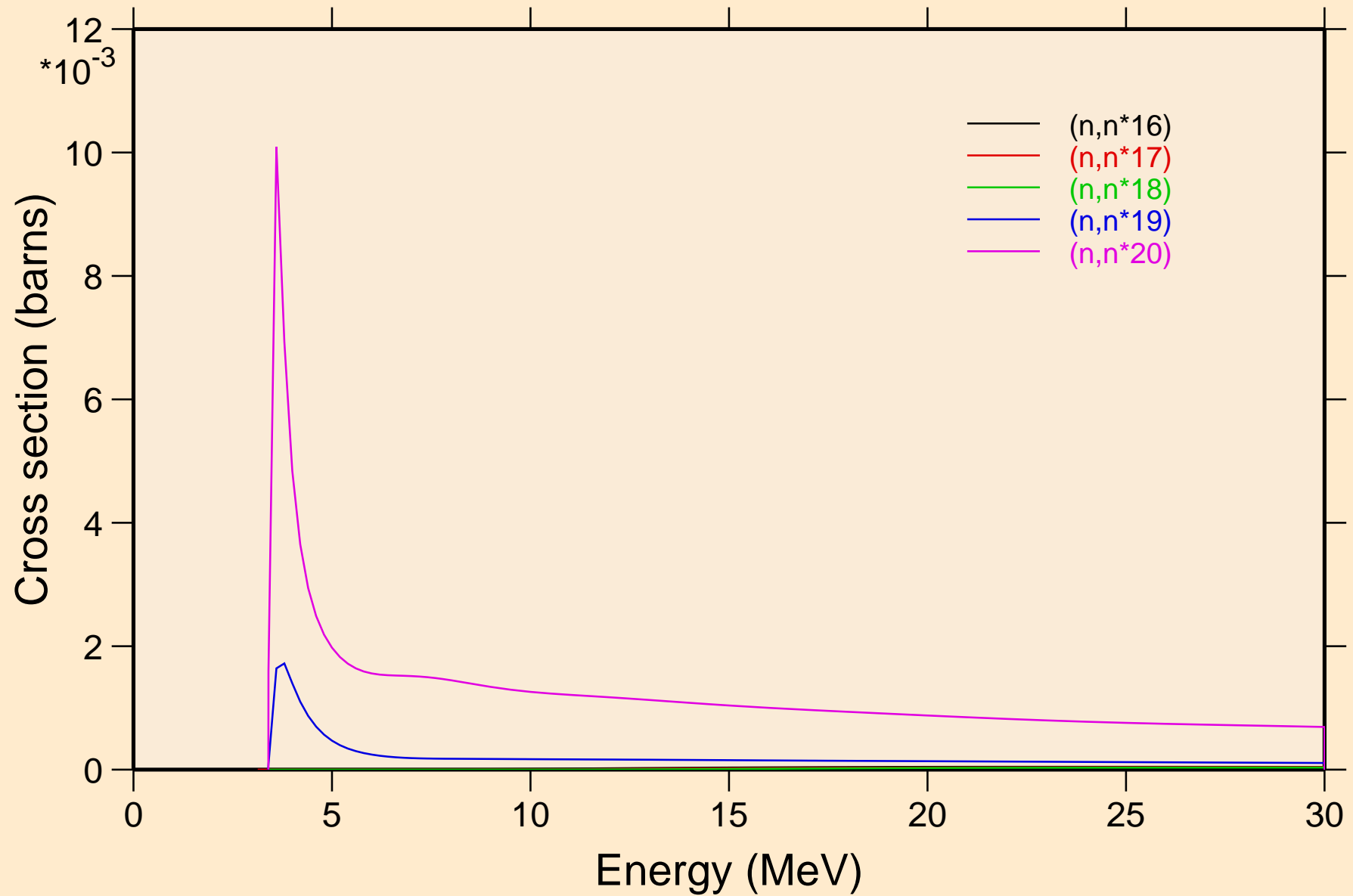
# XE141 NRG TENDL-2015, AKONING

## Inelastic levels



# XE141 NRG TENDL-2015, AKONING

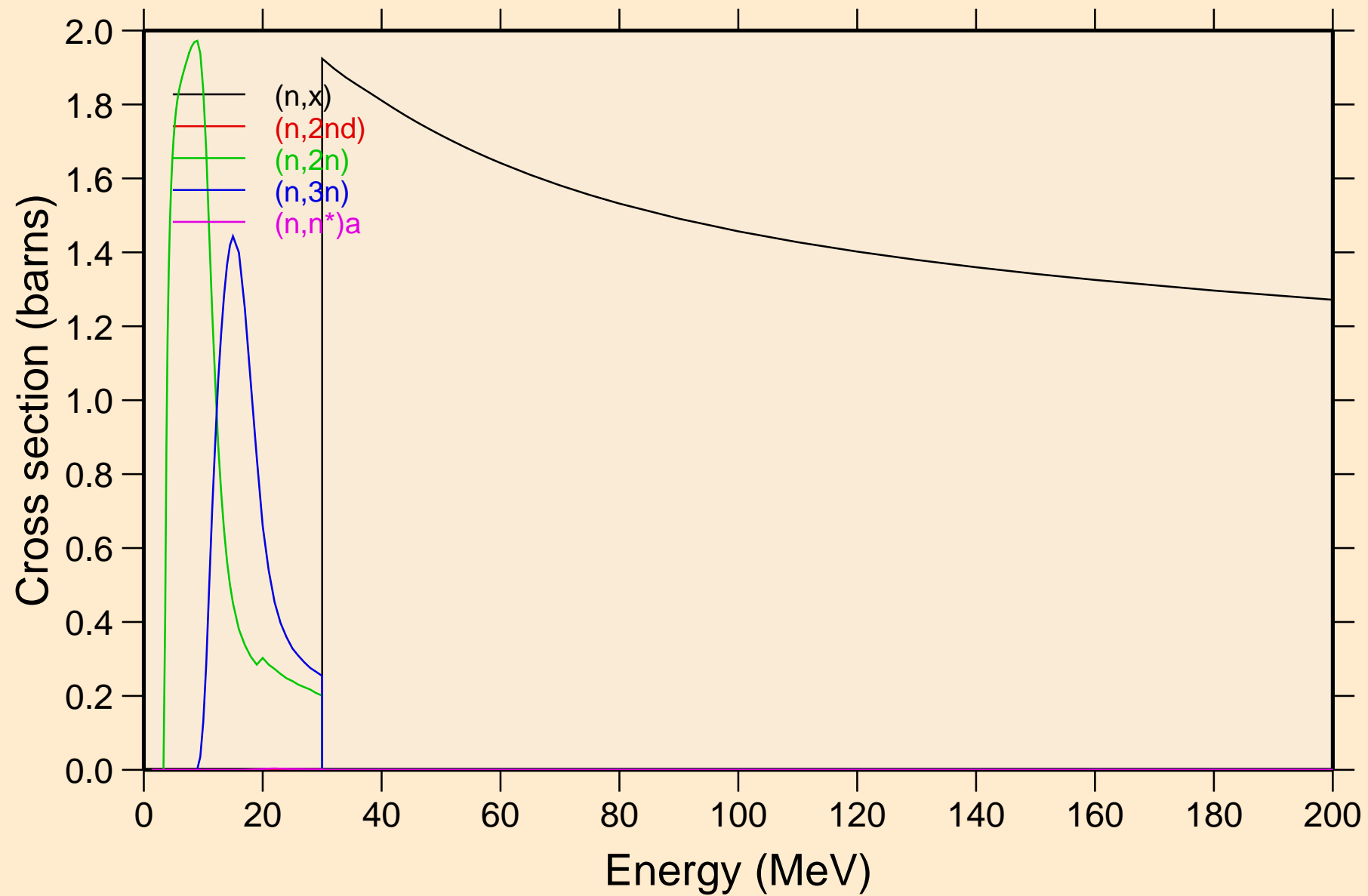
## Inelastic levels





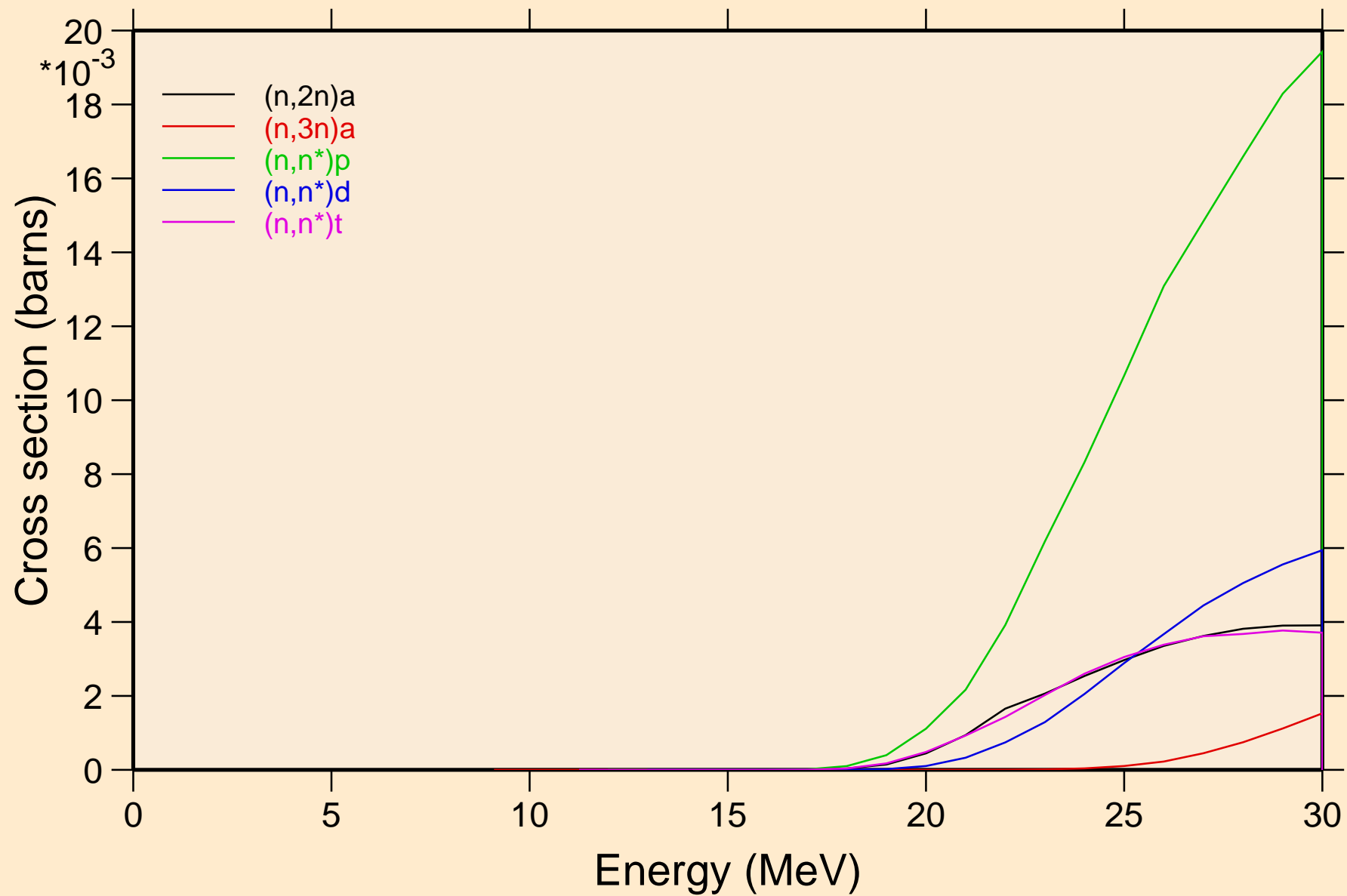
# XE141 NRG TENDL-2015, AKONING

## Threshold reactions



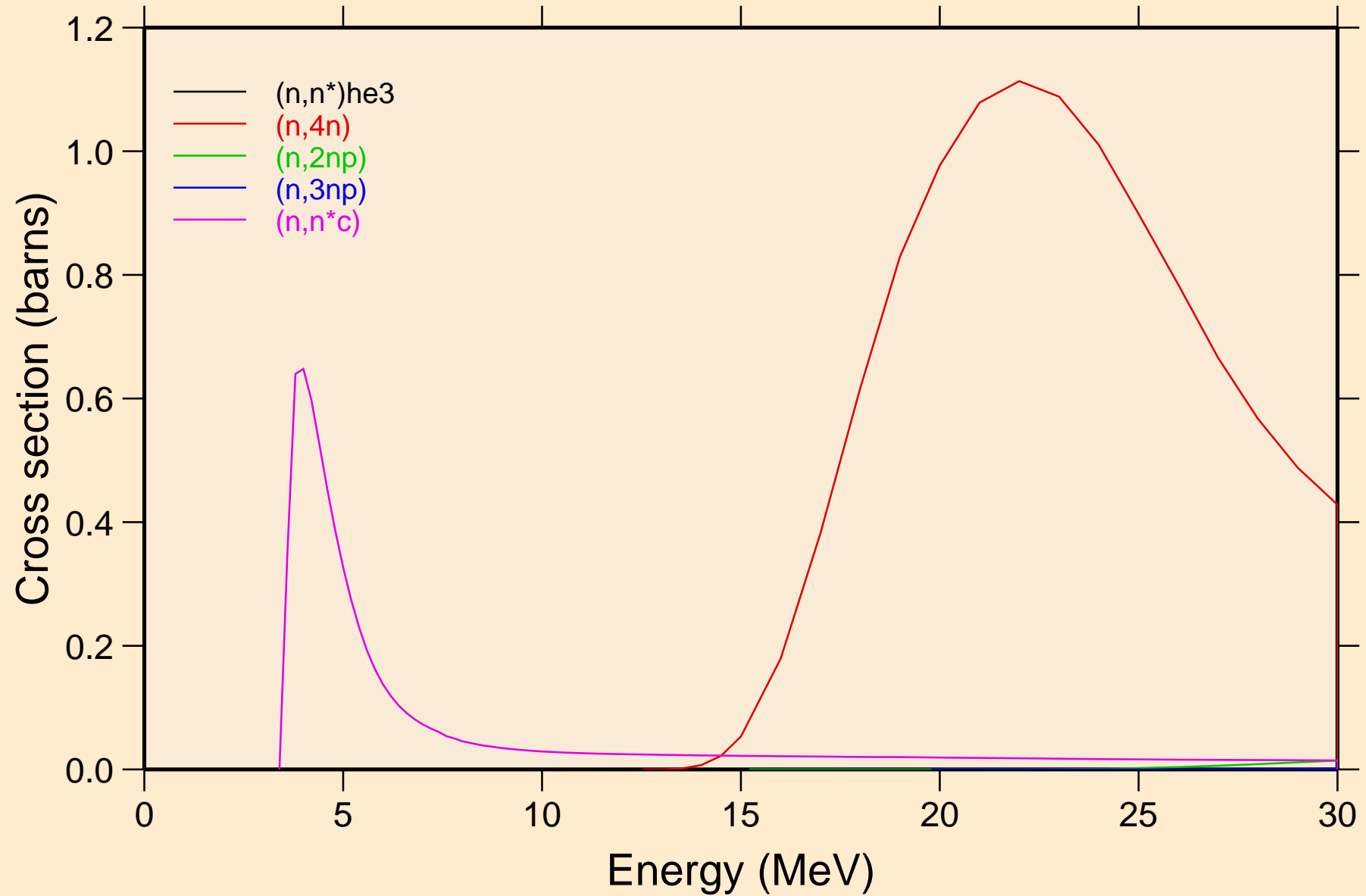
# XE141 NRG TENDL-2015, AKONING

## Threshold reactions



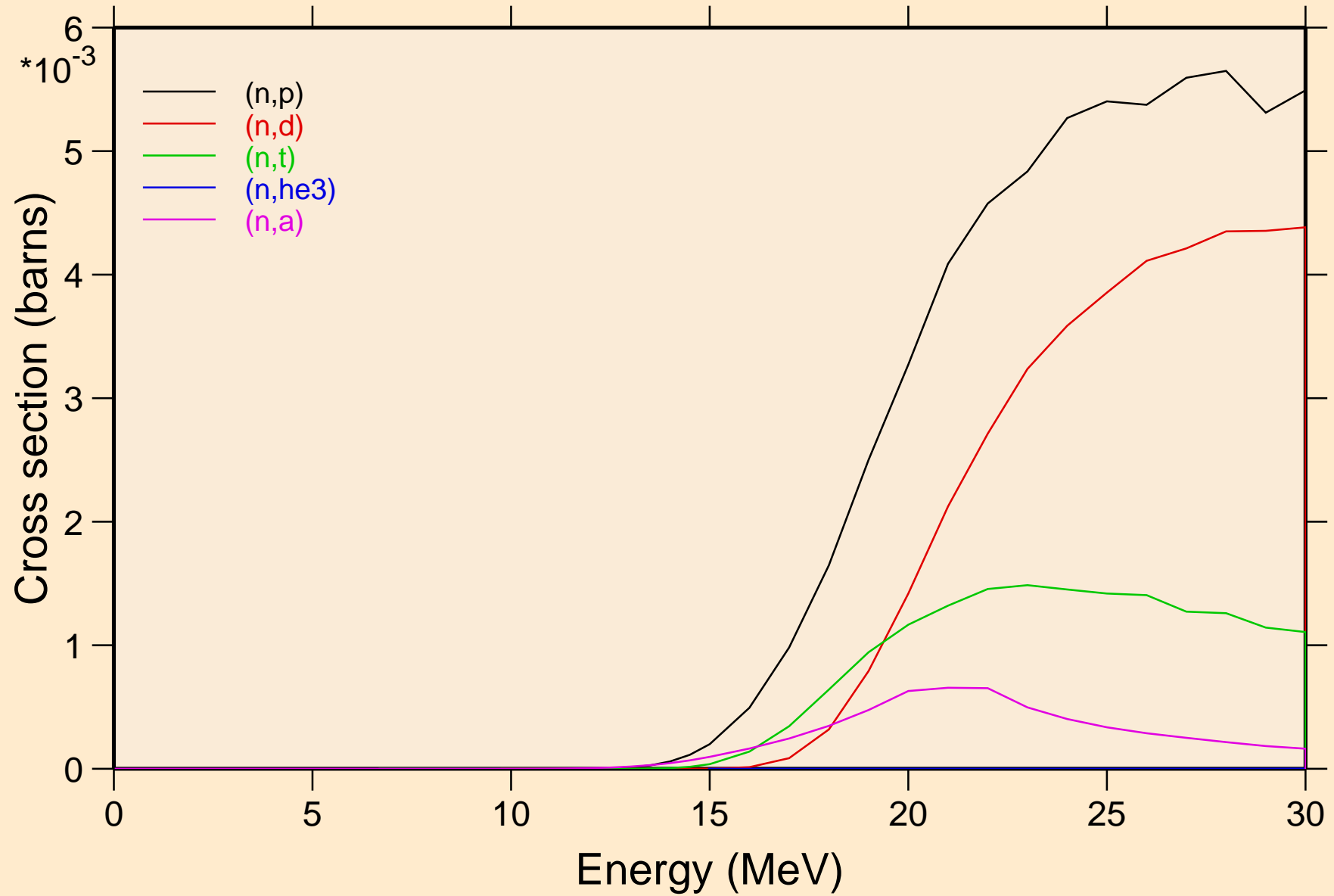
# XE141 NRG TENDL-2015, AKONING

## Threshold reactions

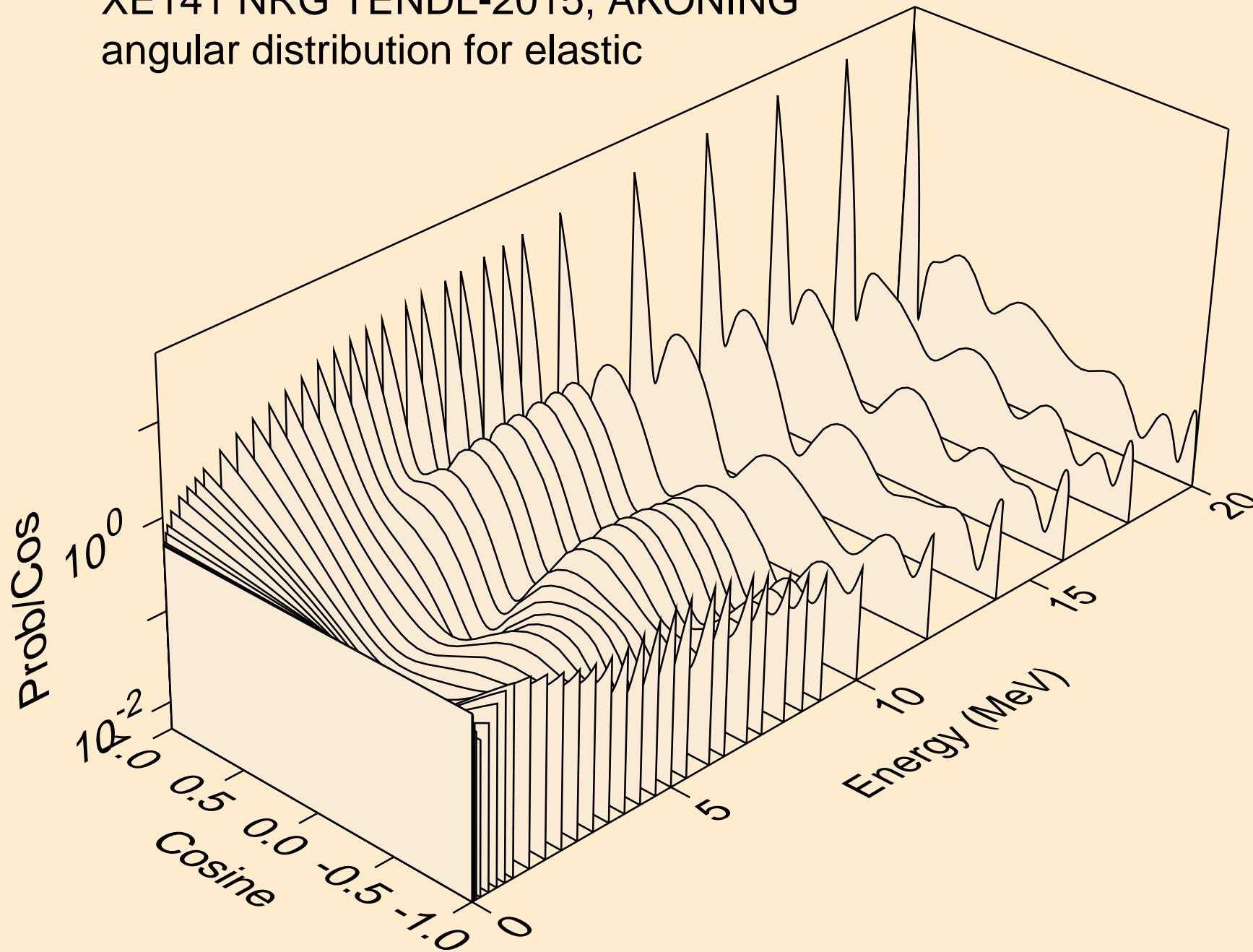


# XE141 NRG TENDL-2015, AKONING

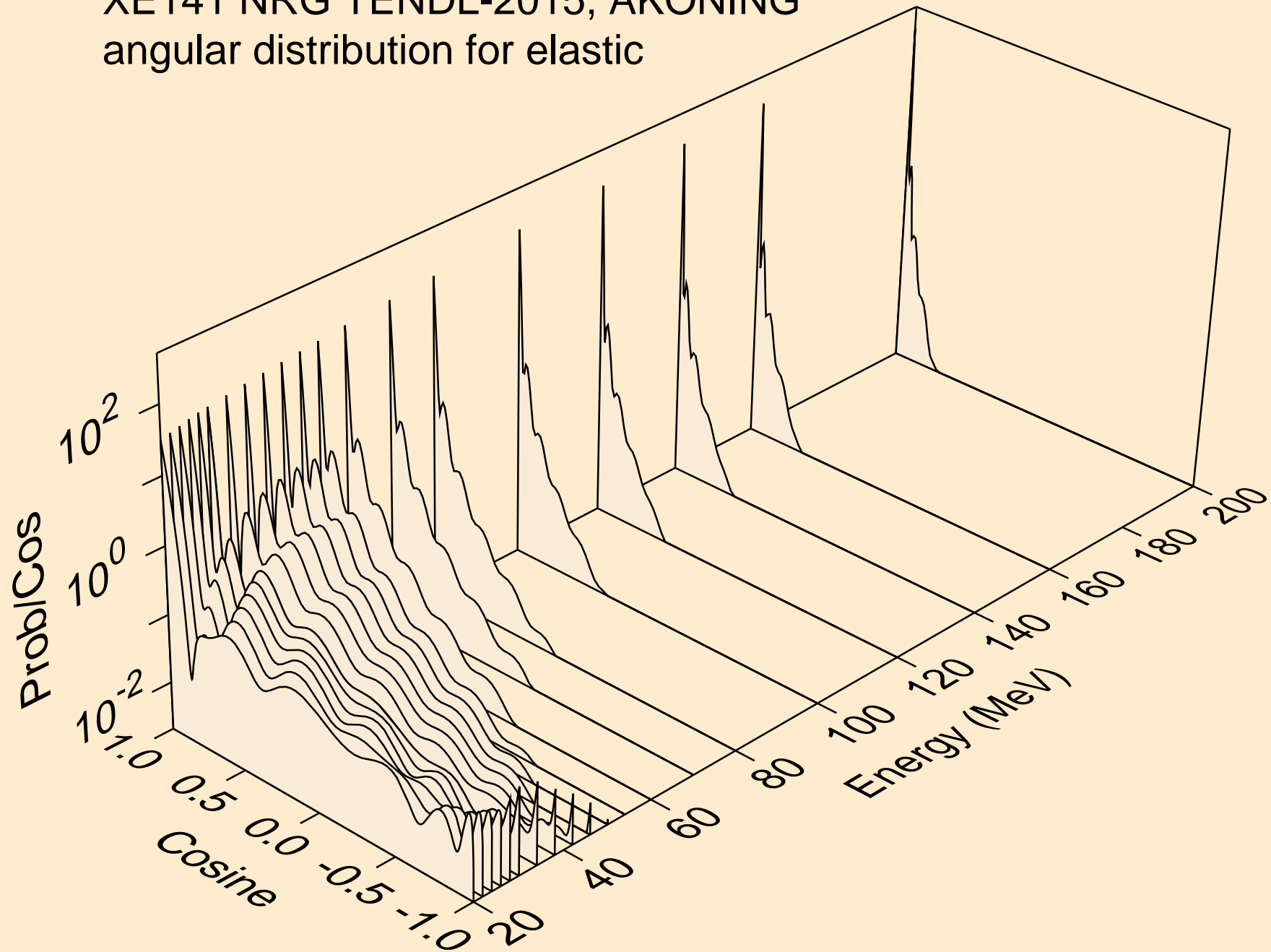
## Threshold reactions



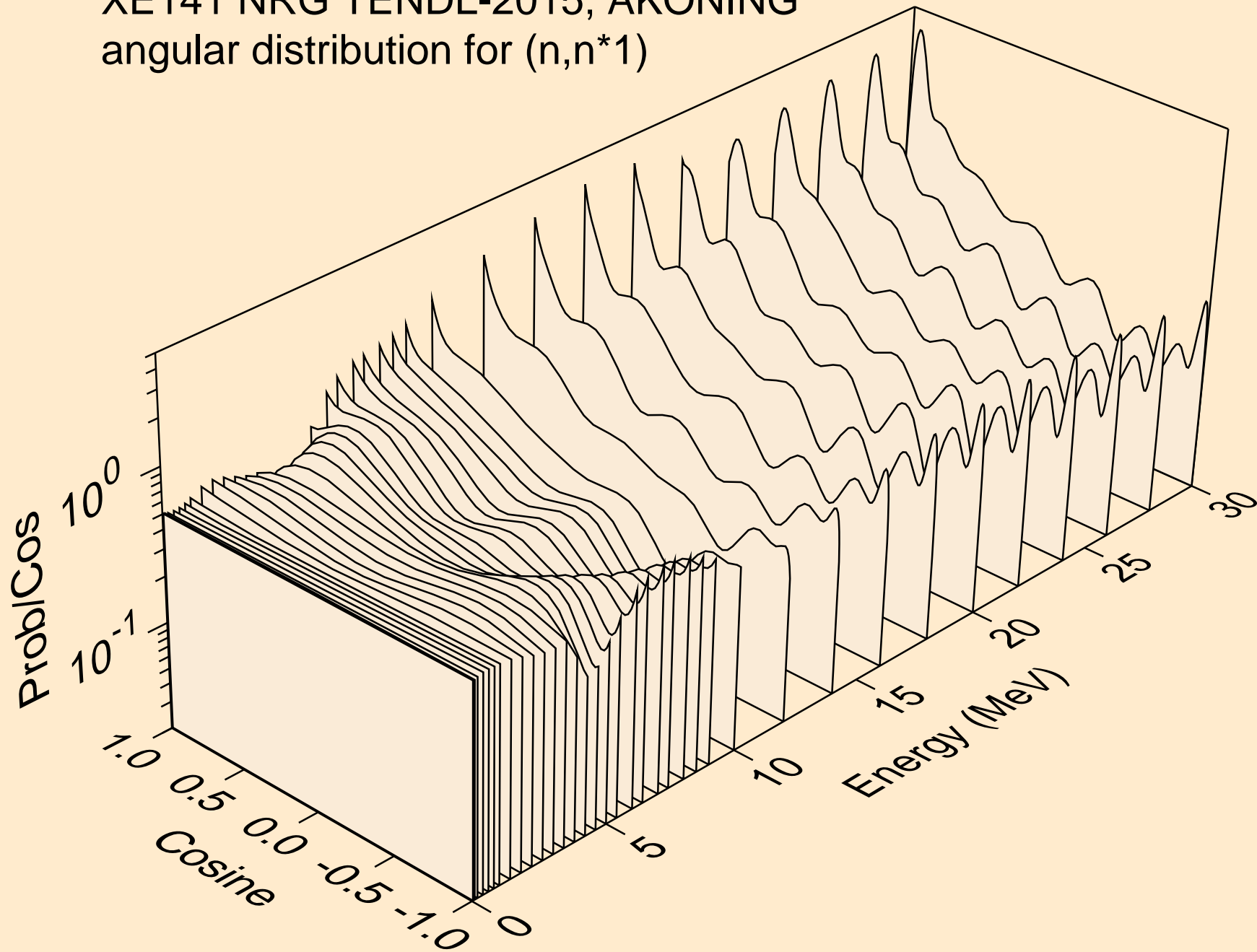
XE141 NRG TENDL-2015, AKONING  
angular distribution for elastic



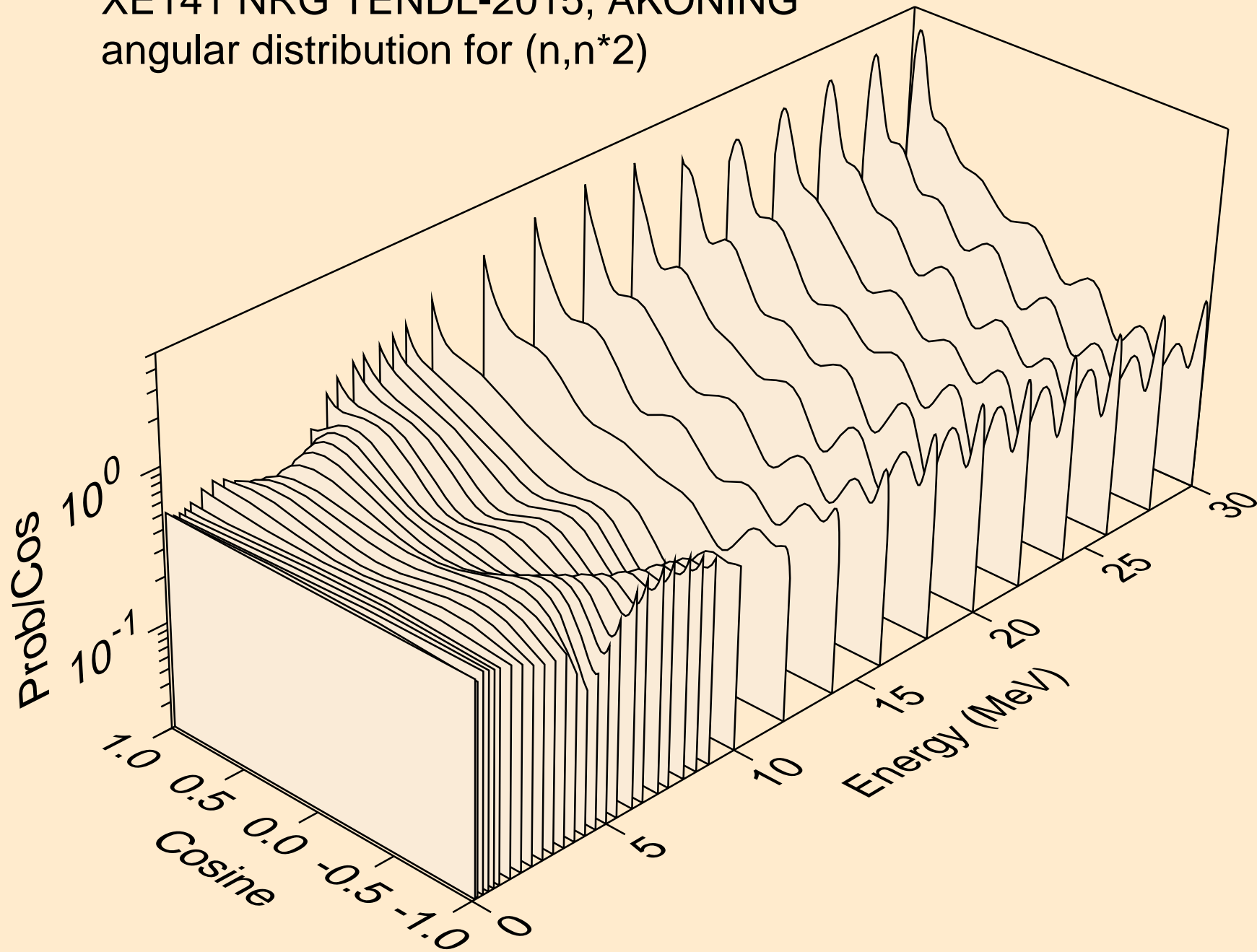
XE141 NRG TENDL-2015, AKONING  
angular distribution for elastic



XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

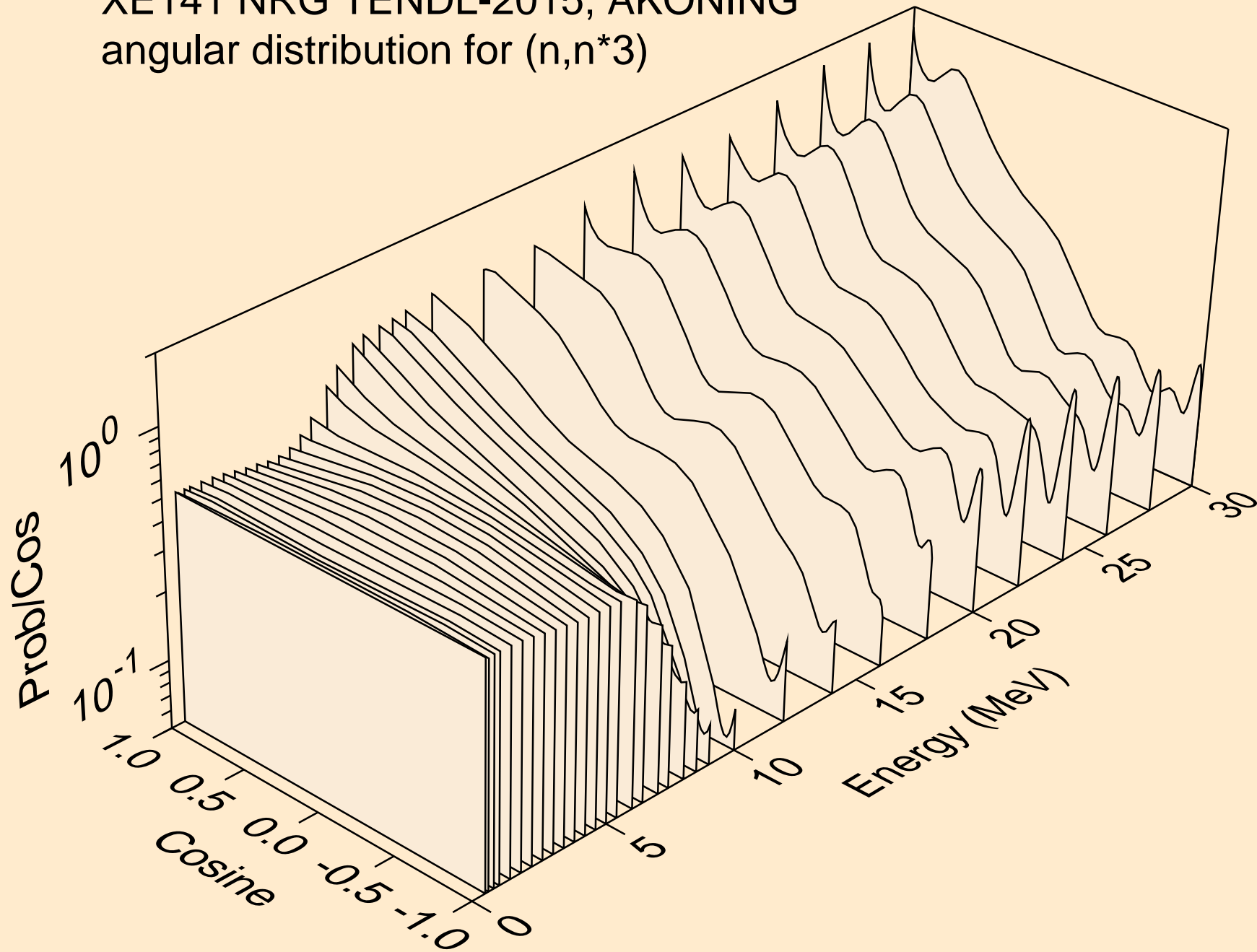


XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

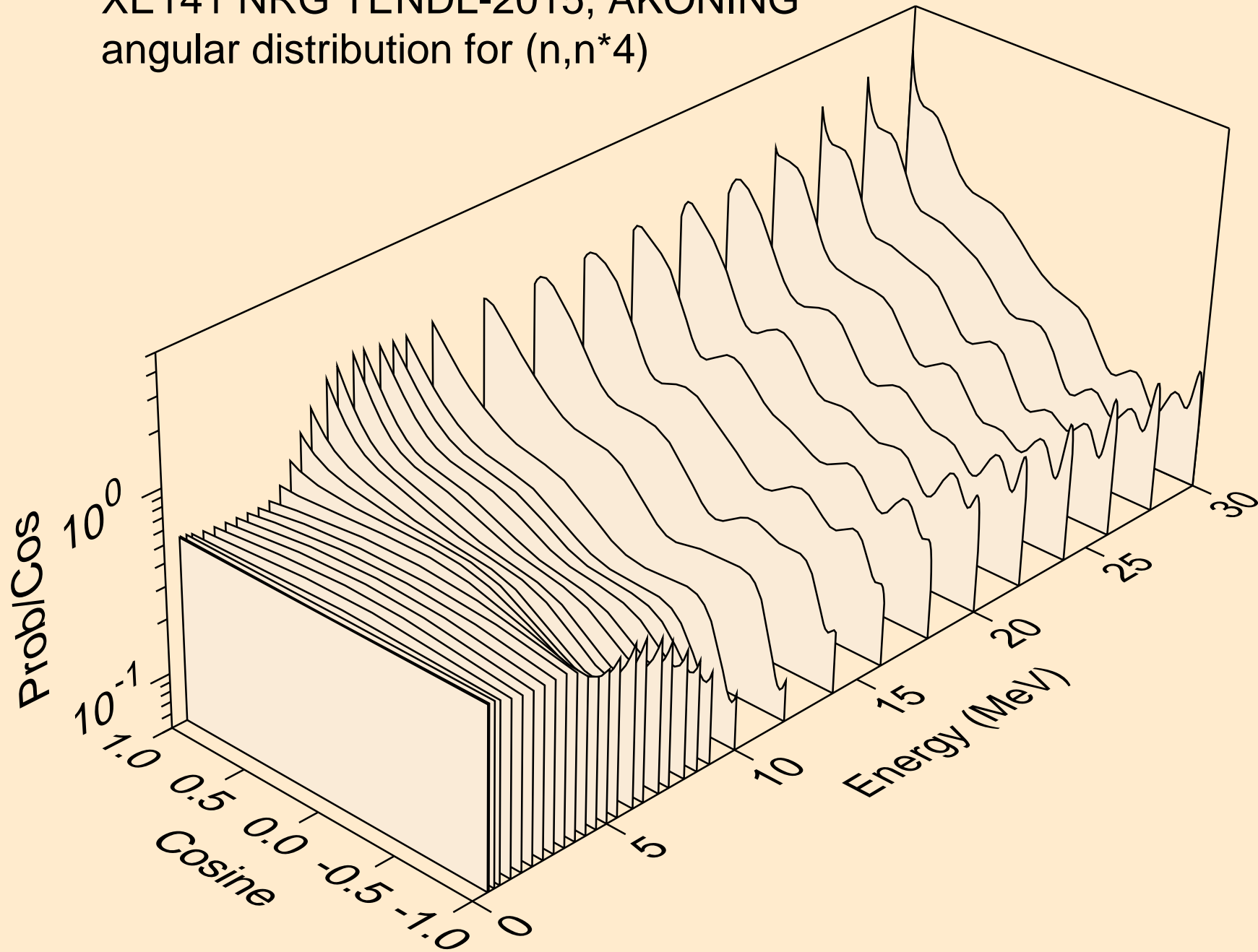




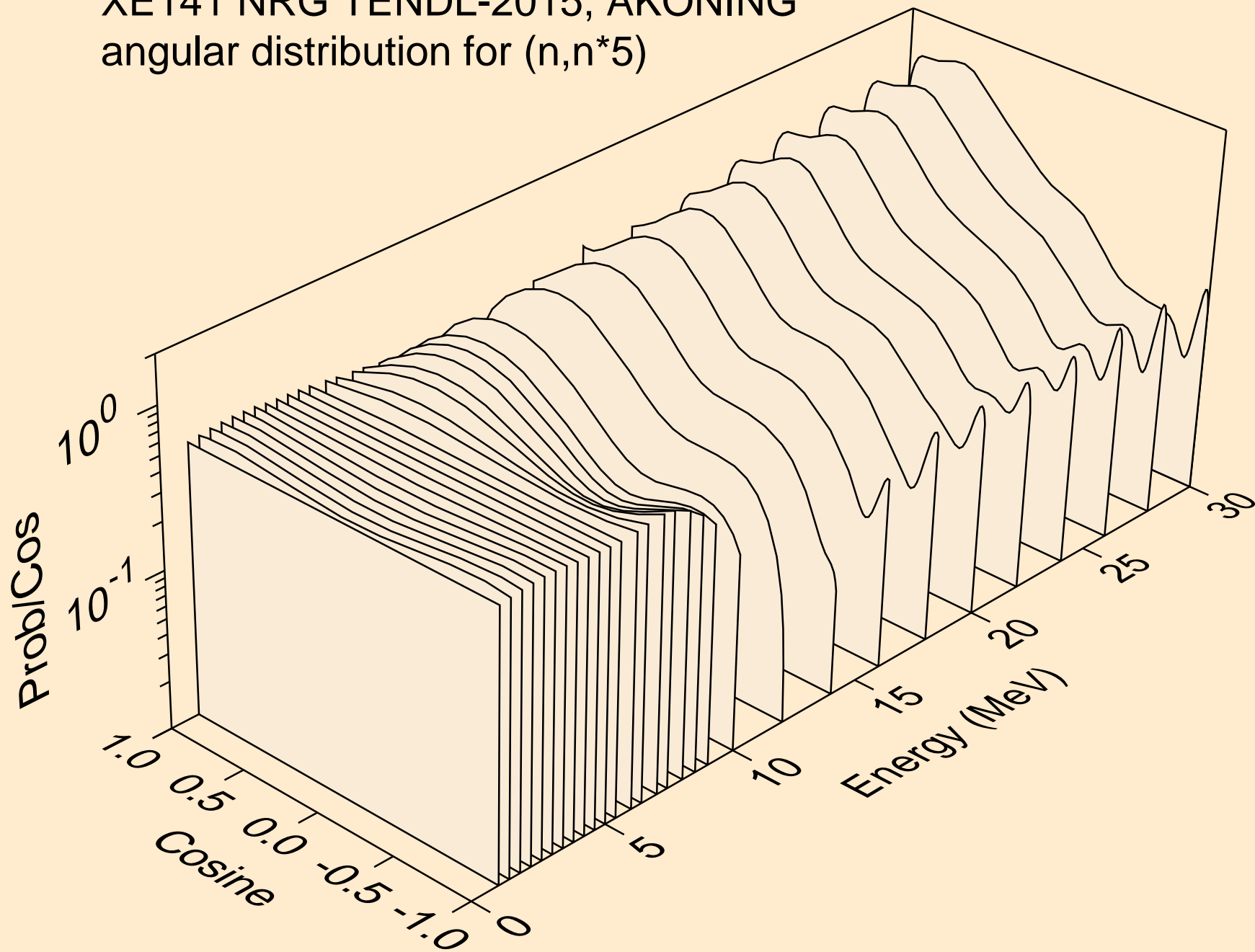
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



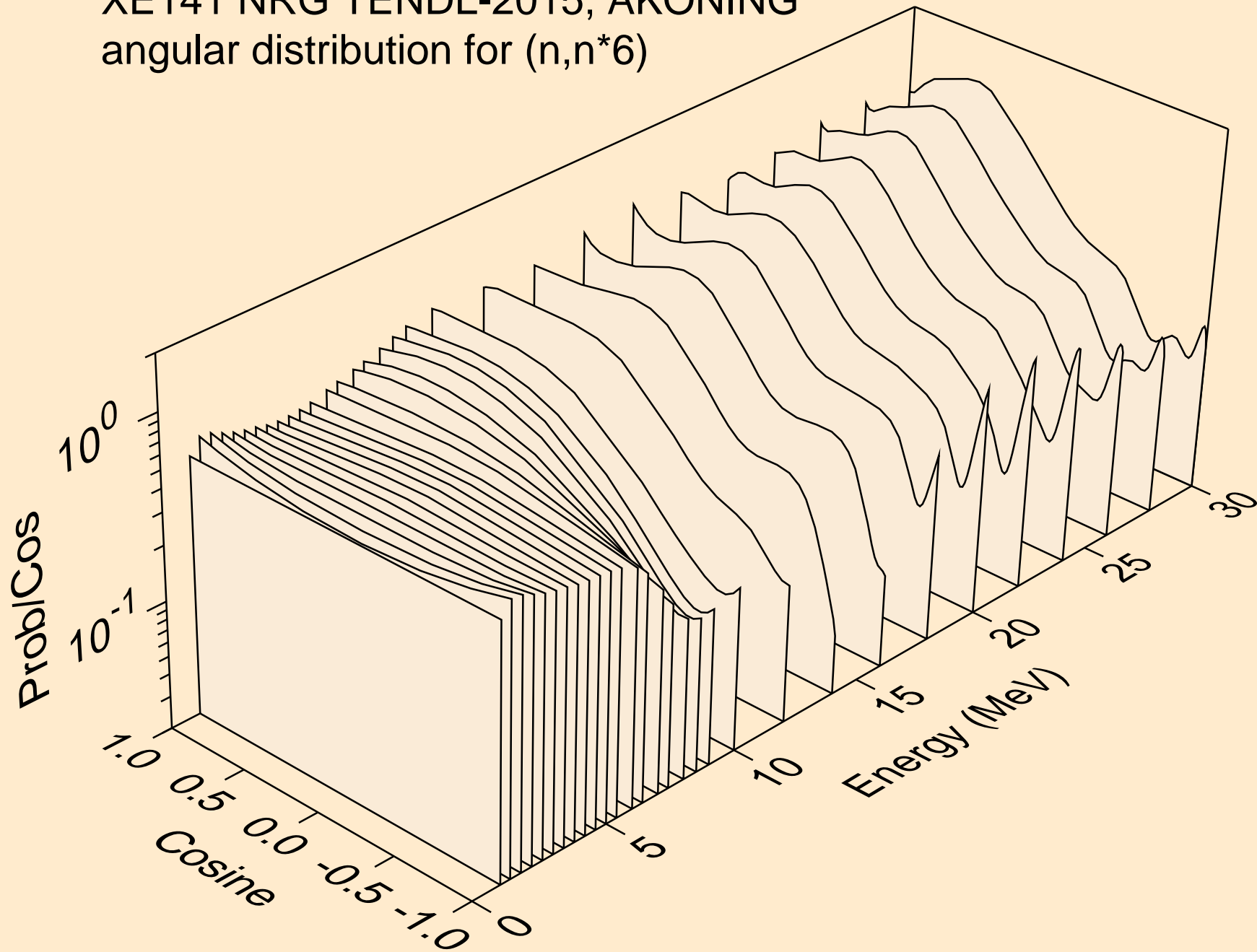
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



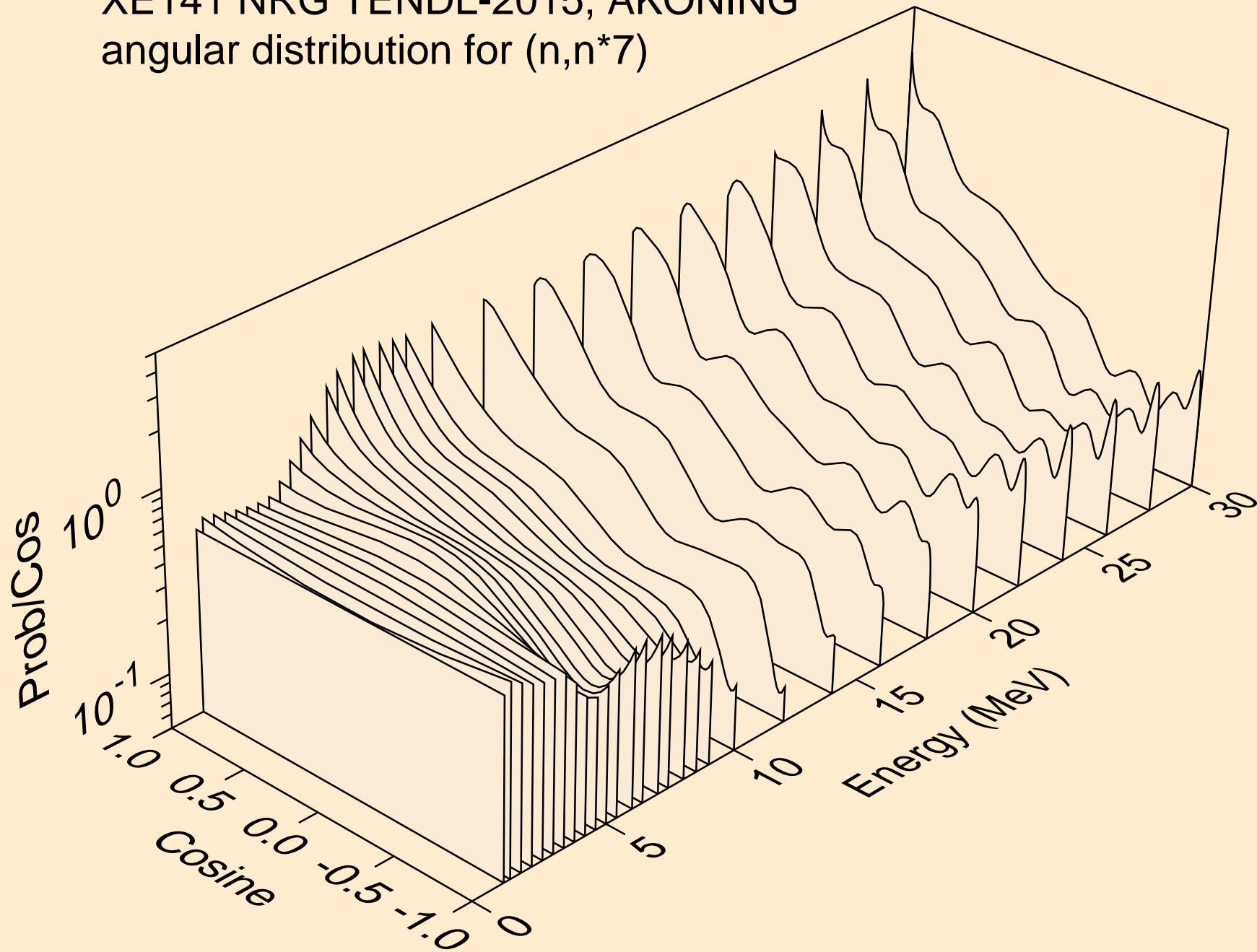
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



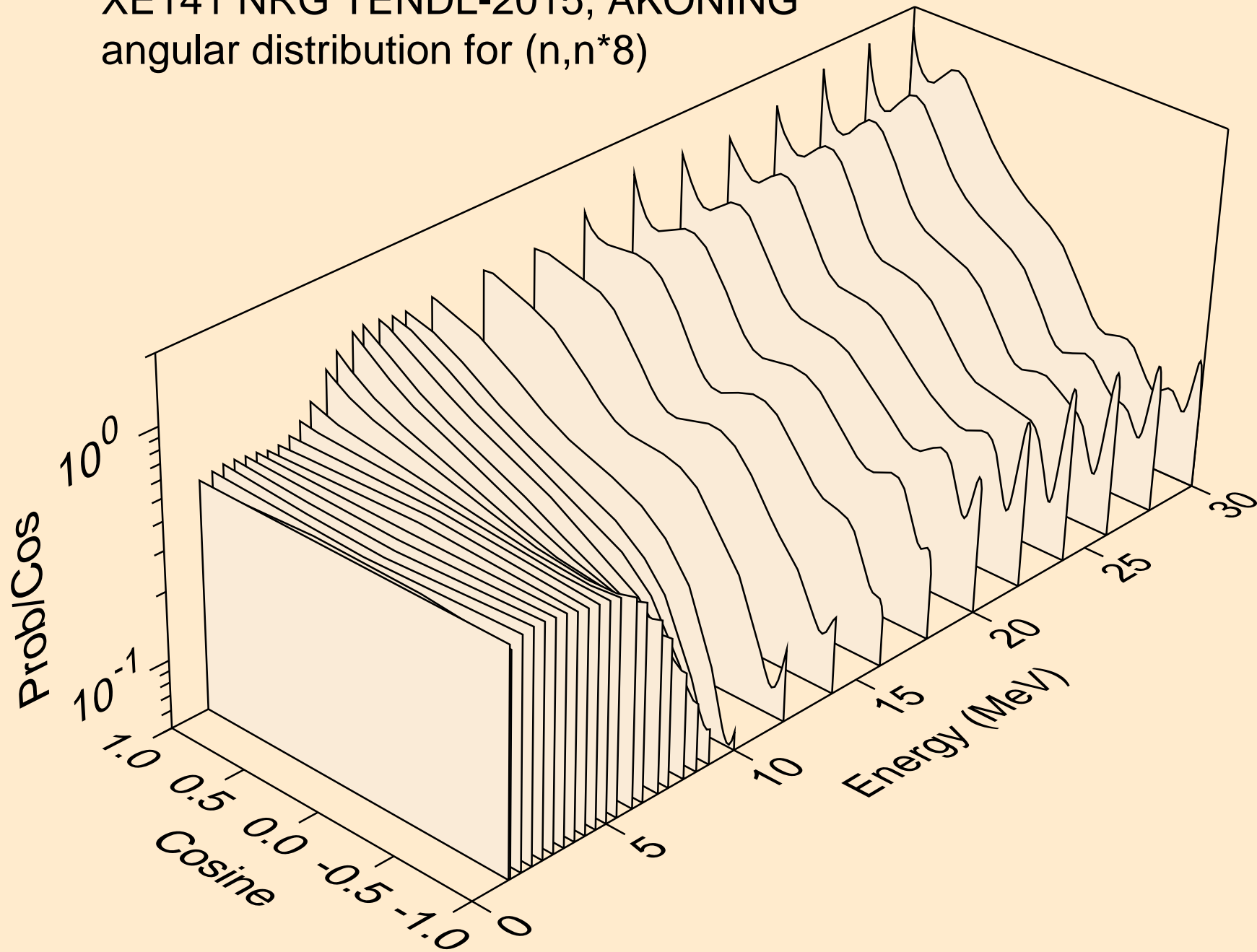
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



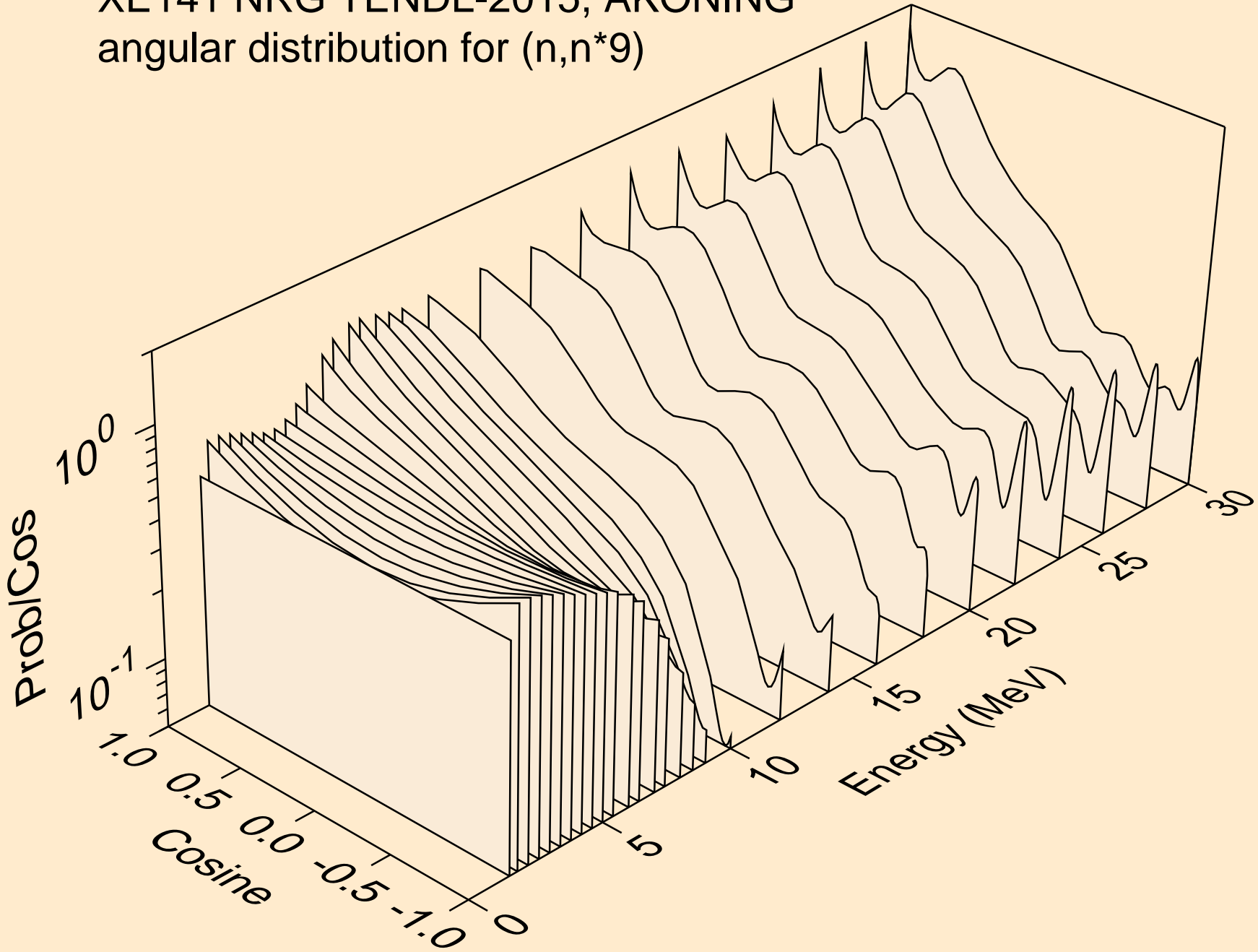
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



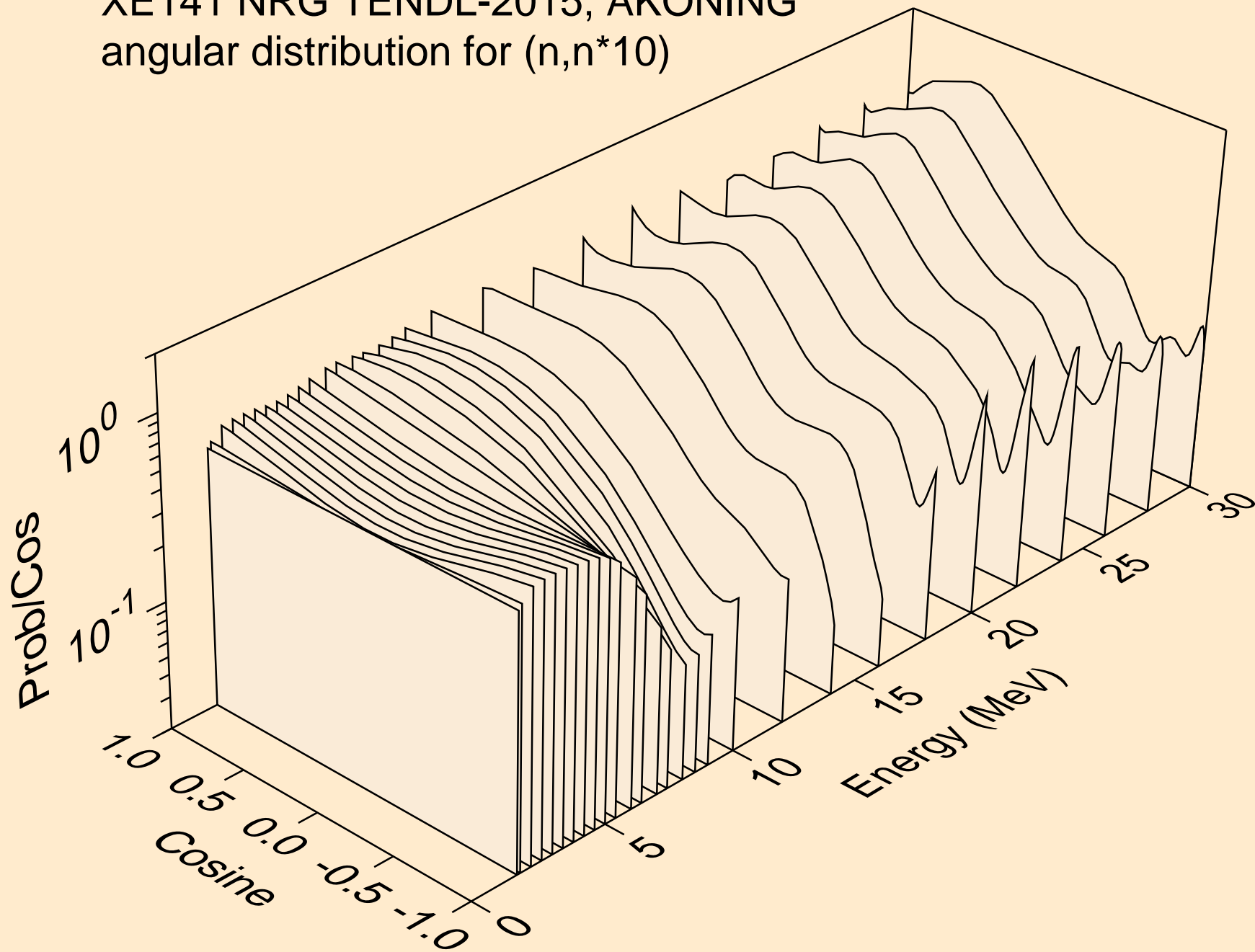
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

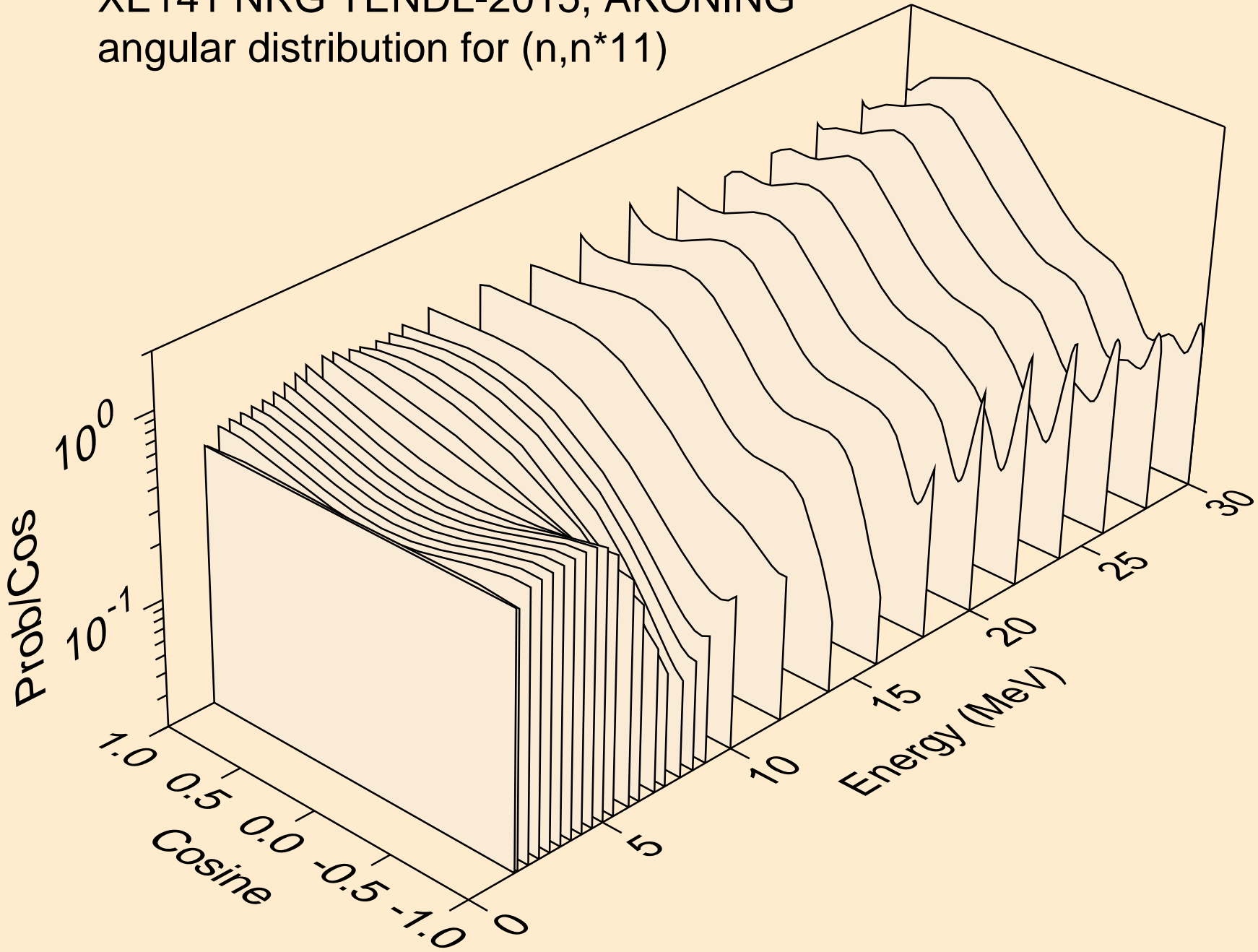


XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

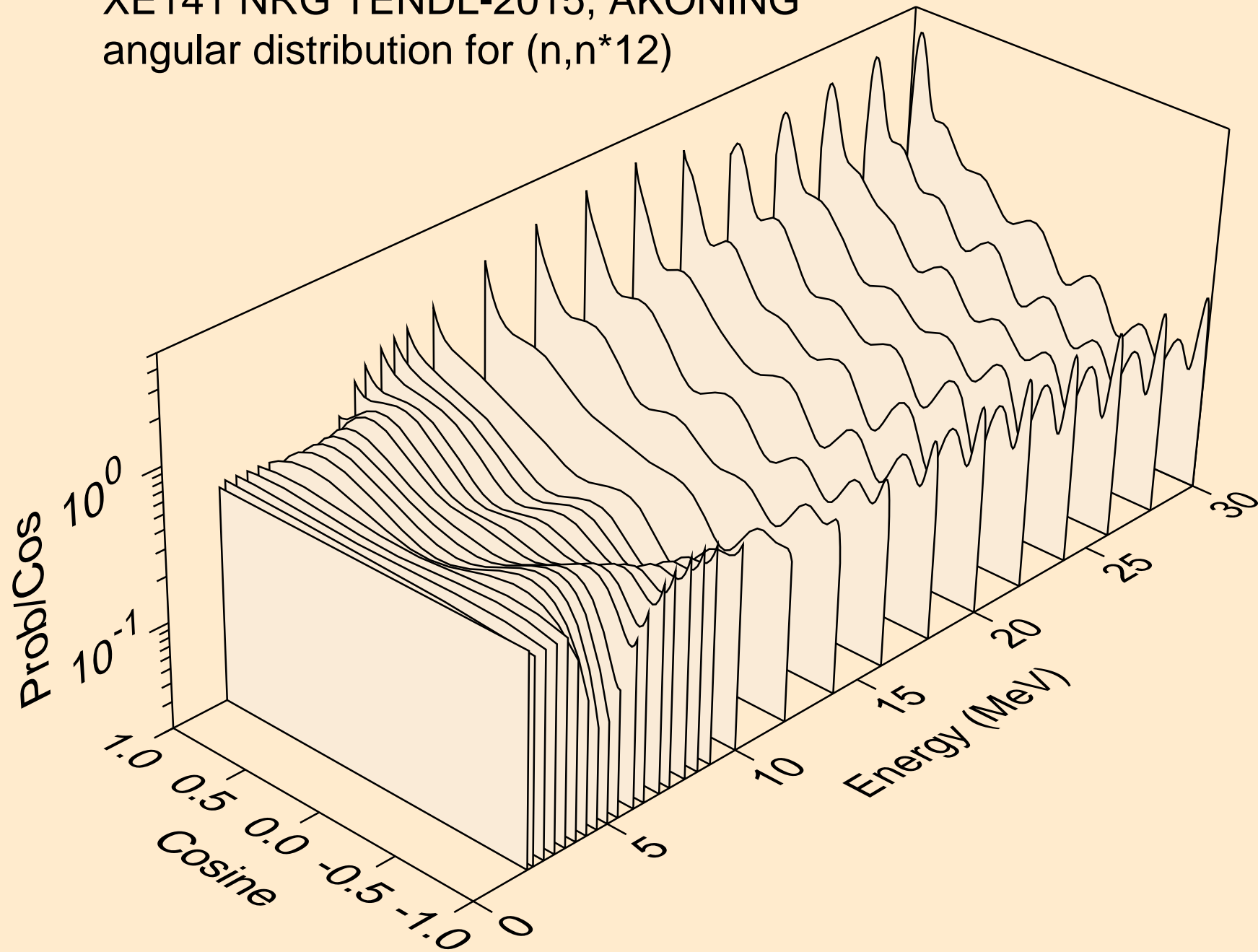




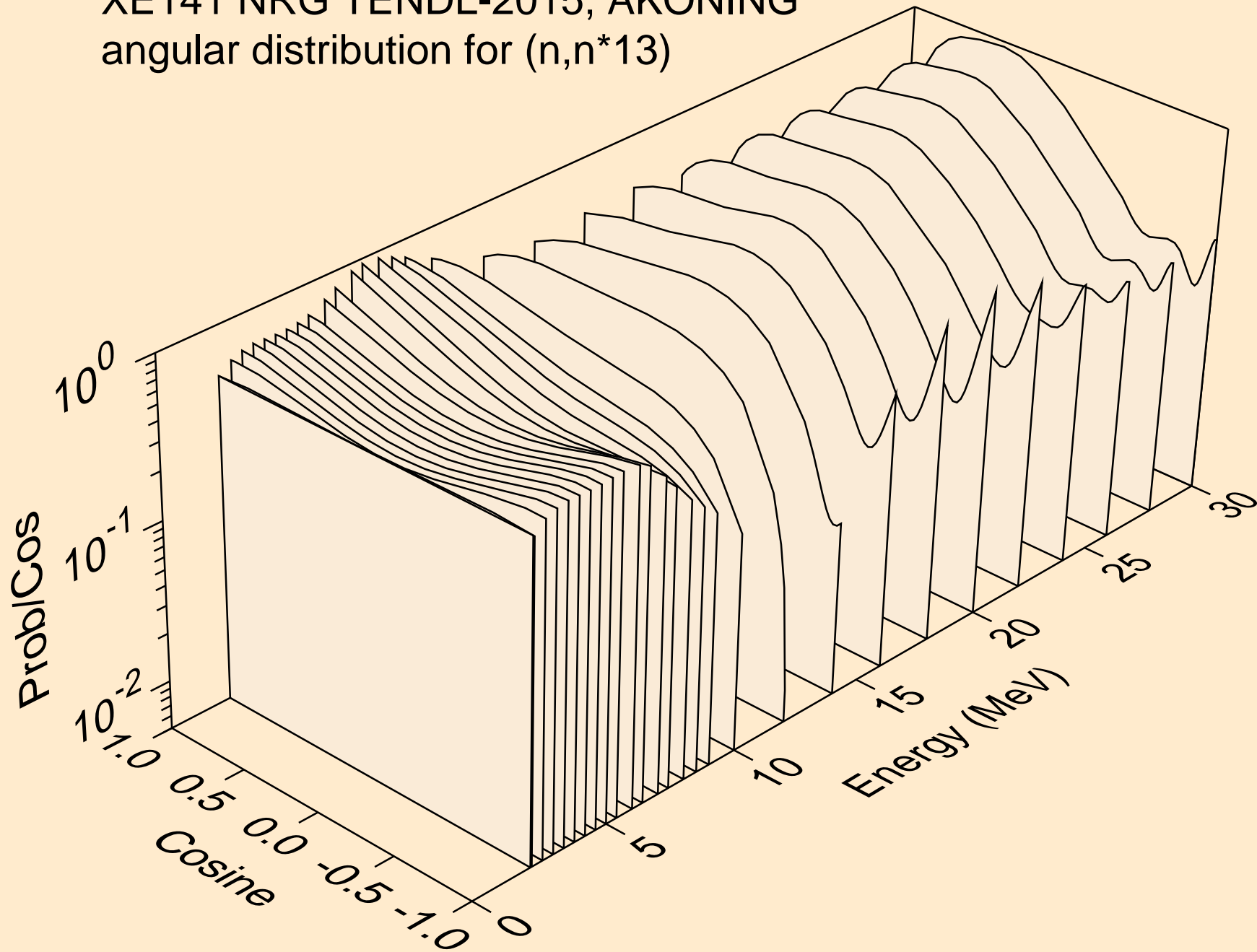
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



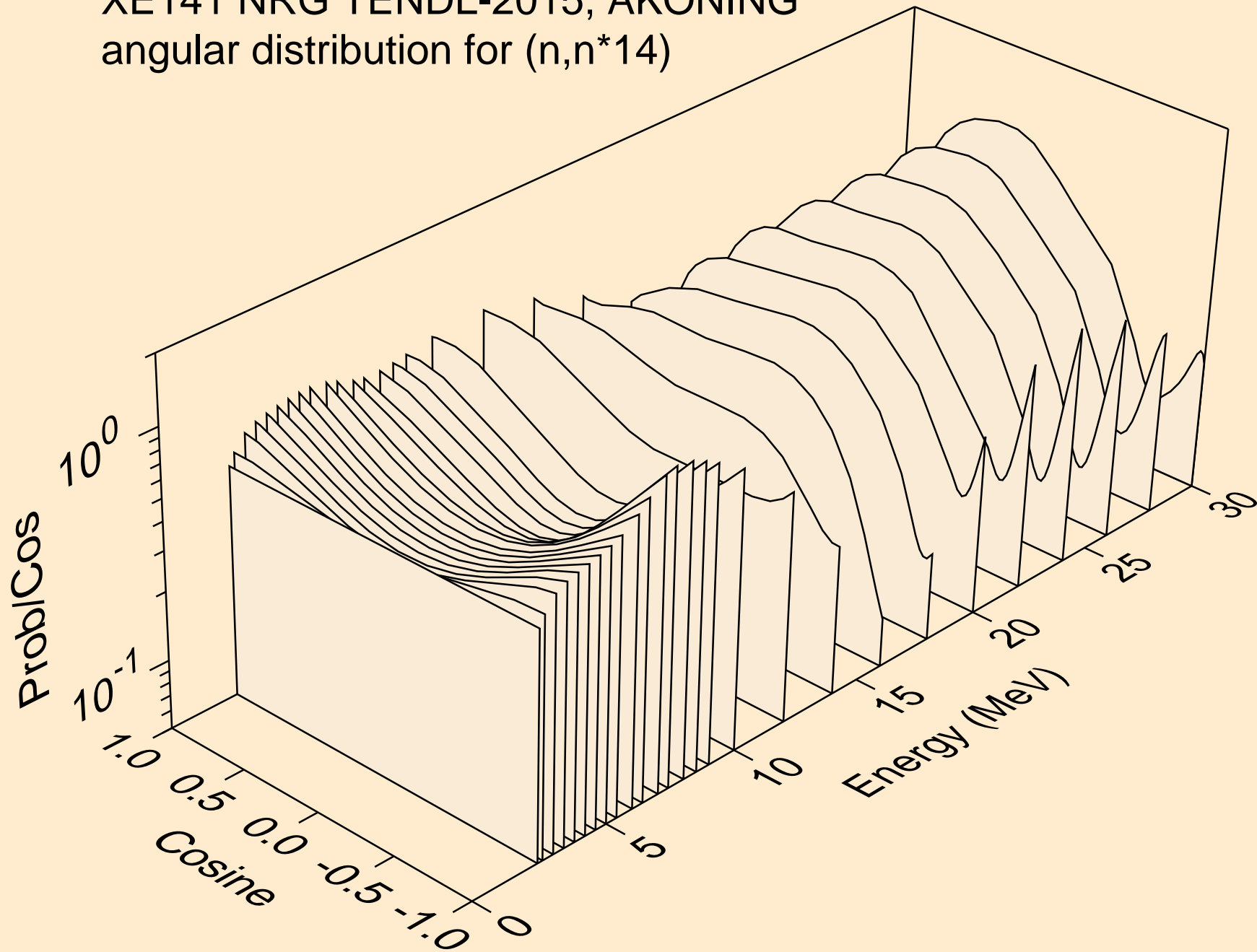
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



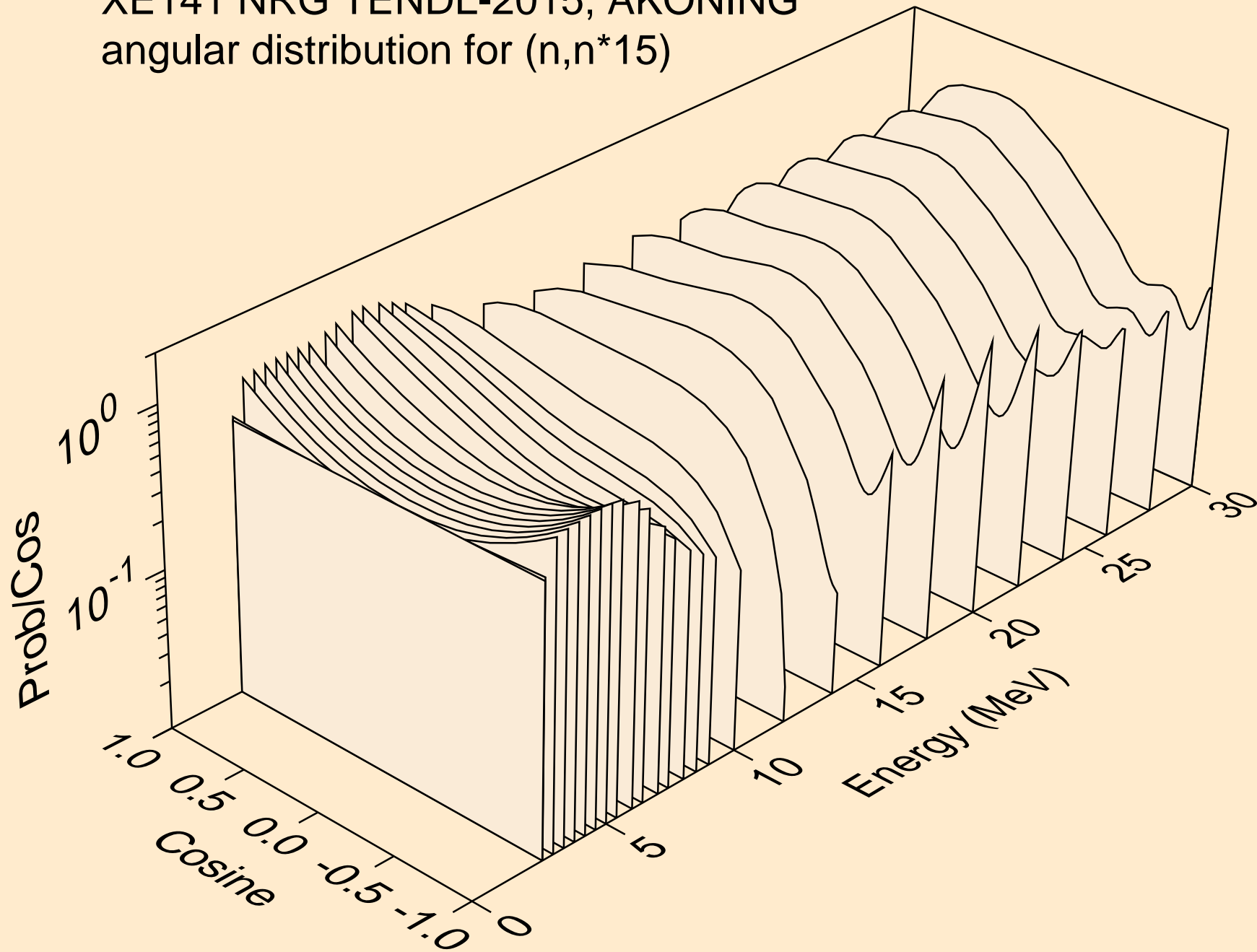
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



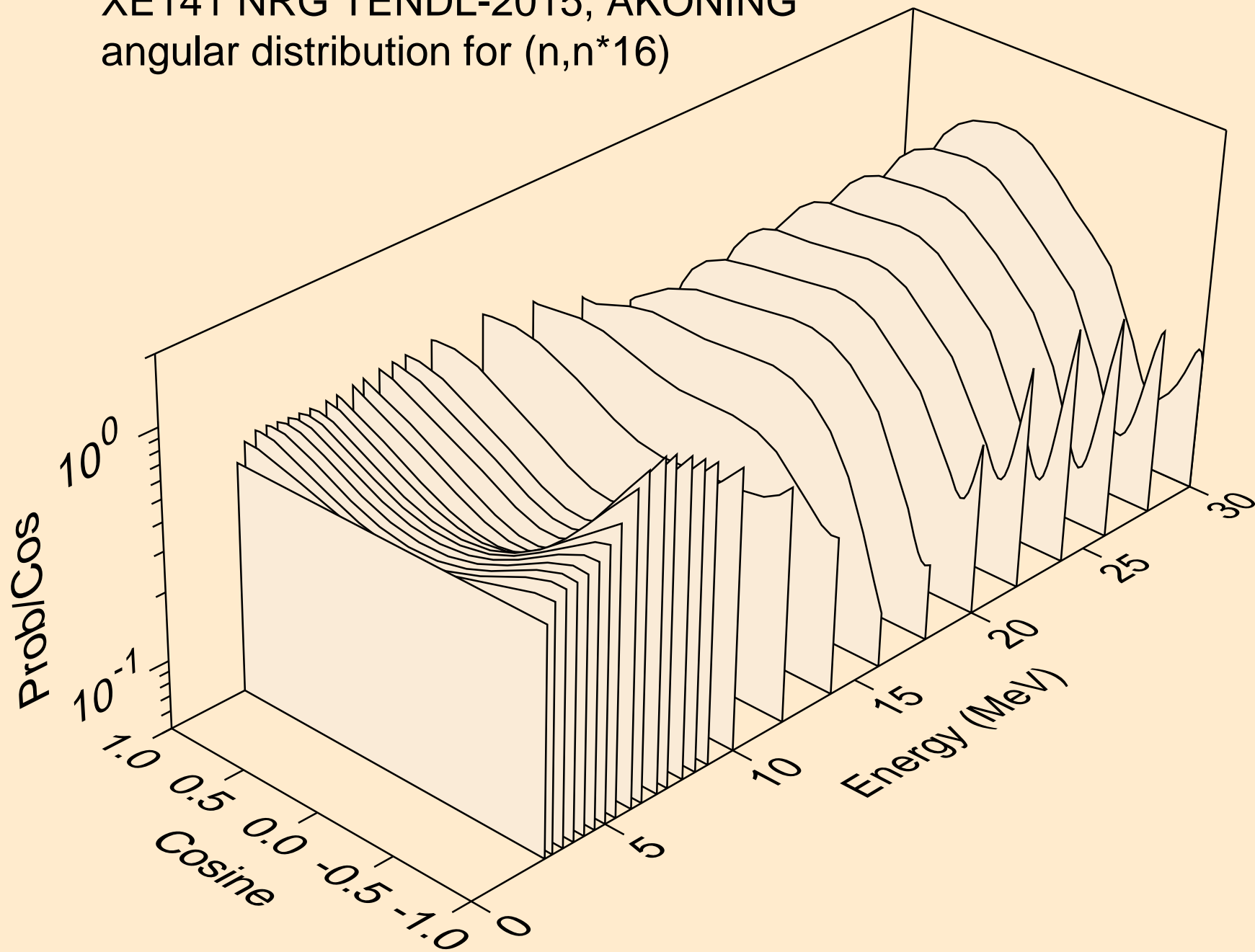
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



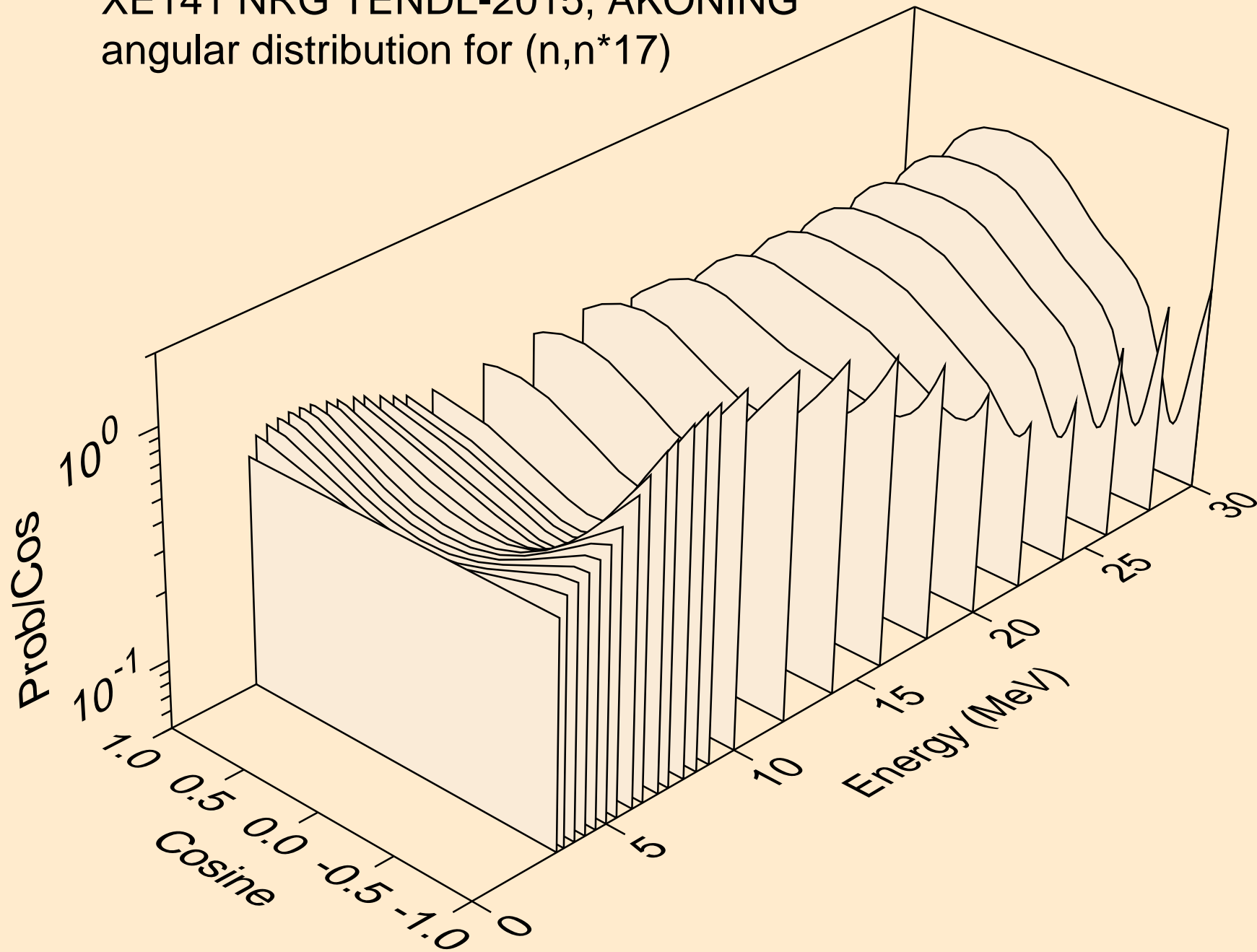
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



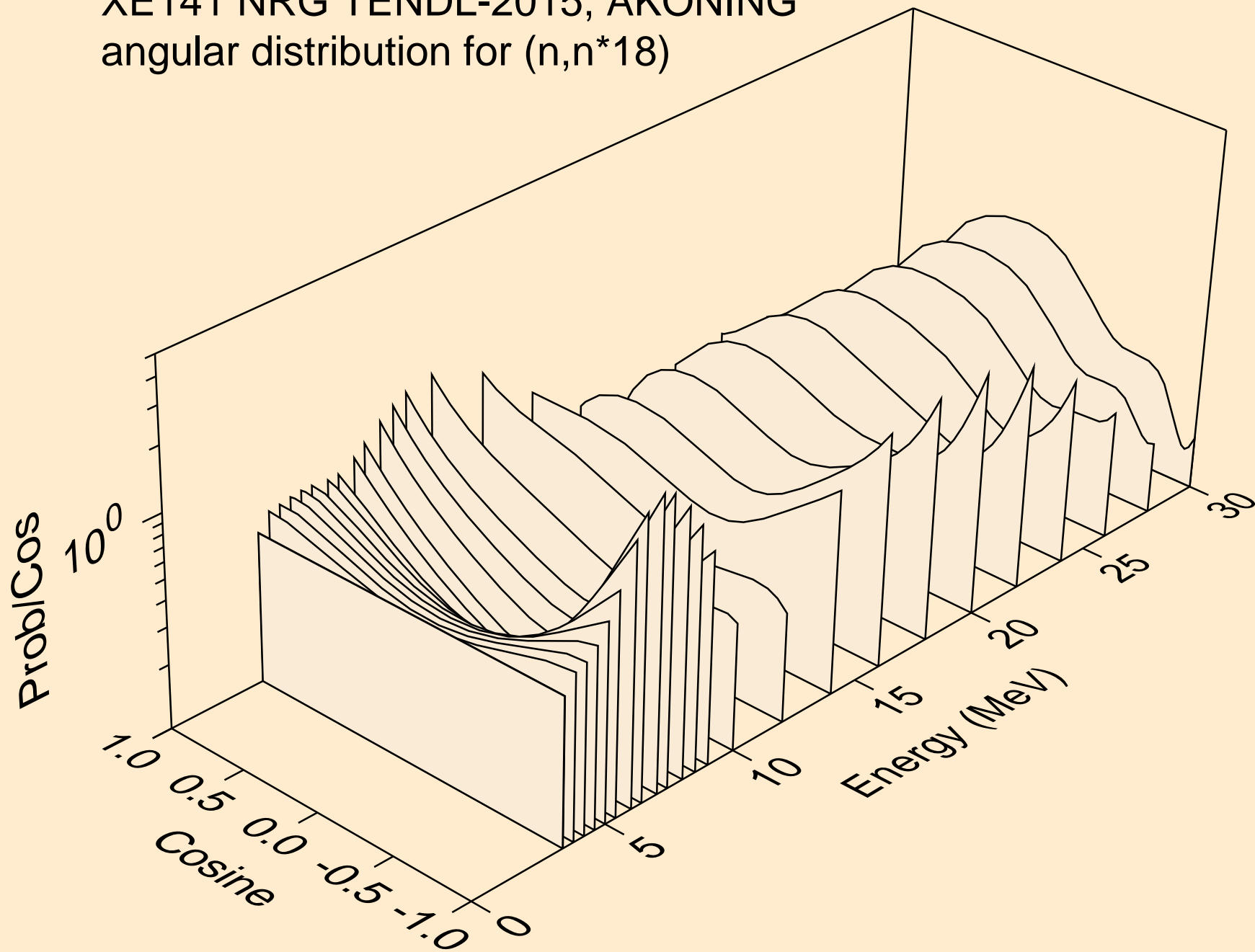
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

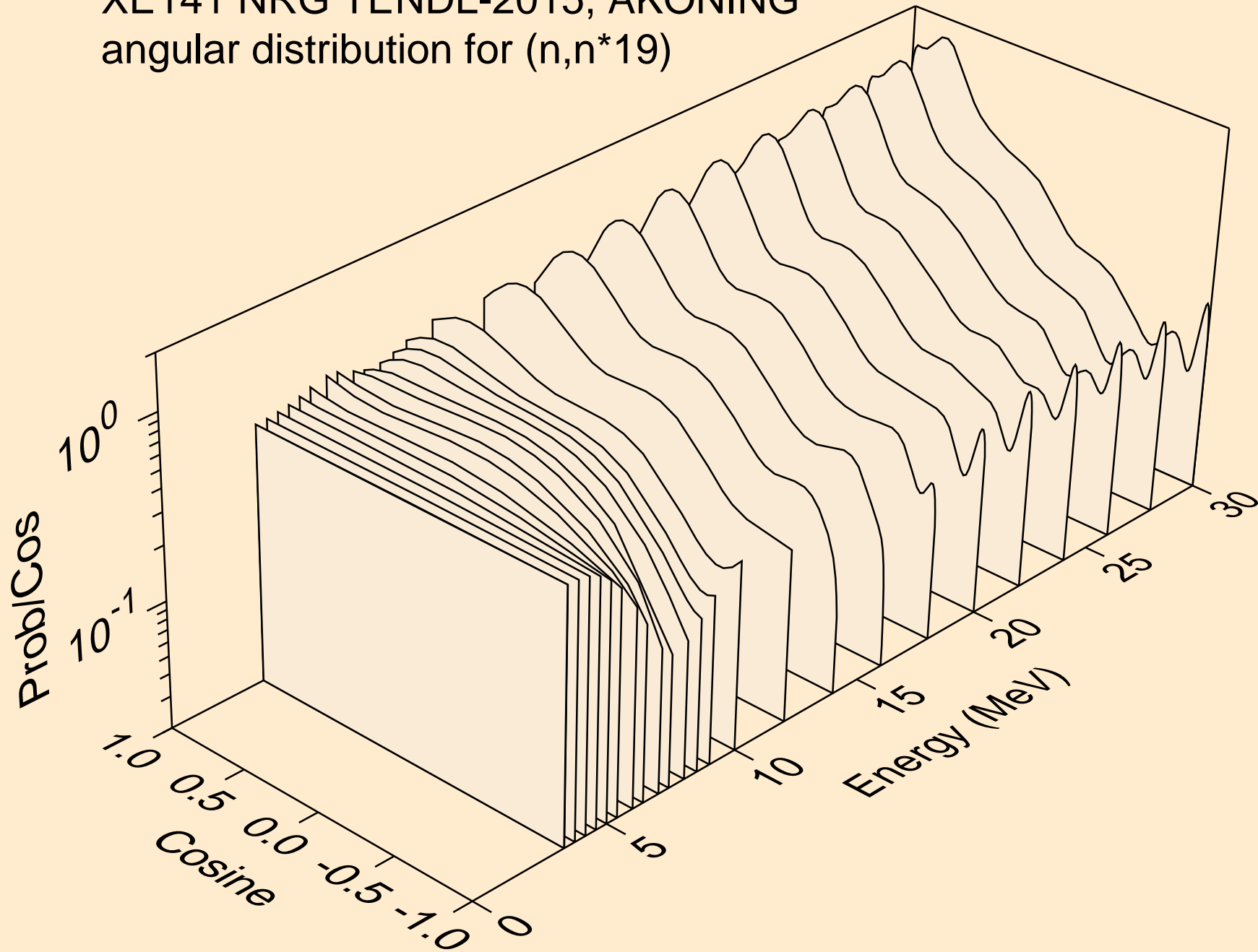


XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

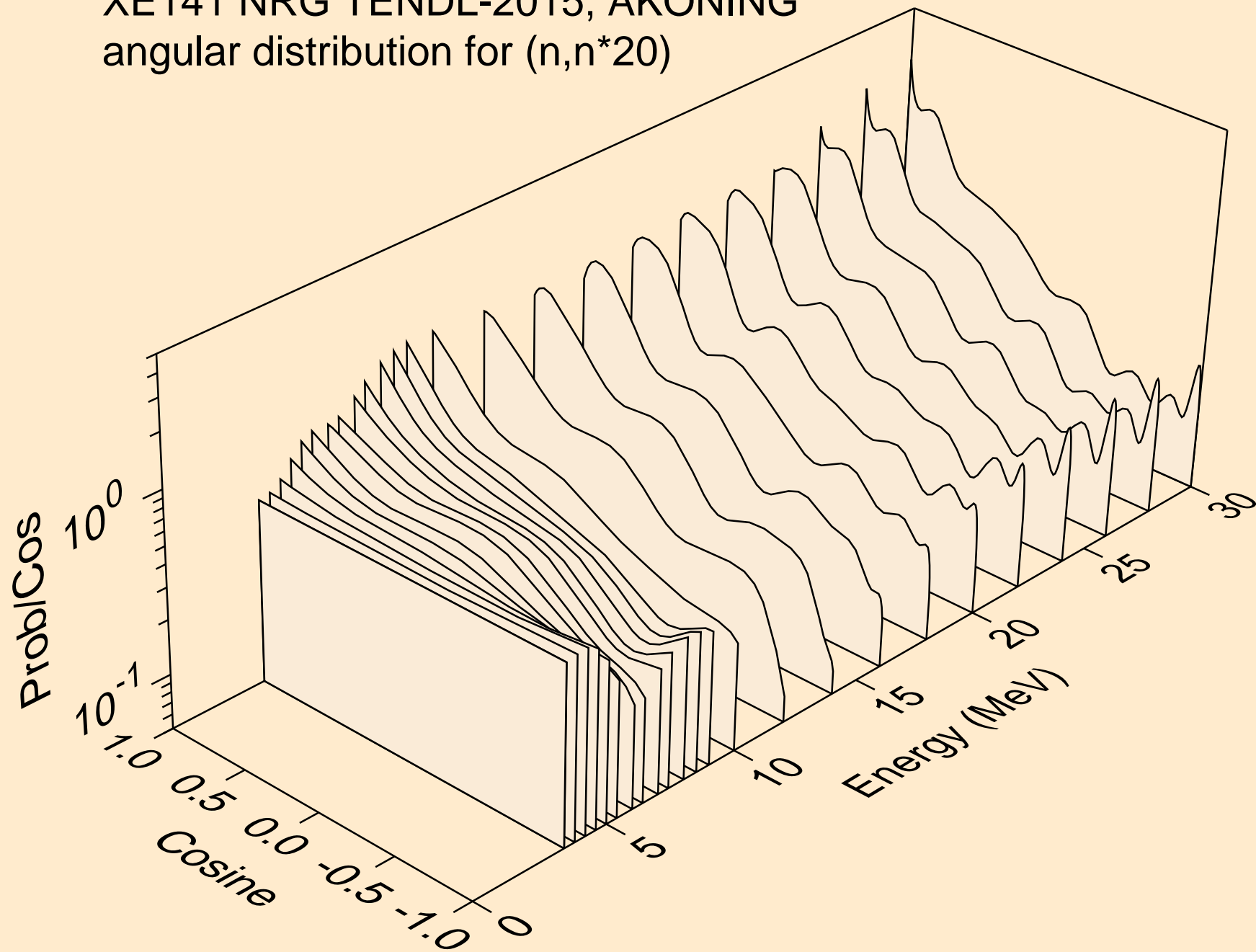




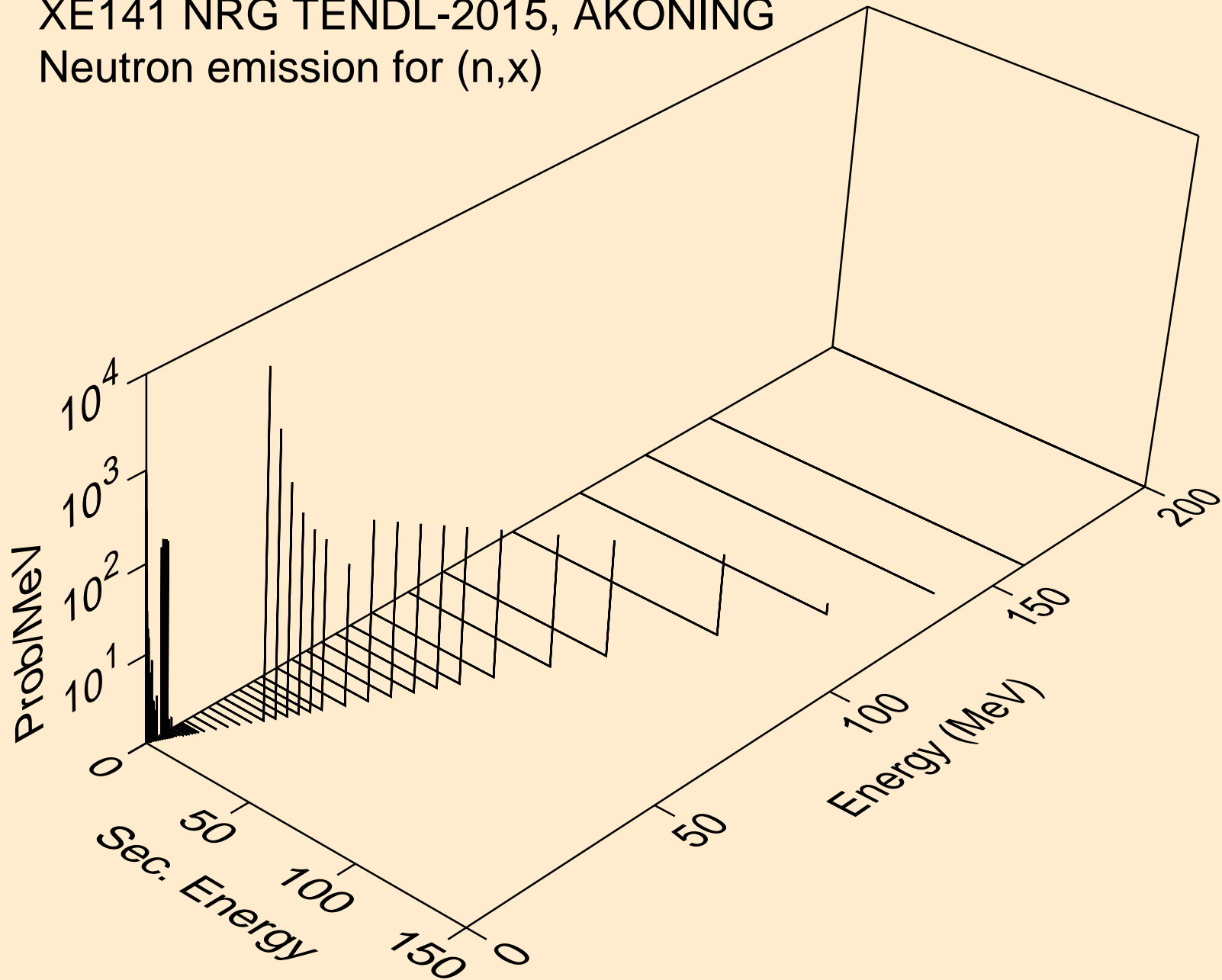
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



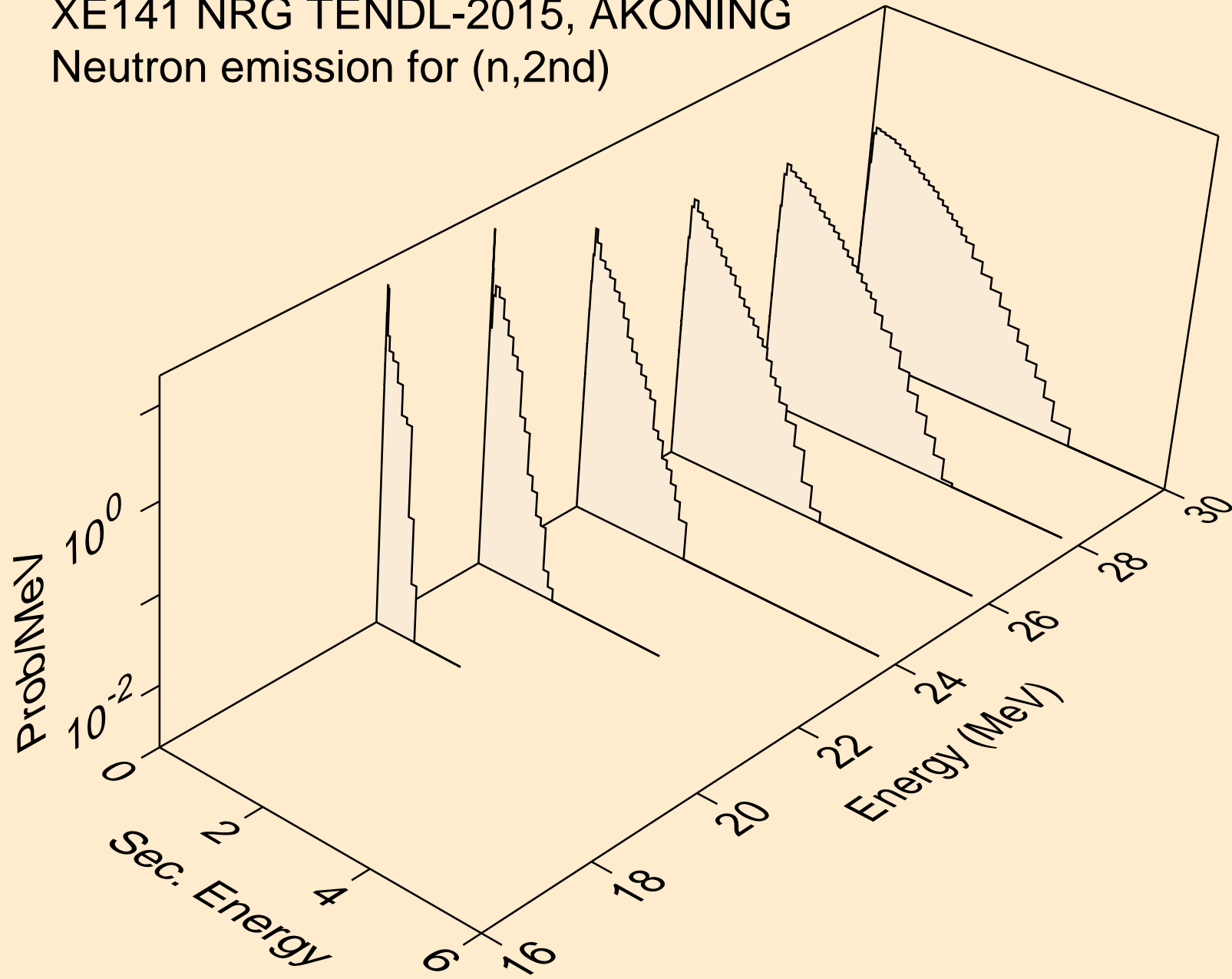
XE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



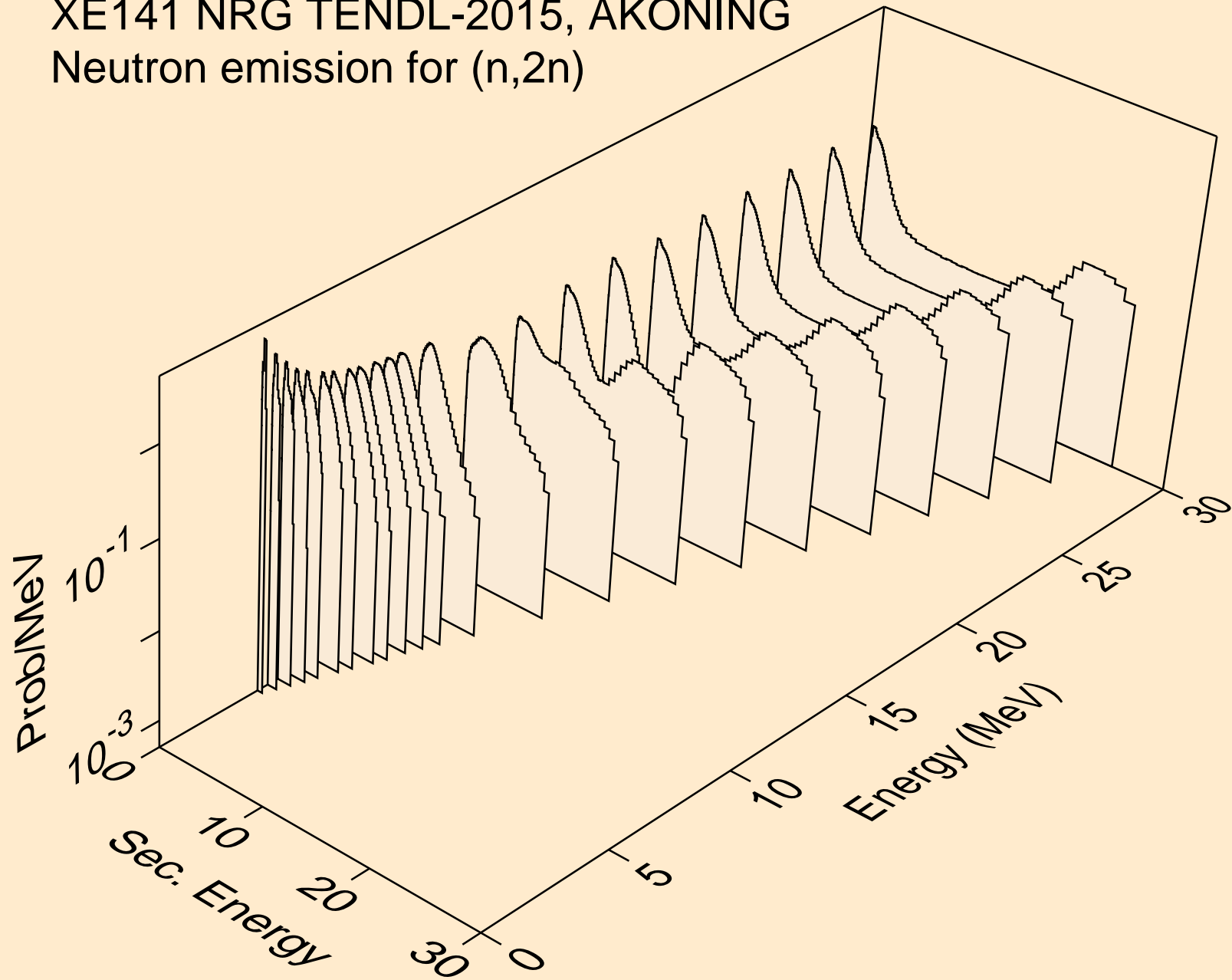
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



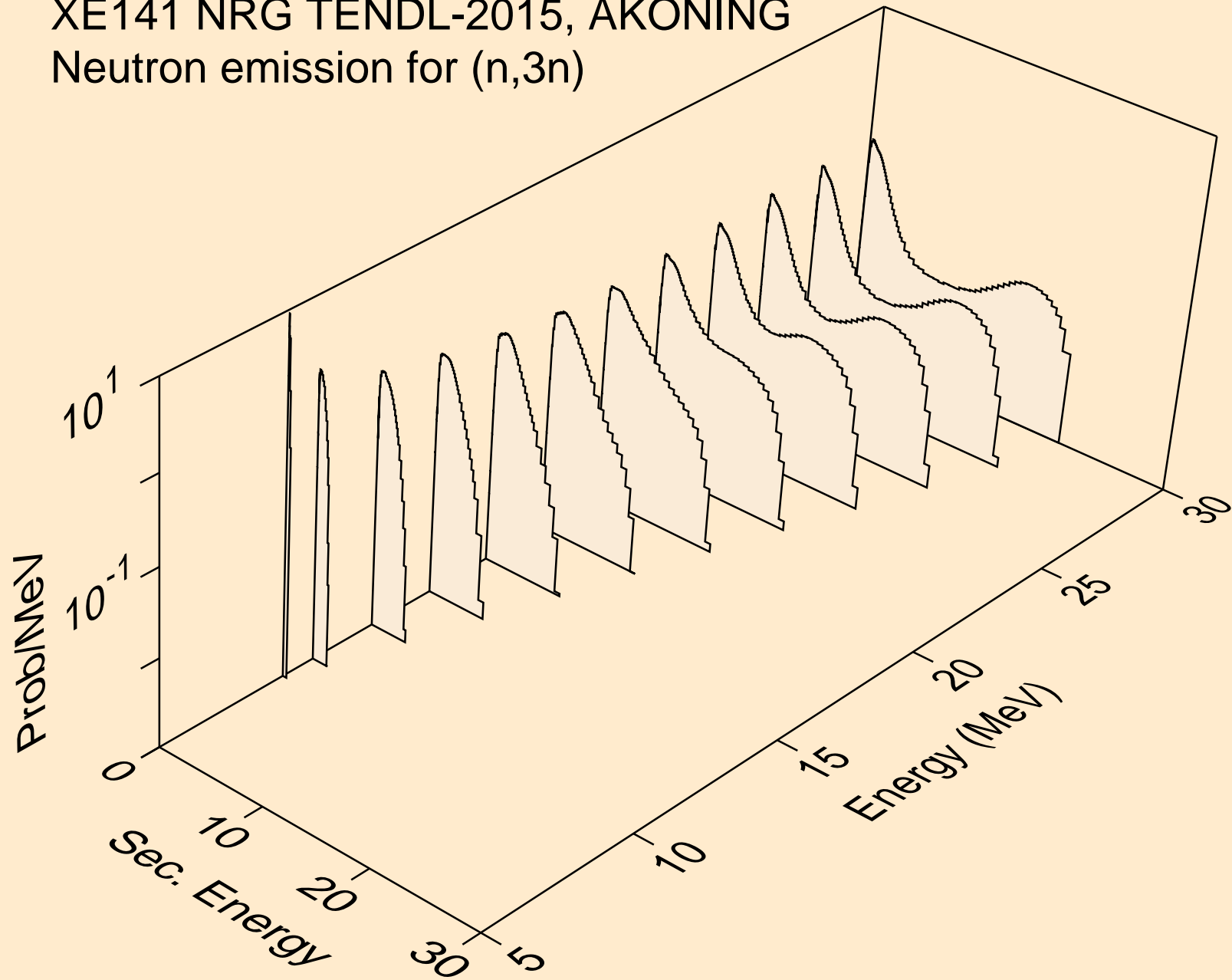
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



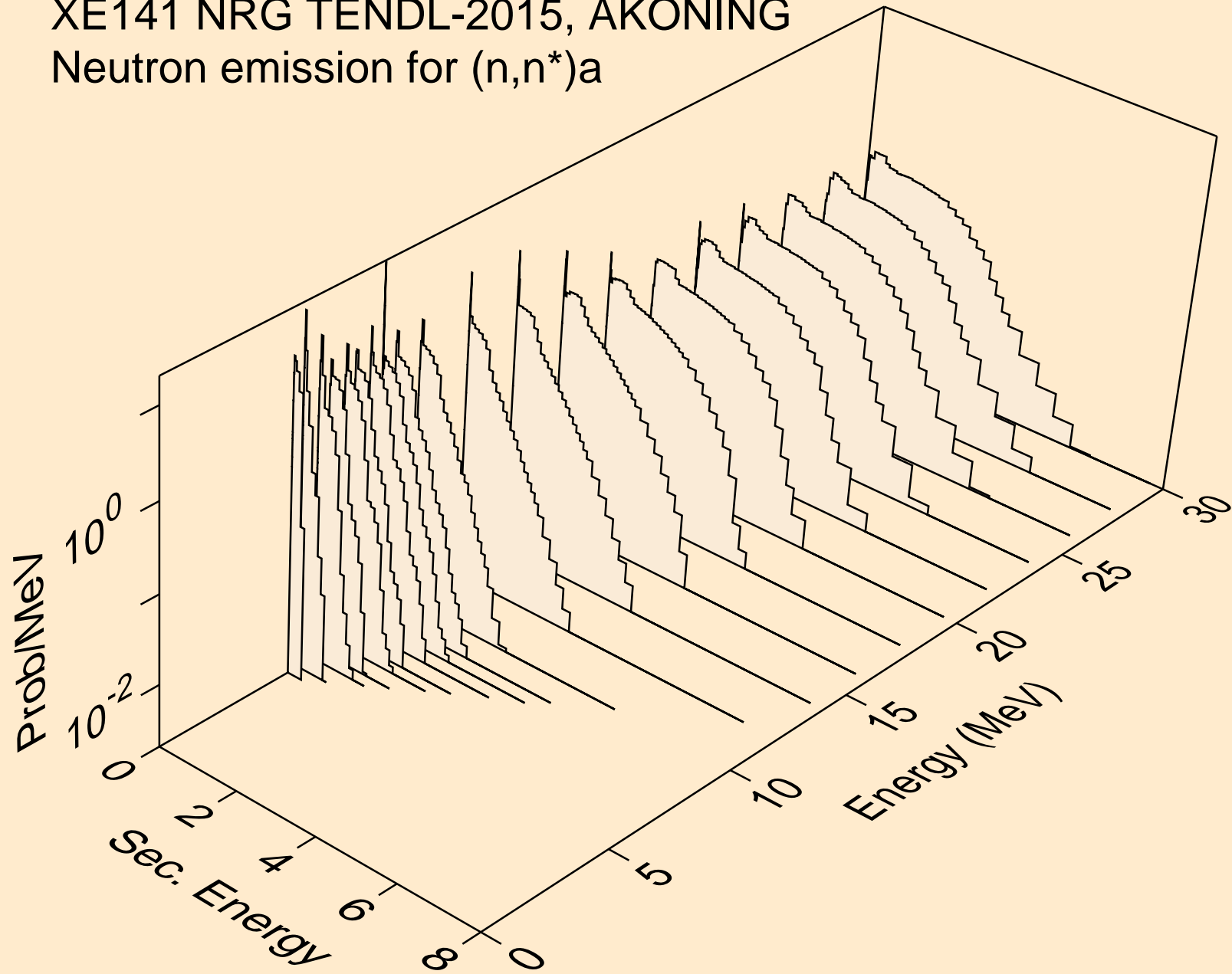
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



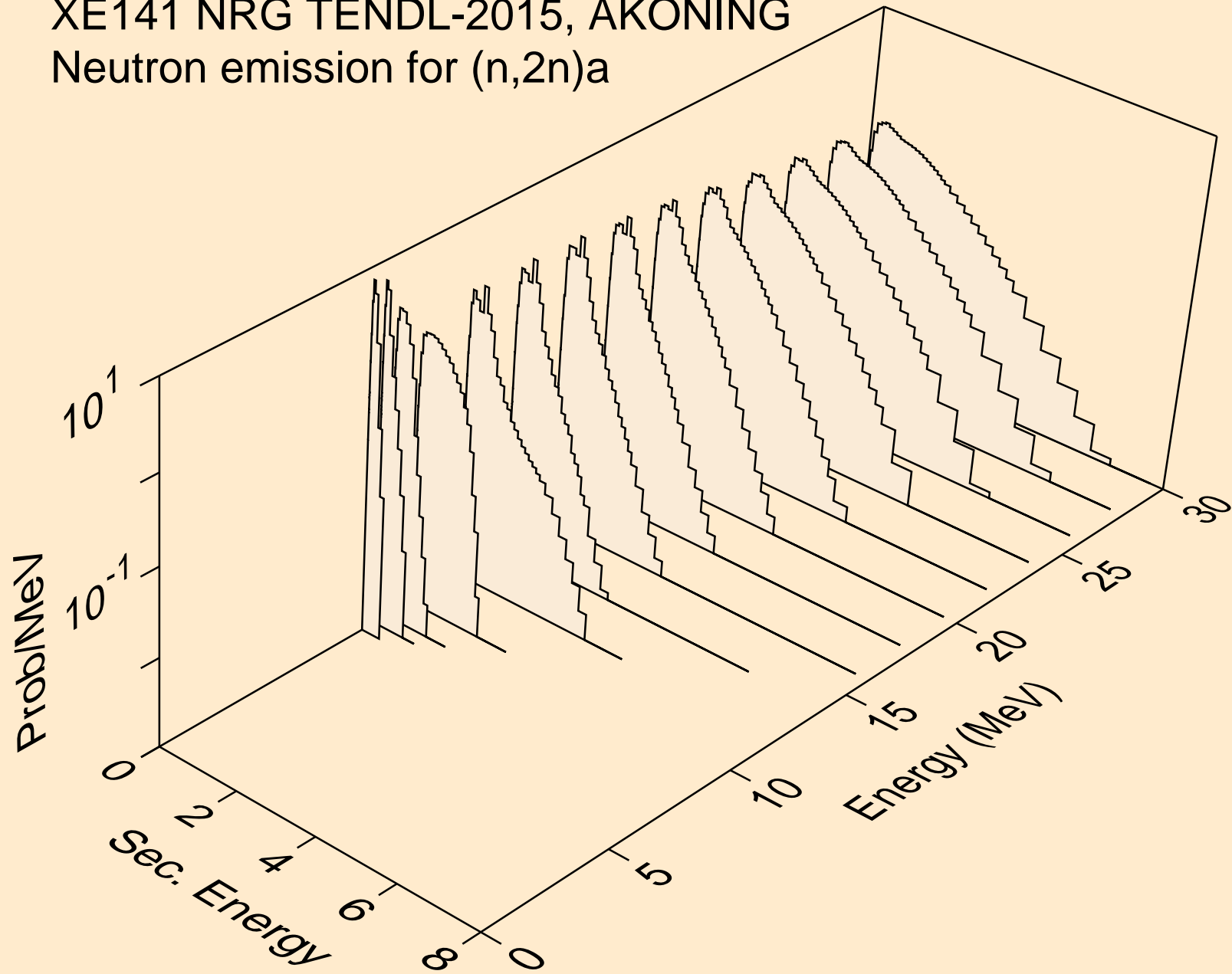
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

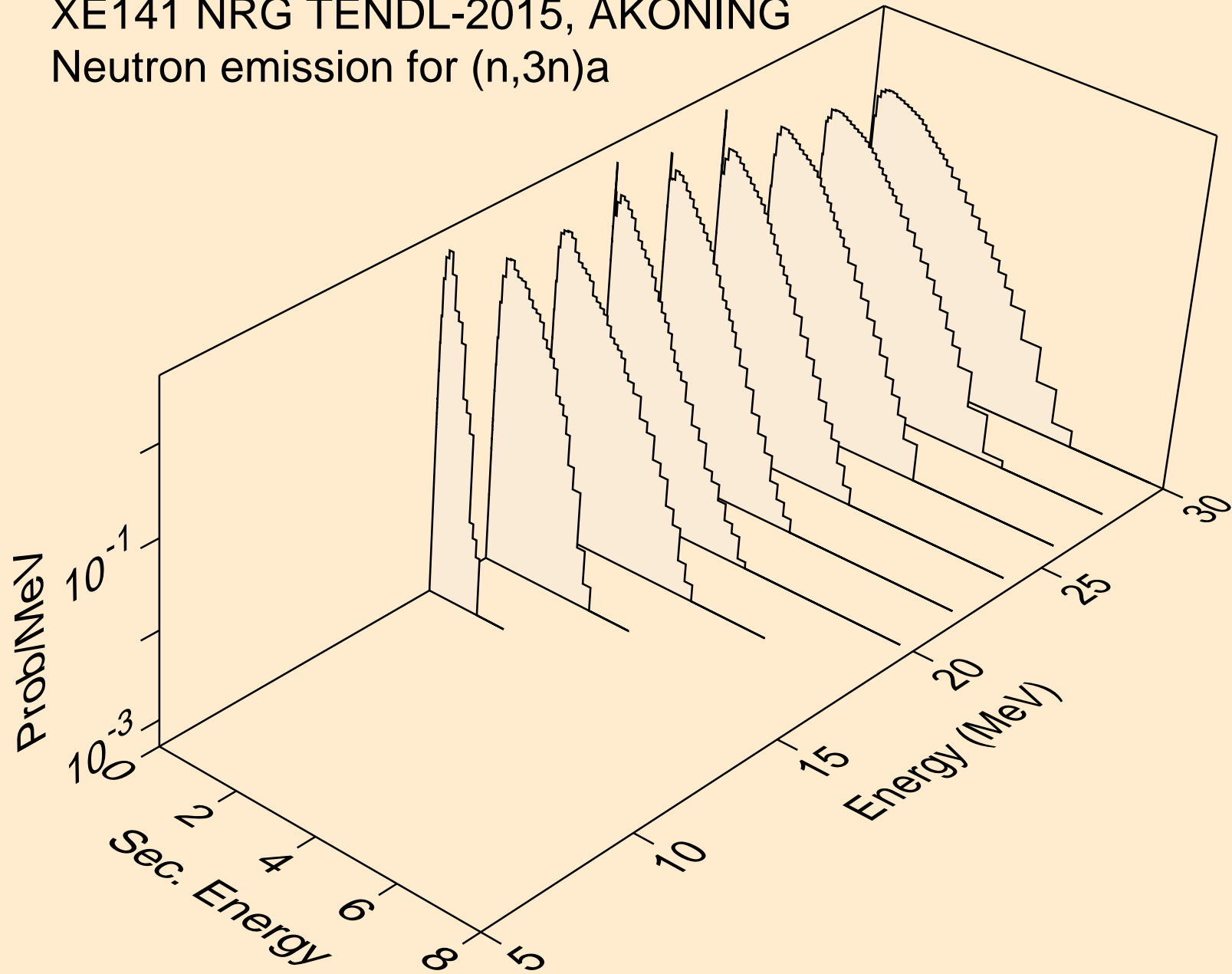


XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

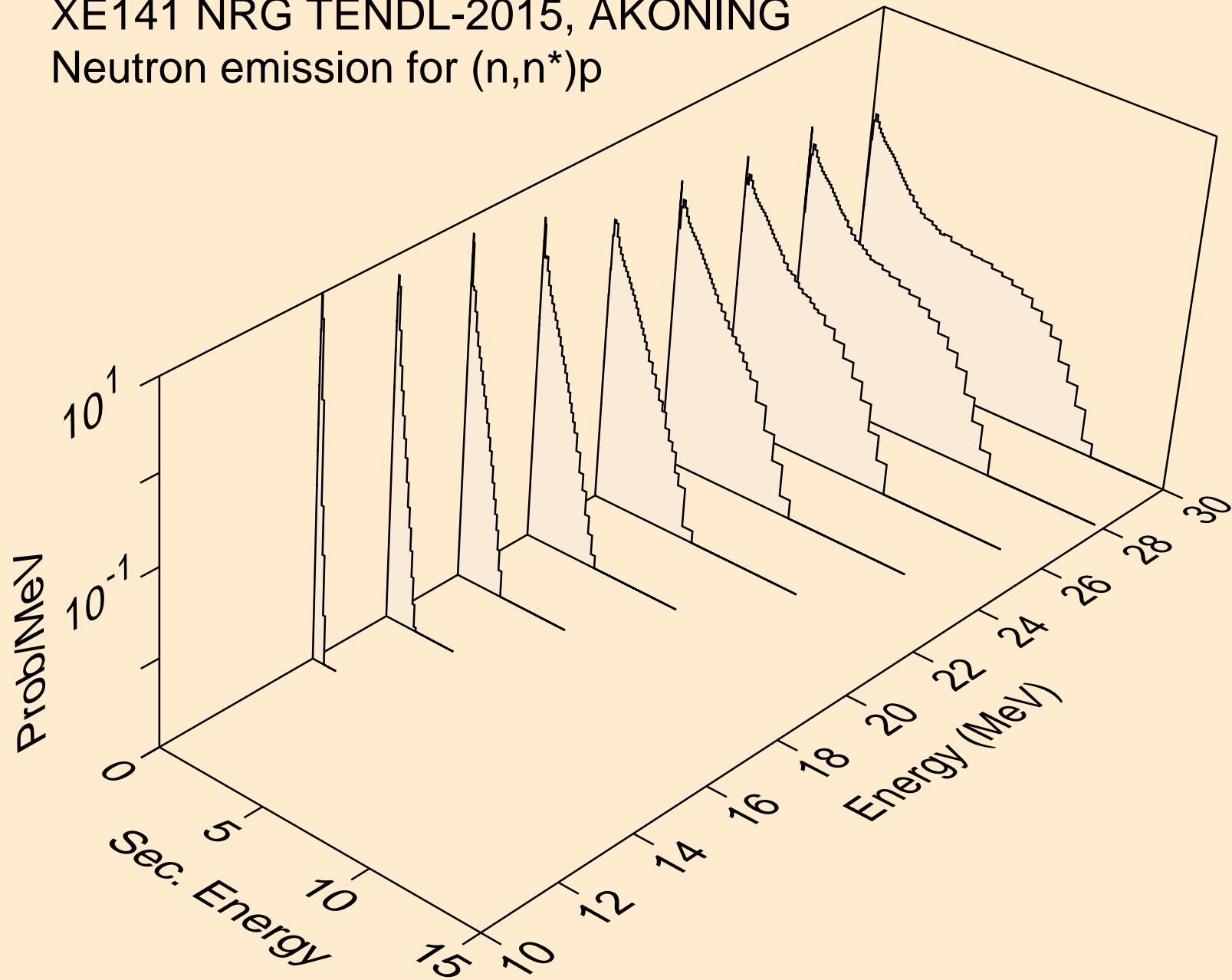




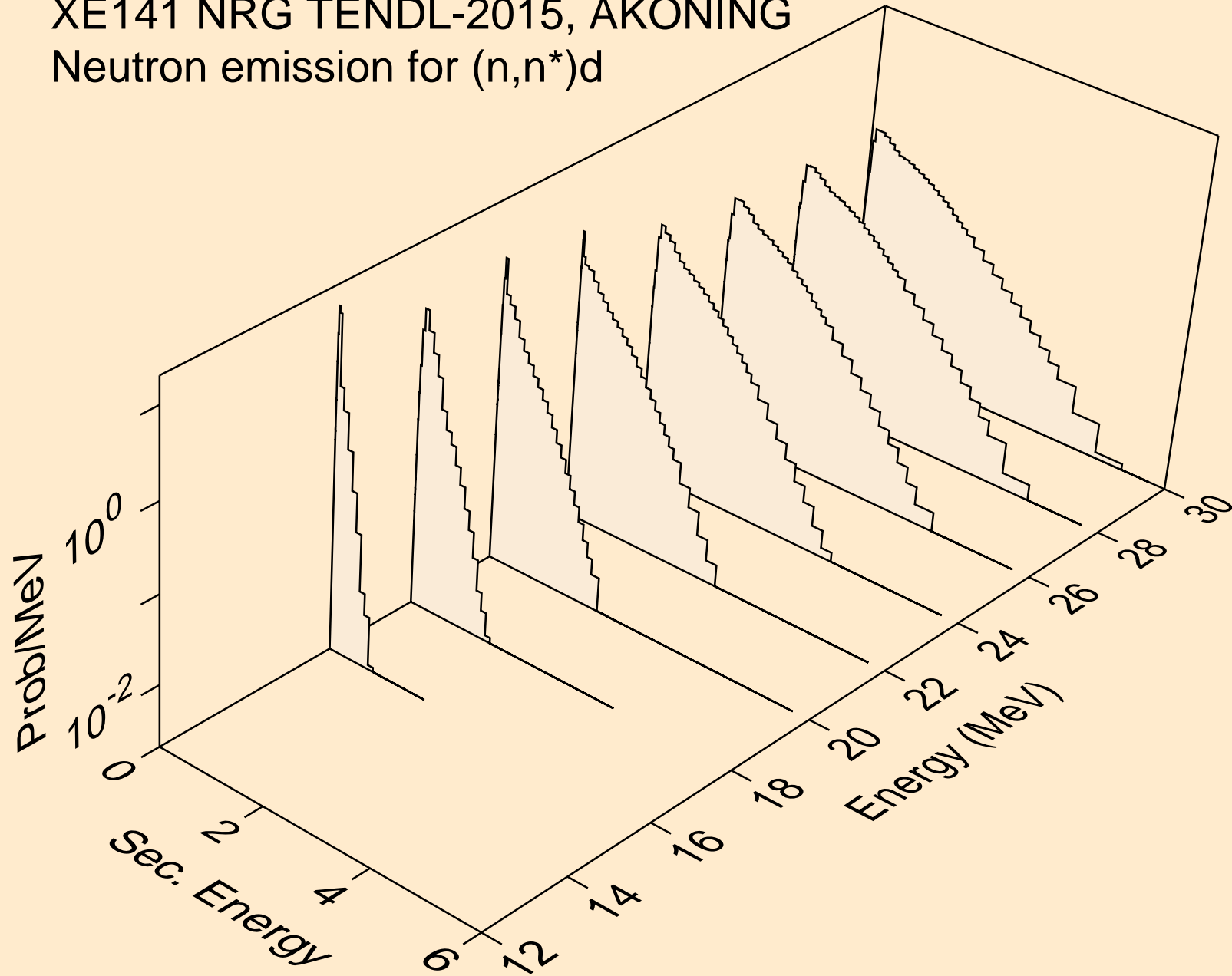
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



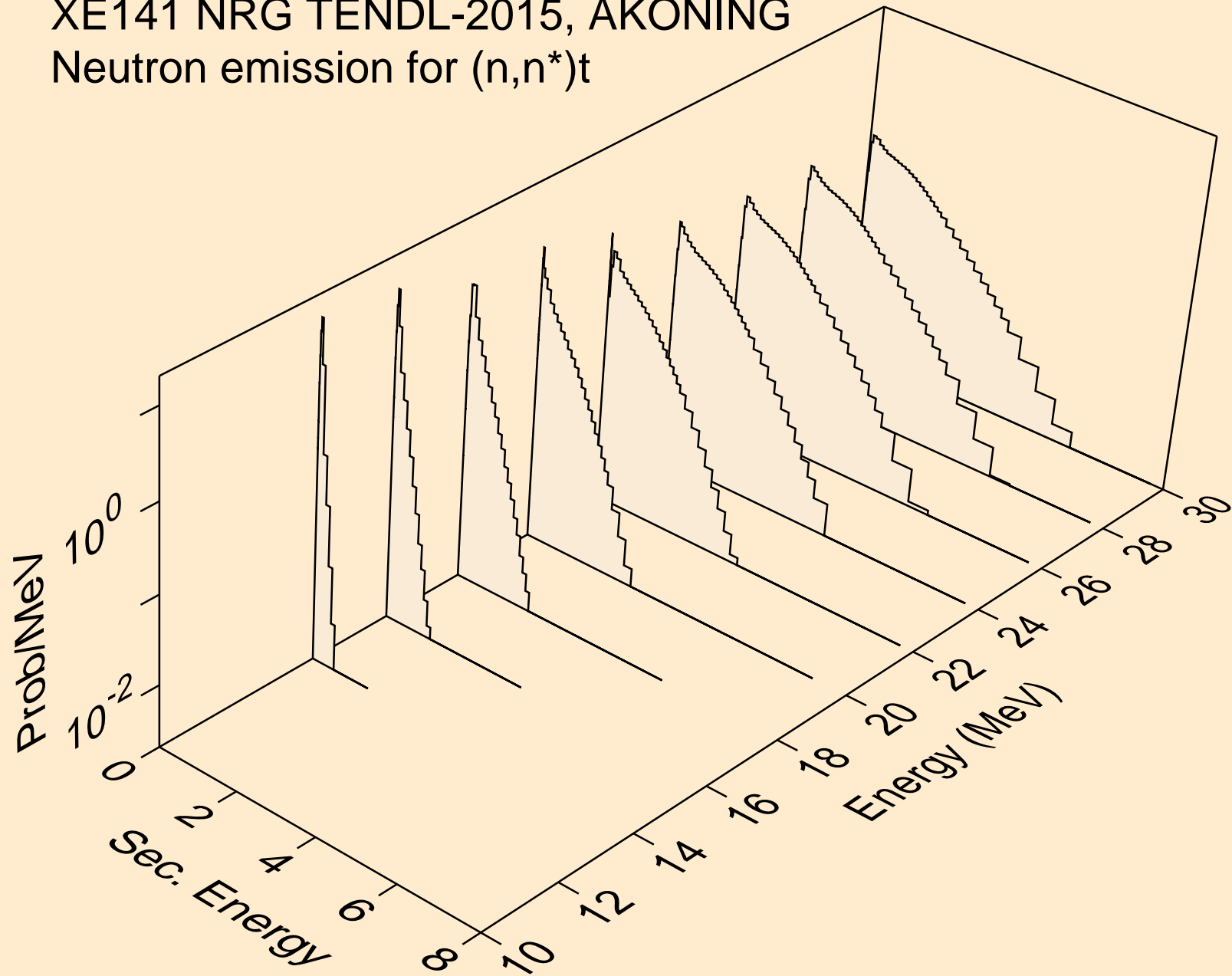
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



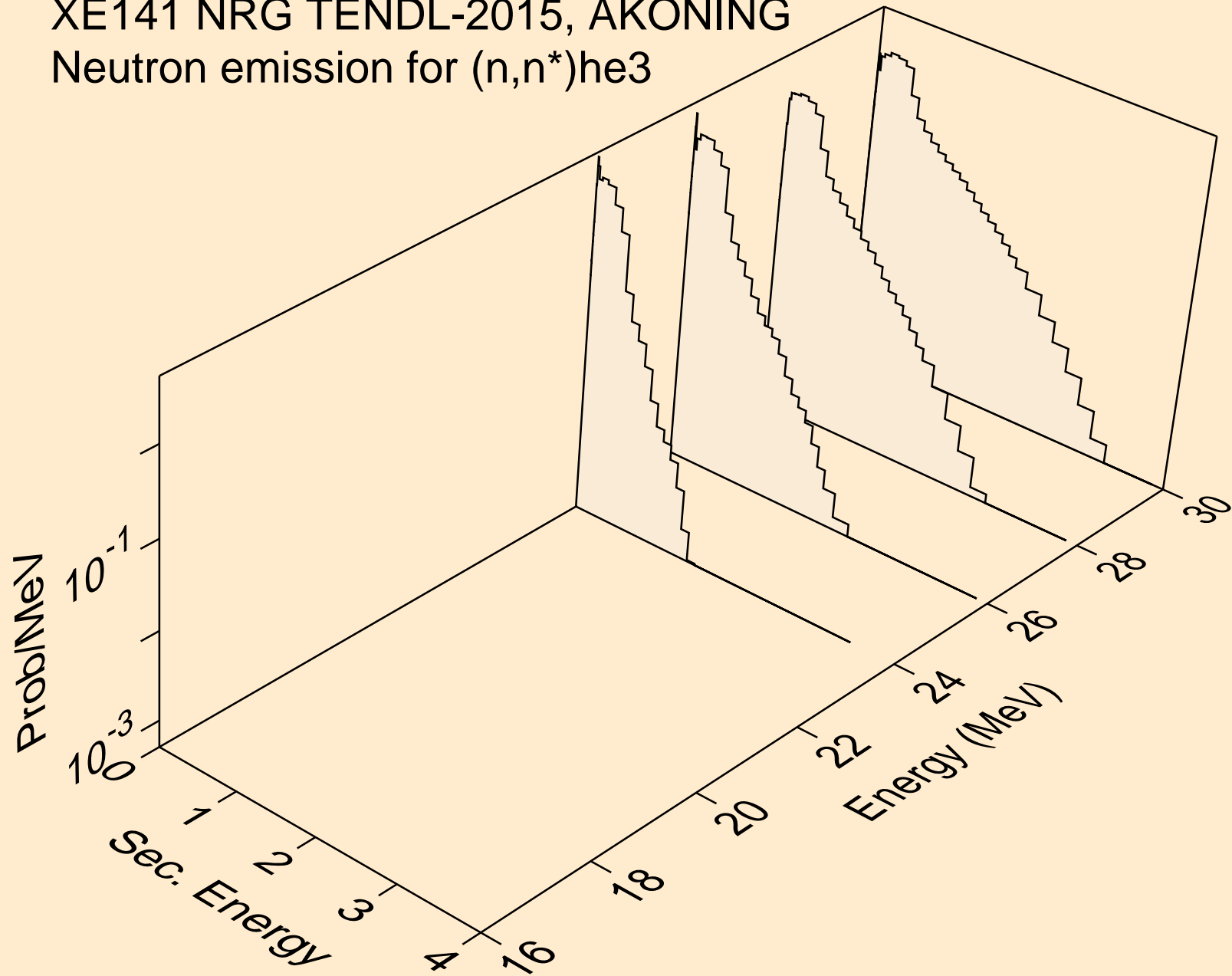
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



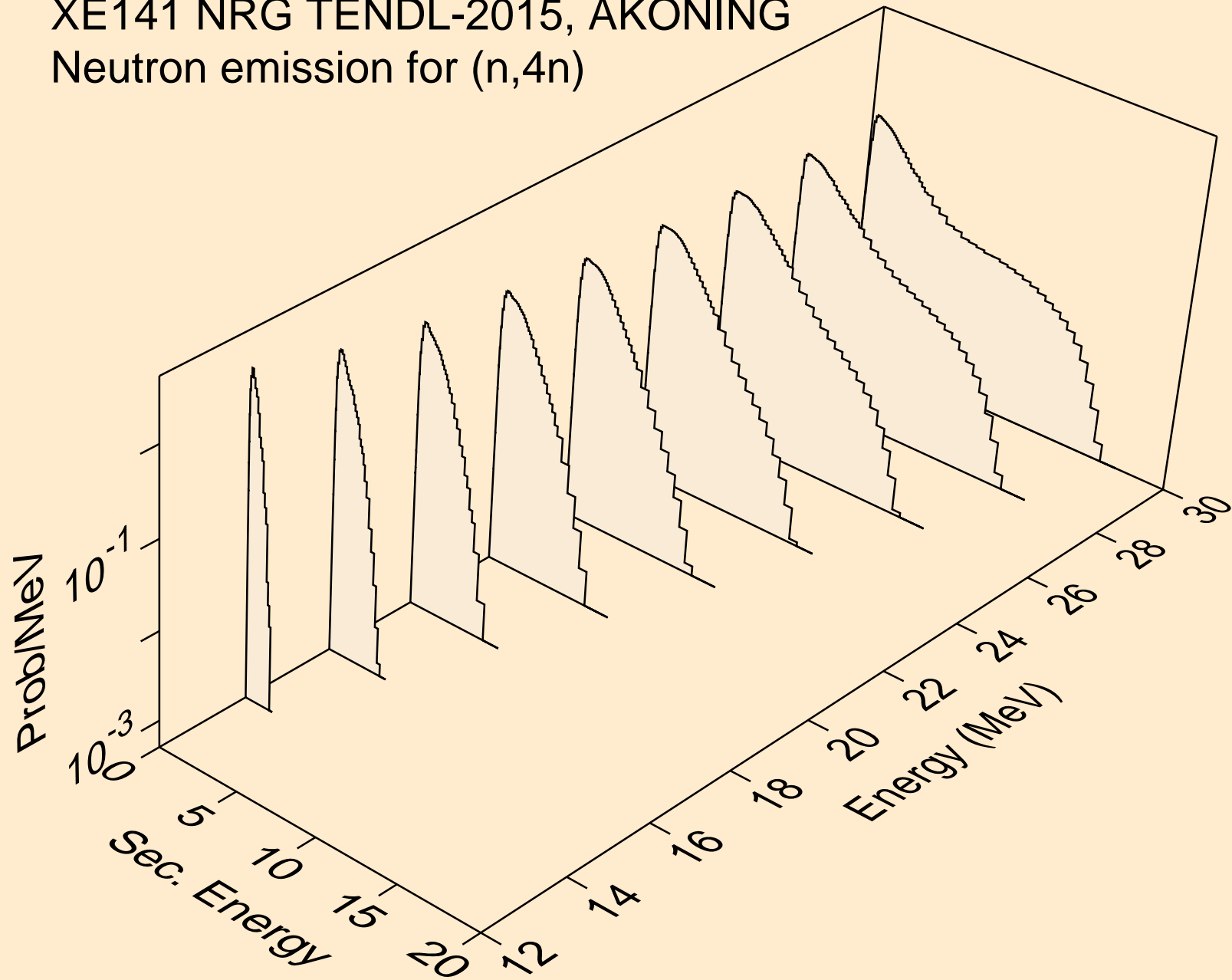
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



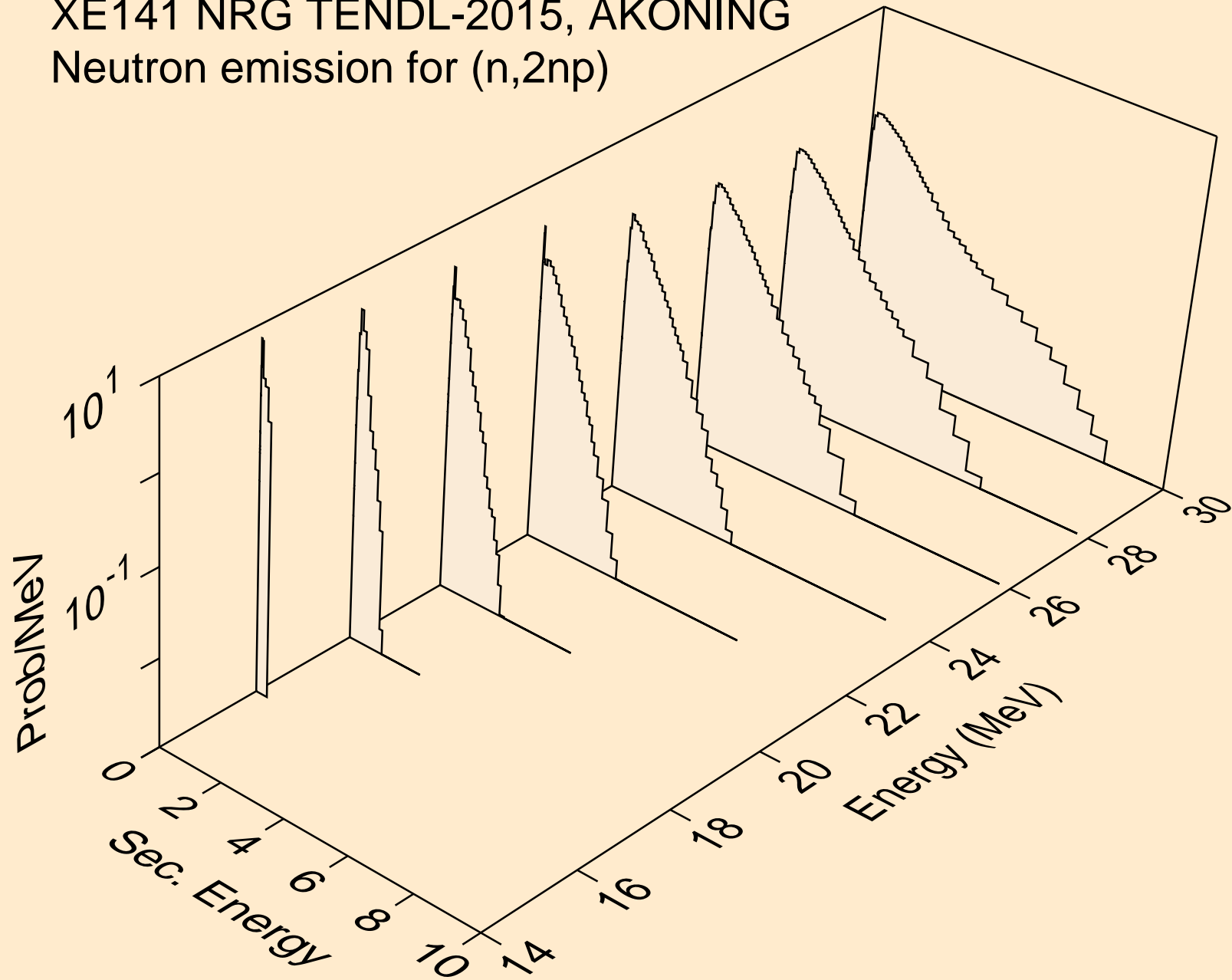
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



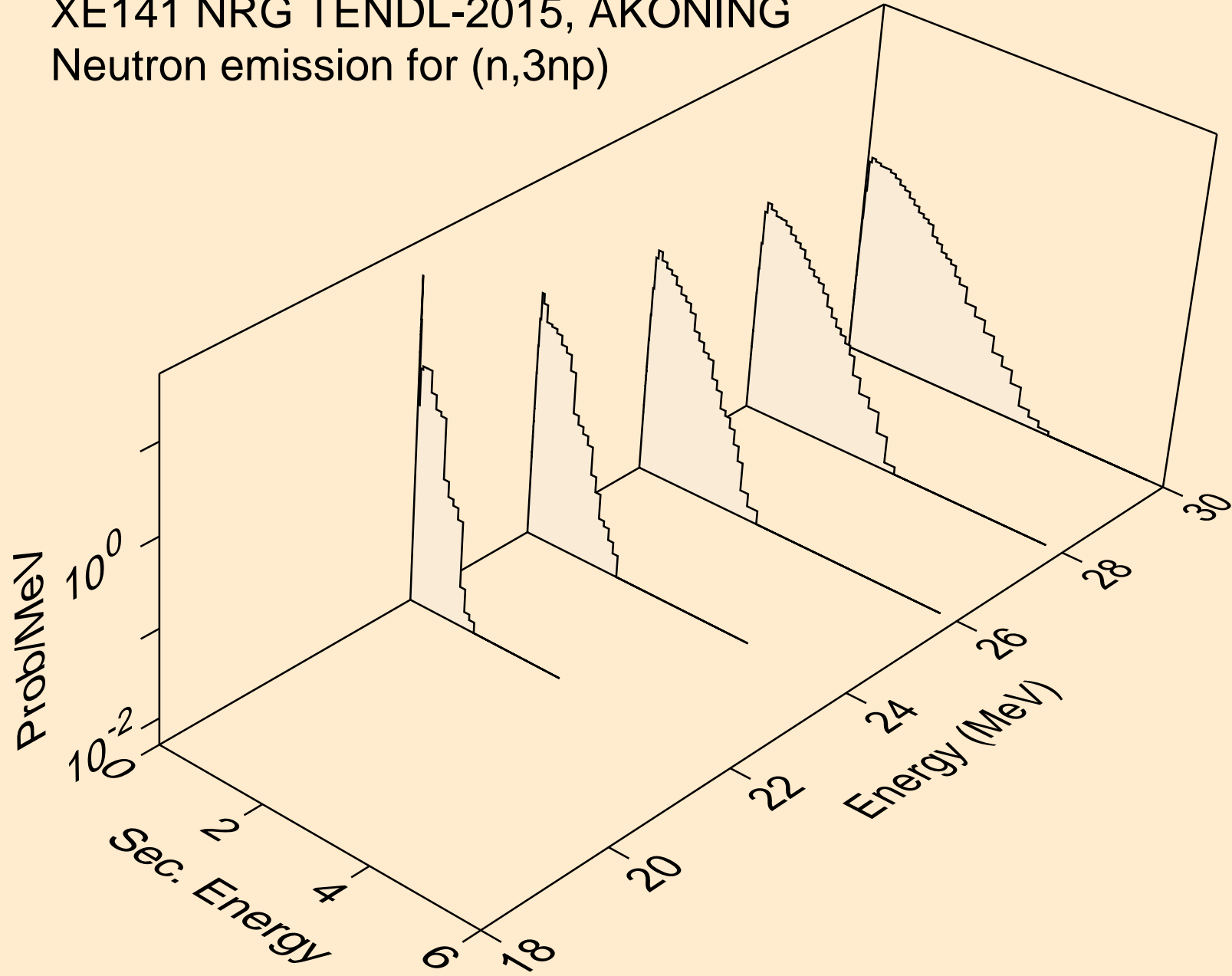
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

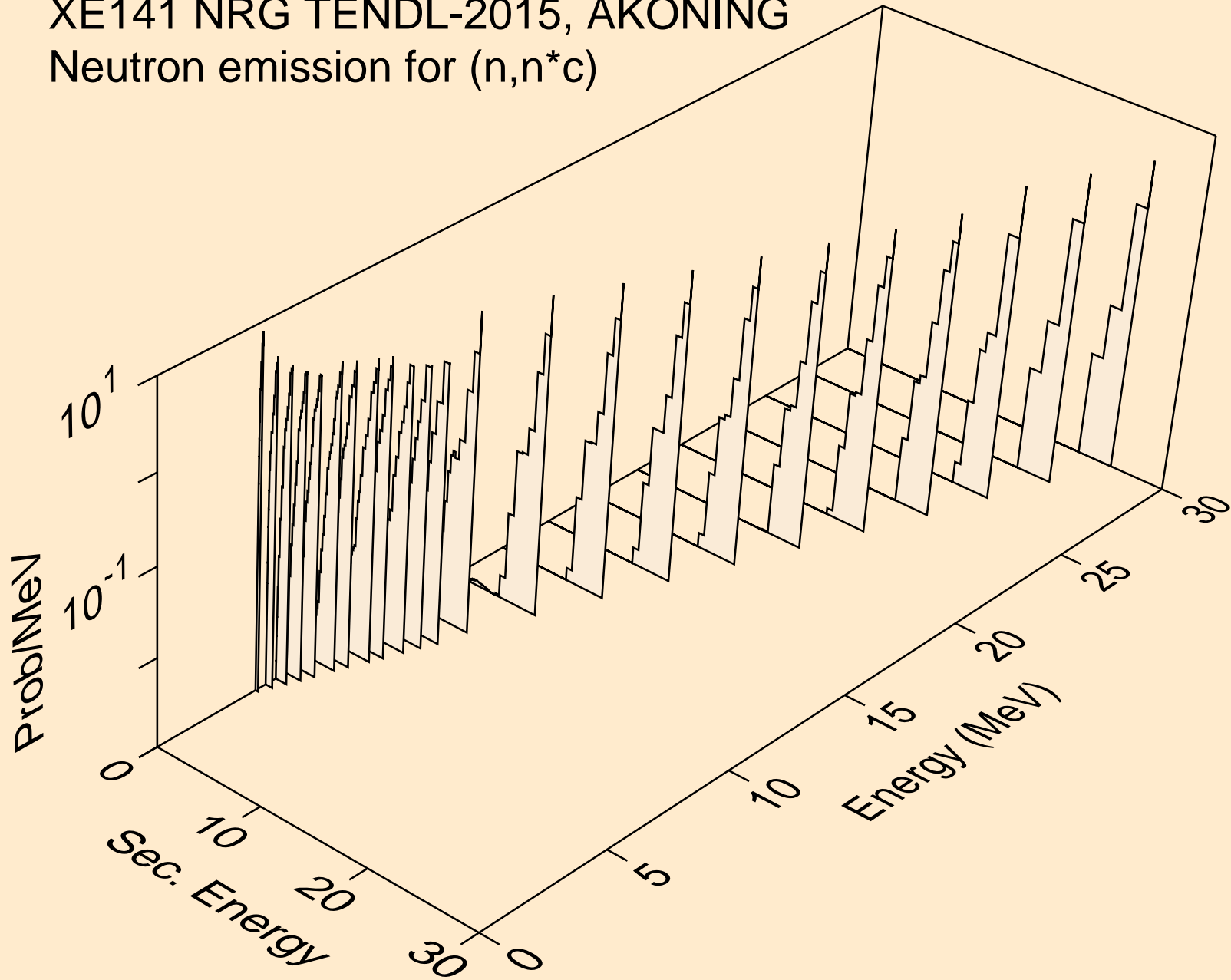


XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

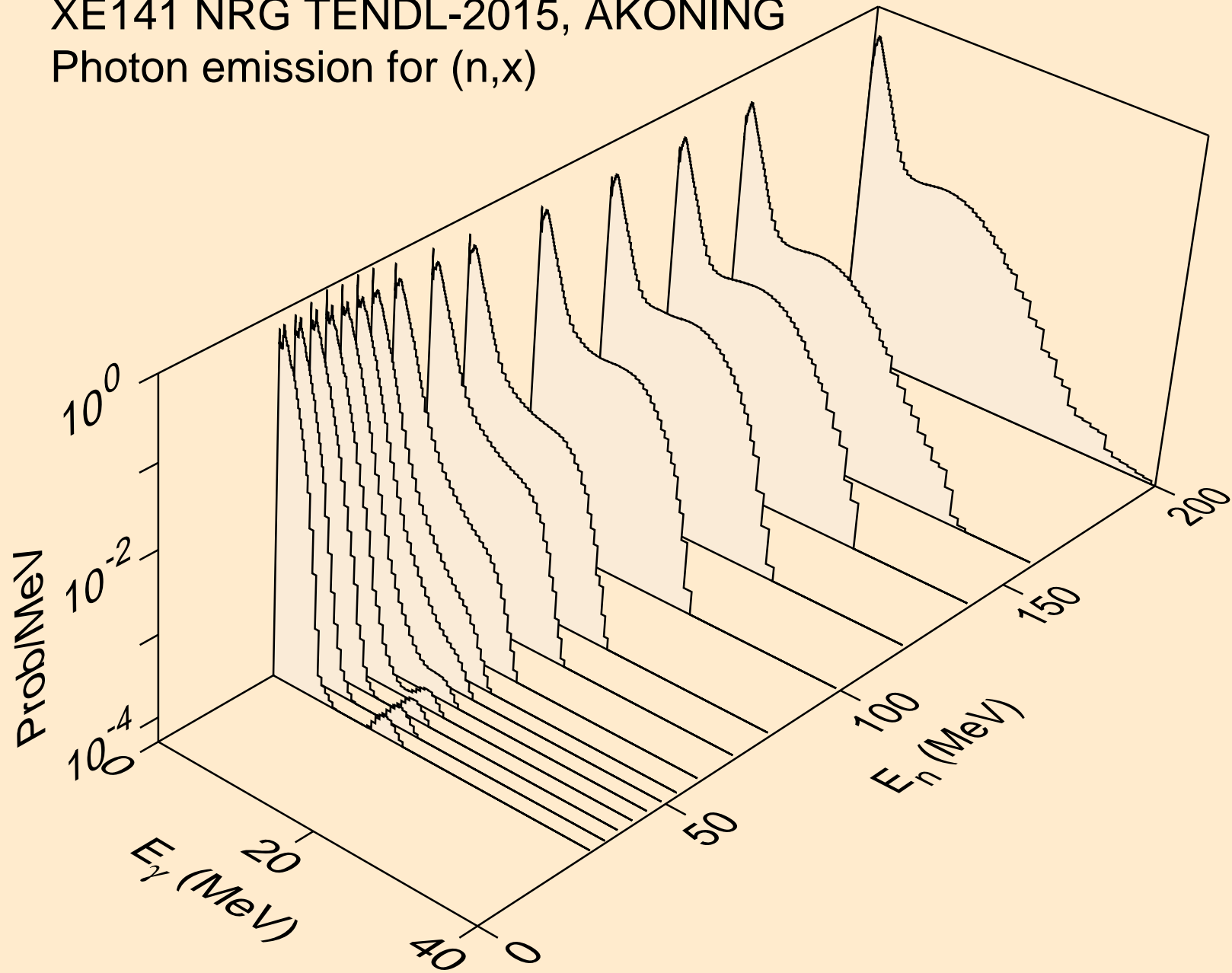




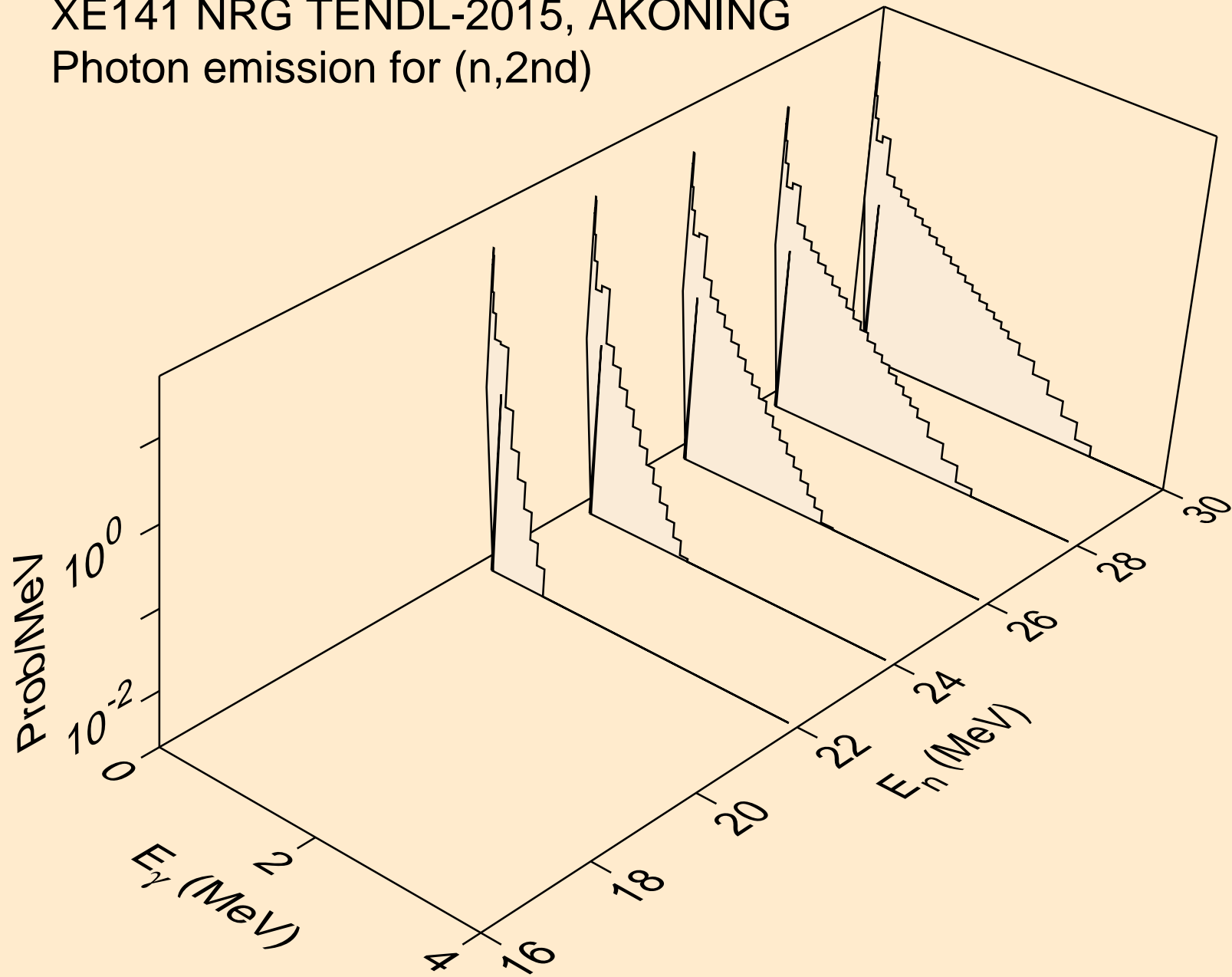
XE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



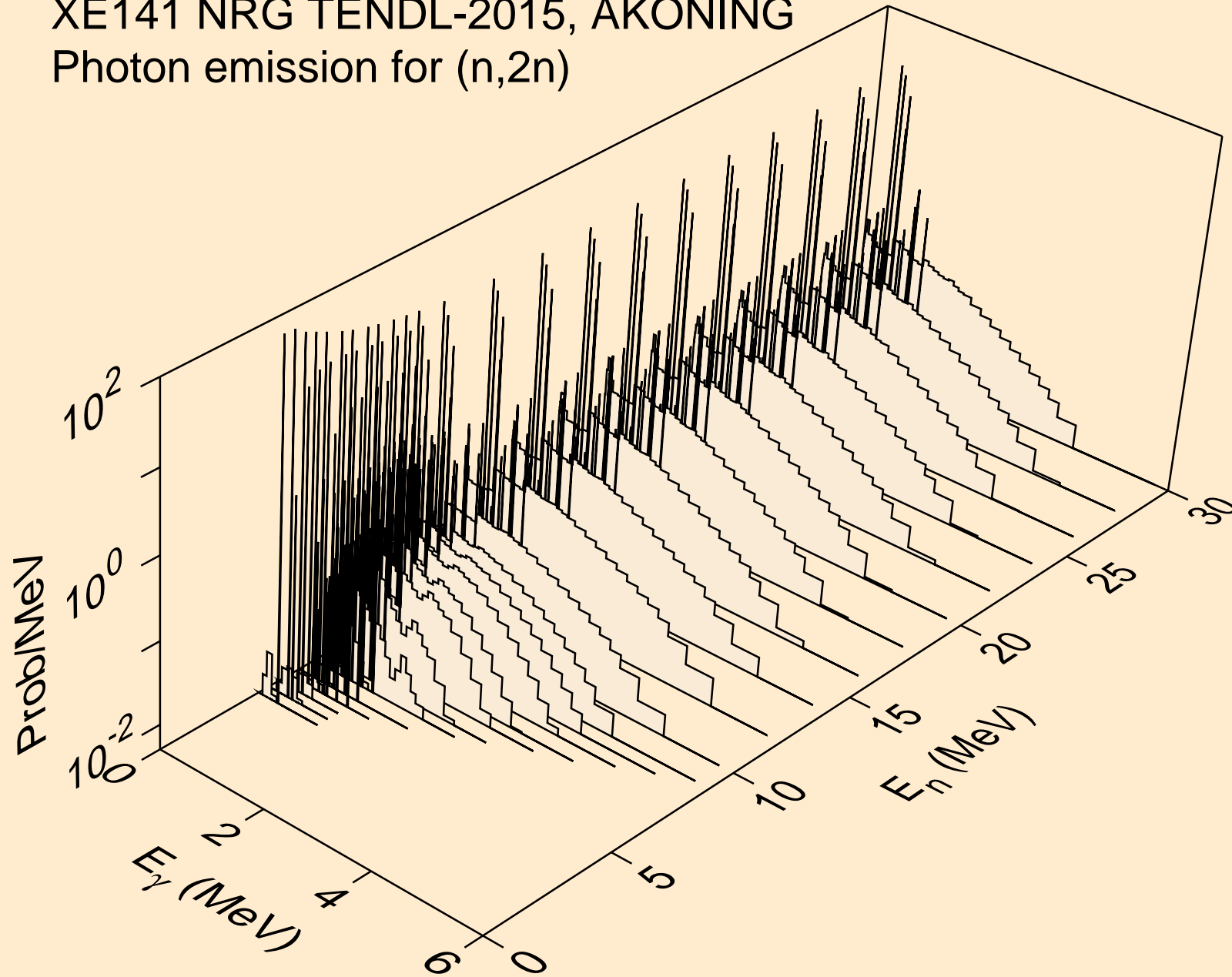
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



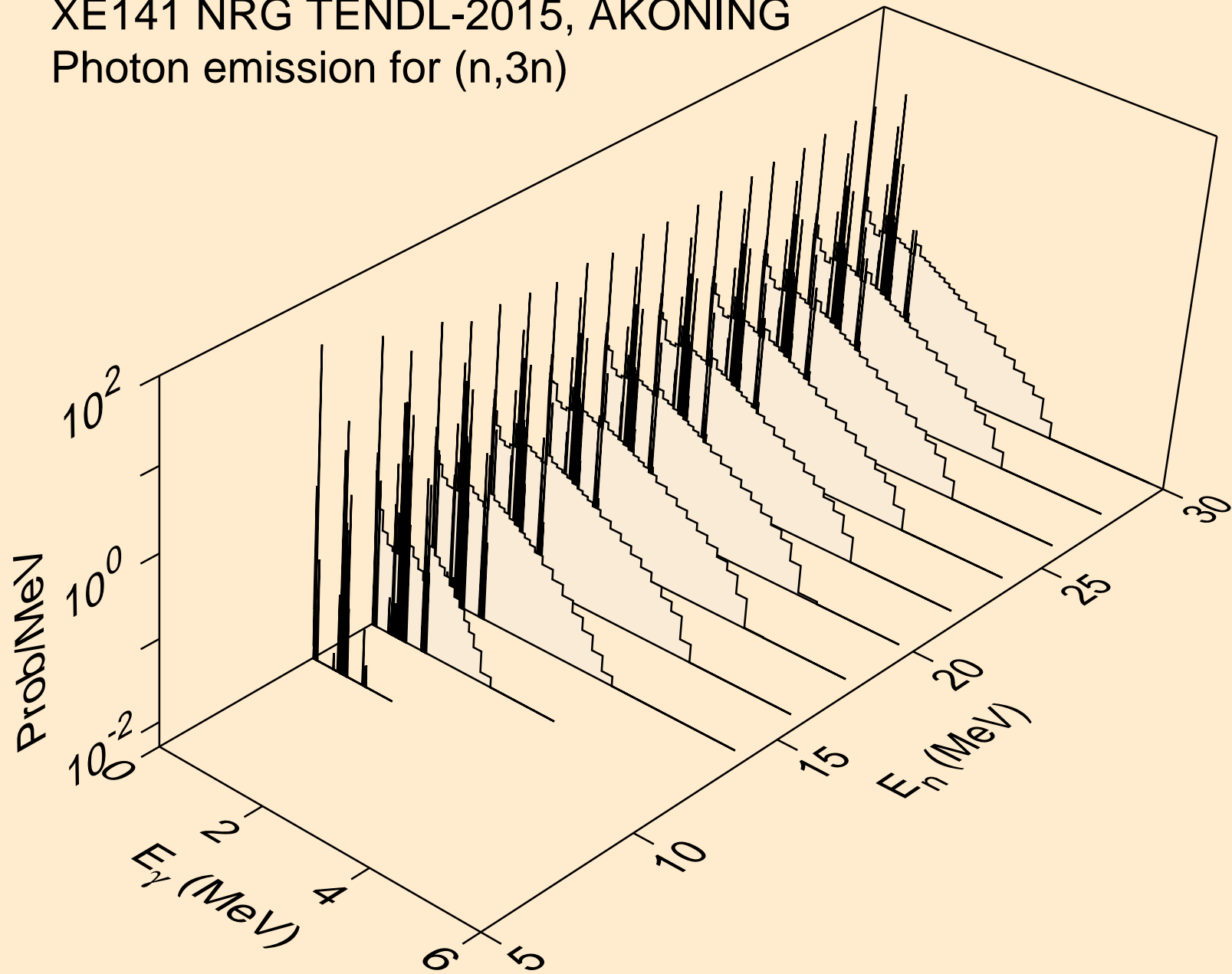
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



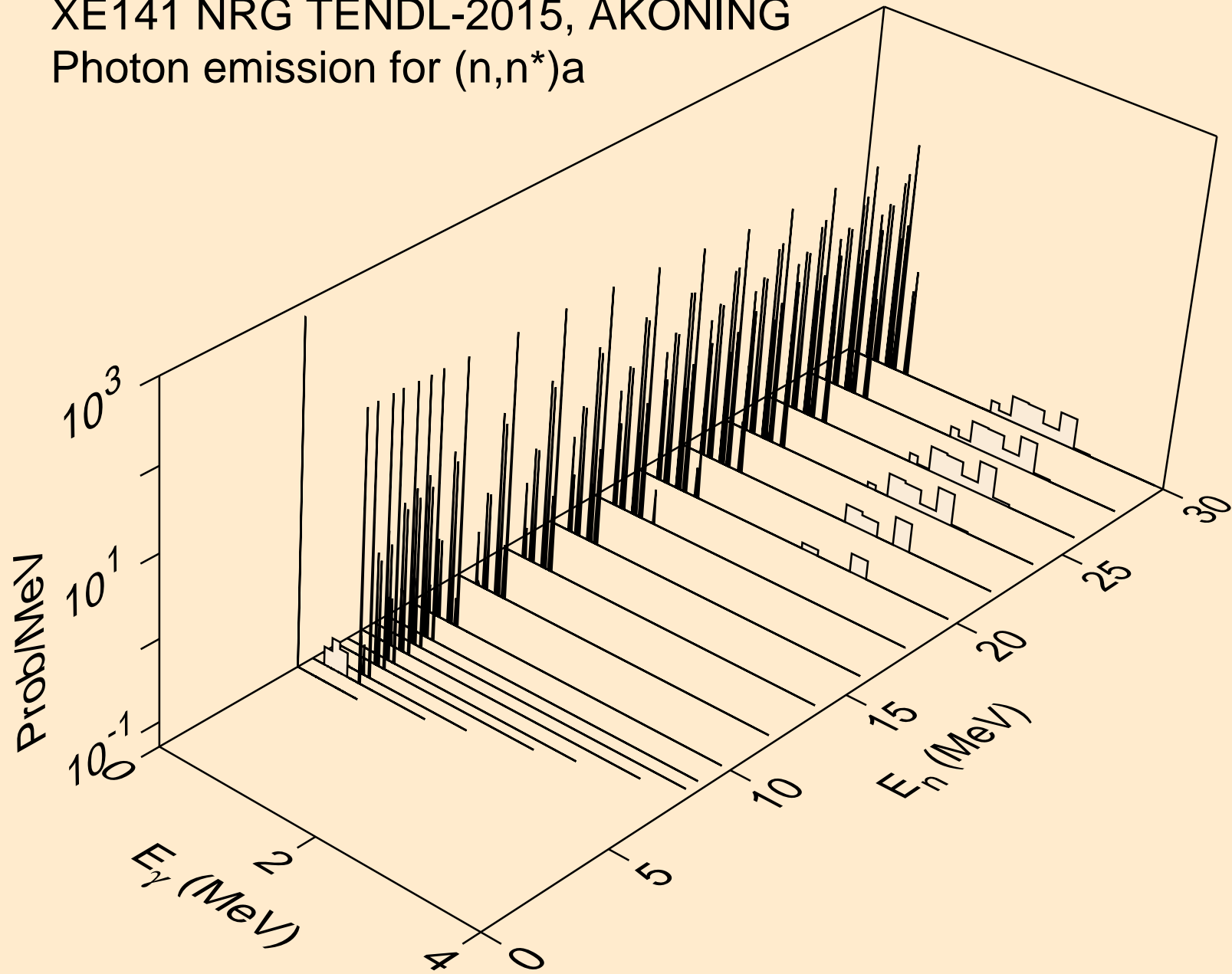
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



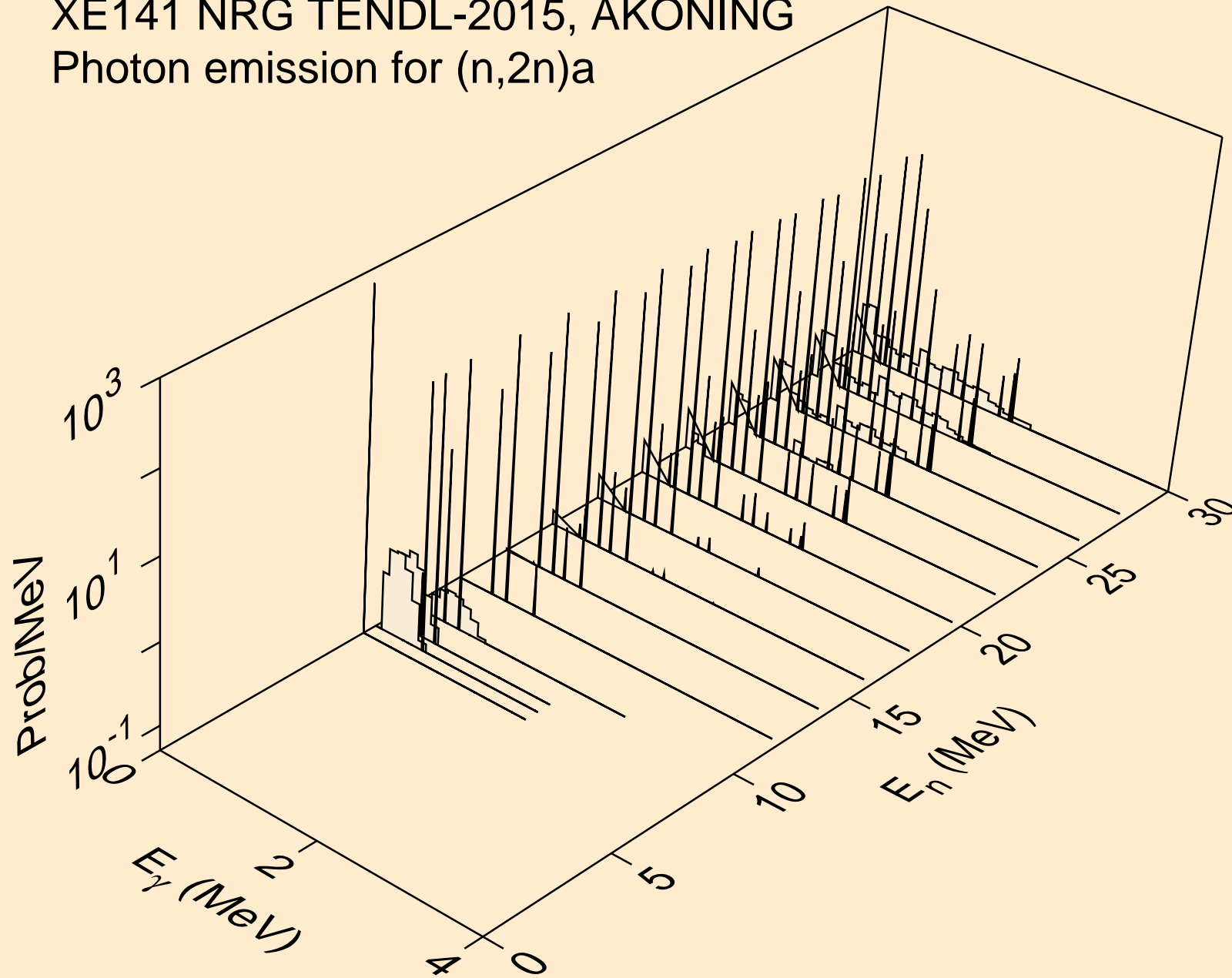
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



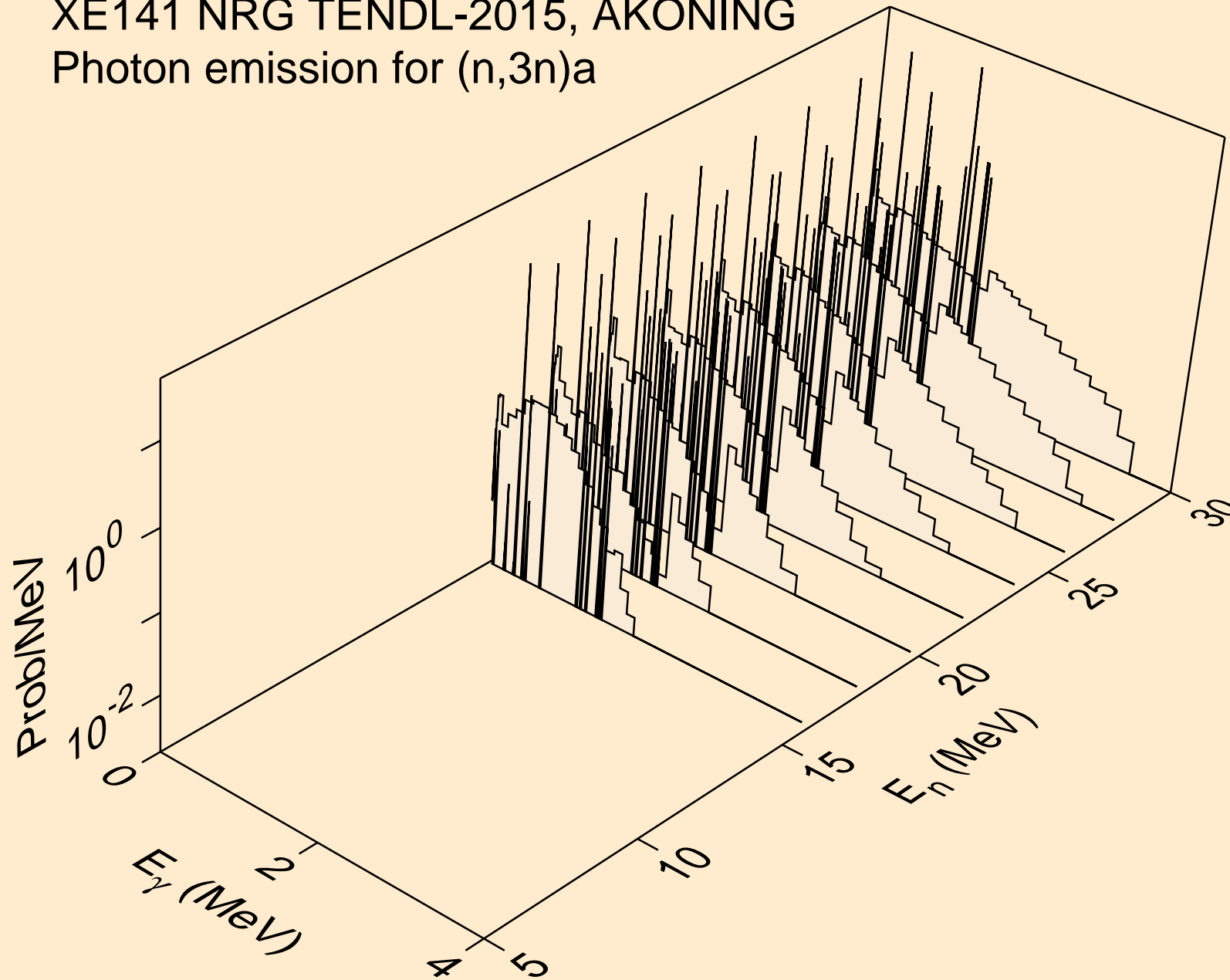
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>

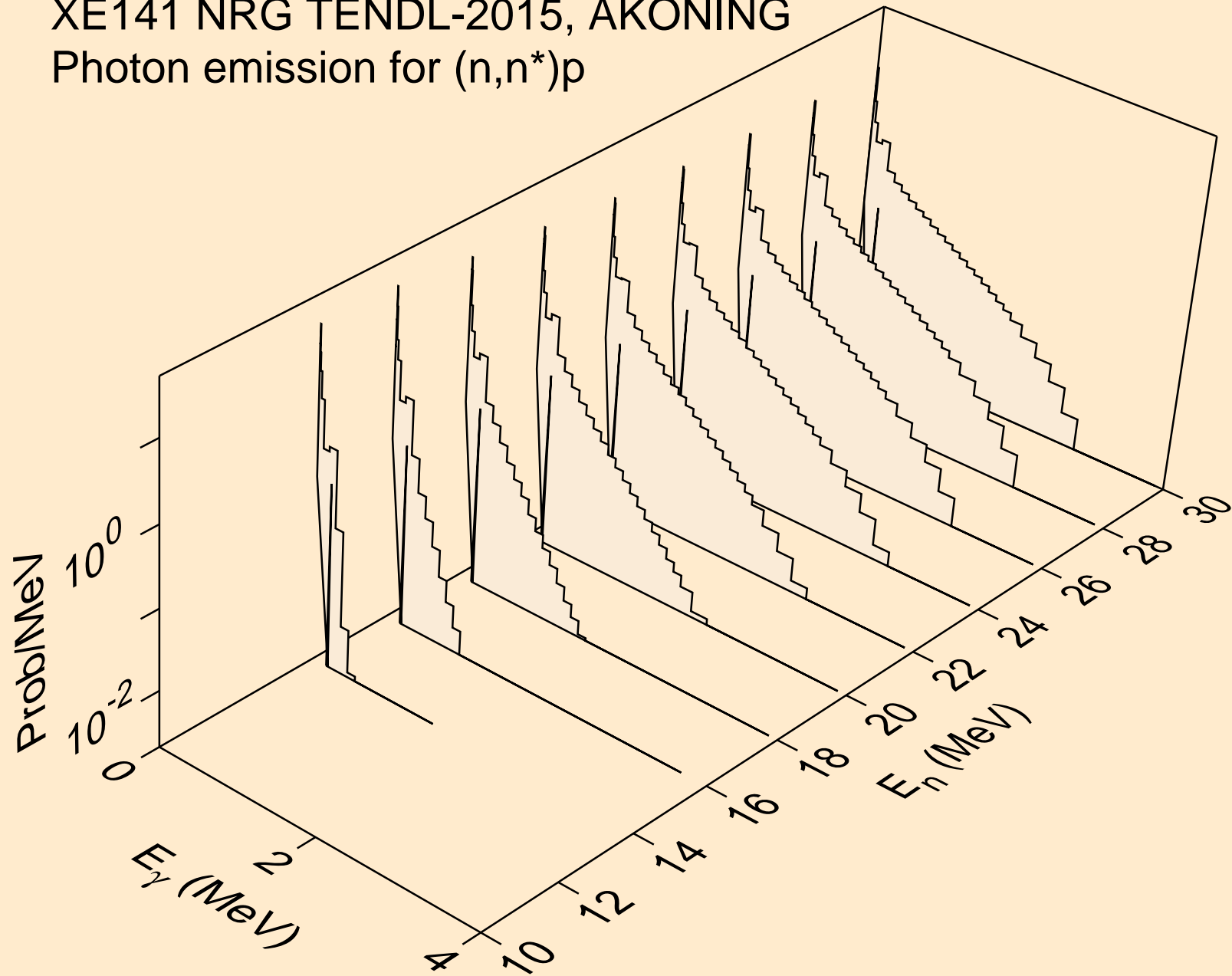


XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

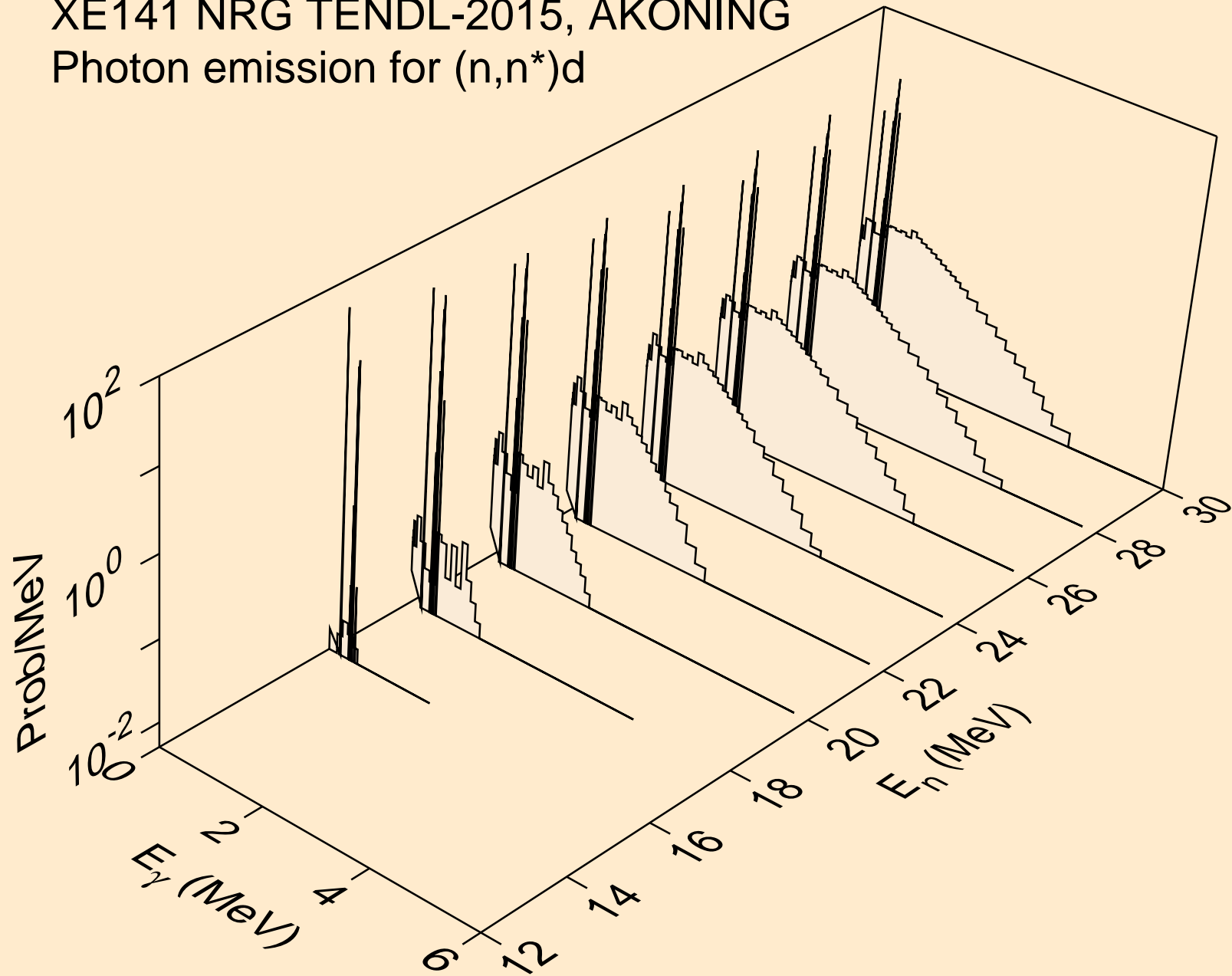




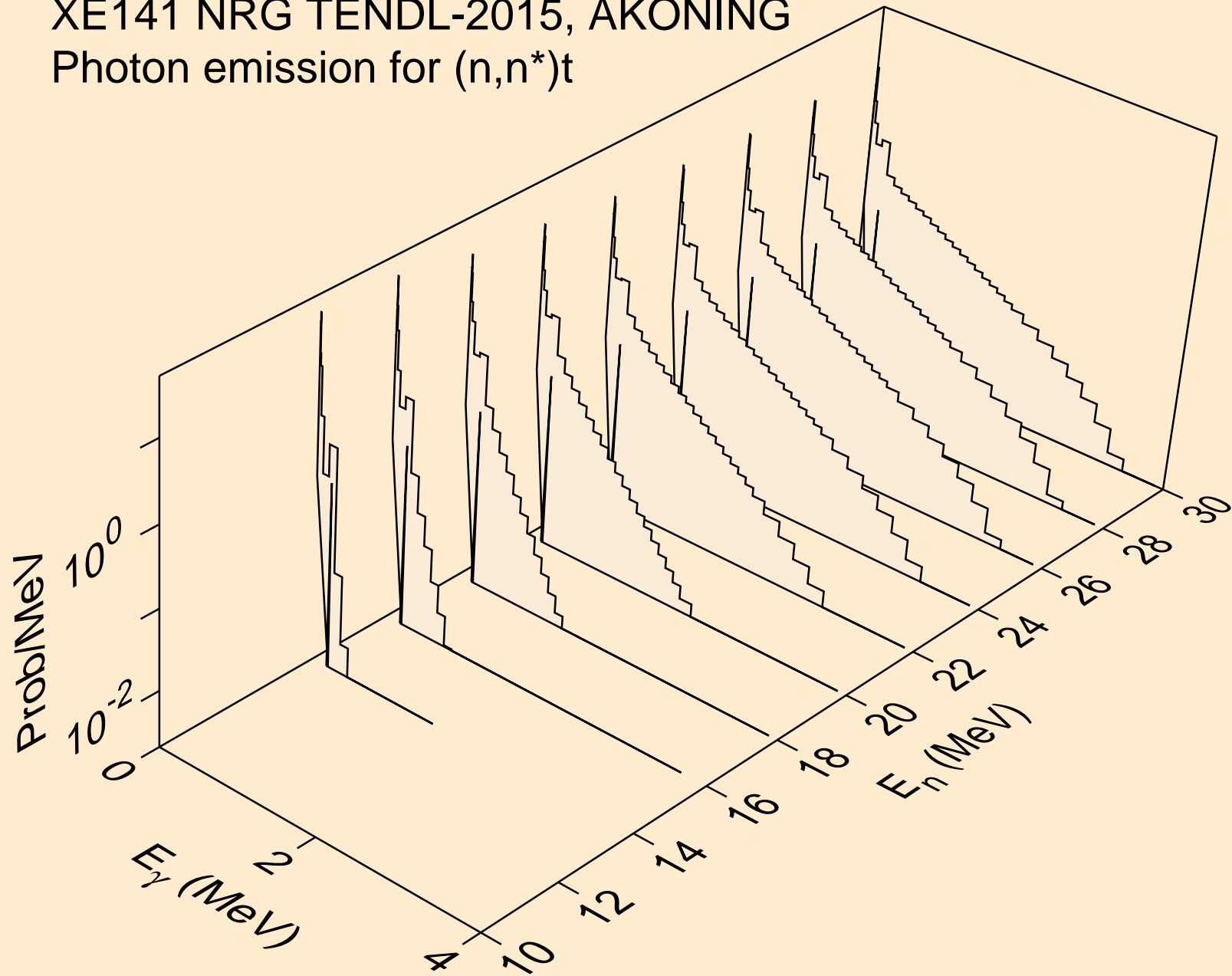
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



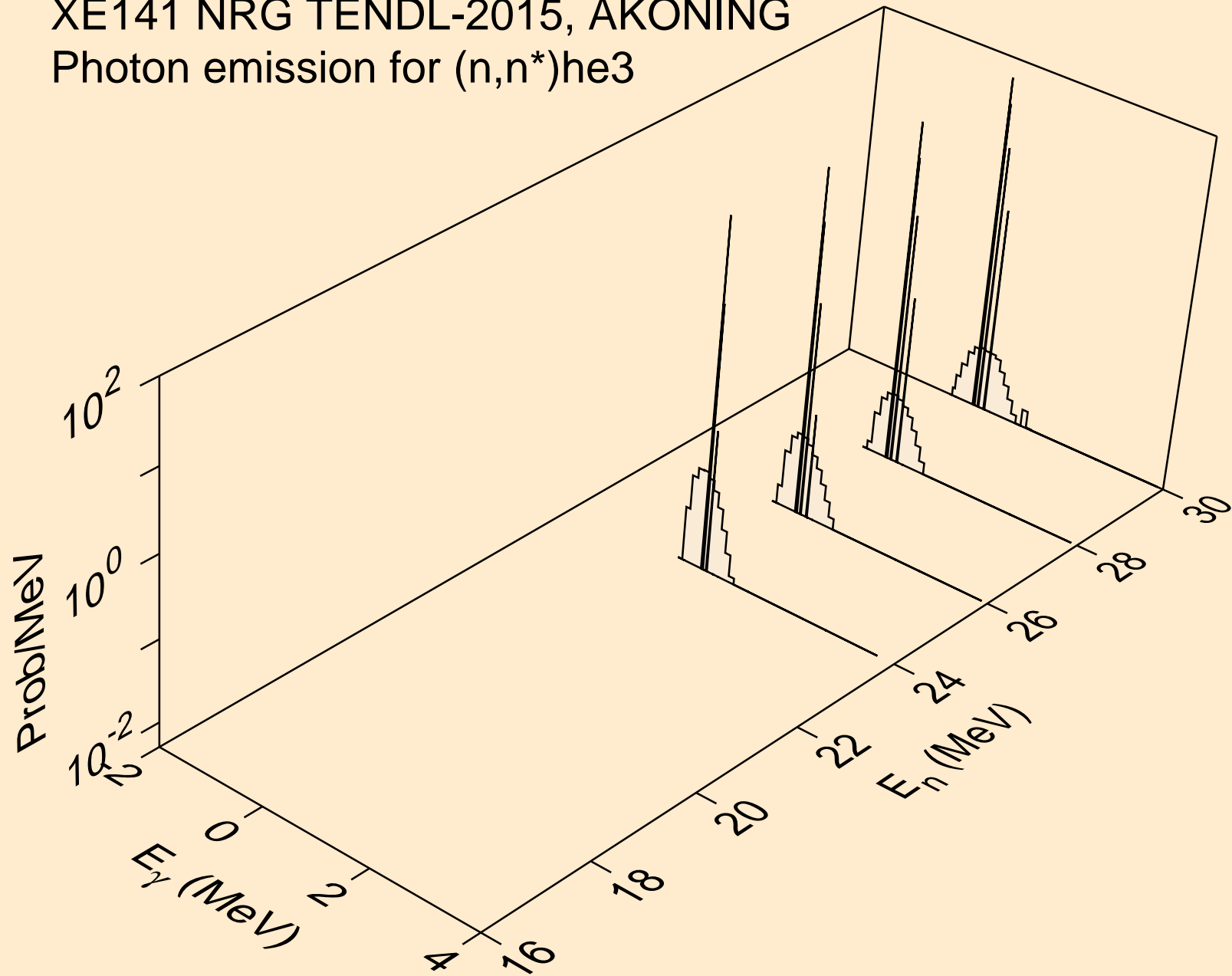
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



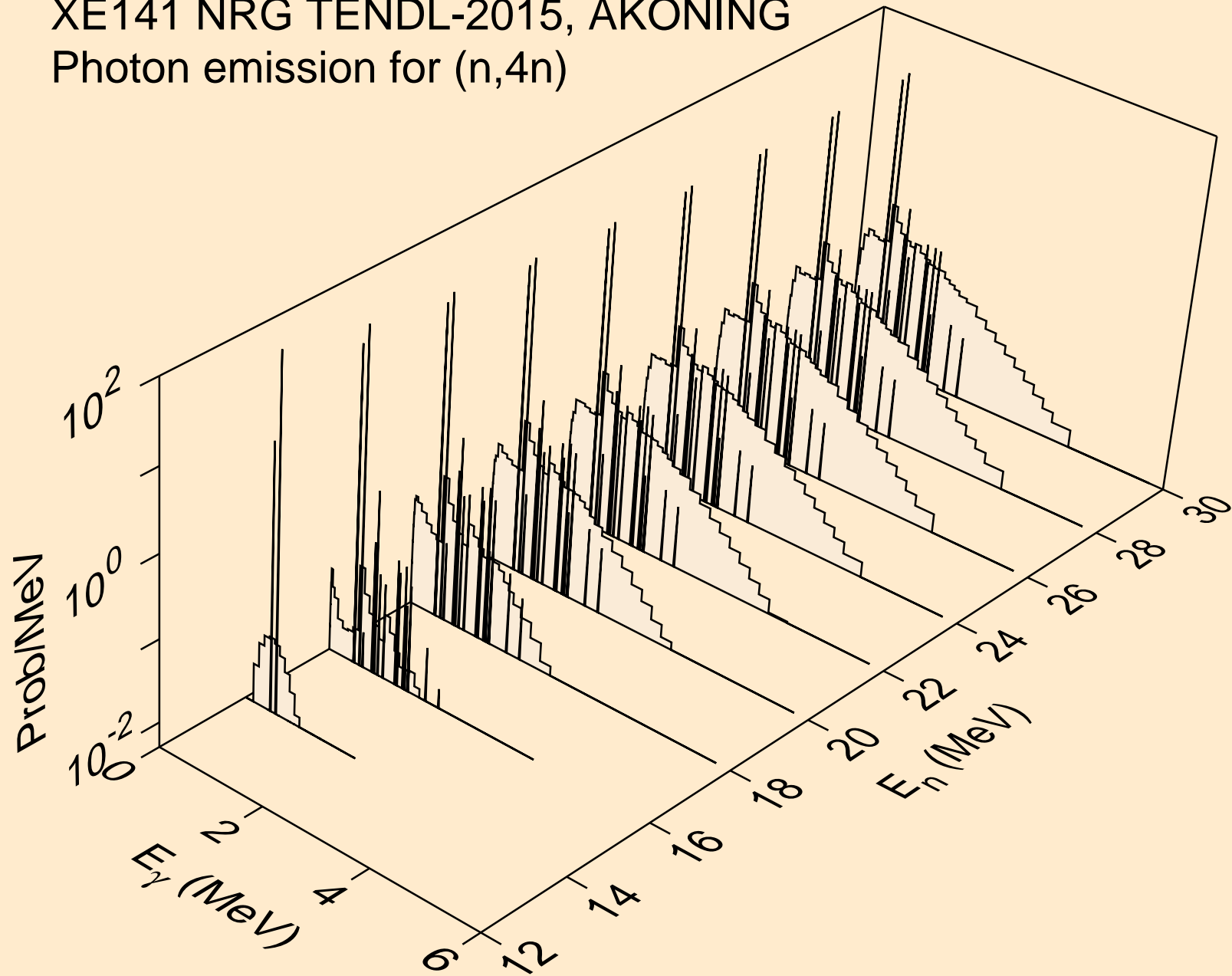
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



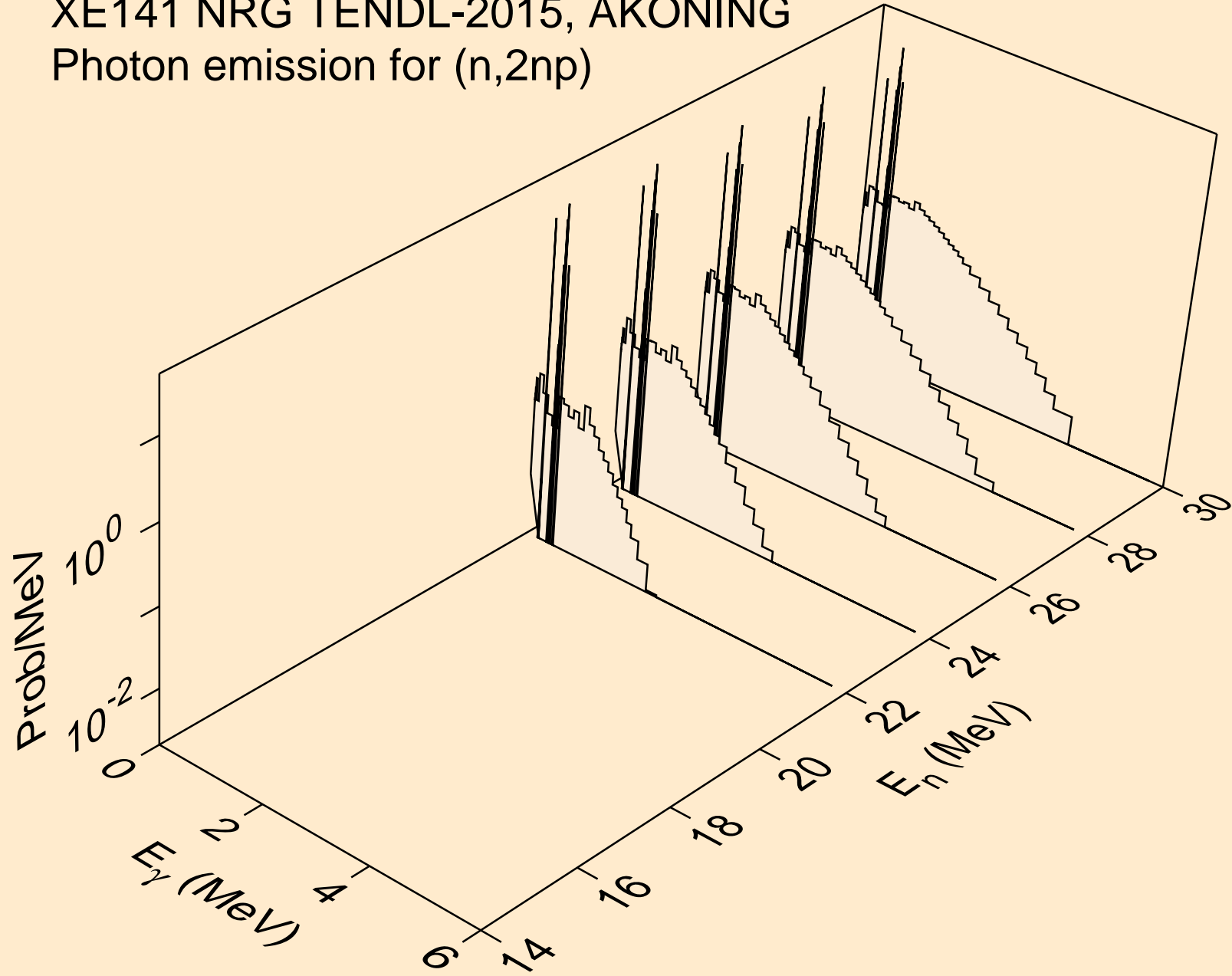
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



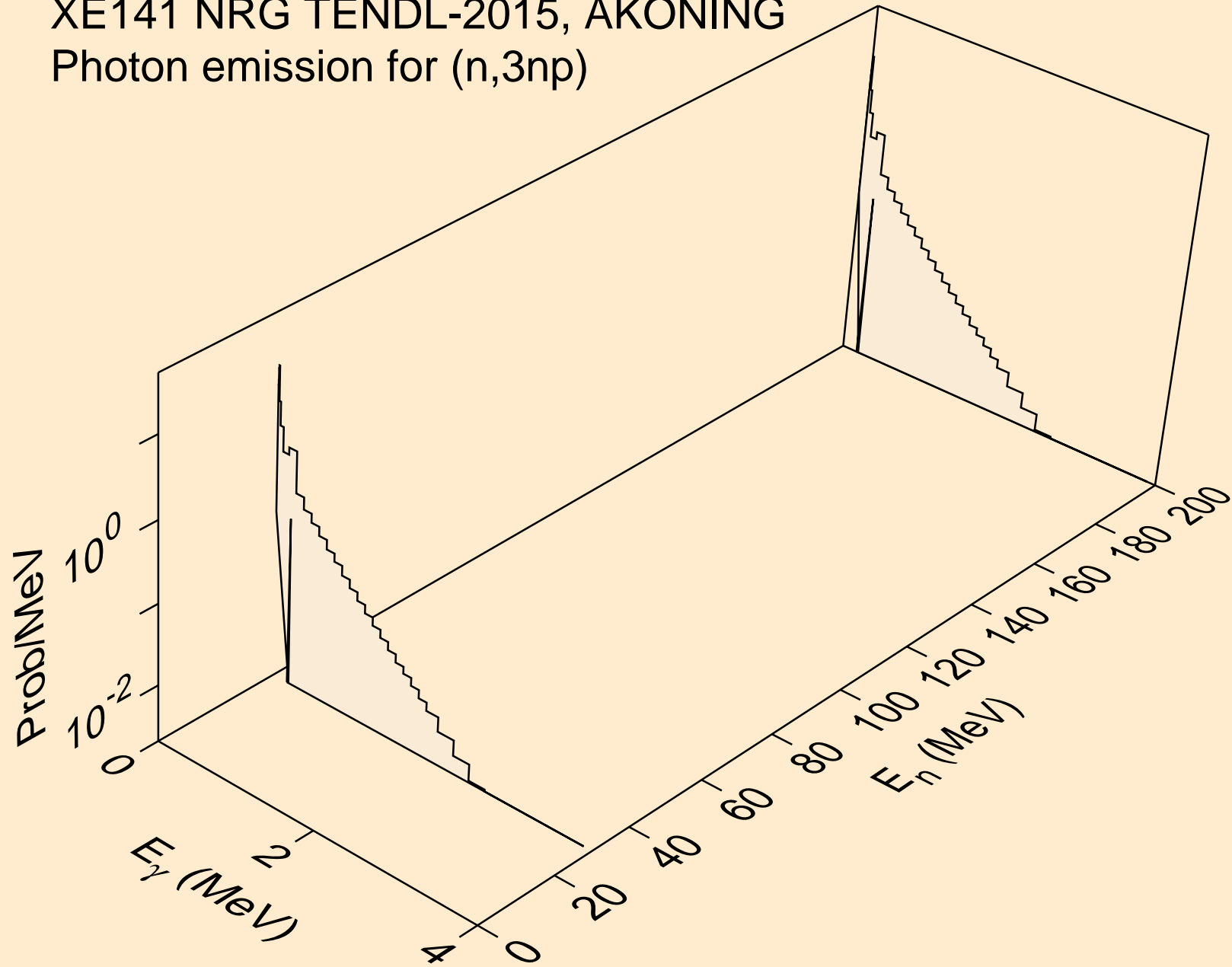
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



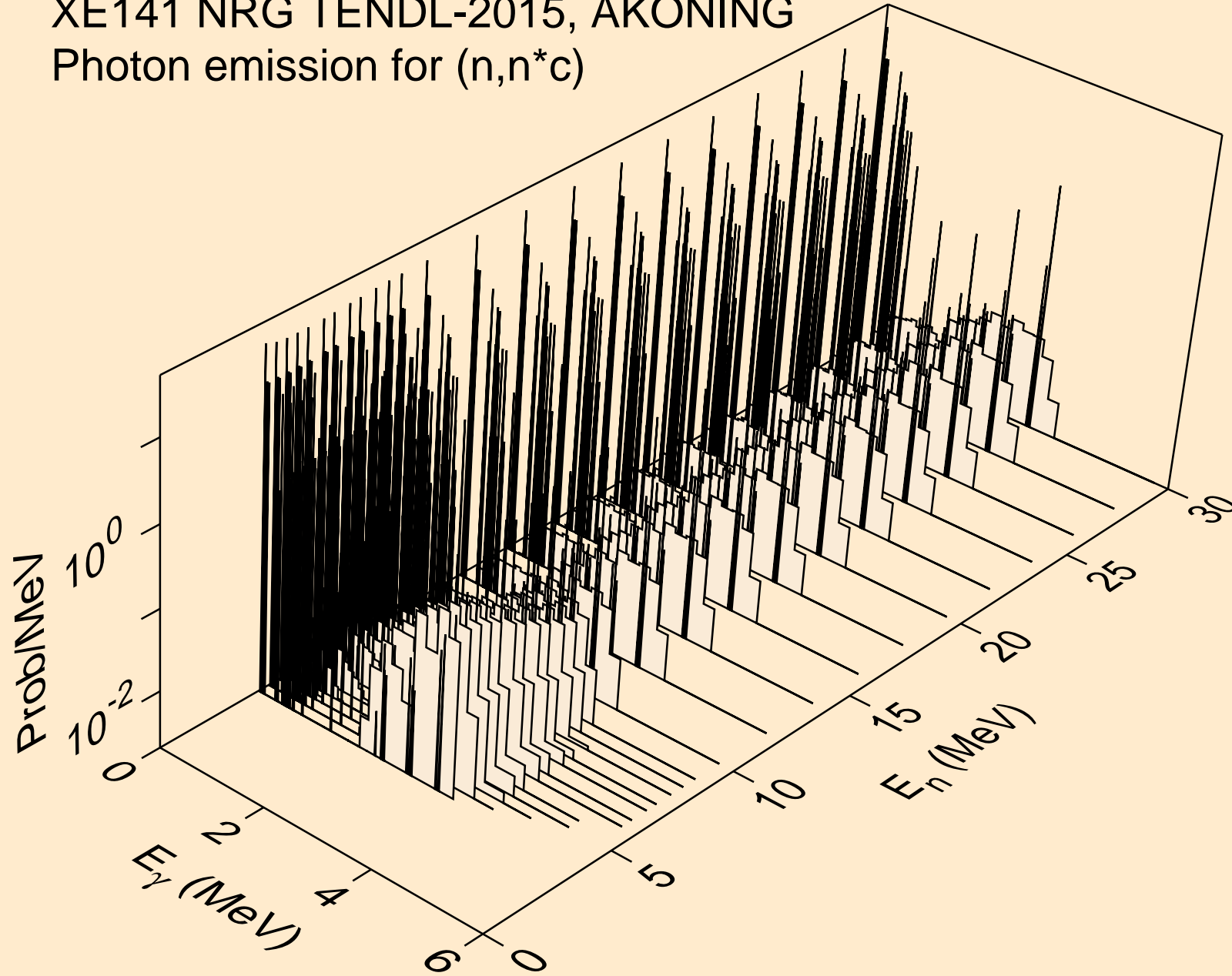
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

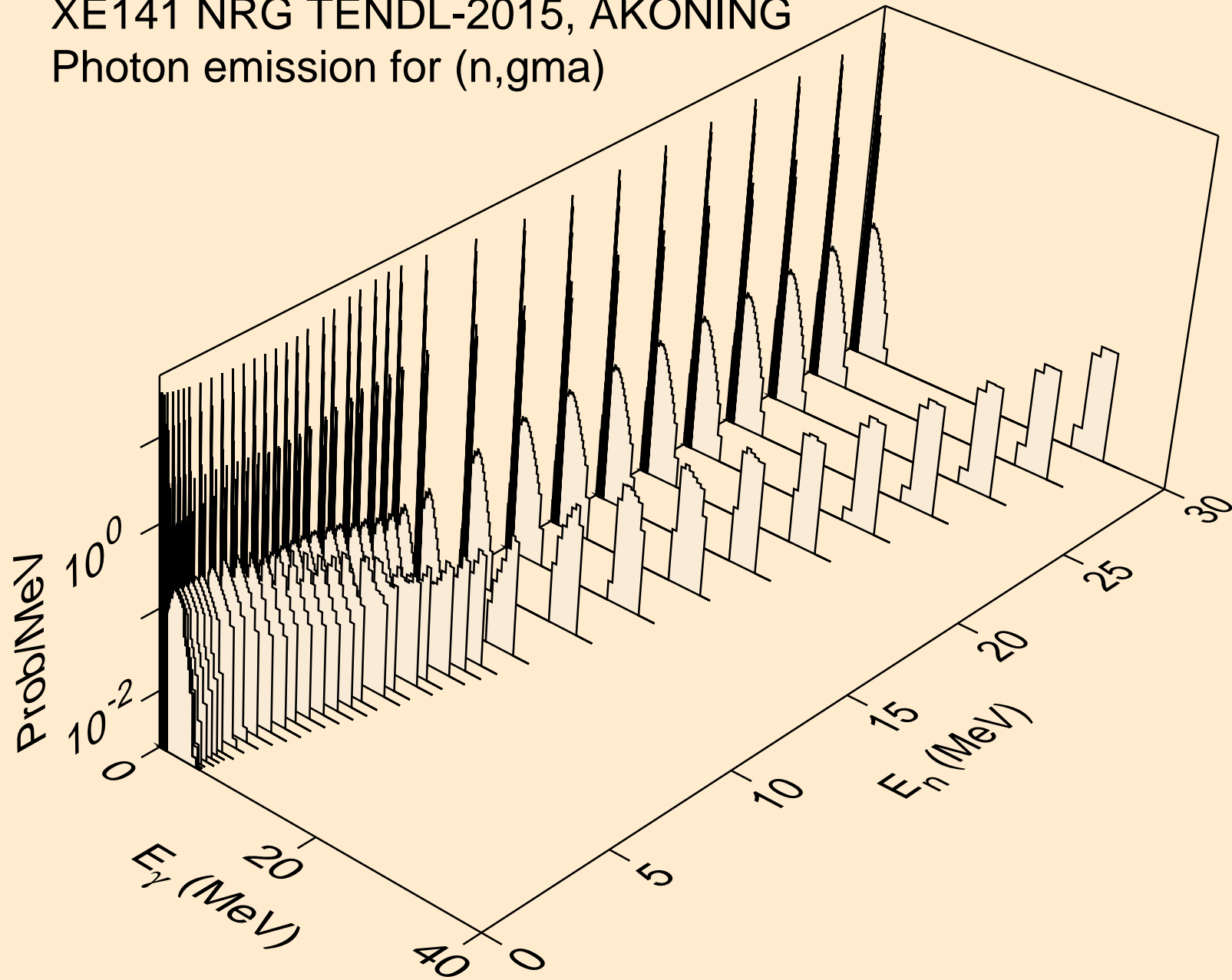


XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

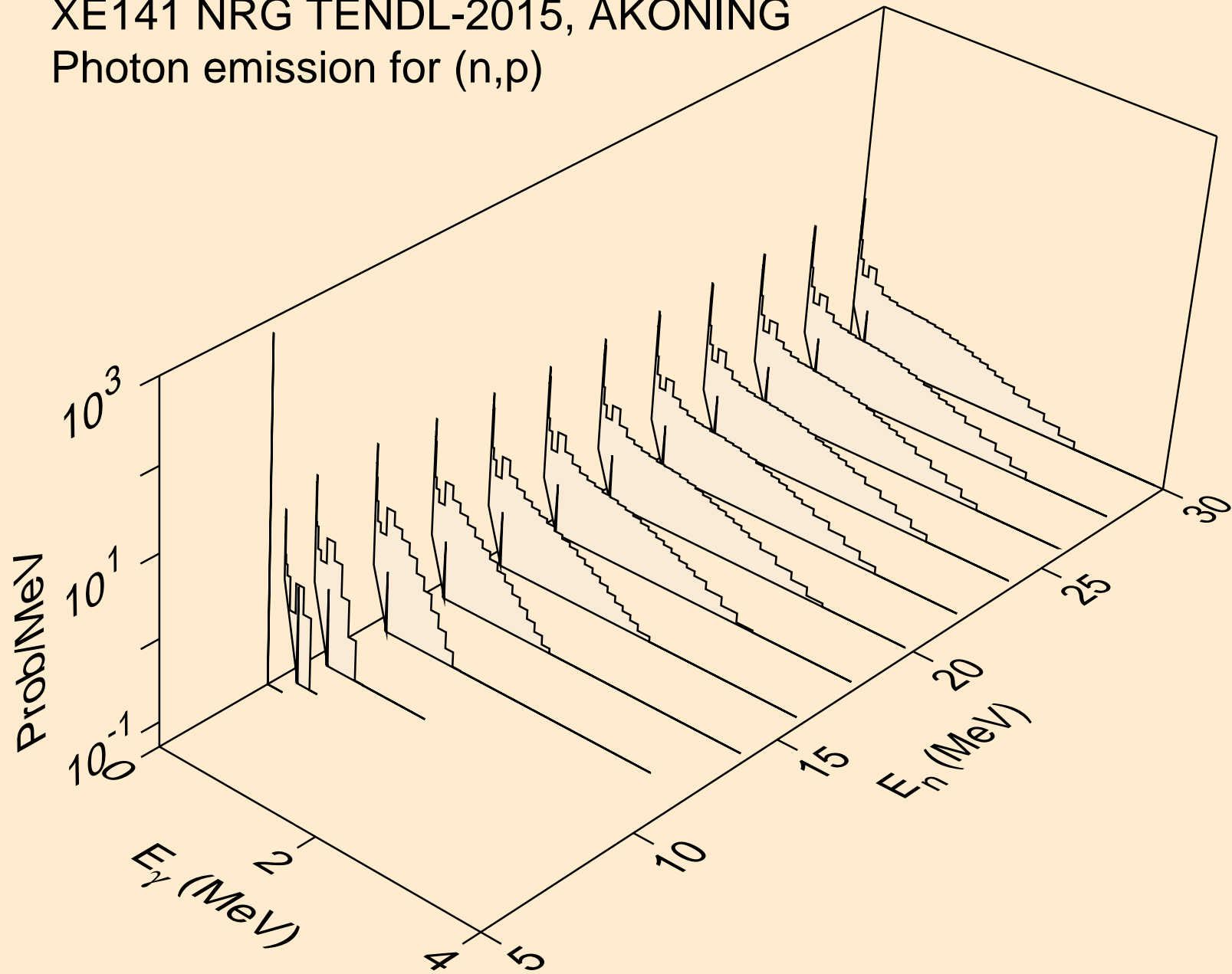




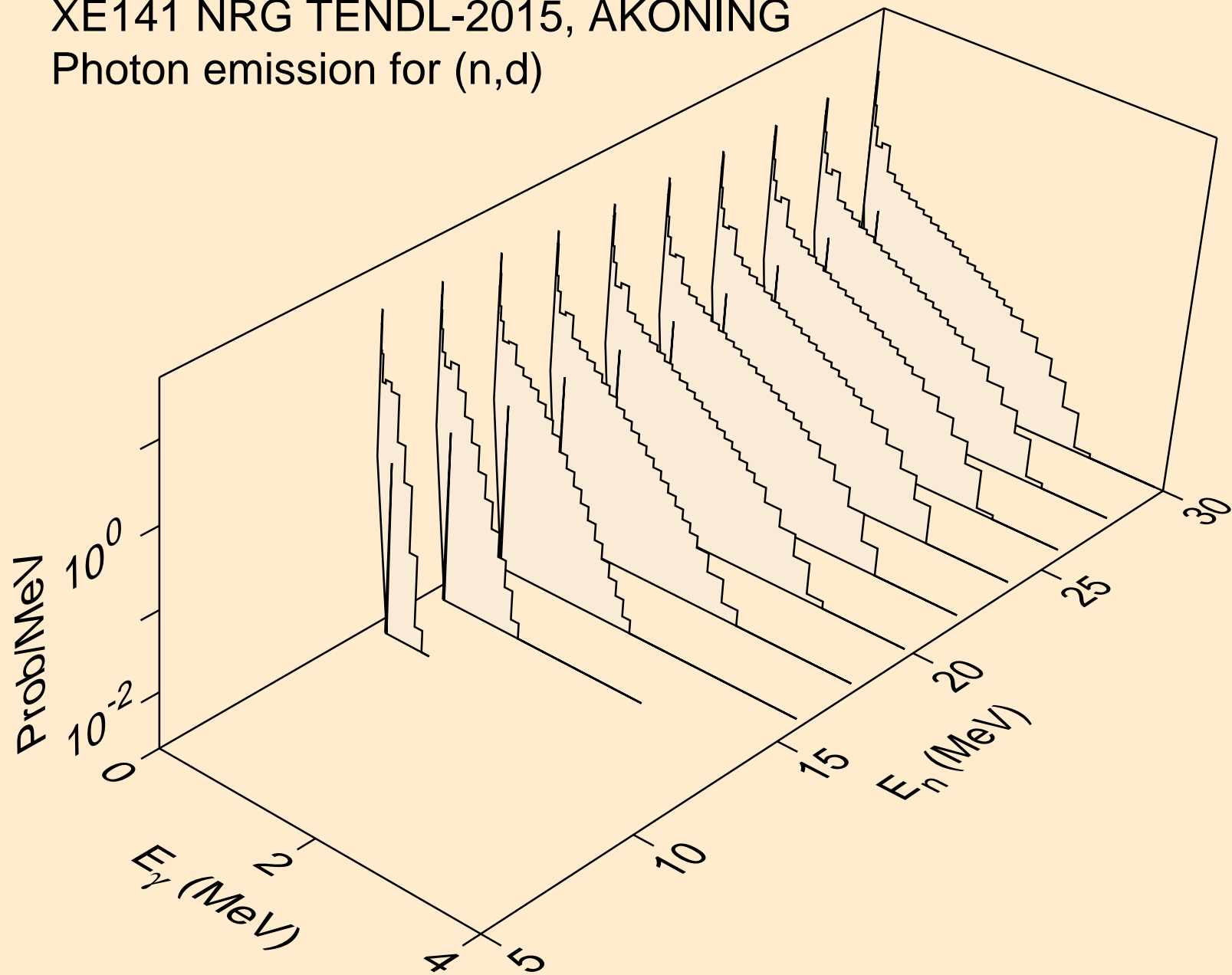
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



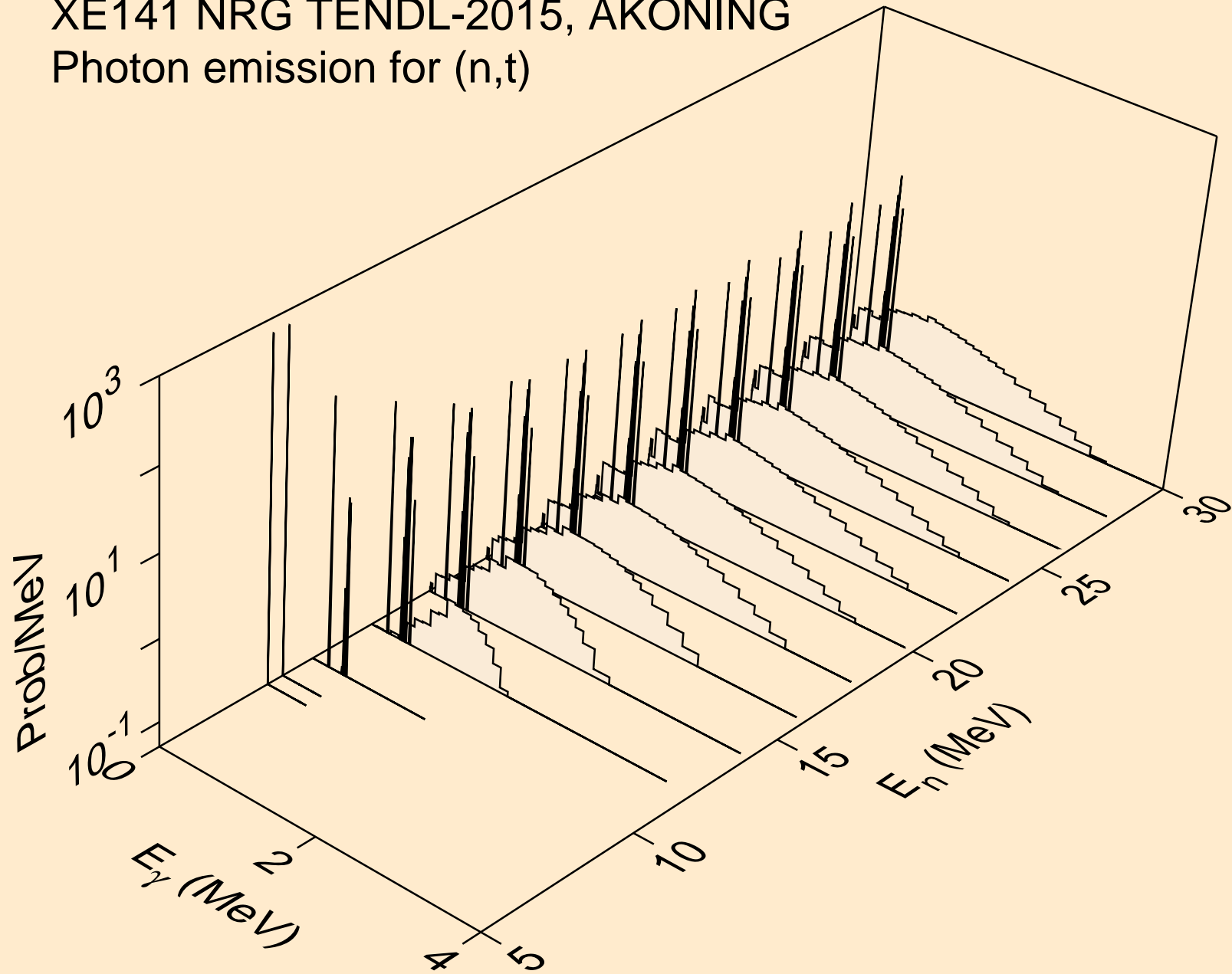
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



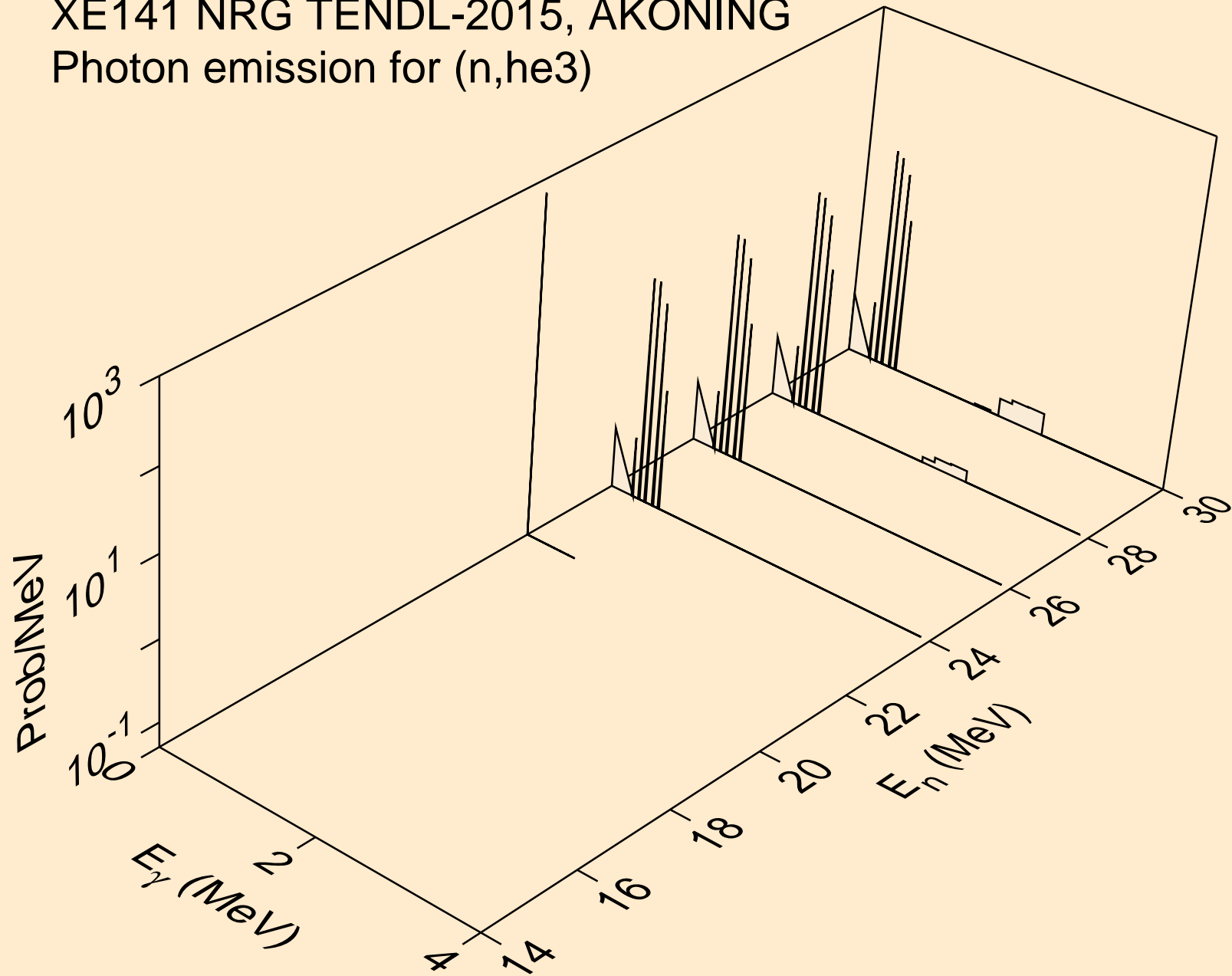
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



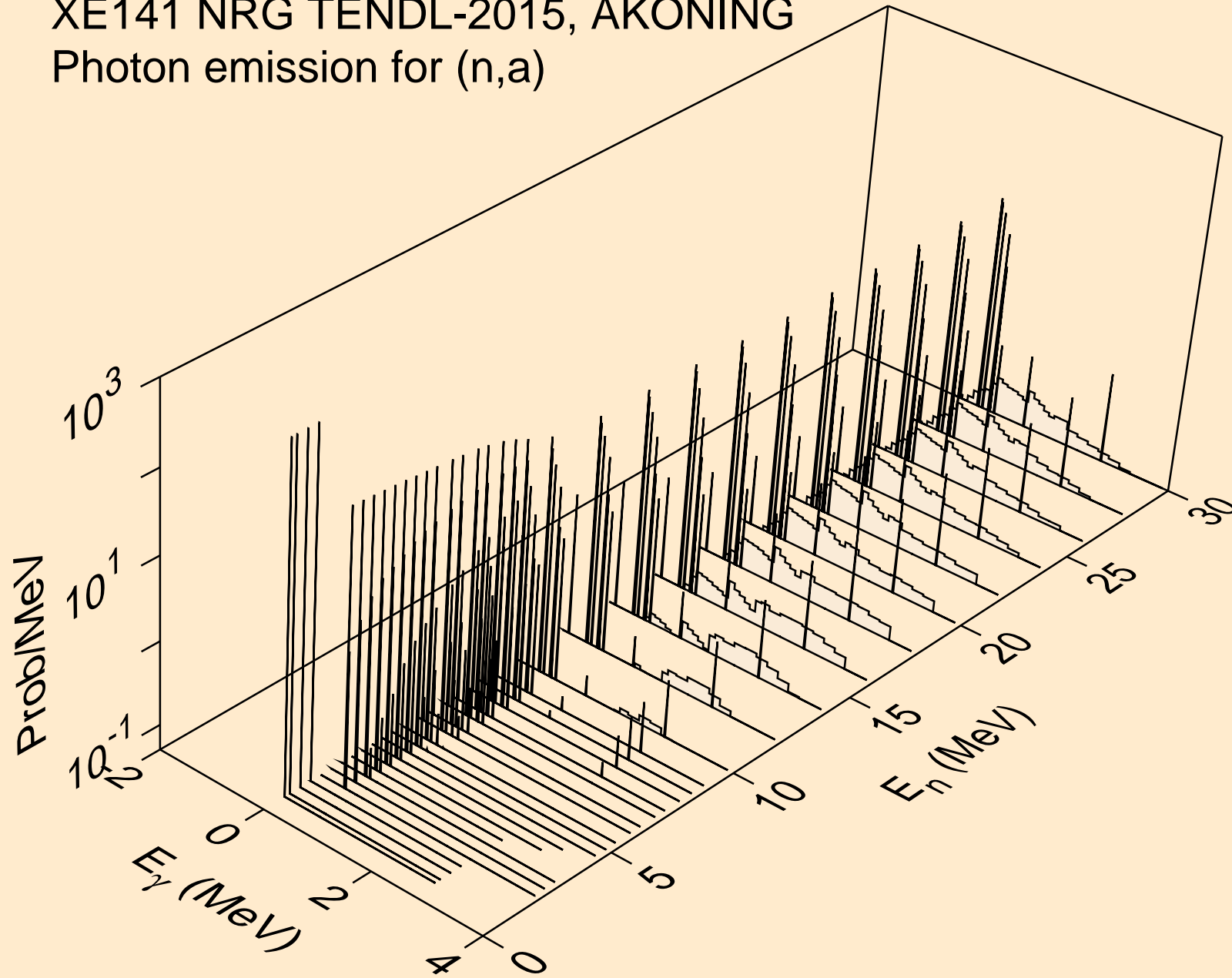
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



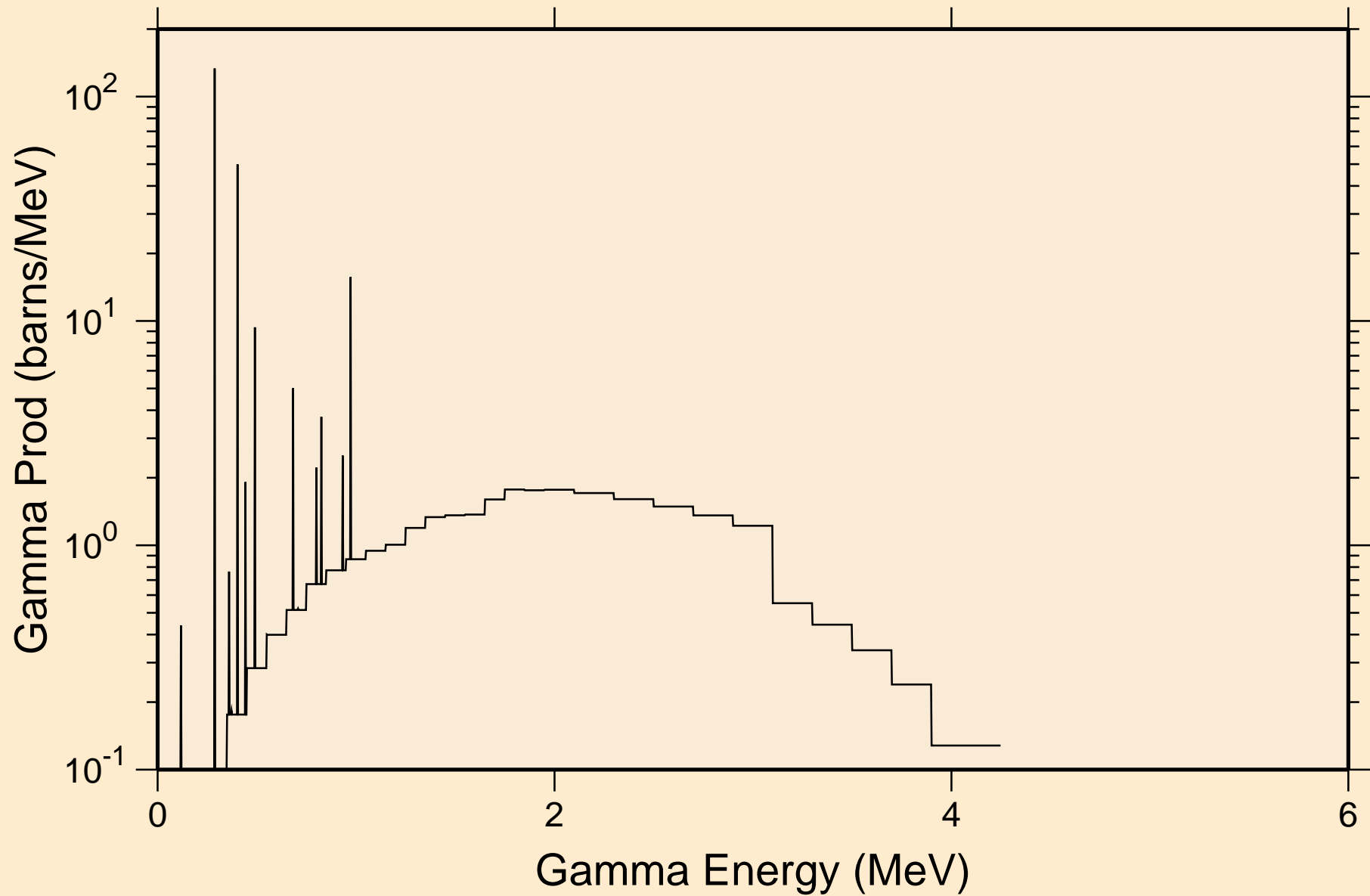
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



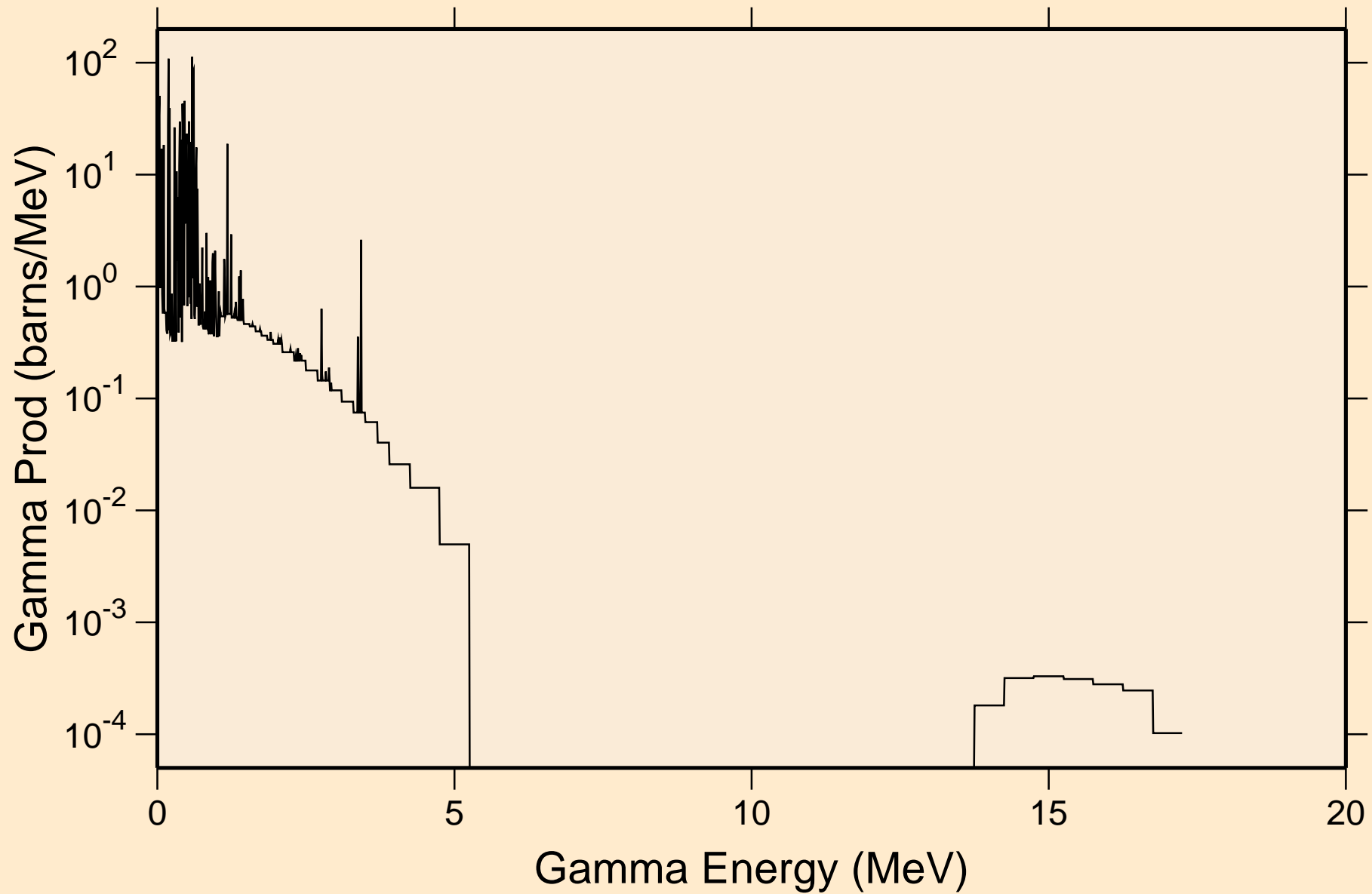
XE141 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



XE141 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



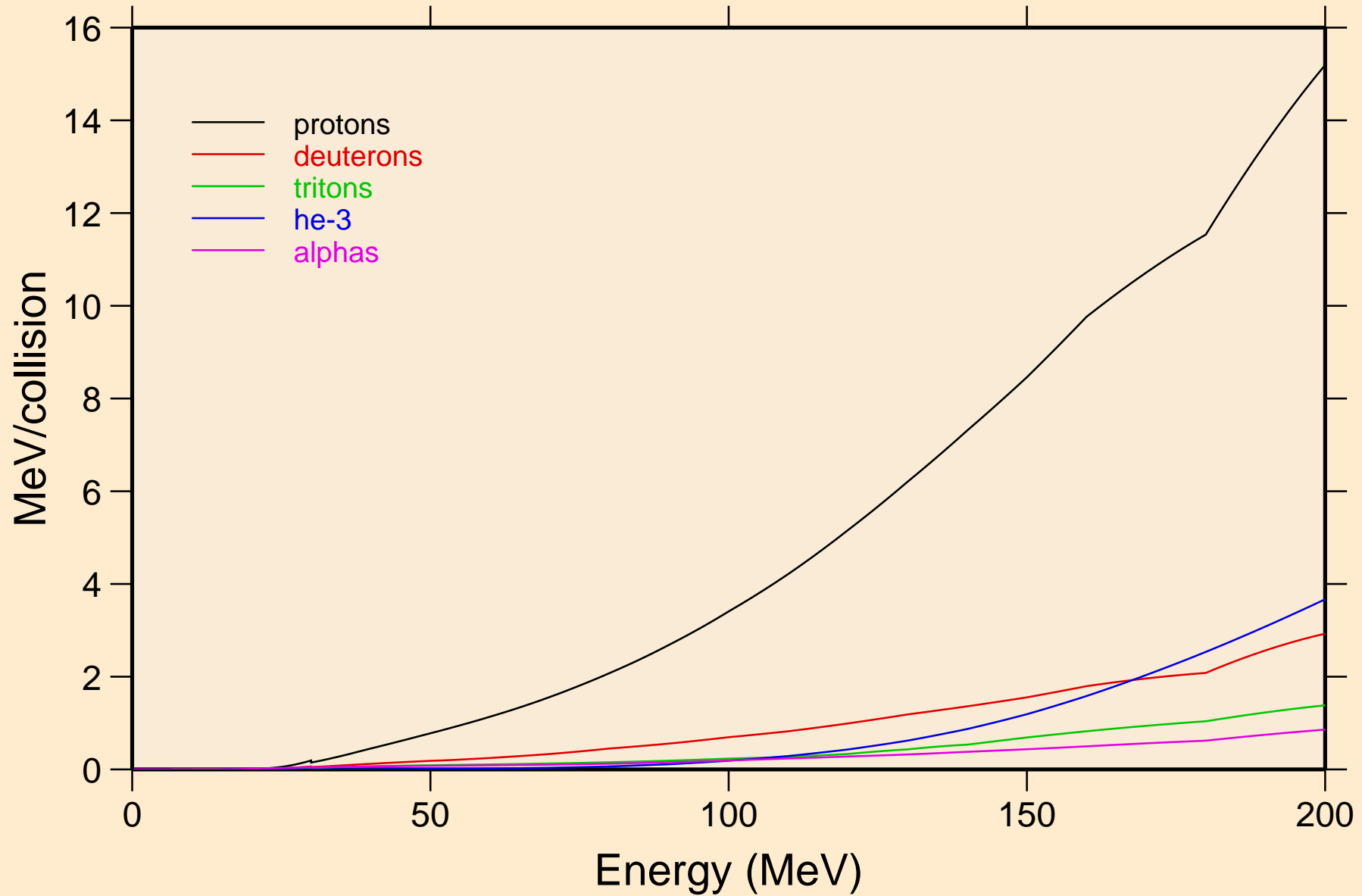
XE141 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





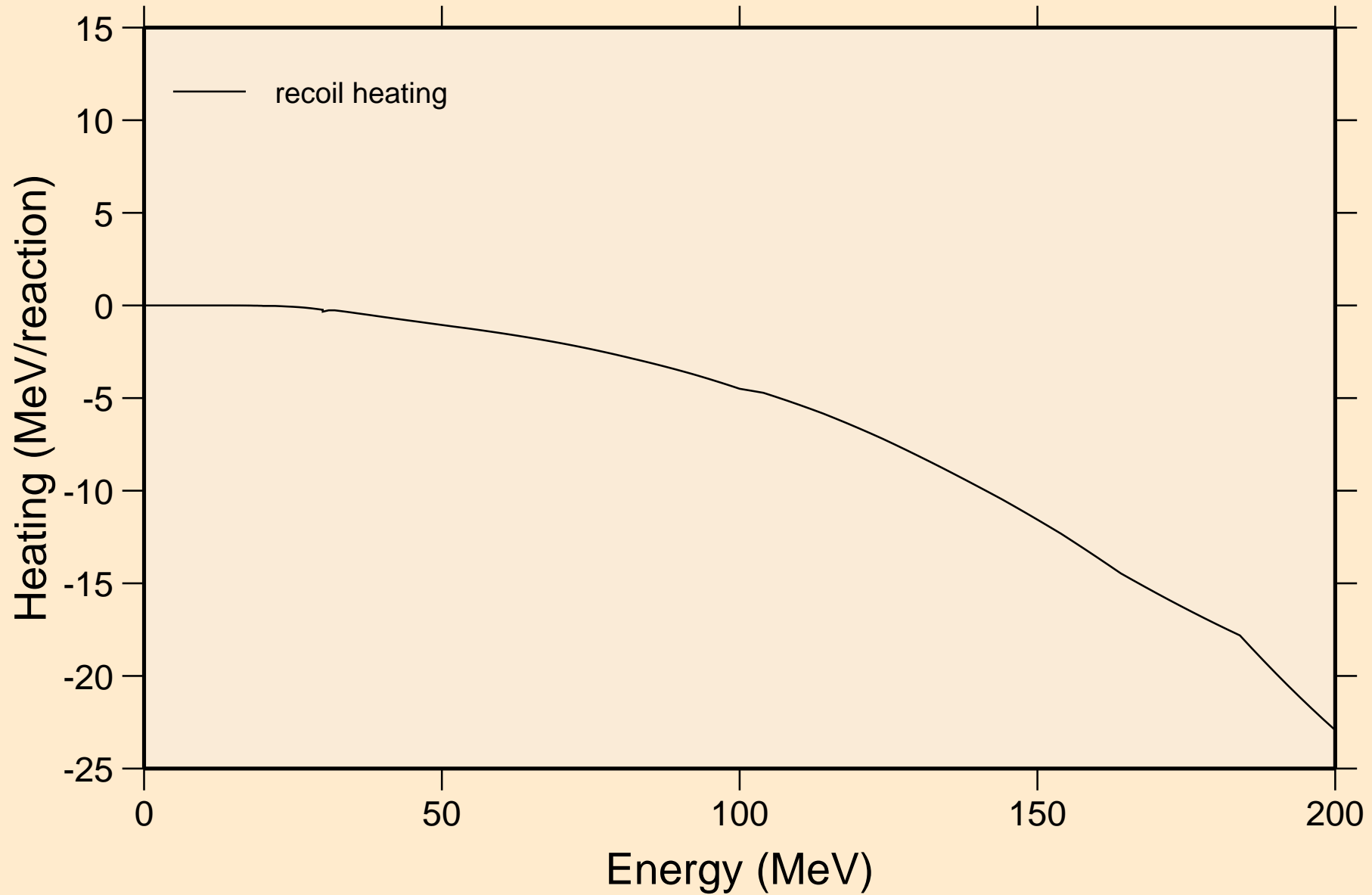
# XE141 NRG TENDL-2015, AKONING

## Particle heating contributions



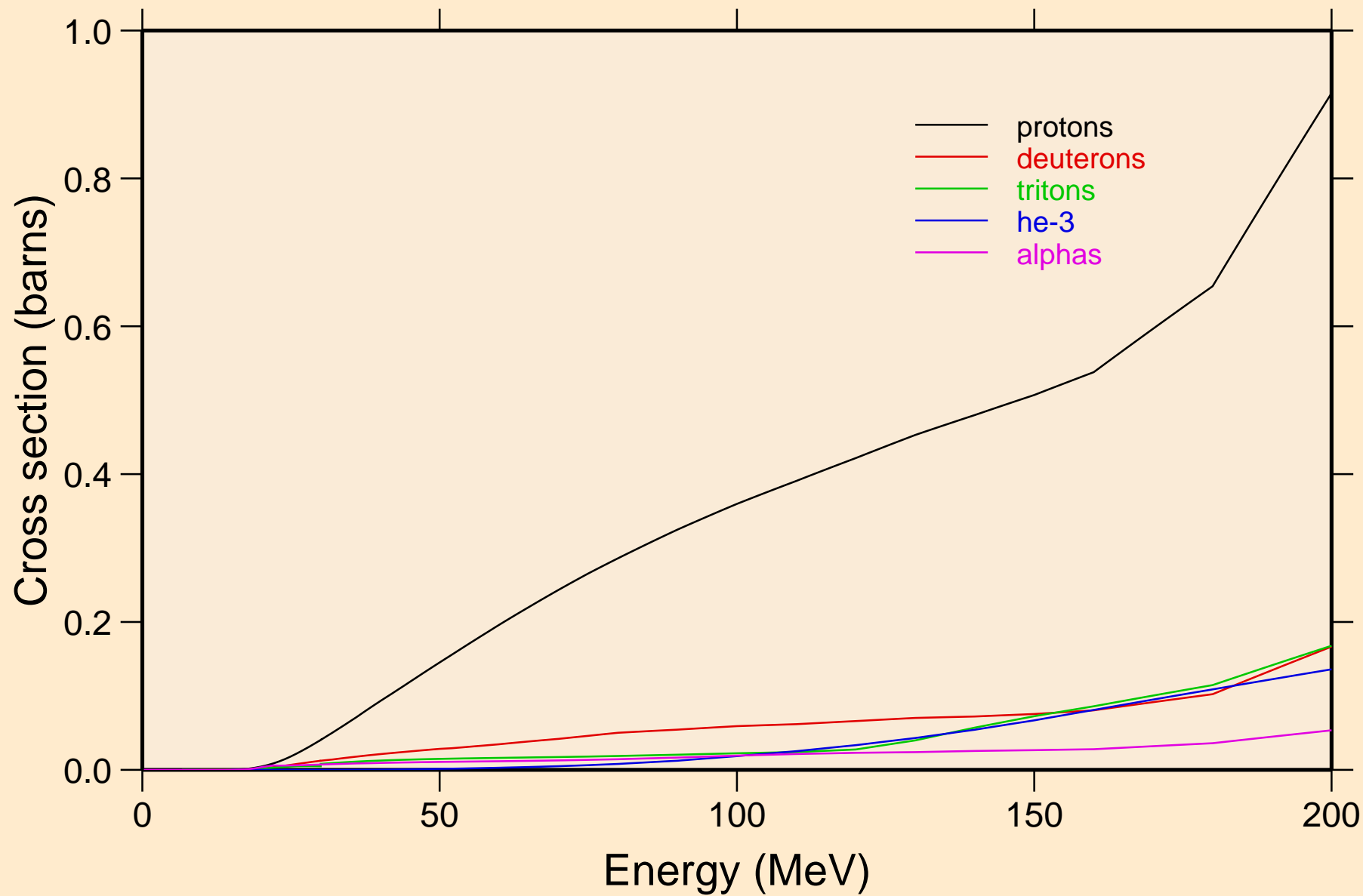
# XE141 NRG TENDL-2015, AKONING

## Recoil Heating

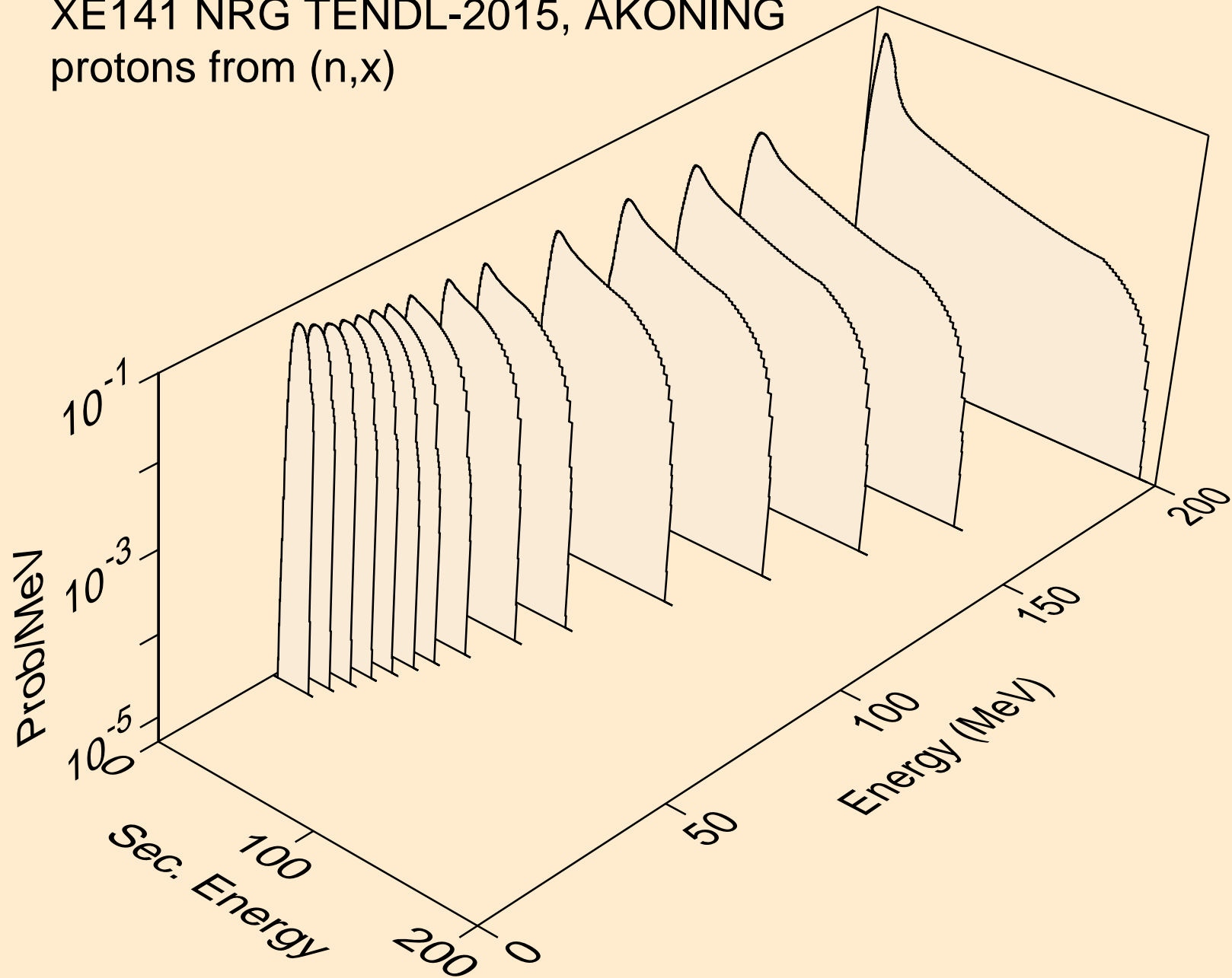


# XE141 NRG TENDL-2015, AKONING

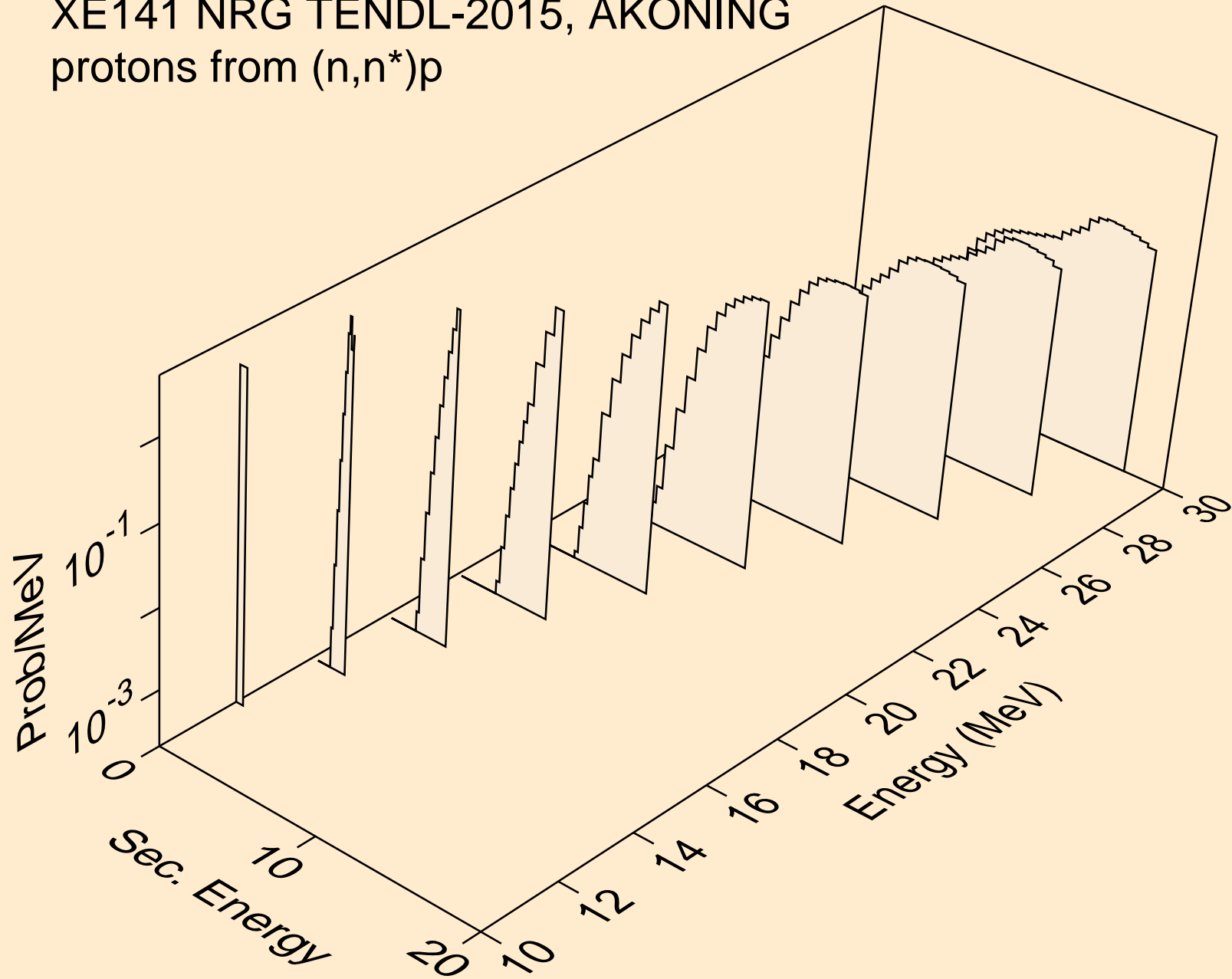
## Particle production cross sections



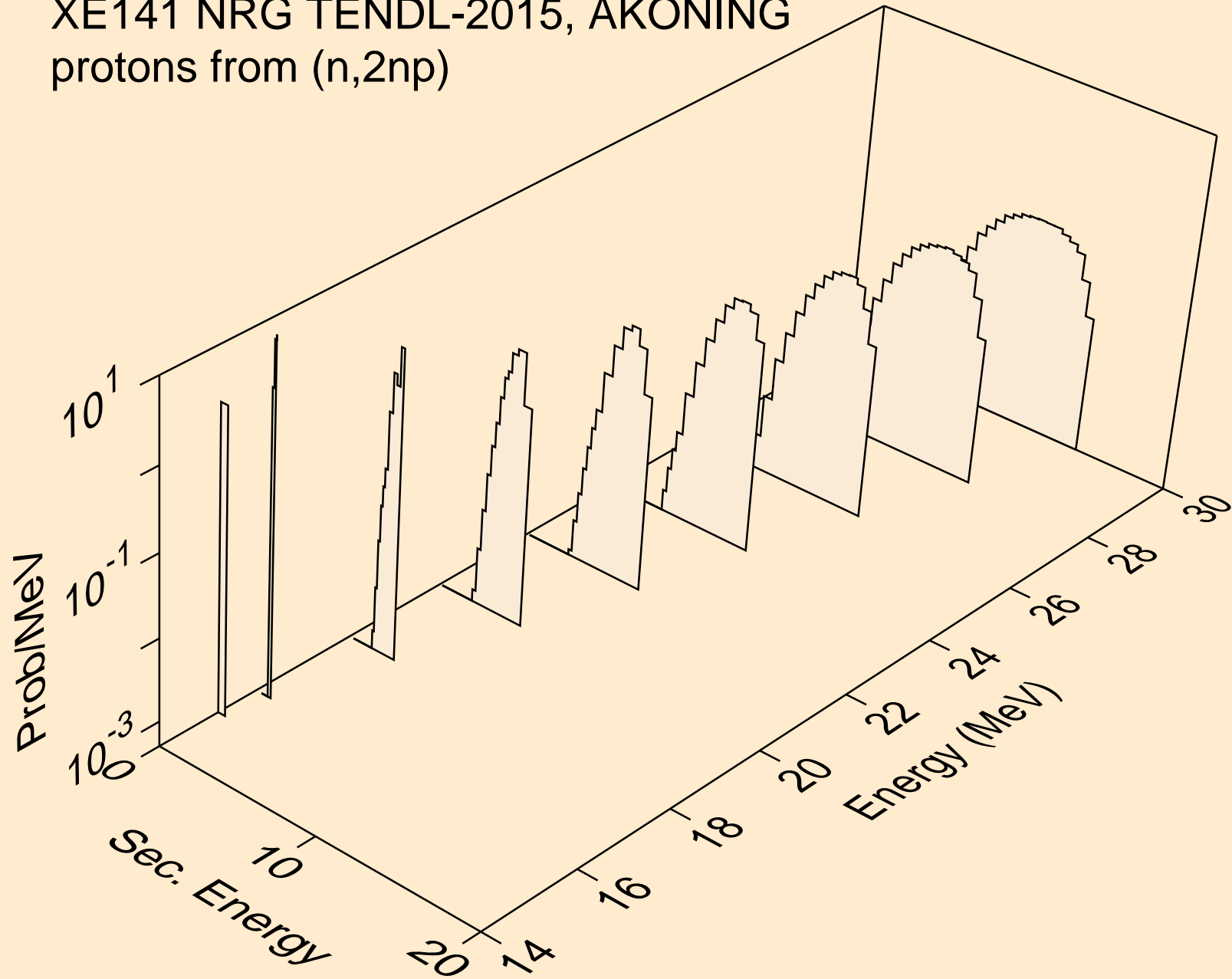
XE141 NRG TENDL-2015, AKONING  
protons from (n,x)



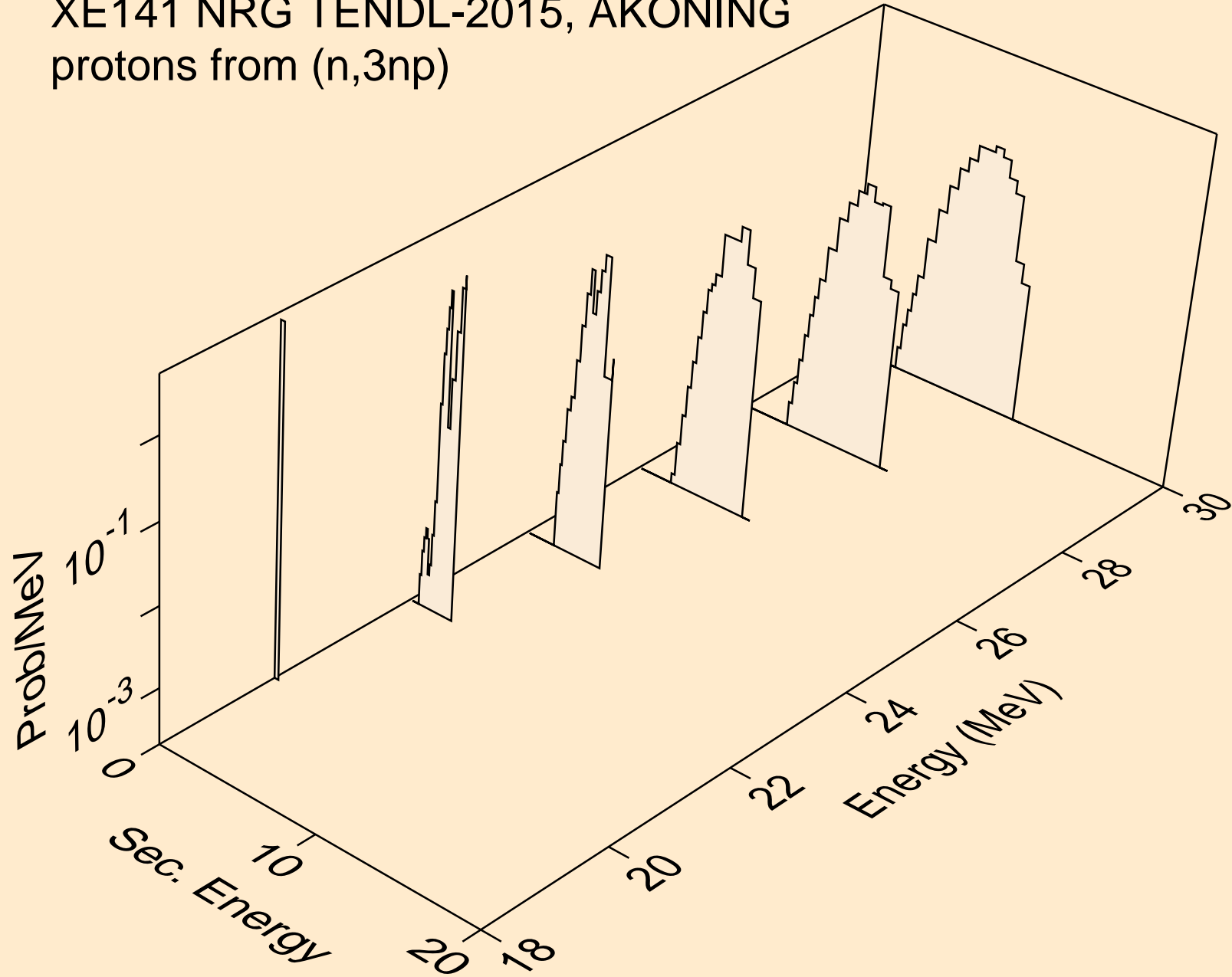
XE141 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



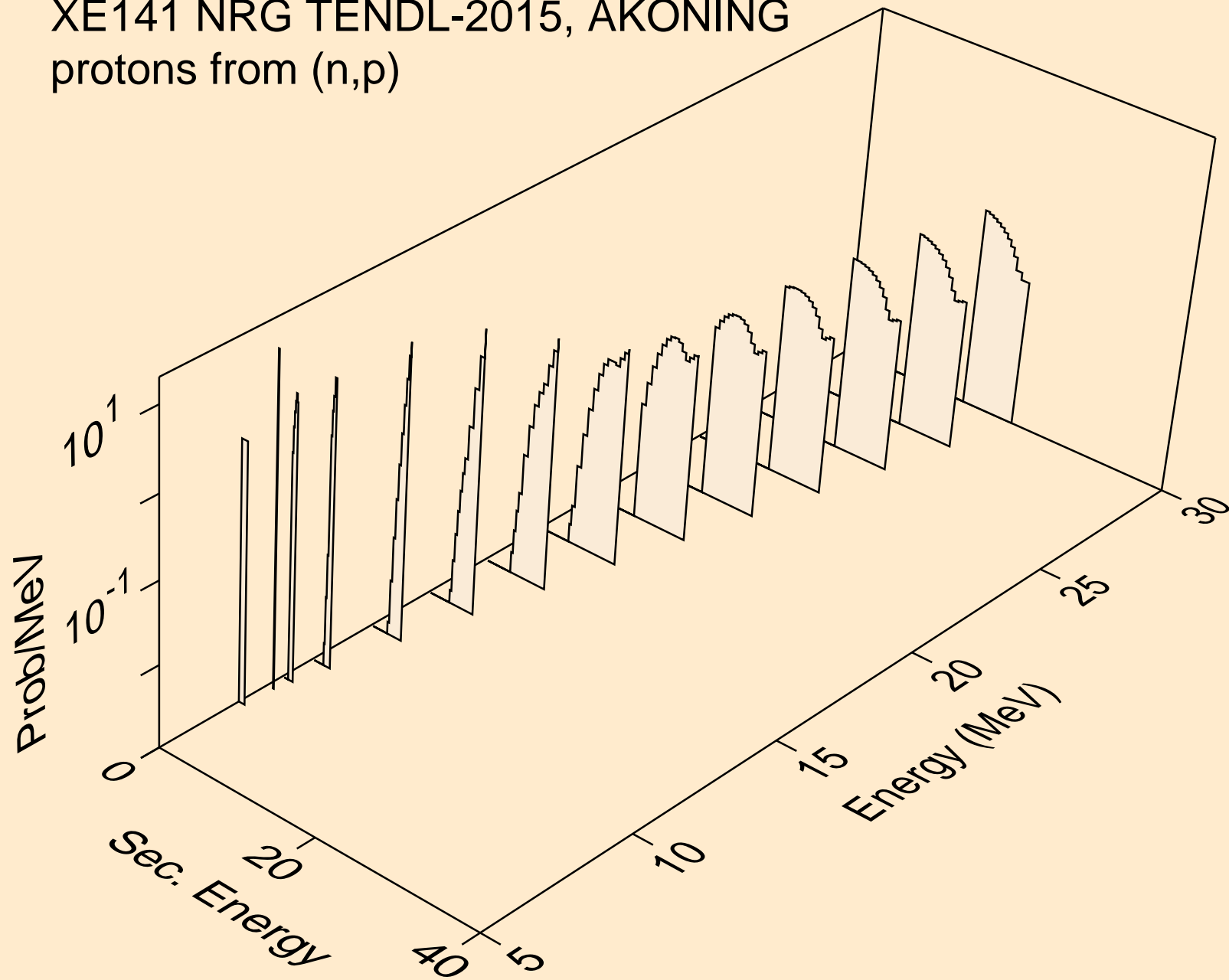
XE141 NRG TENDL-2015, AKONING  
protons from (n,2np)



XE141 NRG TENDL-2015, AKONING  
protons from (n,3np)

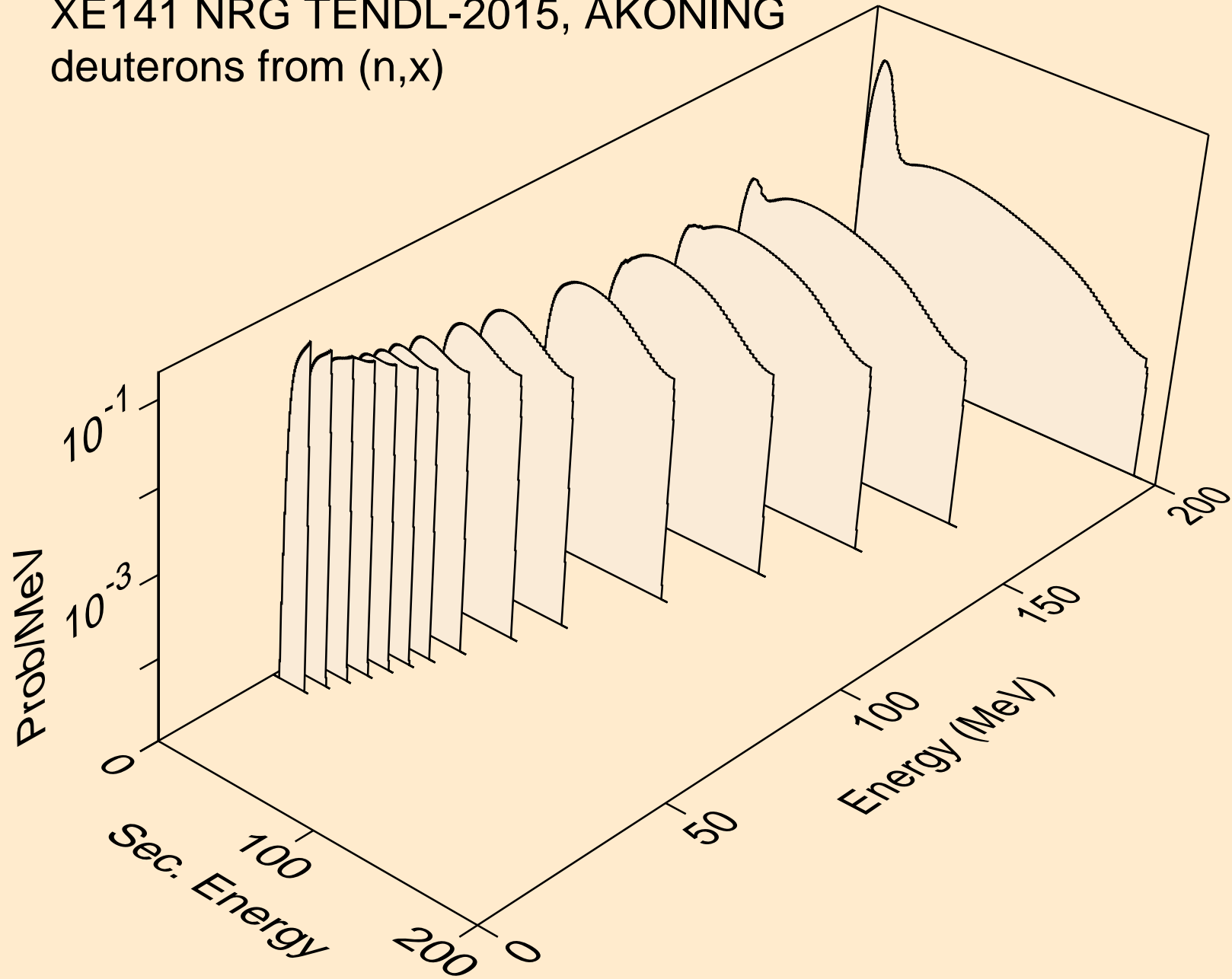


XE141 NRG TENDL-2015, AKONING  
protons from (n,p)

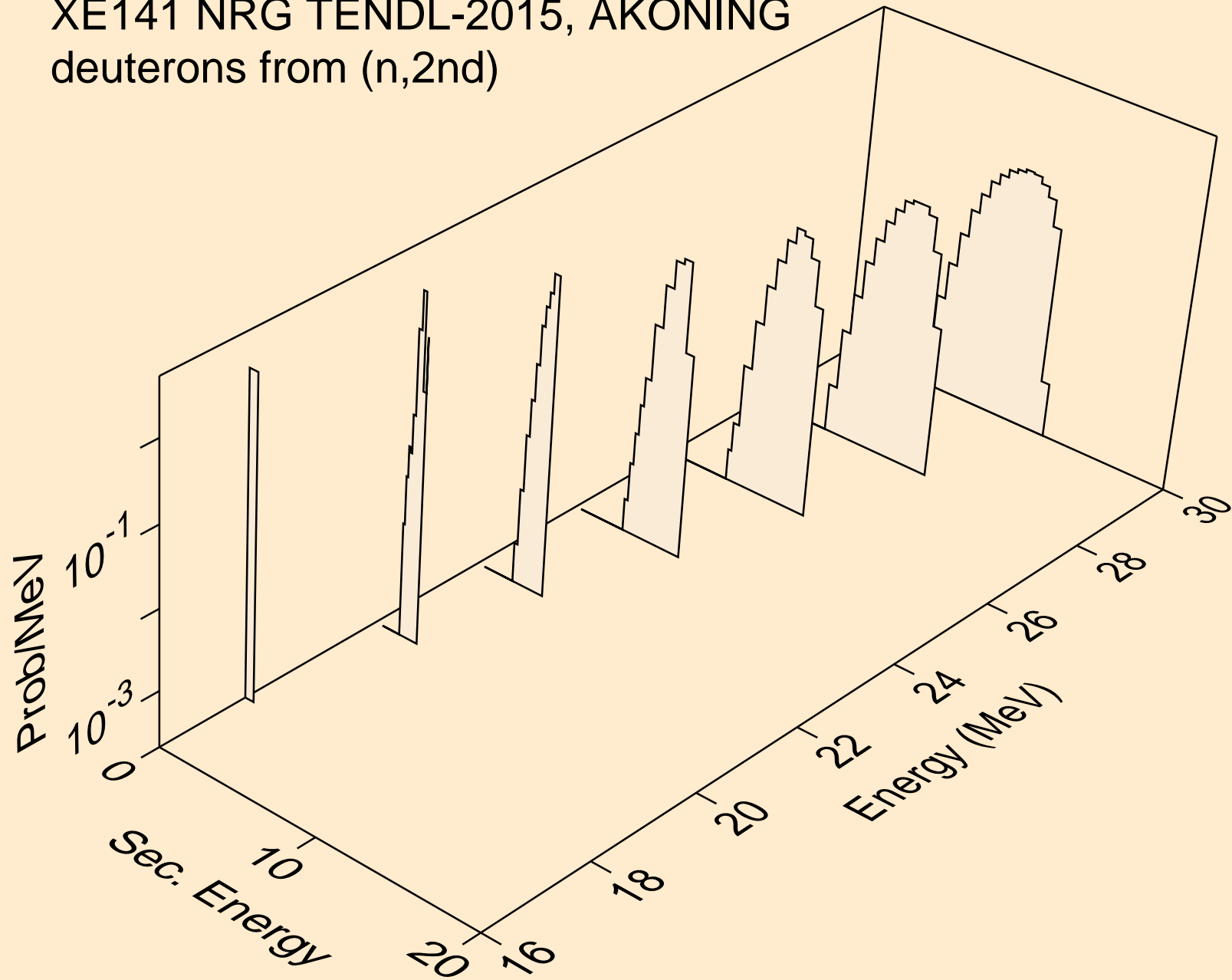




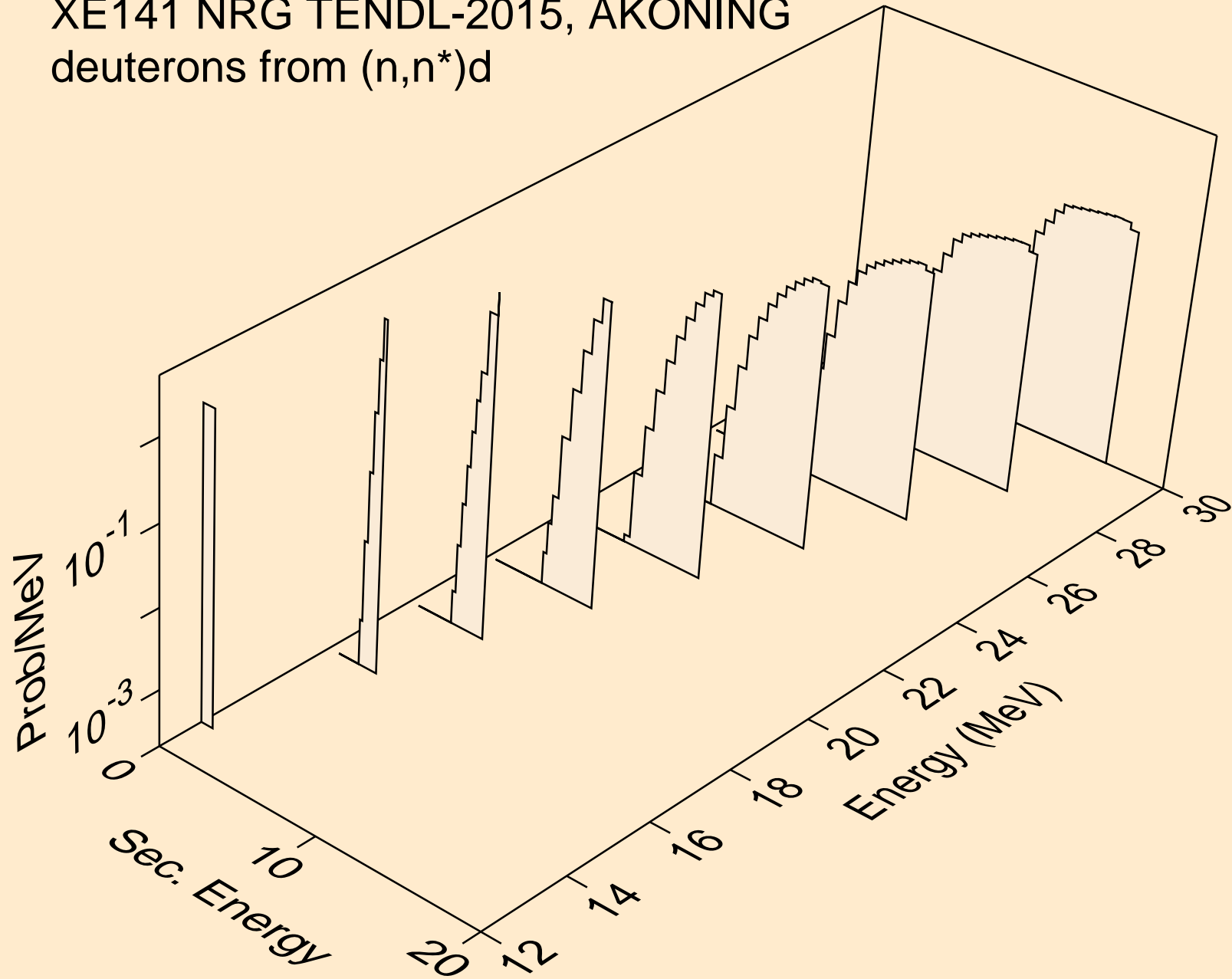
XE141 NRG TENDL-2015, AKONING  
deuterons from (n,x)



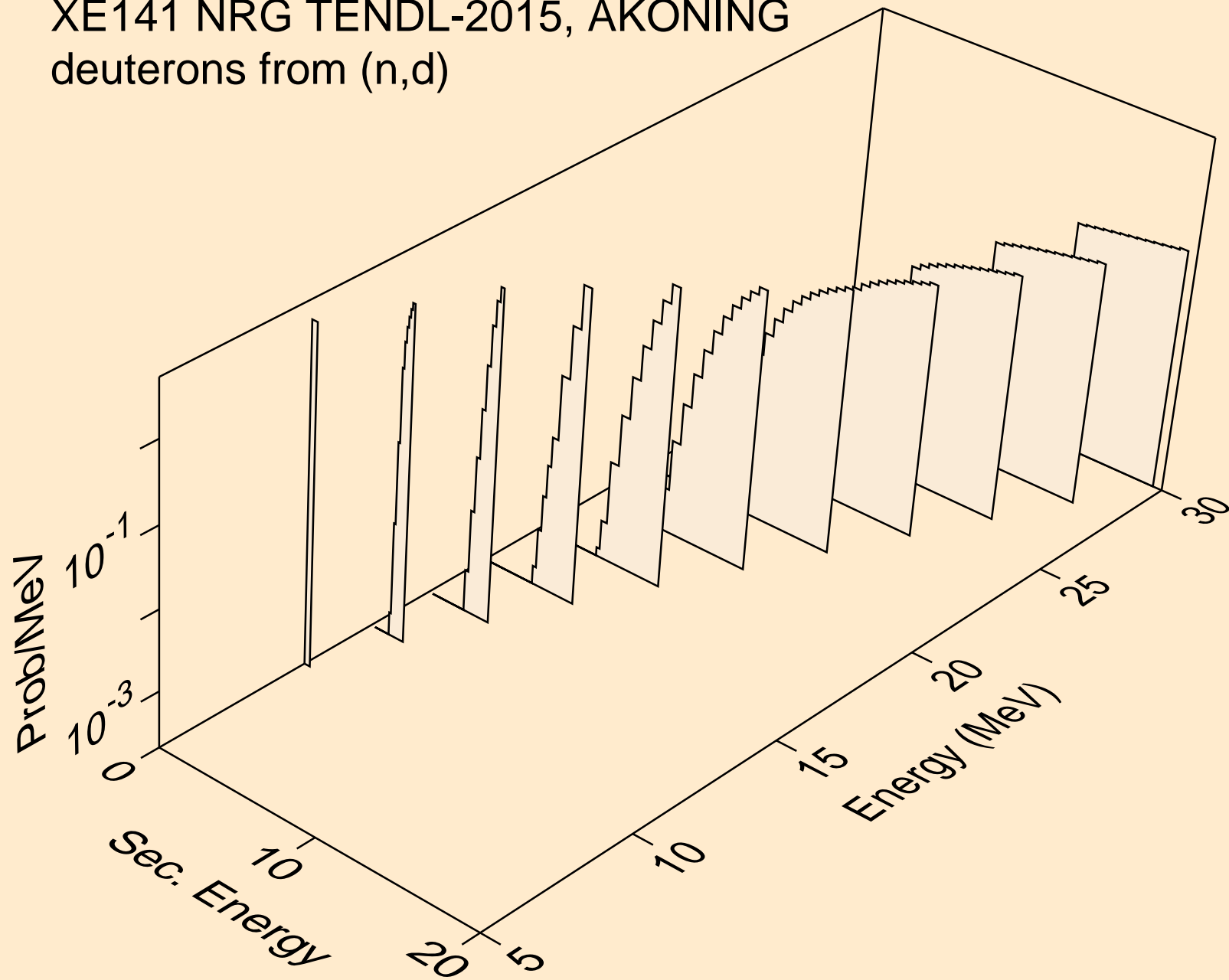
XE141 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



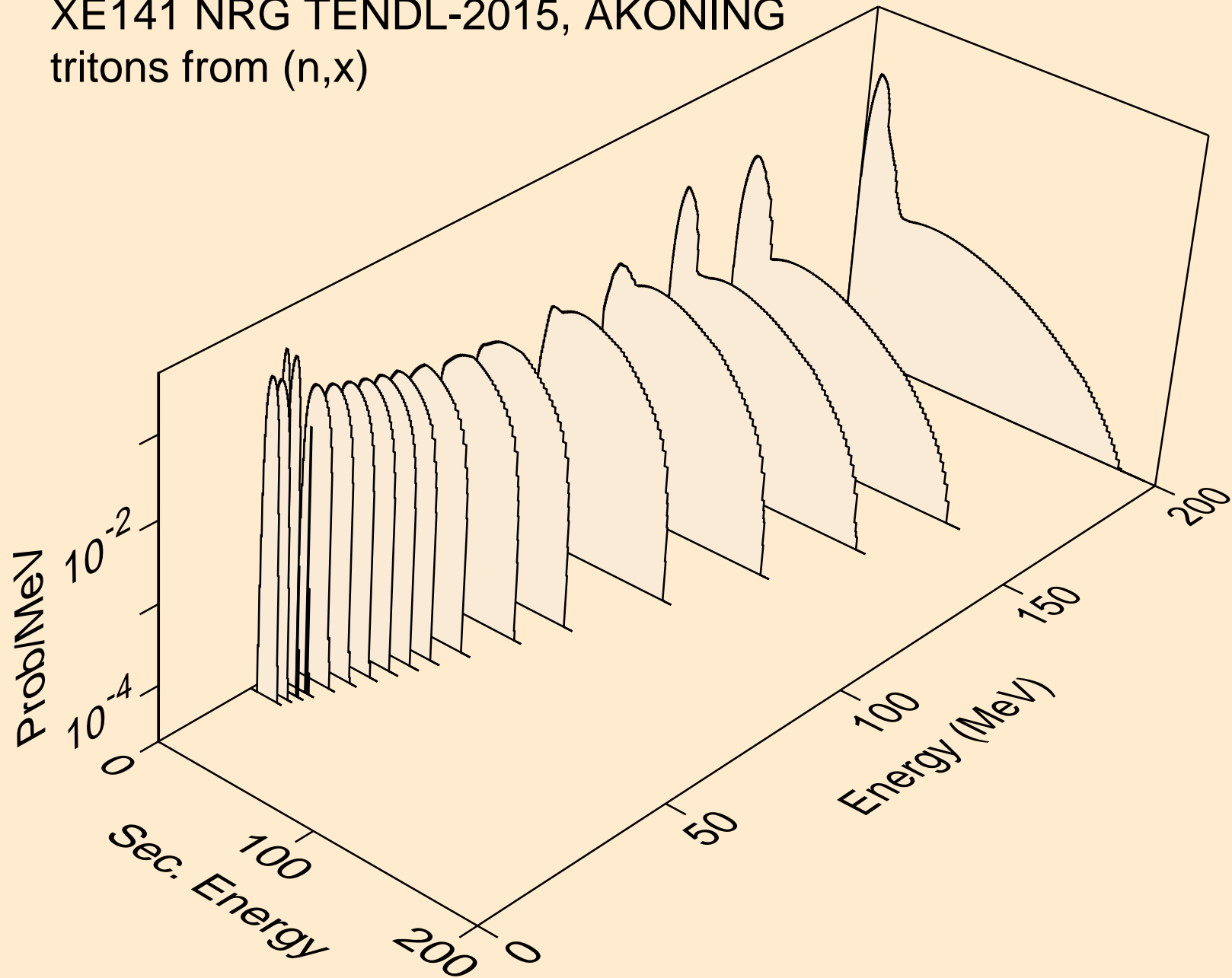
XE141 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



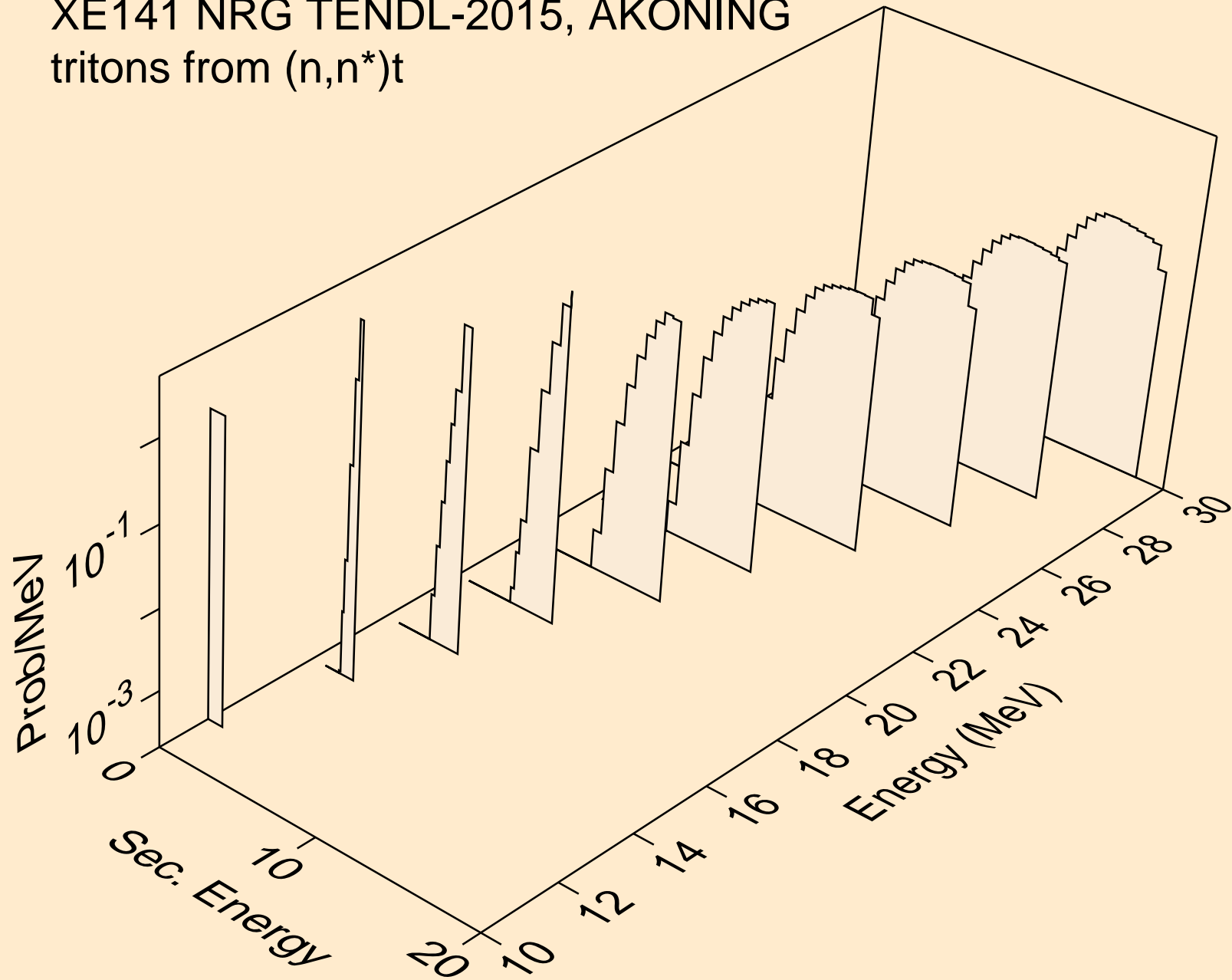
XE141 NRG TENDL-2015, AKONING  
deuterons from (n,d)



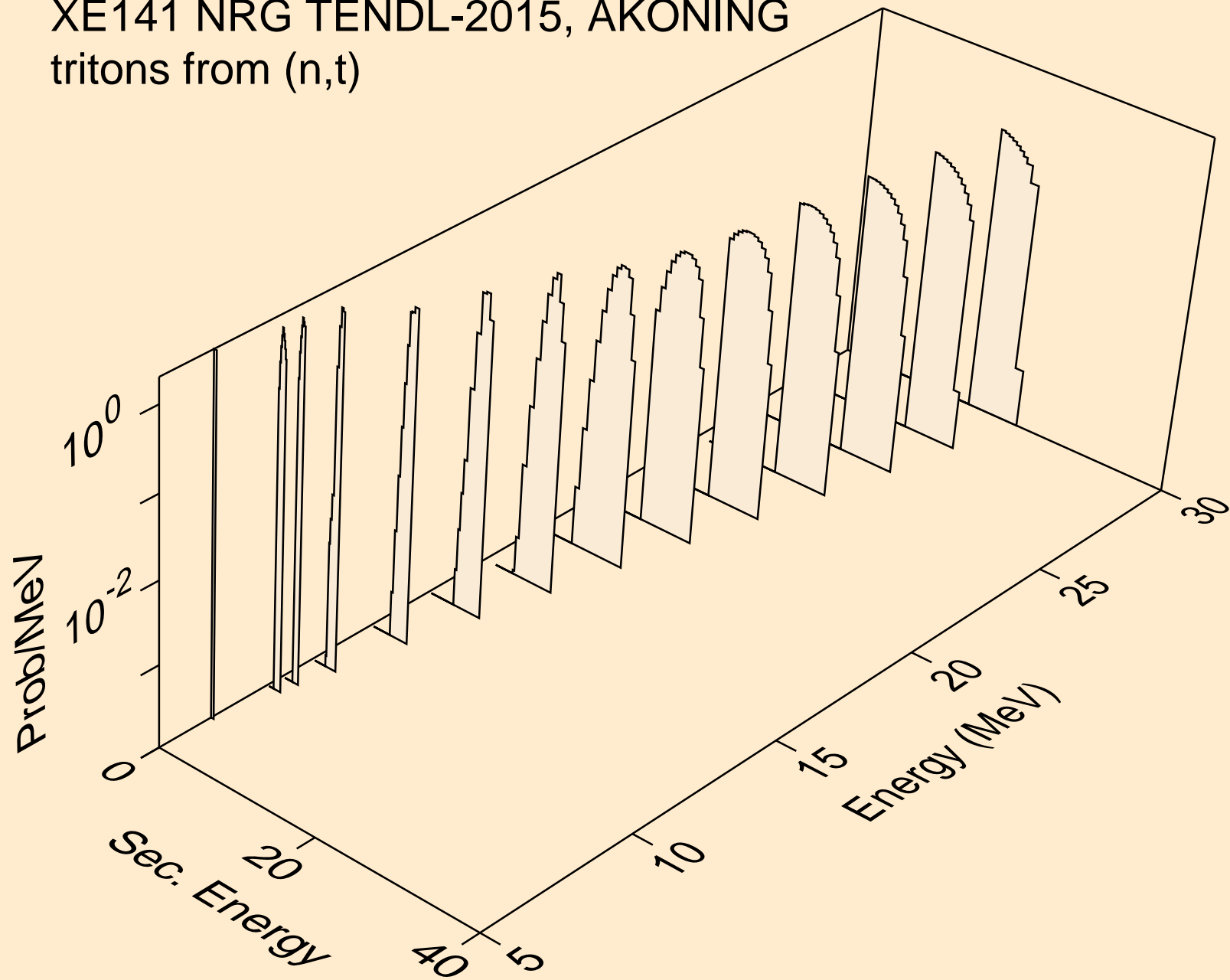
XE141 NRG TENDL-2015, AKONING  
tritons from (n,x)



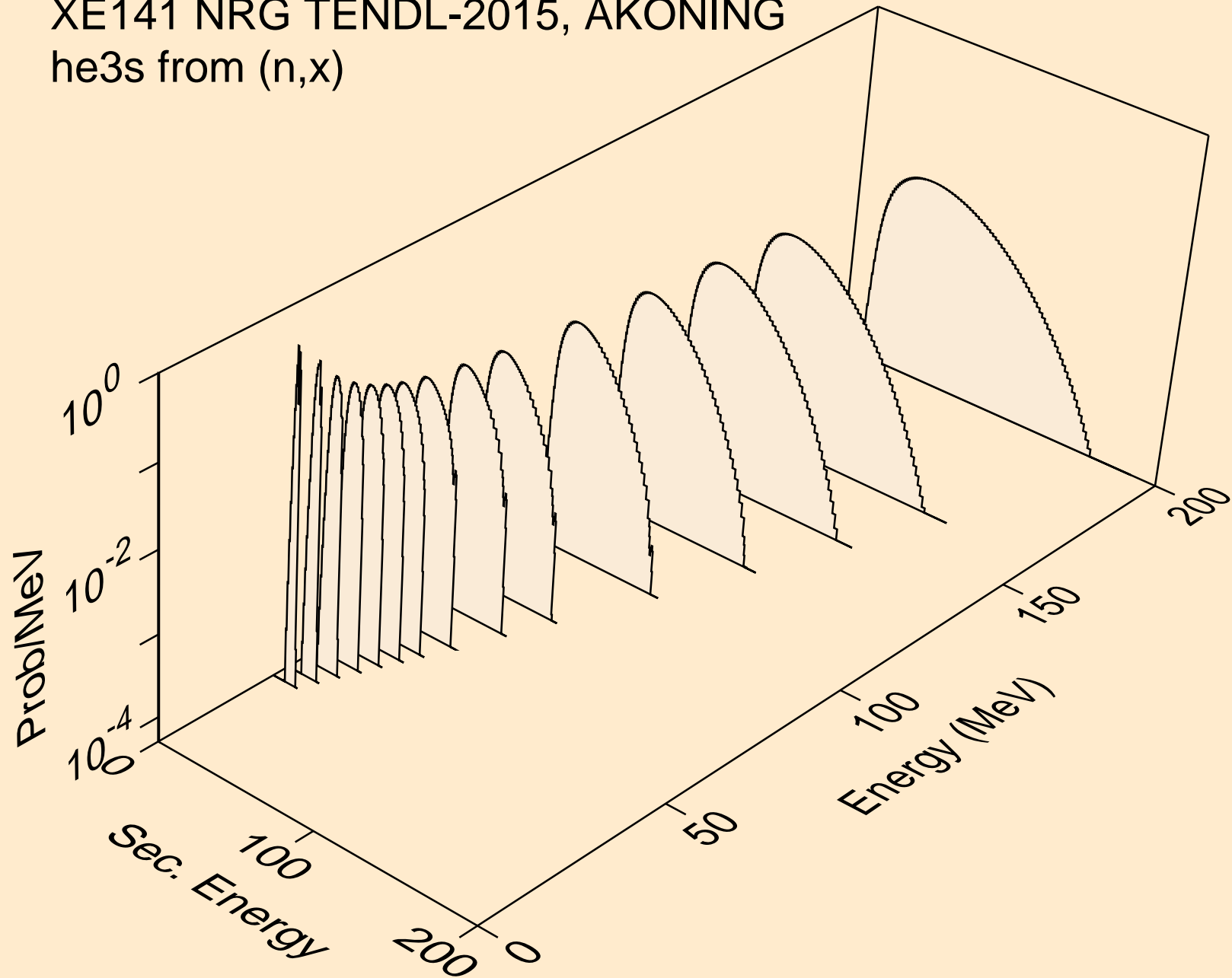
XE141 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



XE141 NRG TENDL-2015, AKONING  
tritons from (n,t)

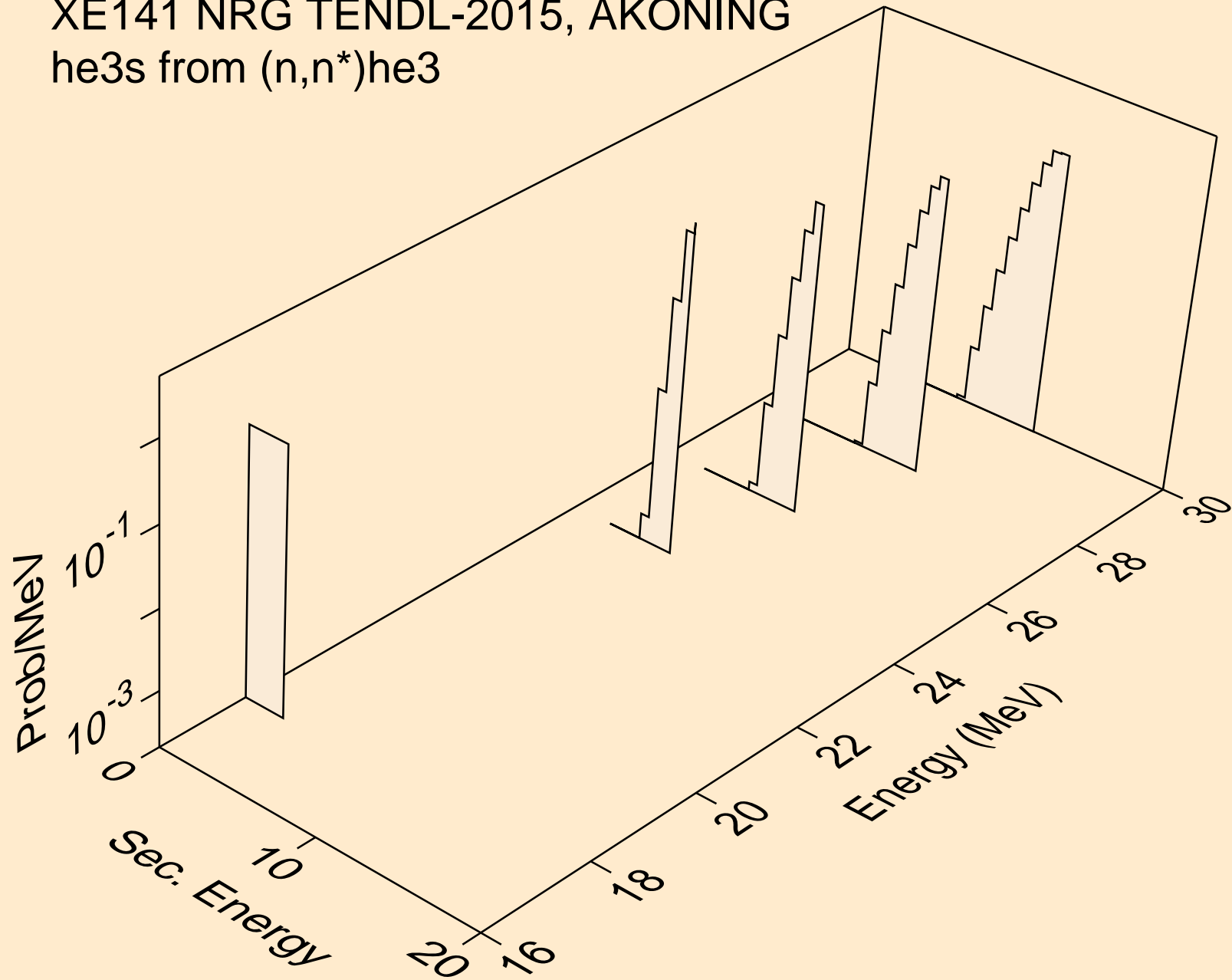


XE141 NRG TENDL-2015, AKONING  
he3s from (n,x)

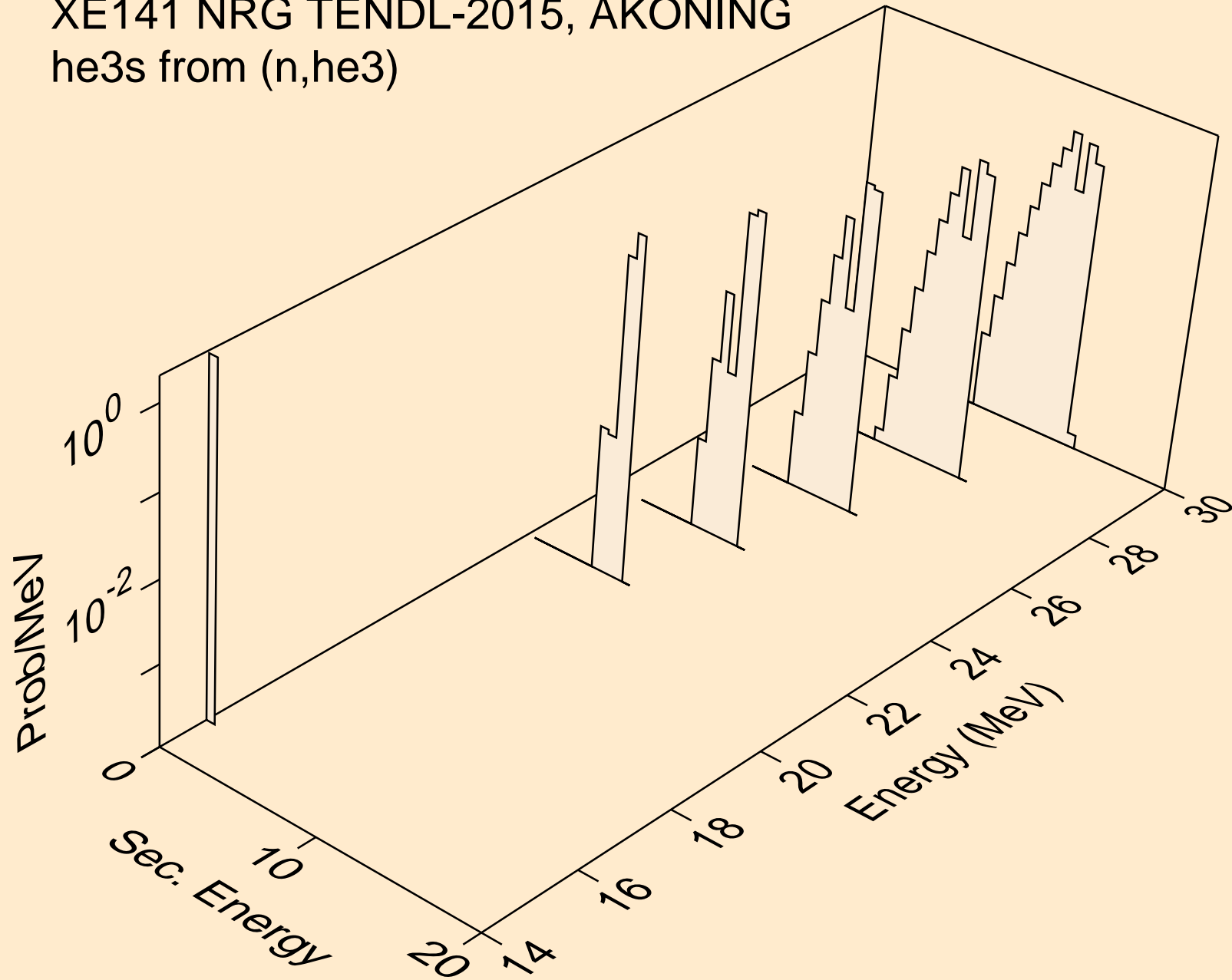




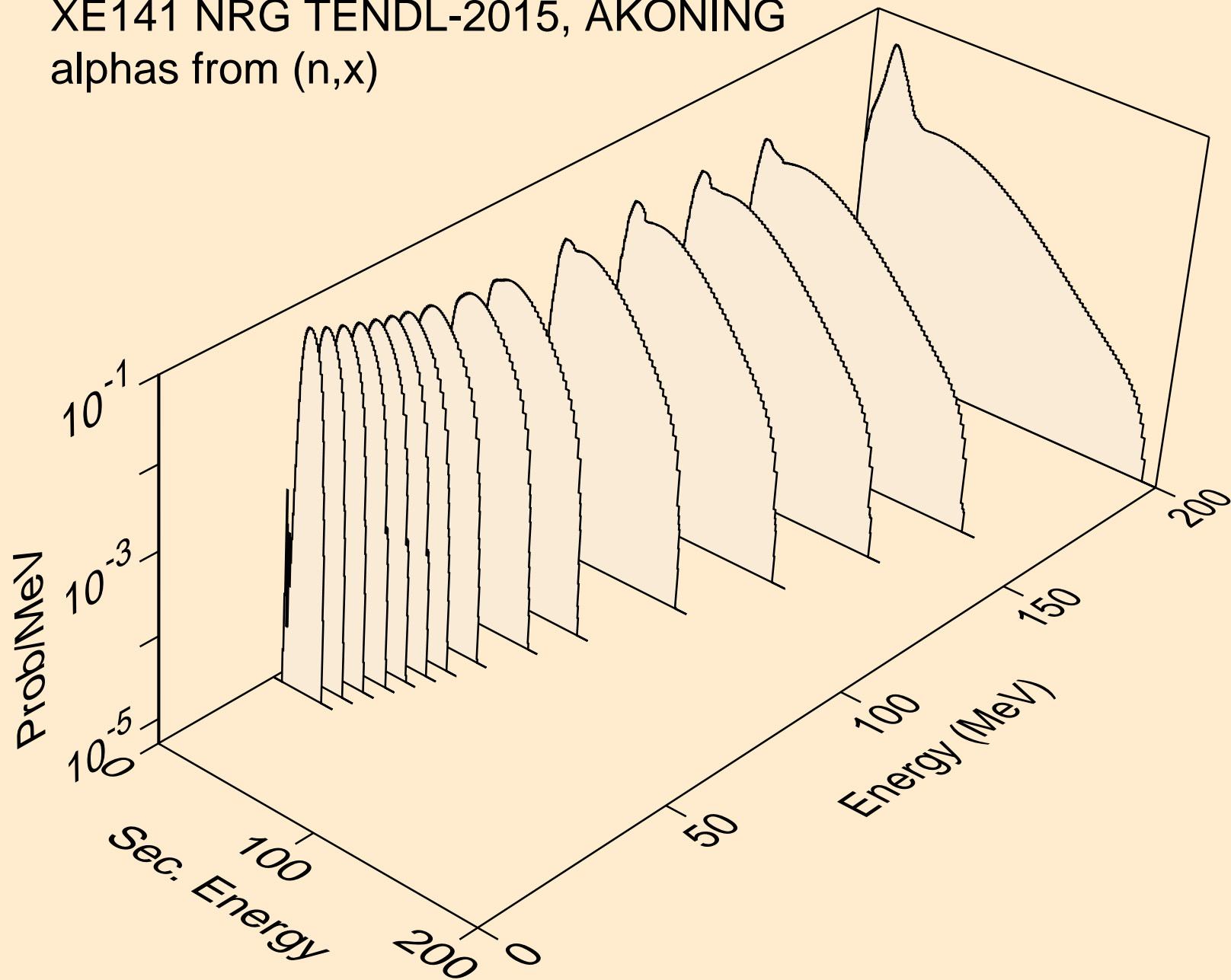
XE141 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



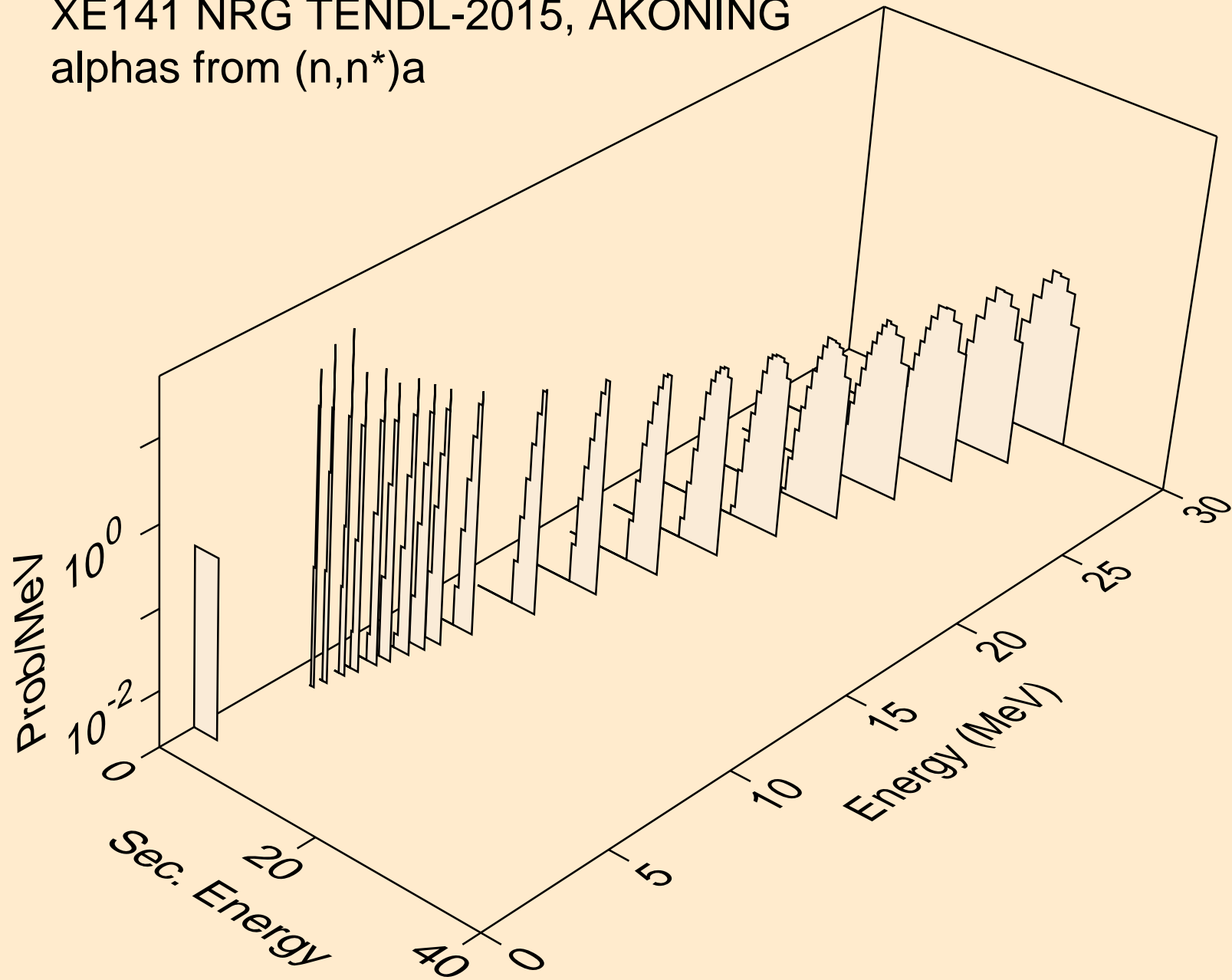
XE141 NRG TENDL-2015, AKONING  
he3s from (n,he3)



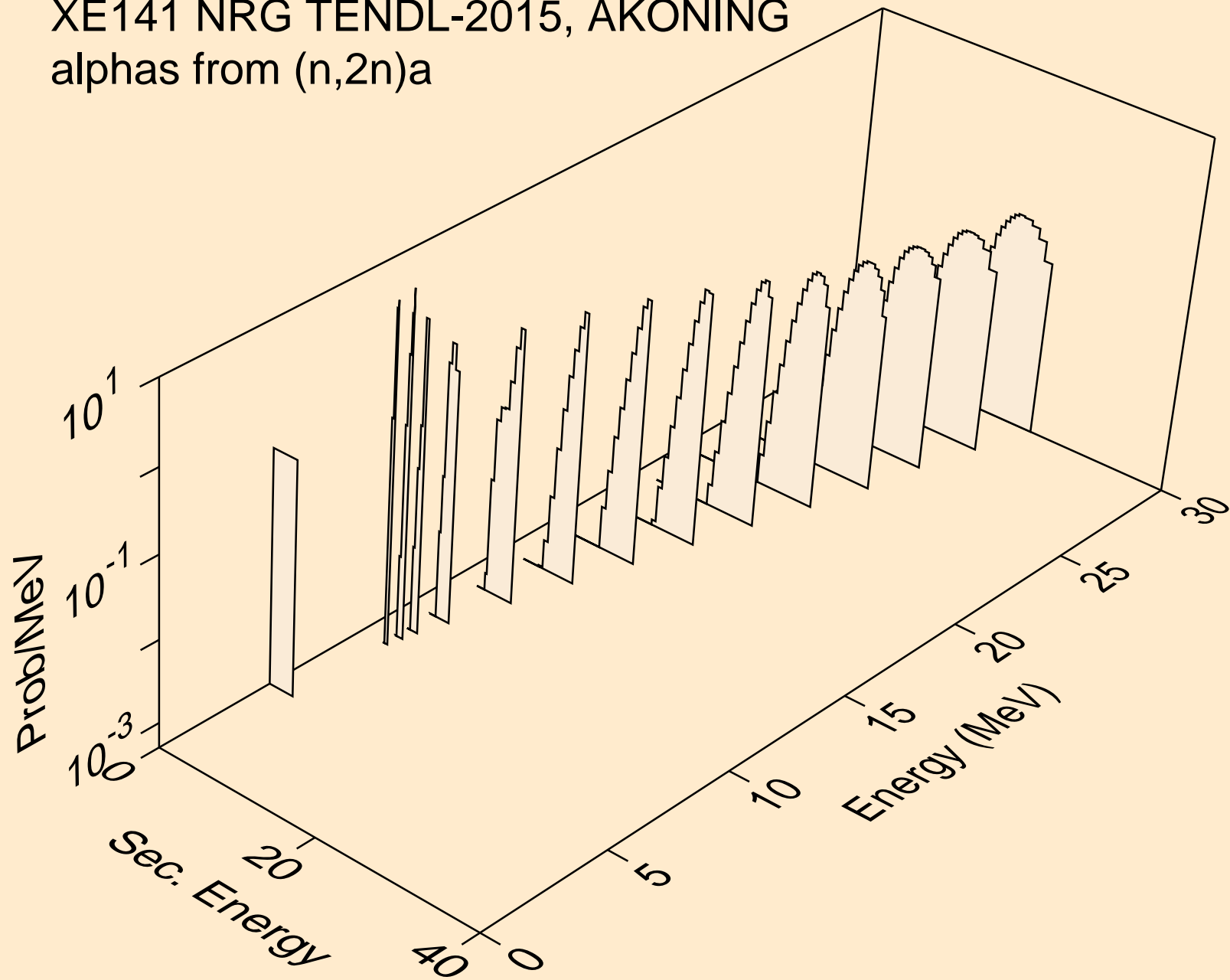
XE141 NRG TENDL-2015, AKONING  
alphas from (n,x)



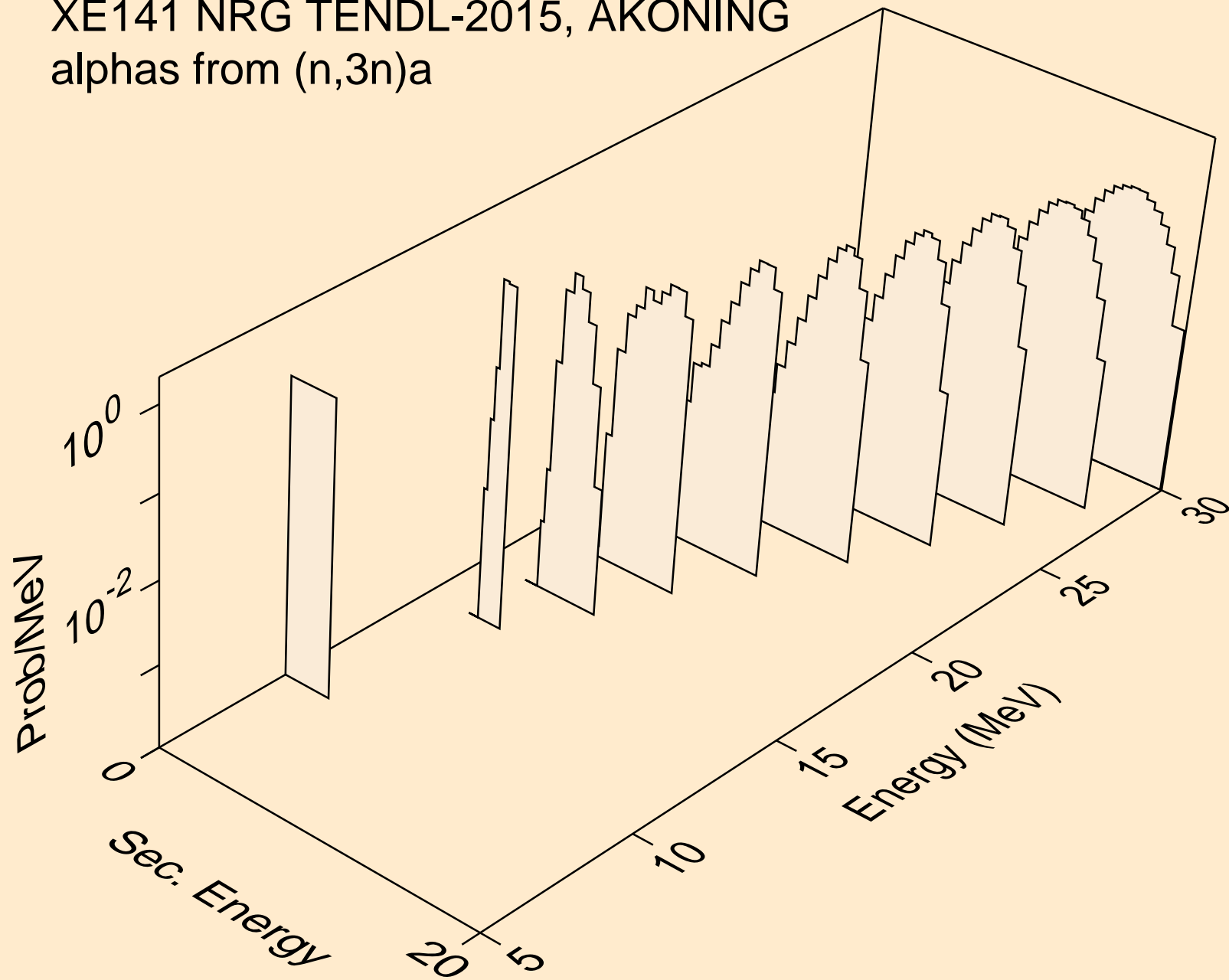
XE141 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



XE141 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



XE141 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



XE141 NRG TENDL-2015, AKONING  
alphas from (n,a)

