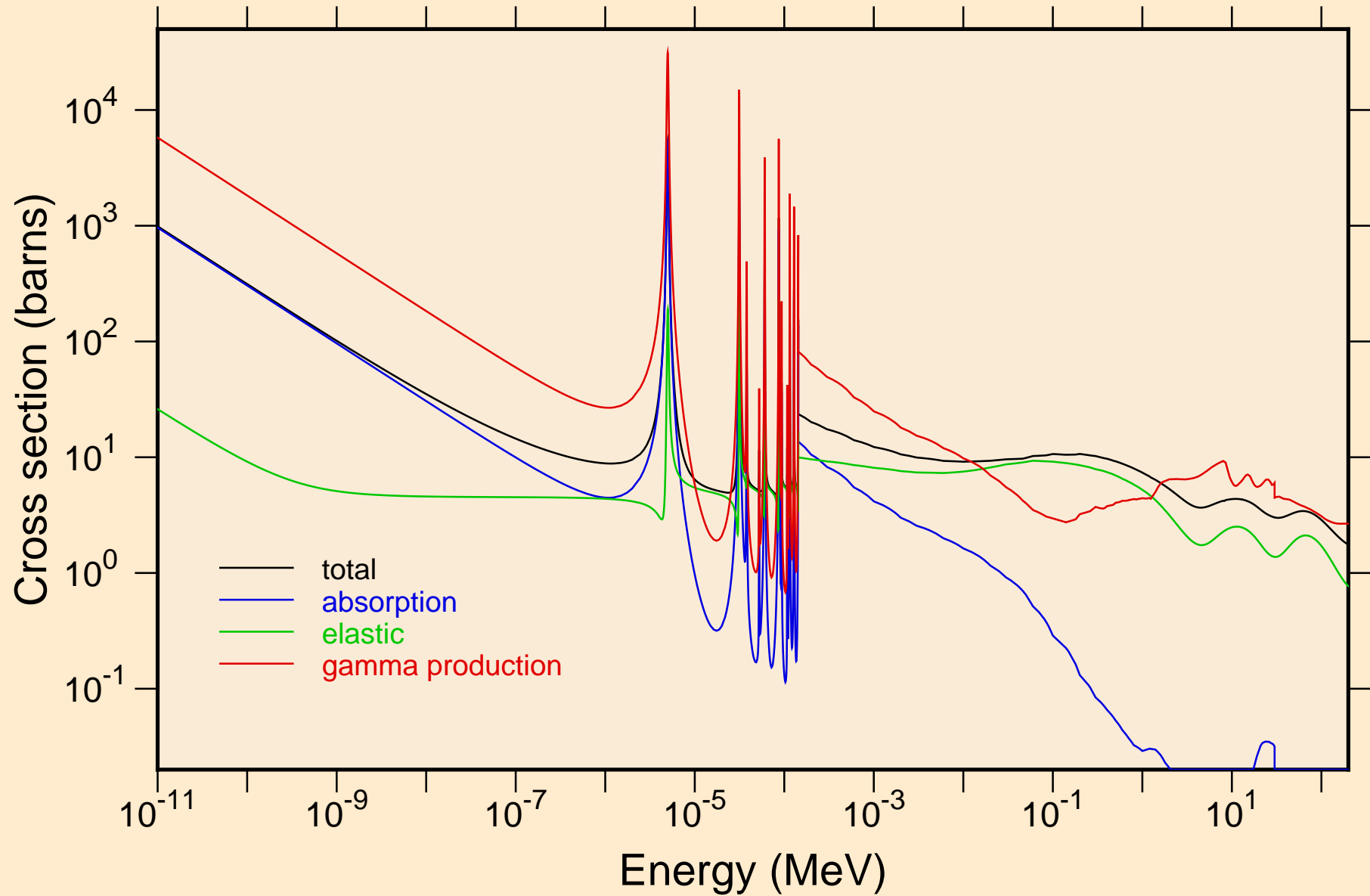
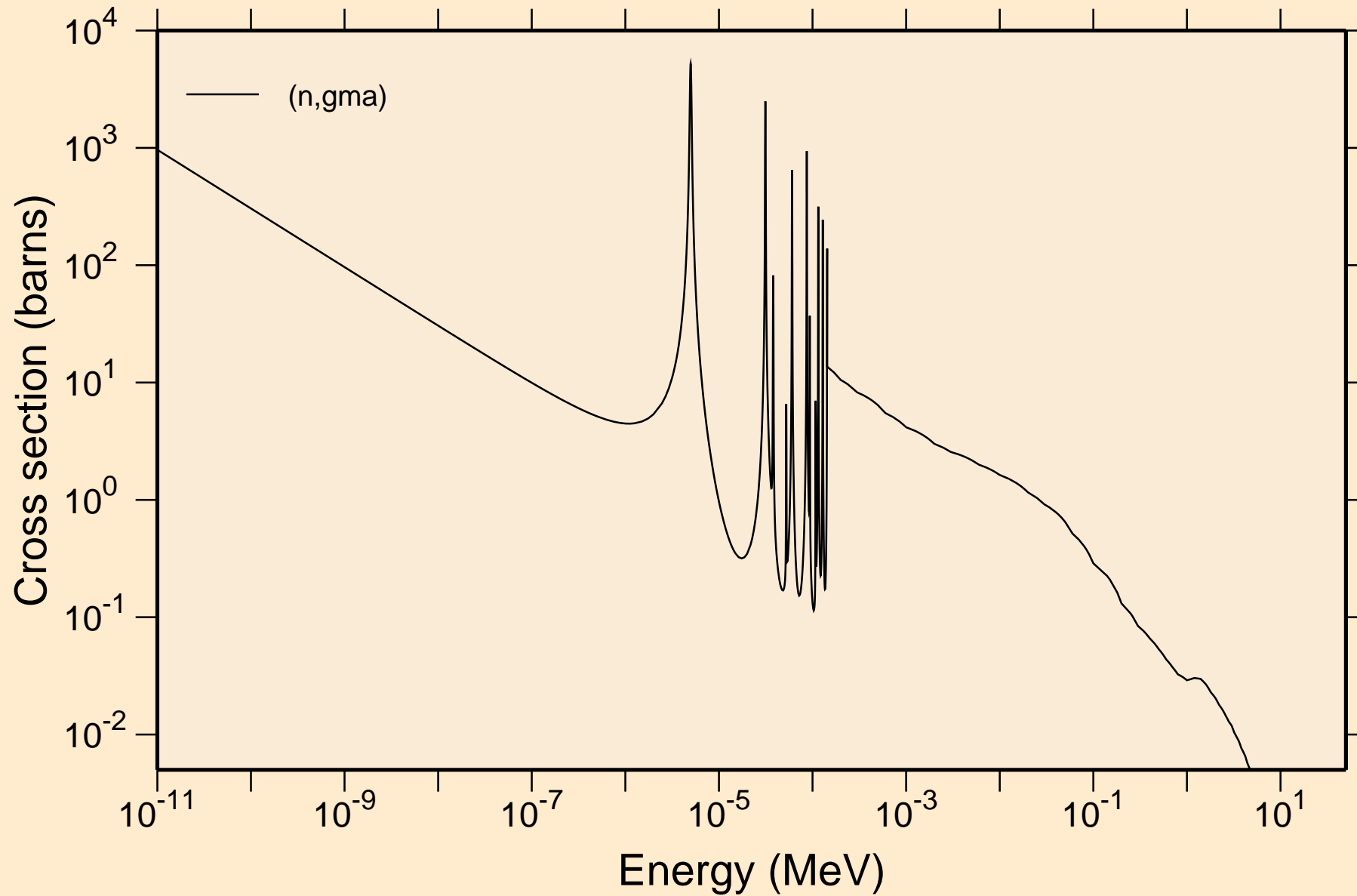


# TC103 NRG TENDL-2015, AKONING

## Principal cross sections

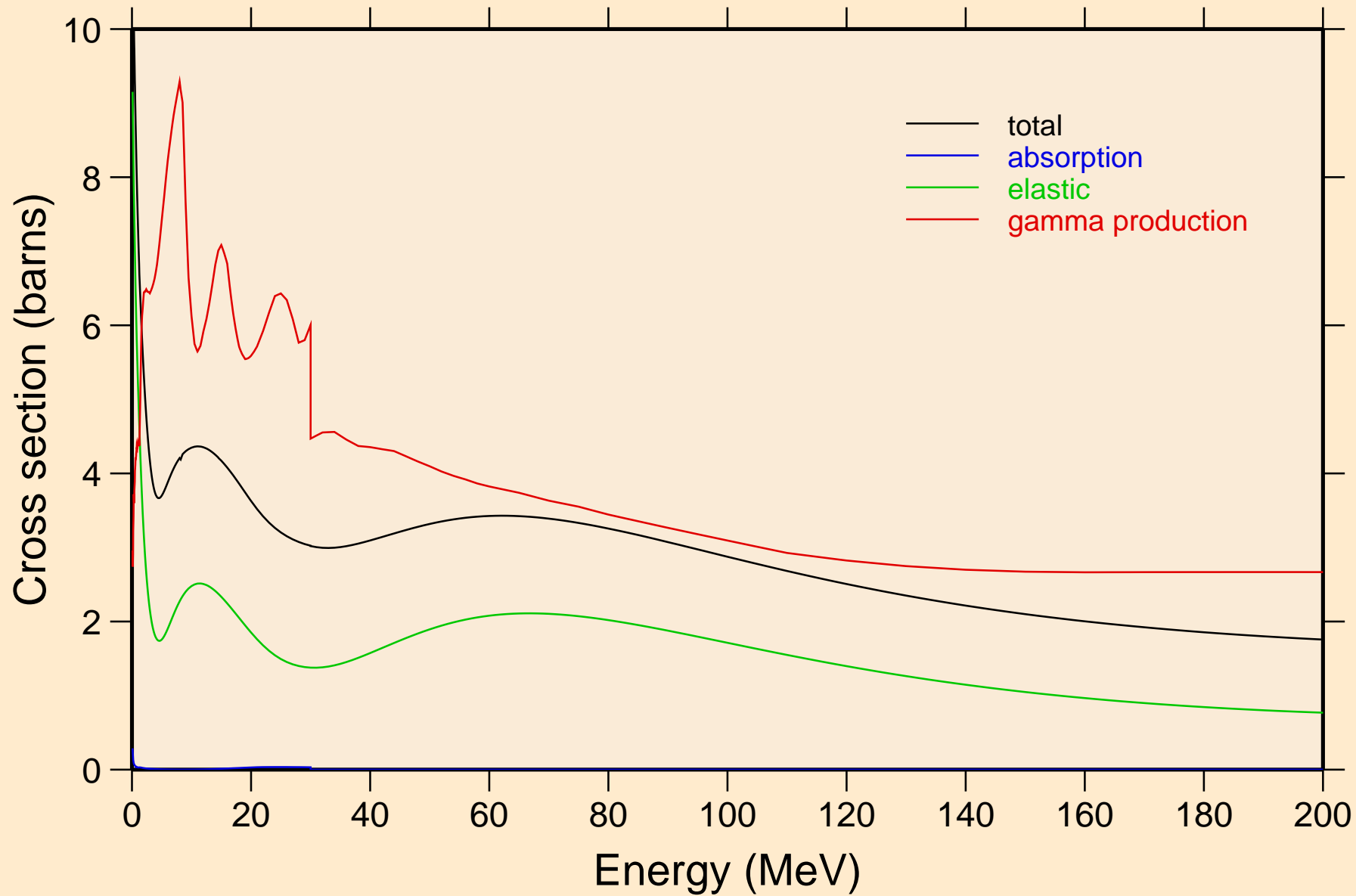


TC103 NRG TENDL-2015, AKONING  
Non-threshold reactions

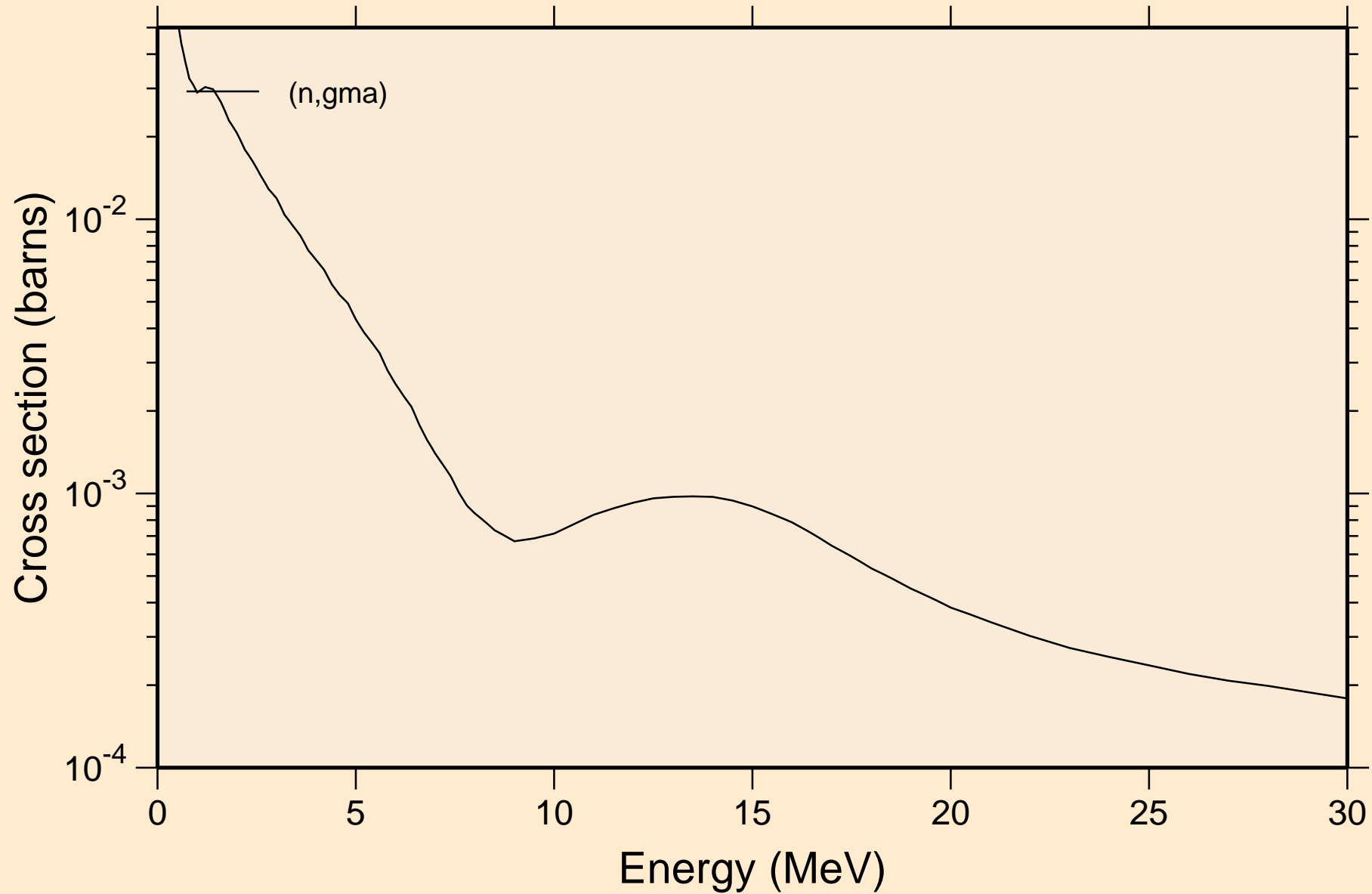


# TC103 NRG TENDL-2015, AKONING

## Principal cross sections

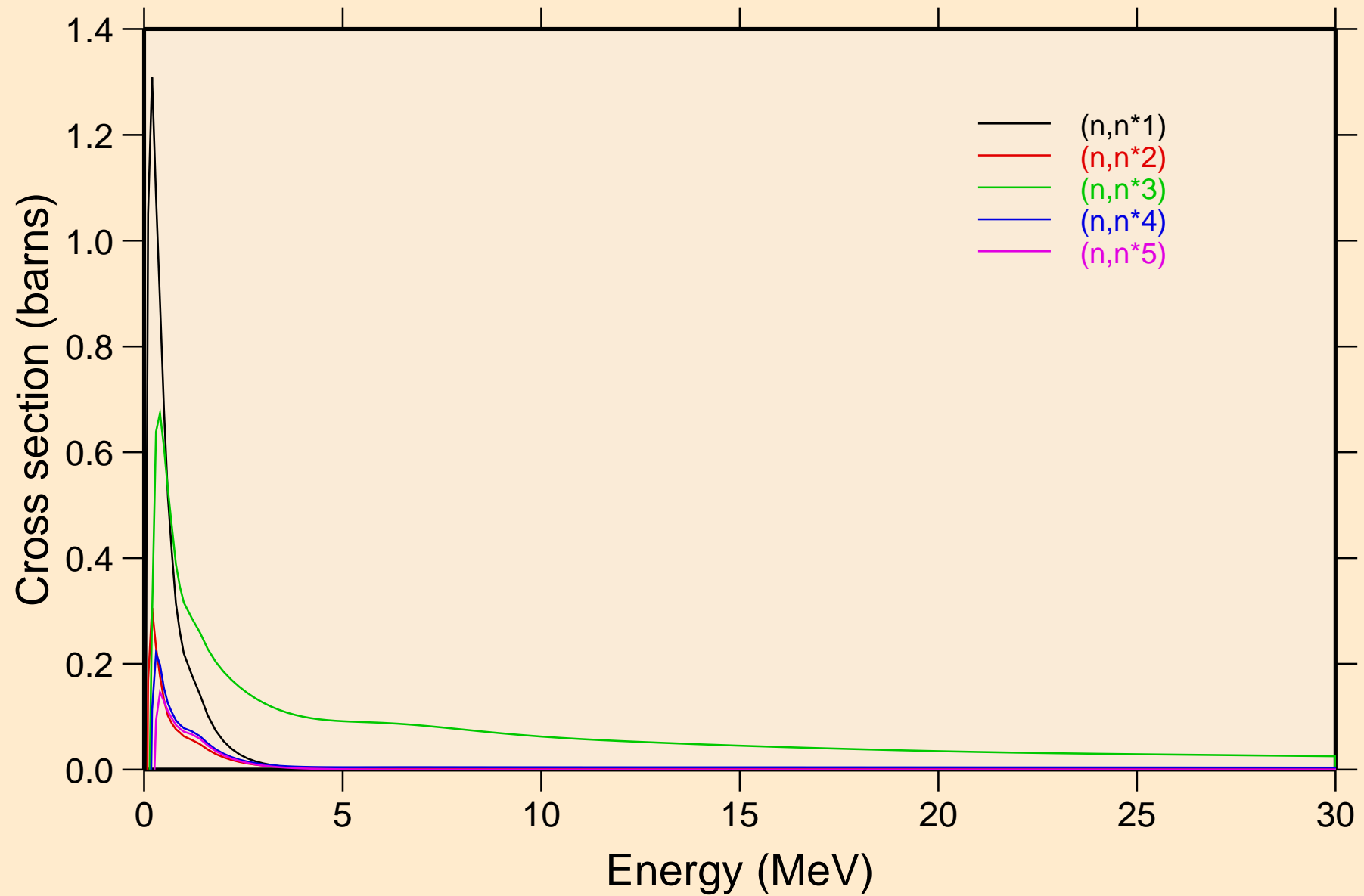


TC103 NRG TENDL-2015, AKONING  
Non-threshold reactions



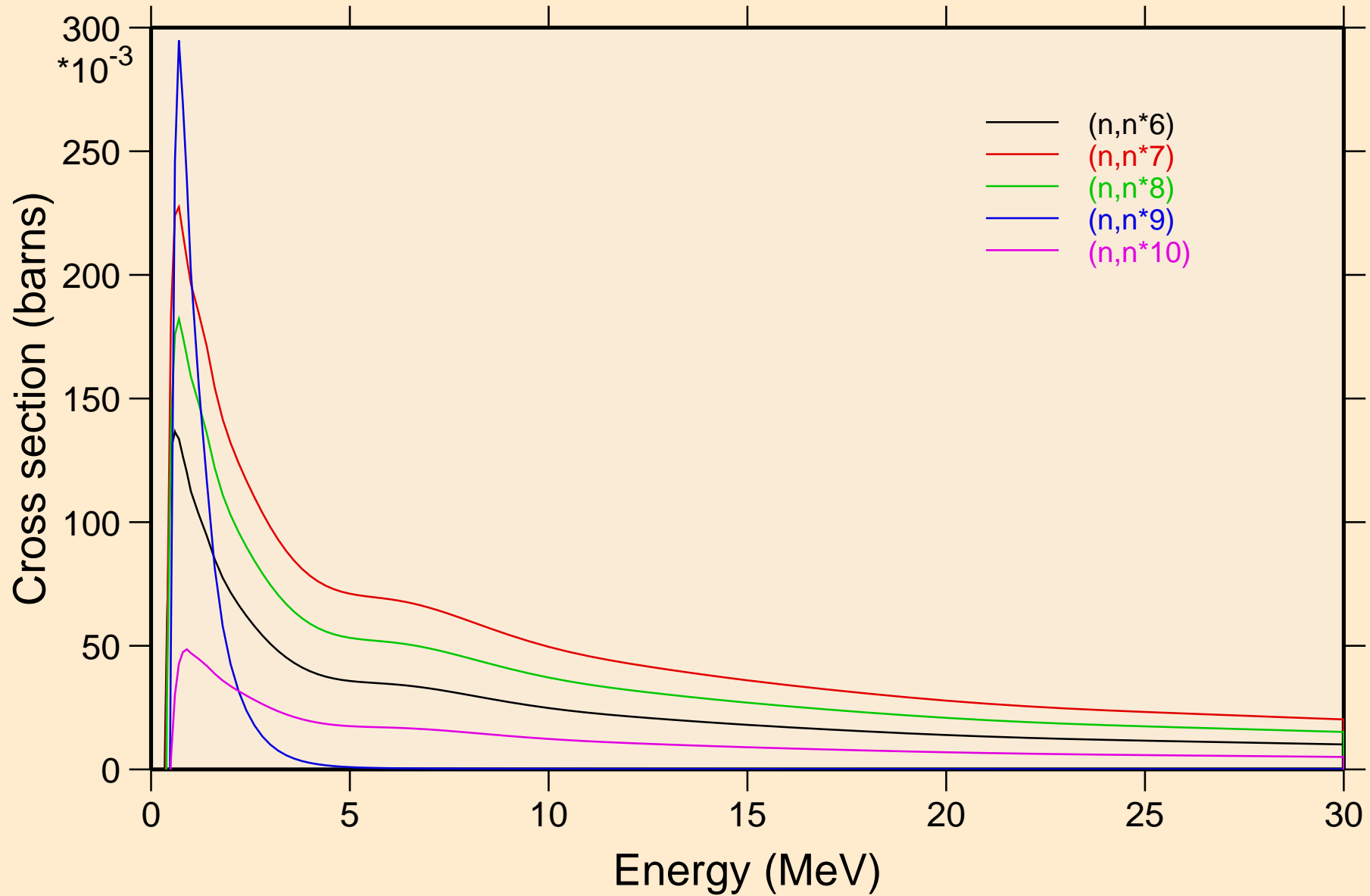
# TC103 NRG TENDL-2015, AKONING

## Inelastic levels



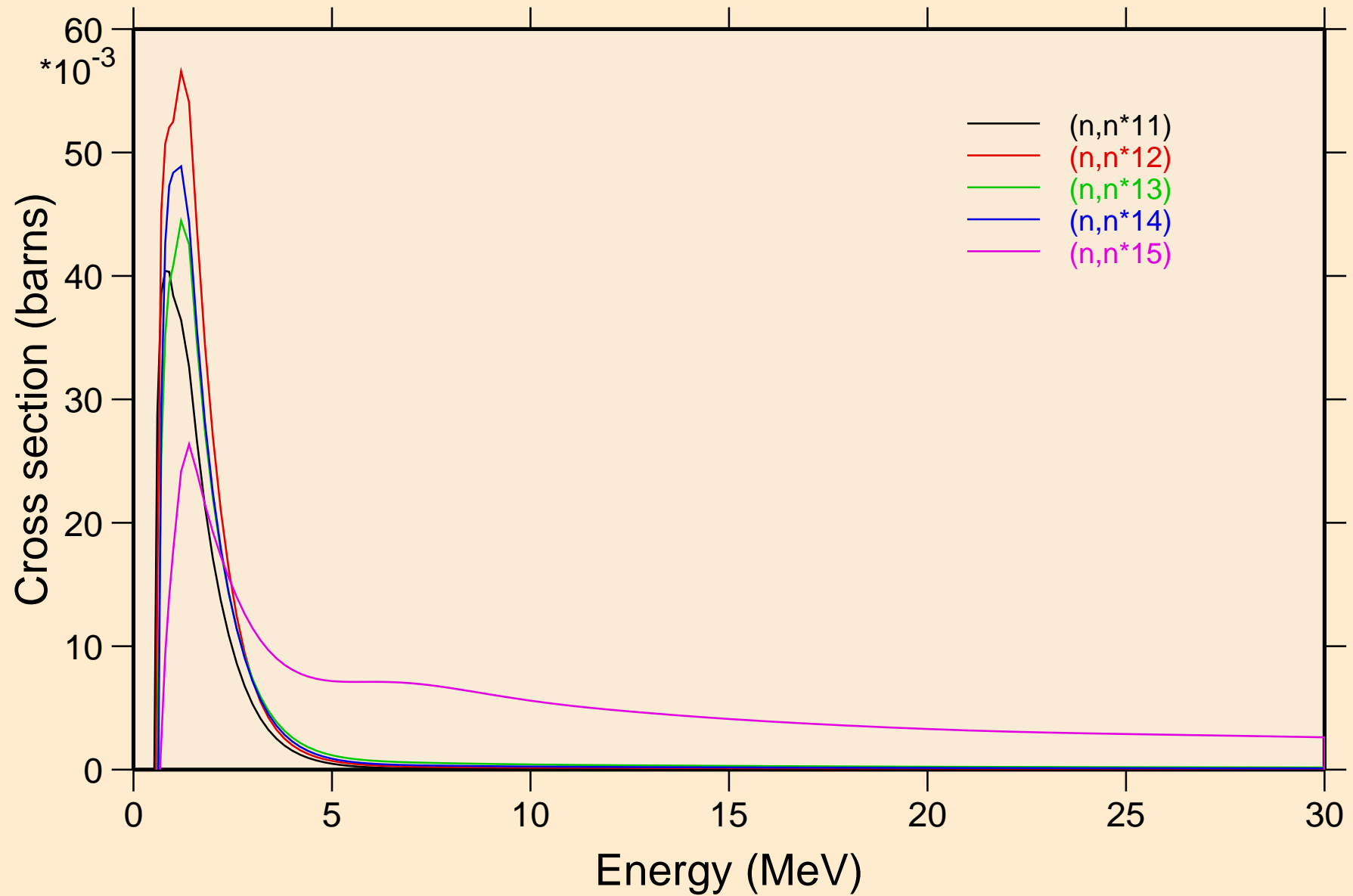
# TC103 NRG TENDL-2015, AKONING

## Inelastic levels



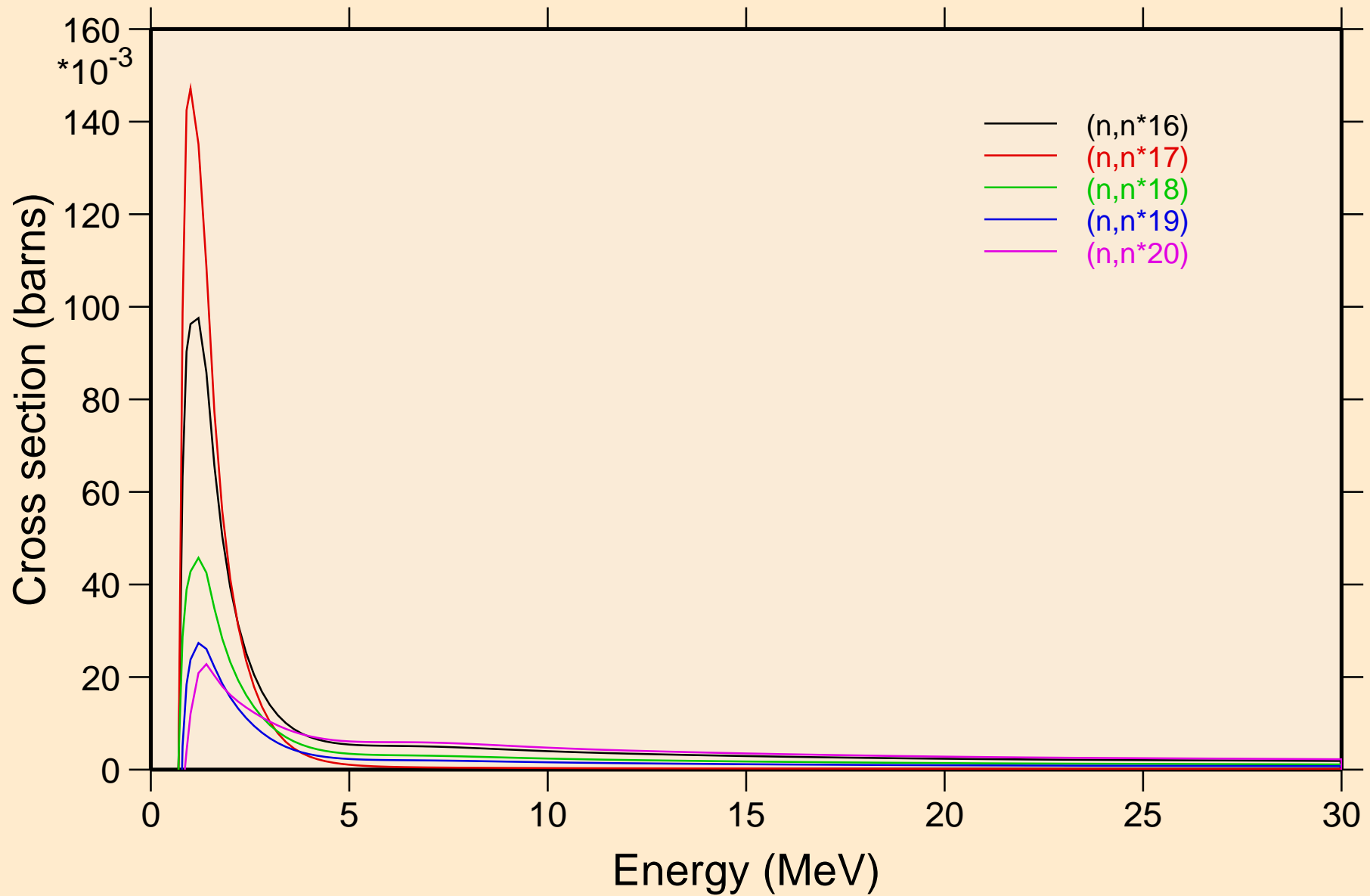
# TC103 NRG TENDL-2015, AKONING

## Inelastic levels



# TC103 NRG TENDL-2015, AKONING

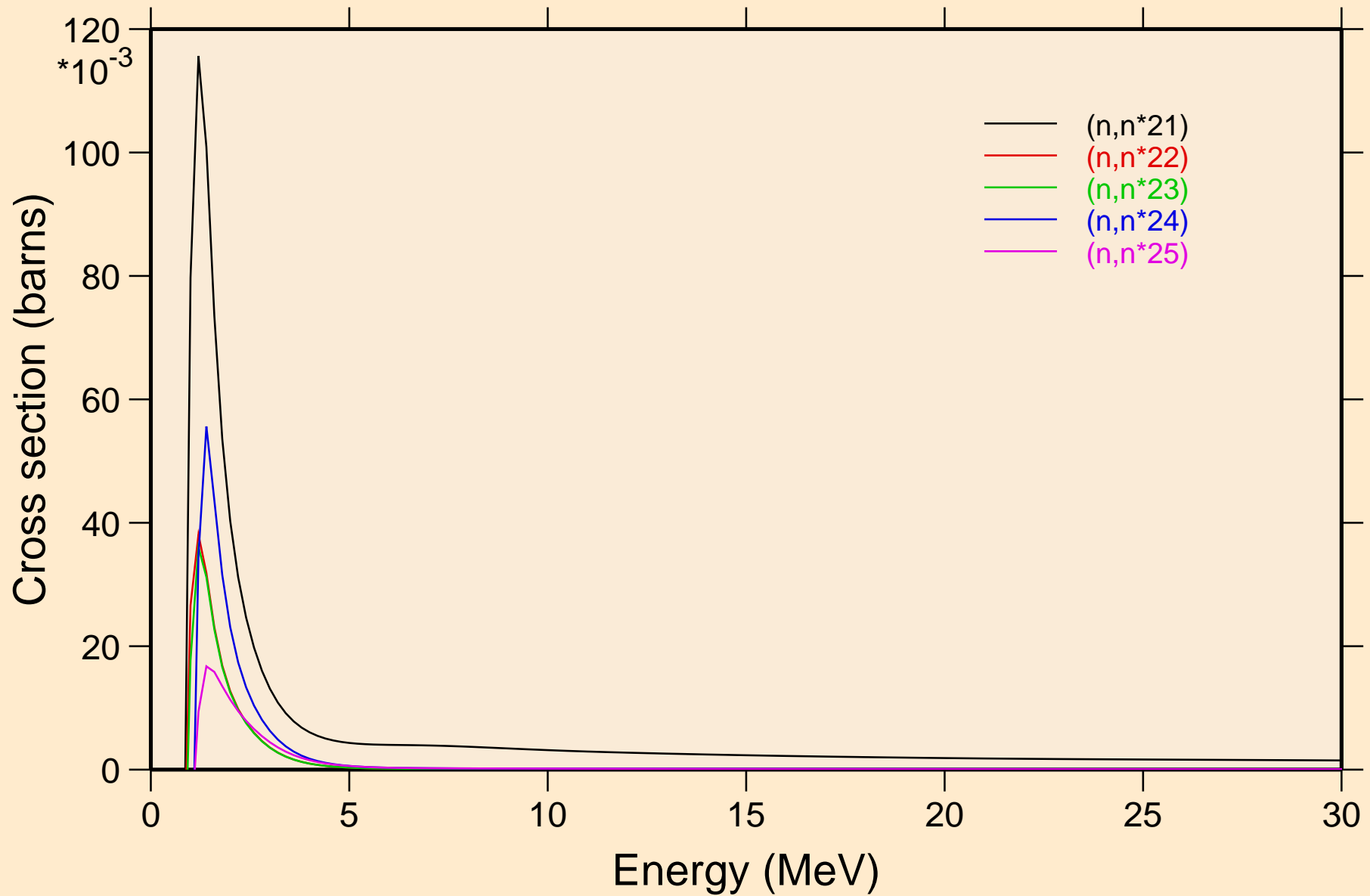
## Inelastic levels





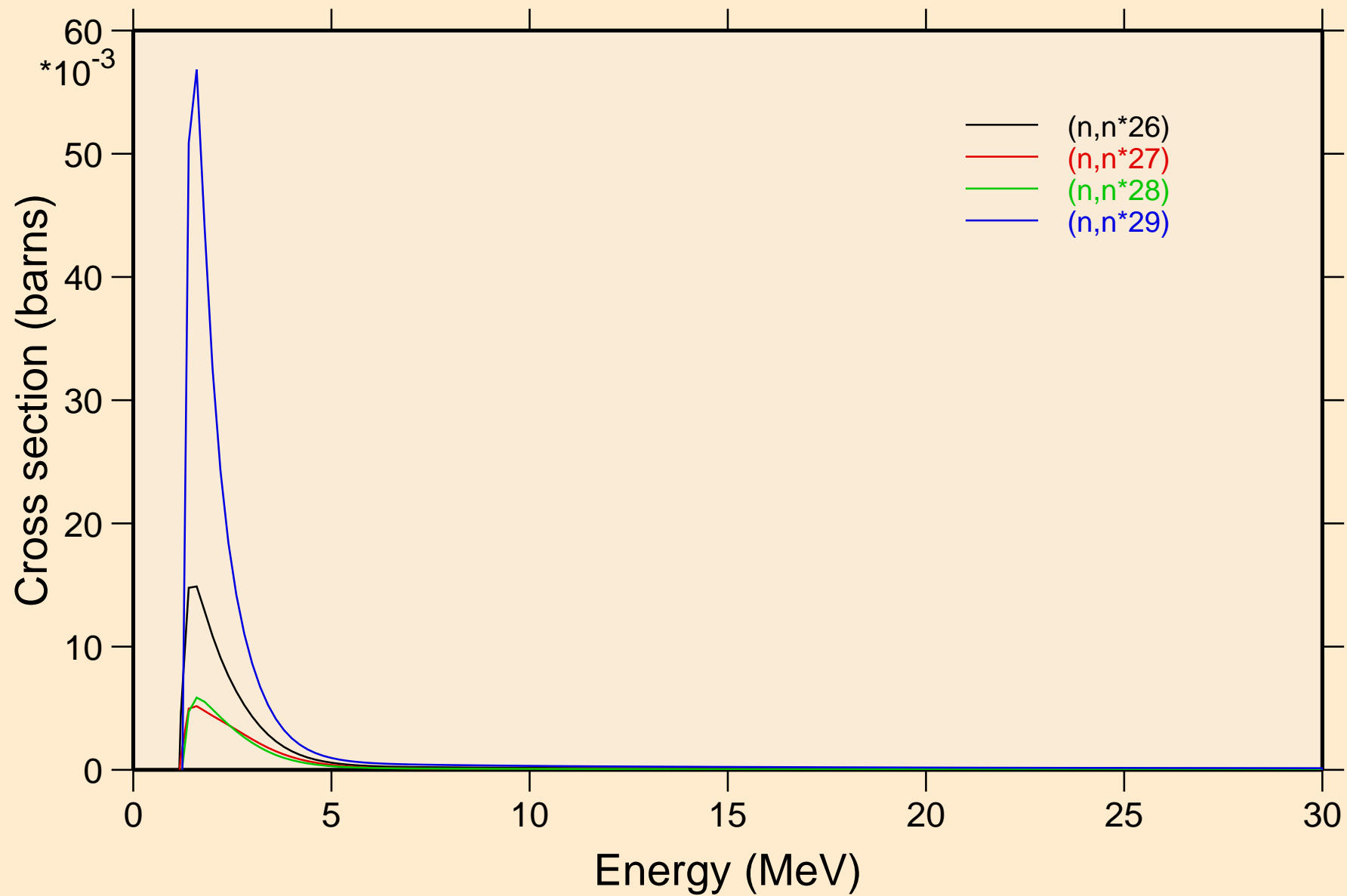
# TC103 NRG TENDL-2015, AKONING

## Inelastic levels



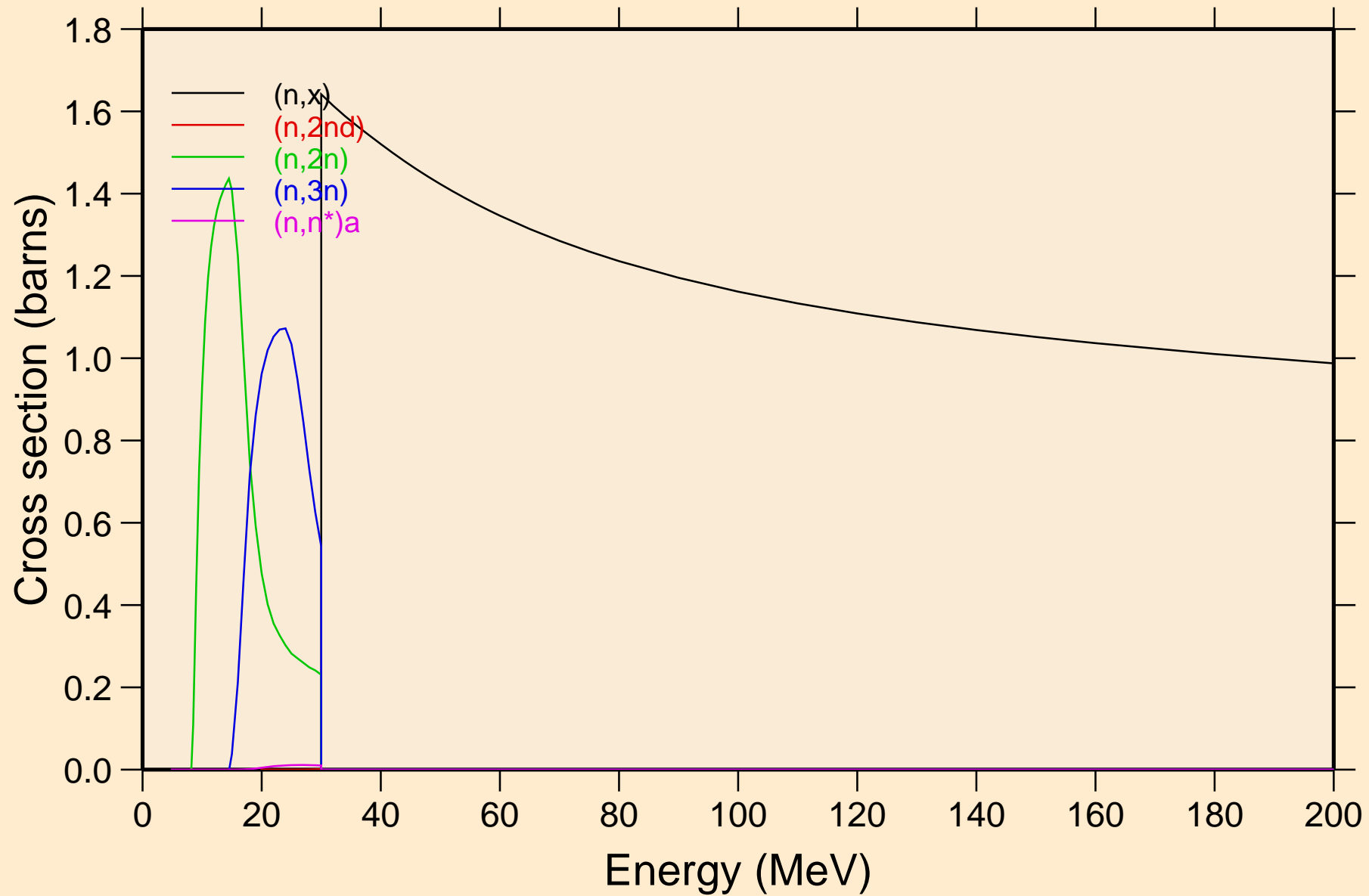
# TC103 NRG TENDL-2015, AKONING

## Inelastic levels



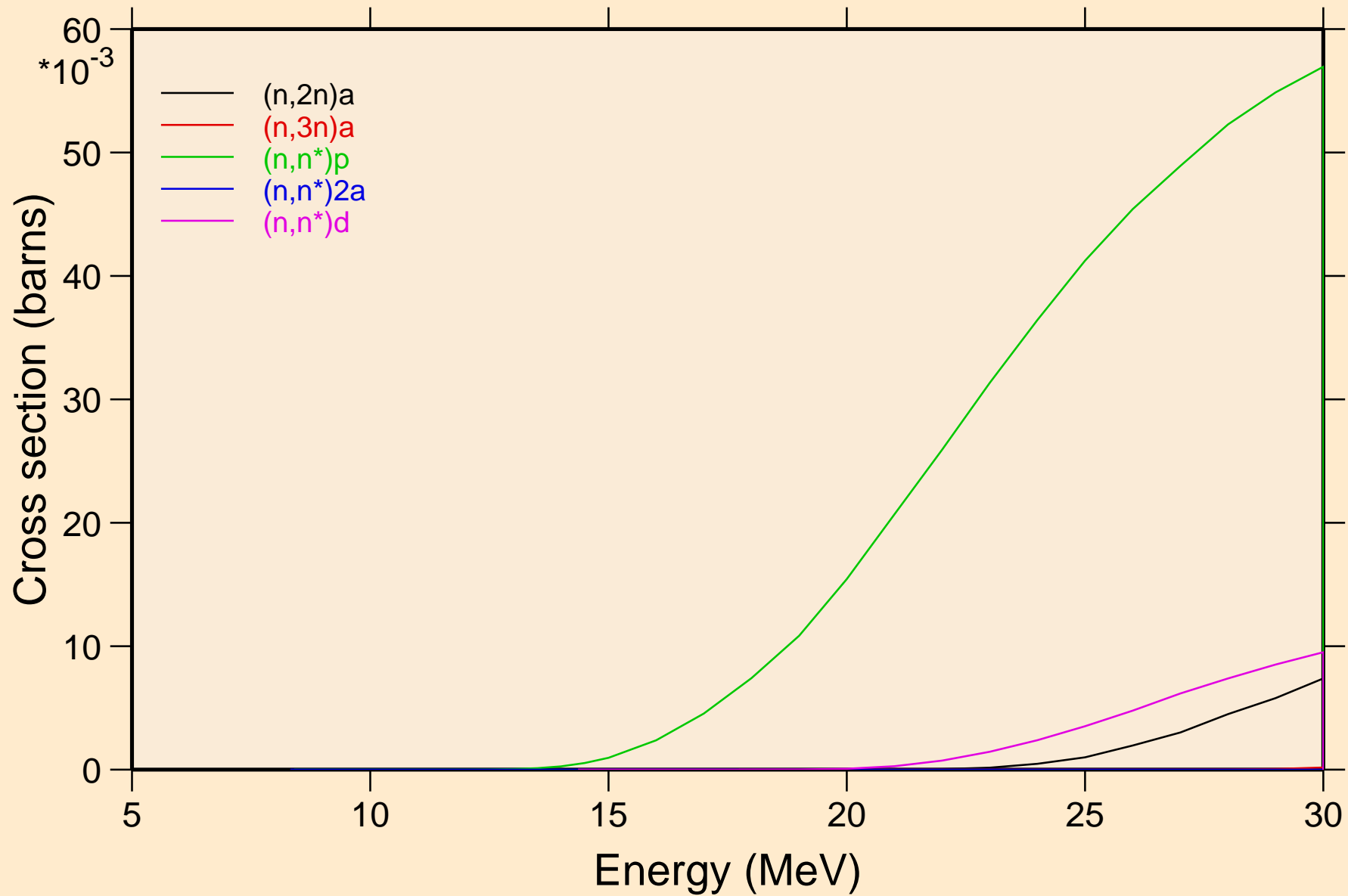
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions



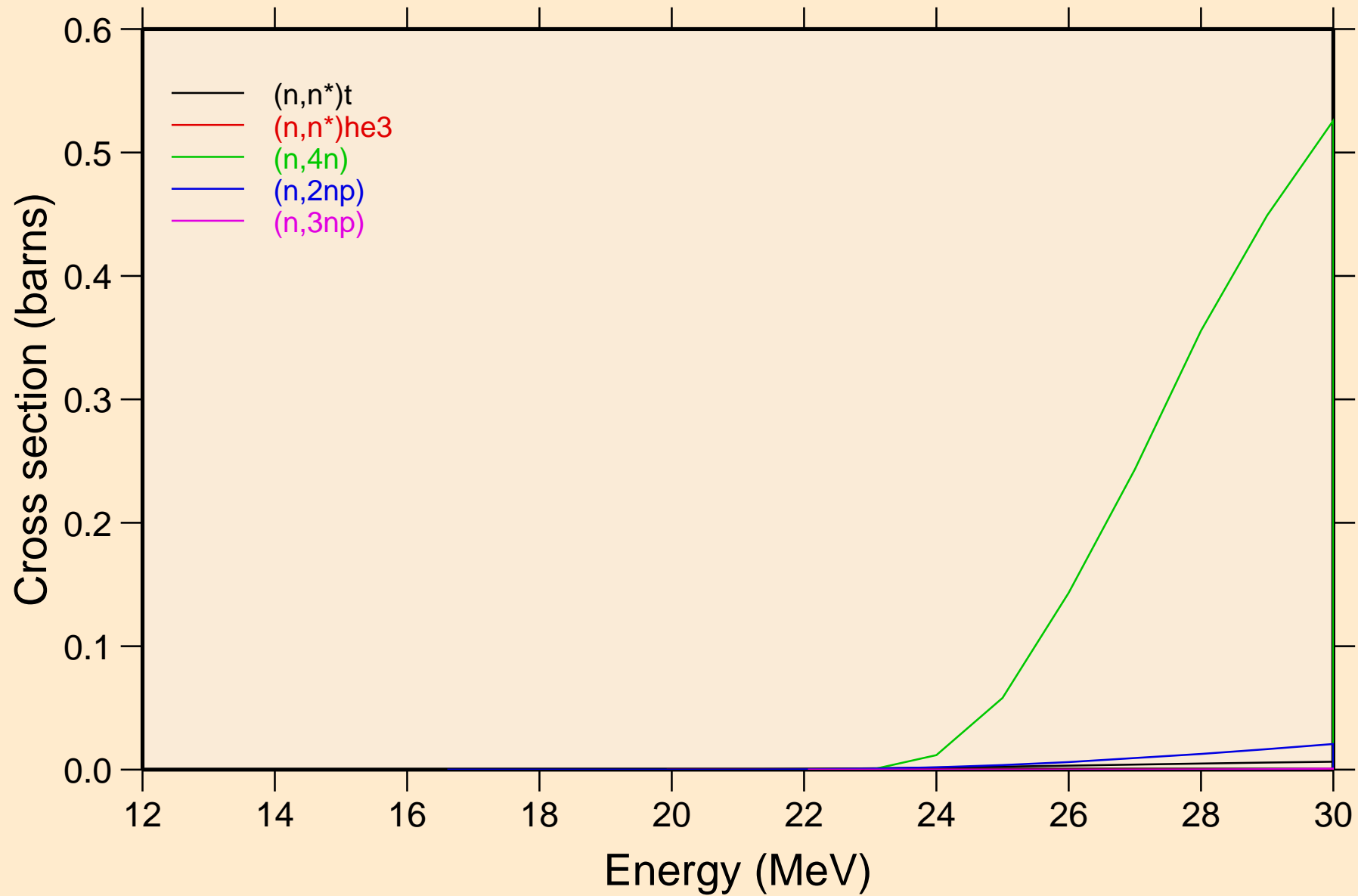
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions



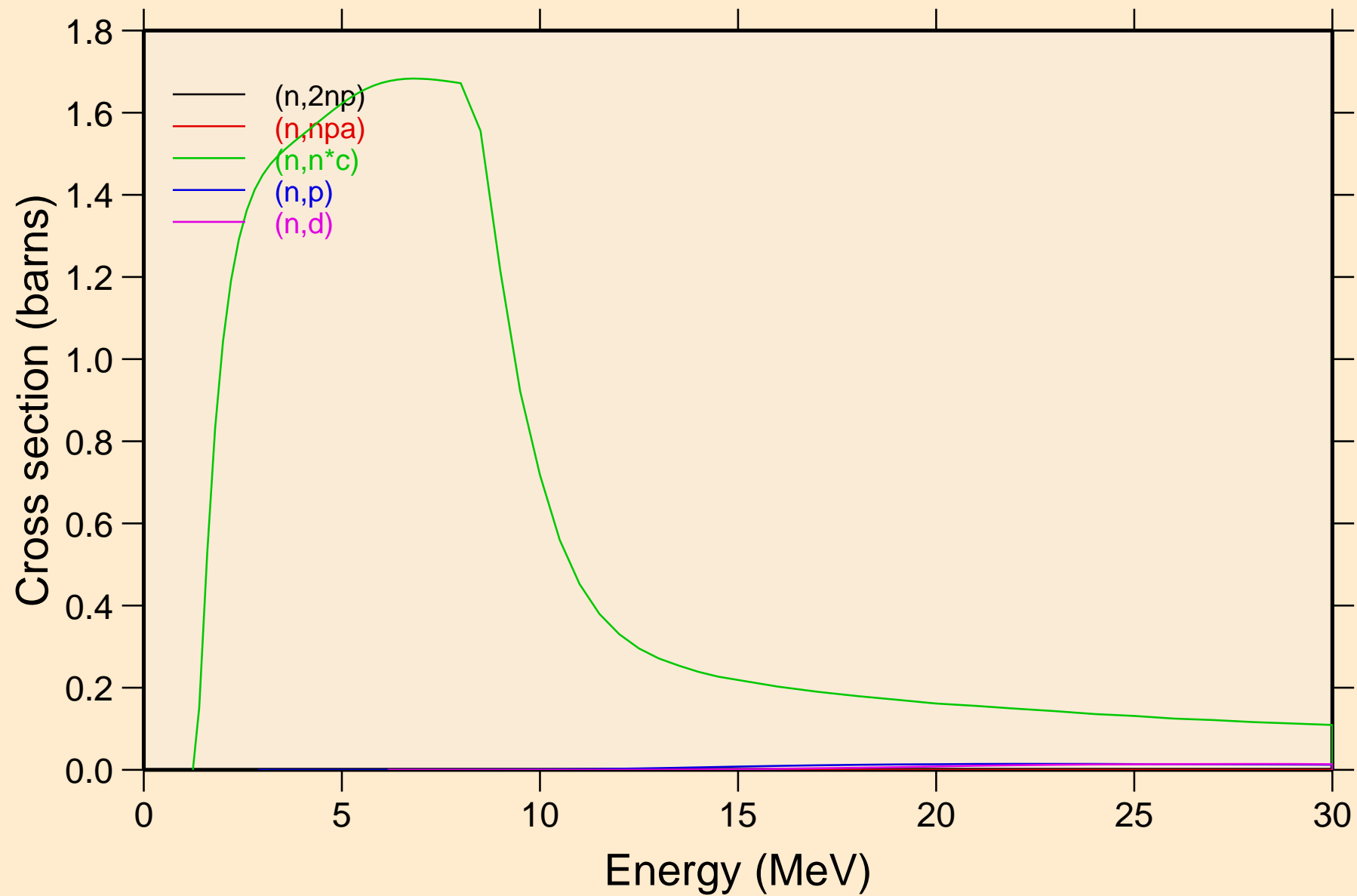
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions



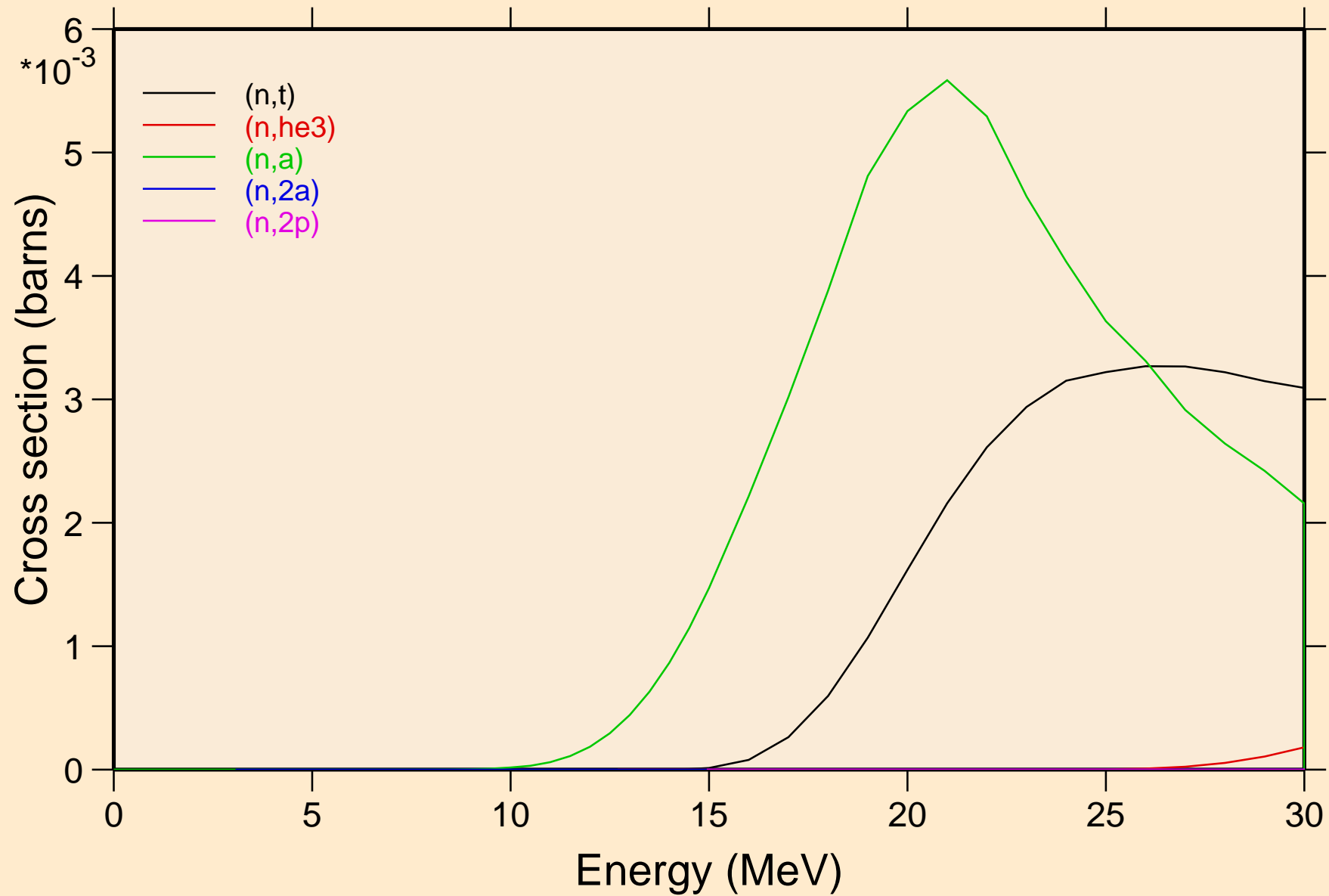
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions



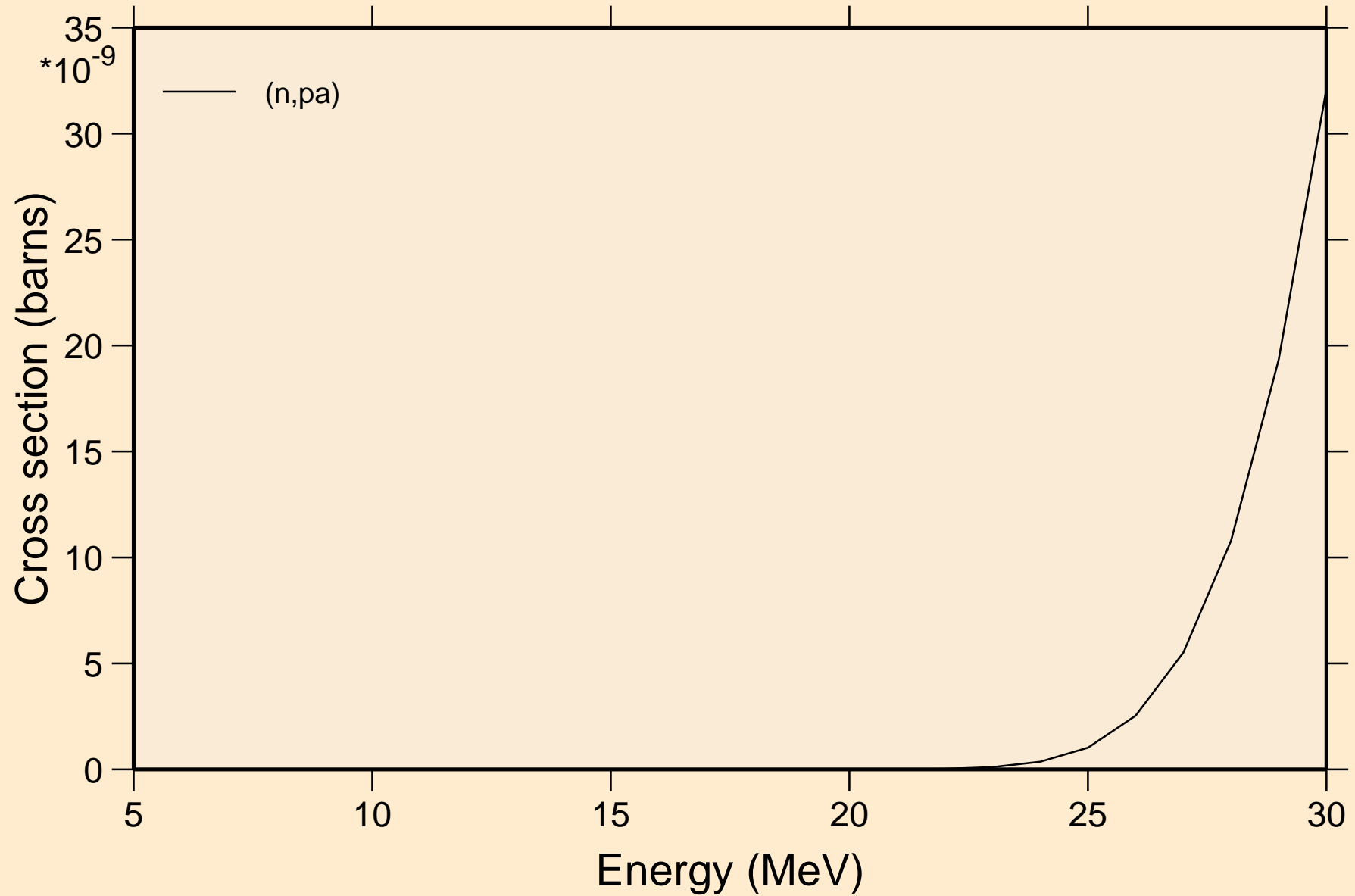
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions



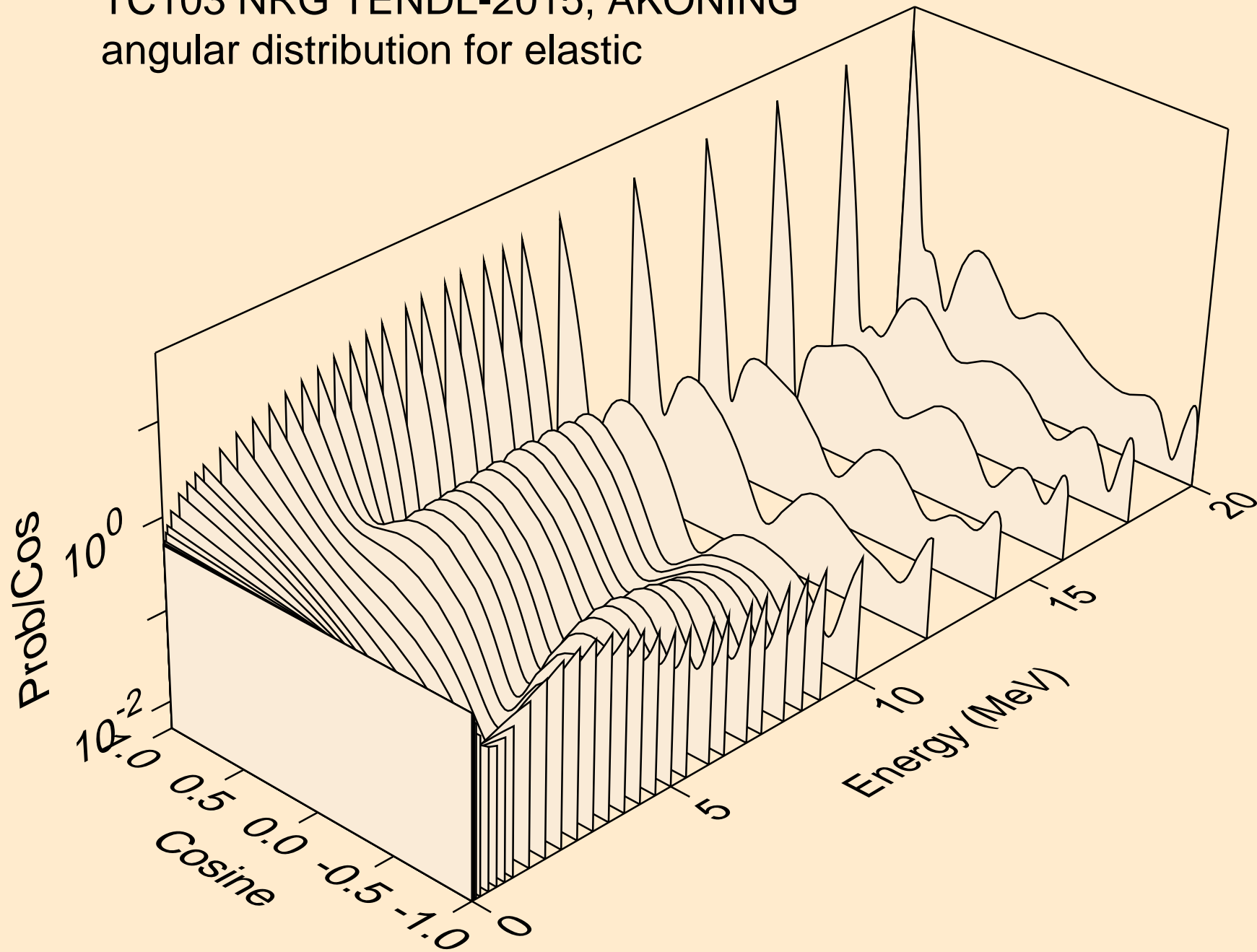
# TC103 NRG TENDL-2015, AKONING

## Threshold reactions

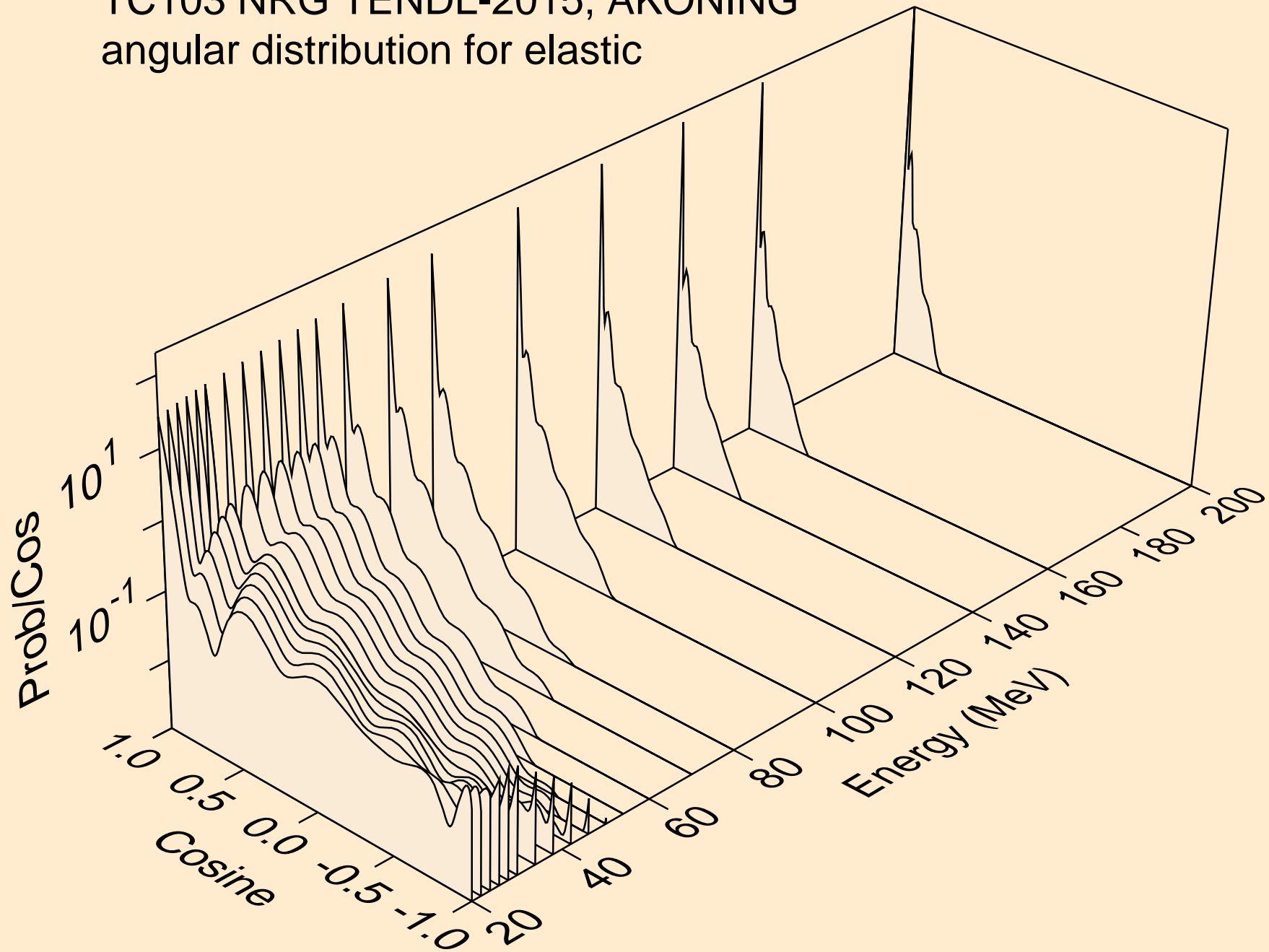




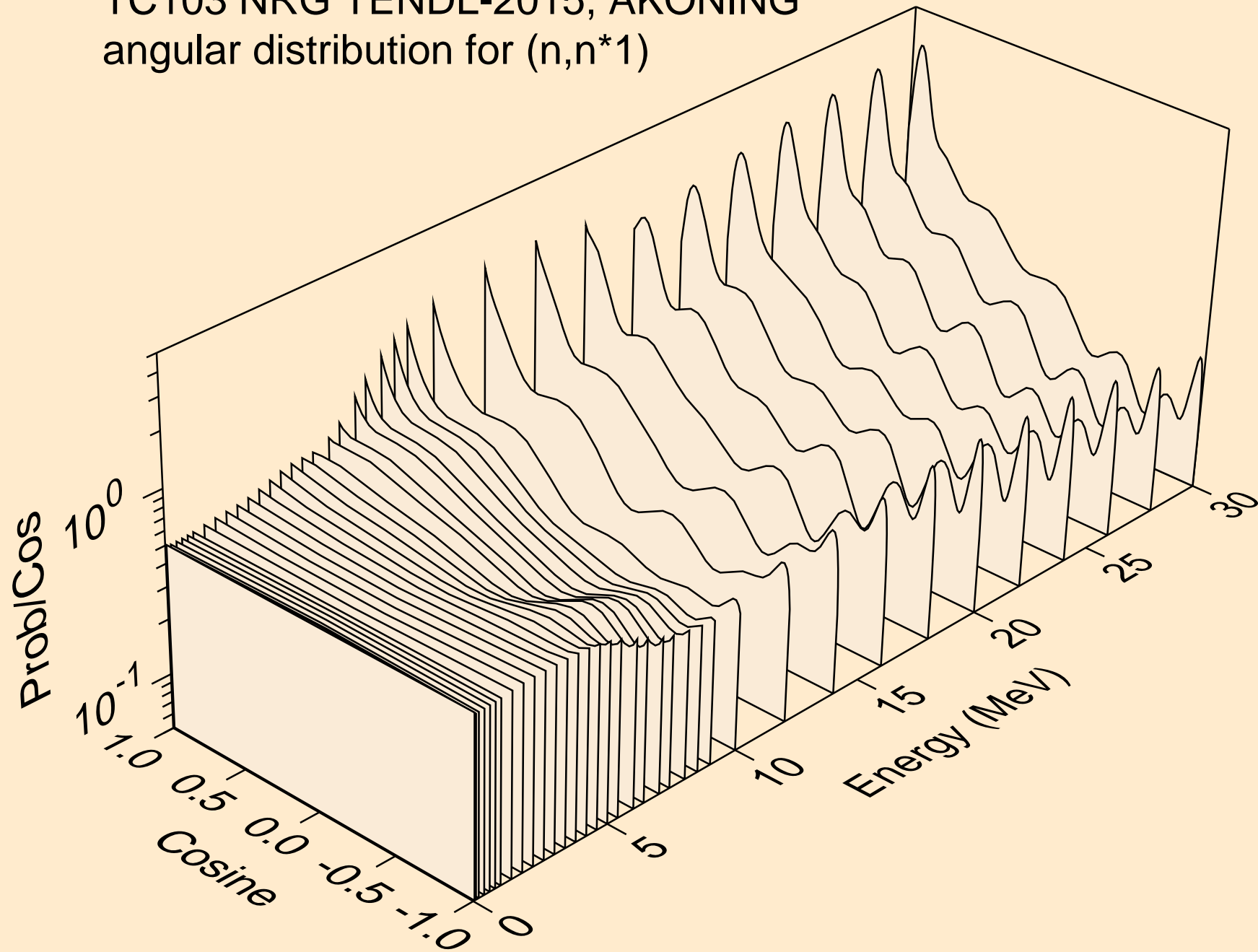
TC103 NRG TENDL-2015, AKONING  
angular distribution for elastic



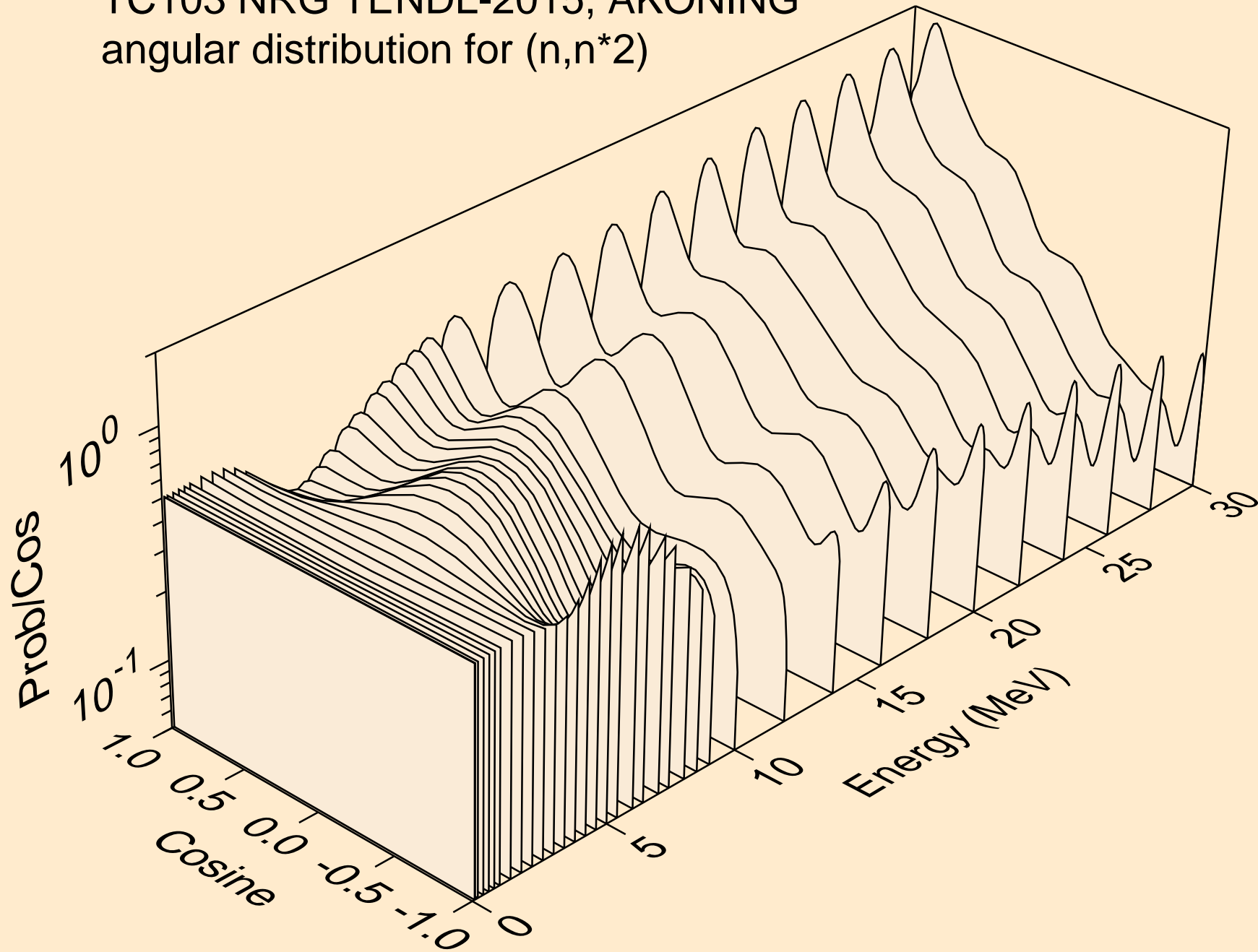
TC103 NRG TENDL-2015, AKONING  
angular distribution for elastic



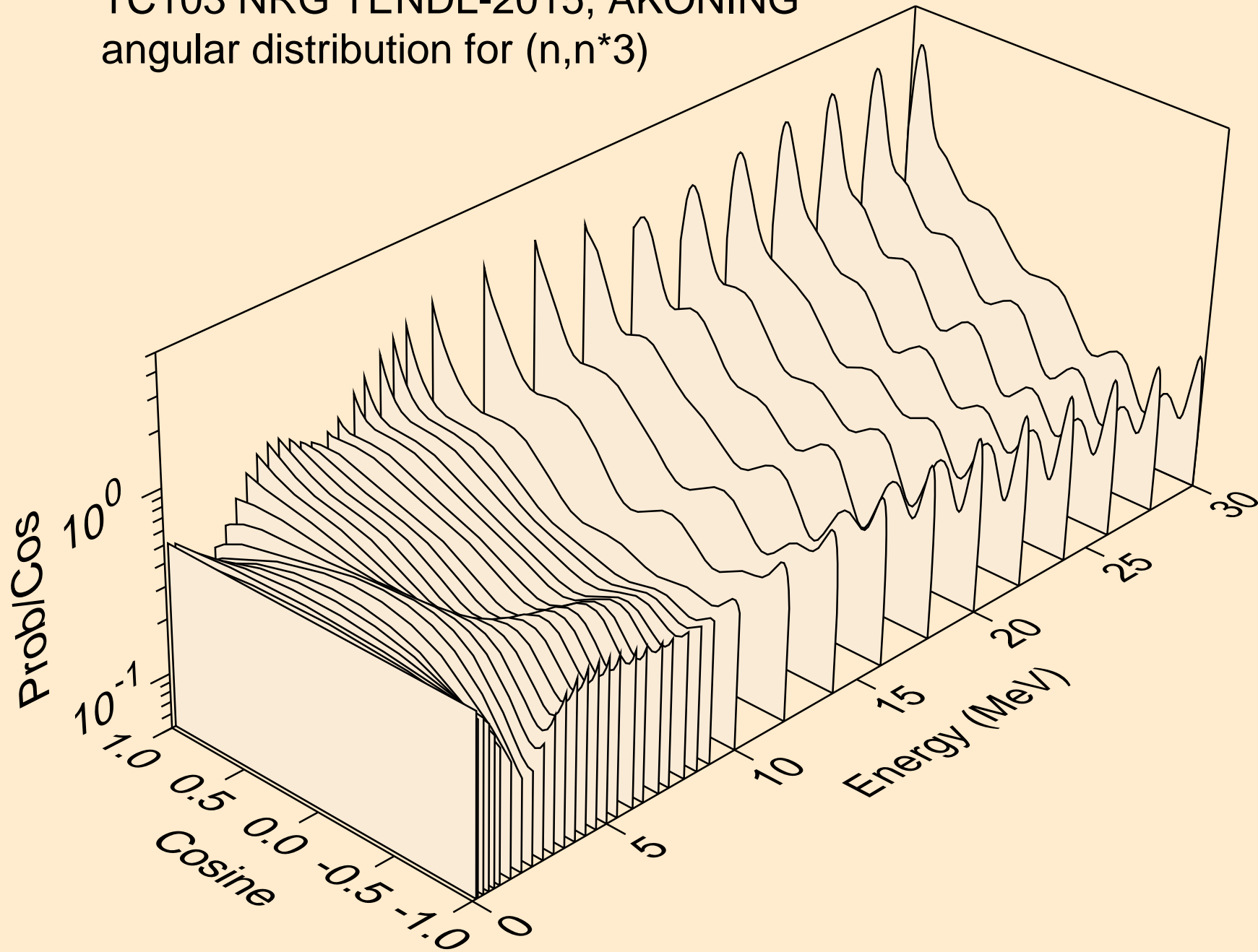
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



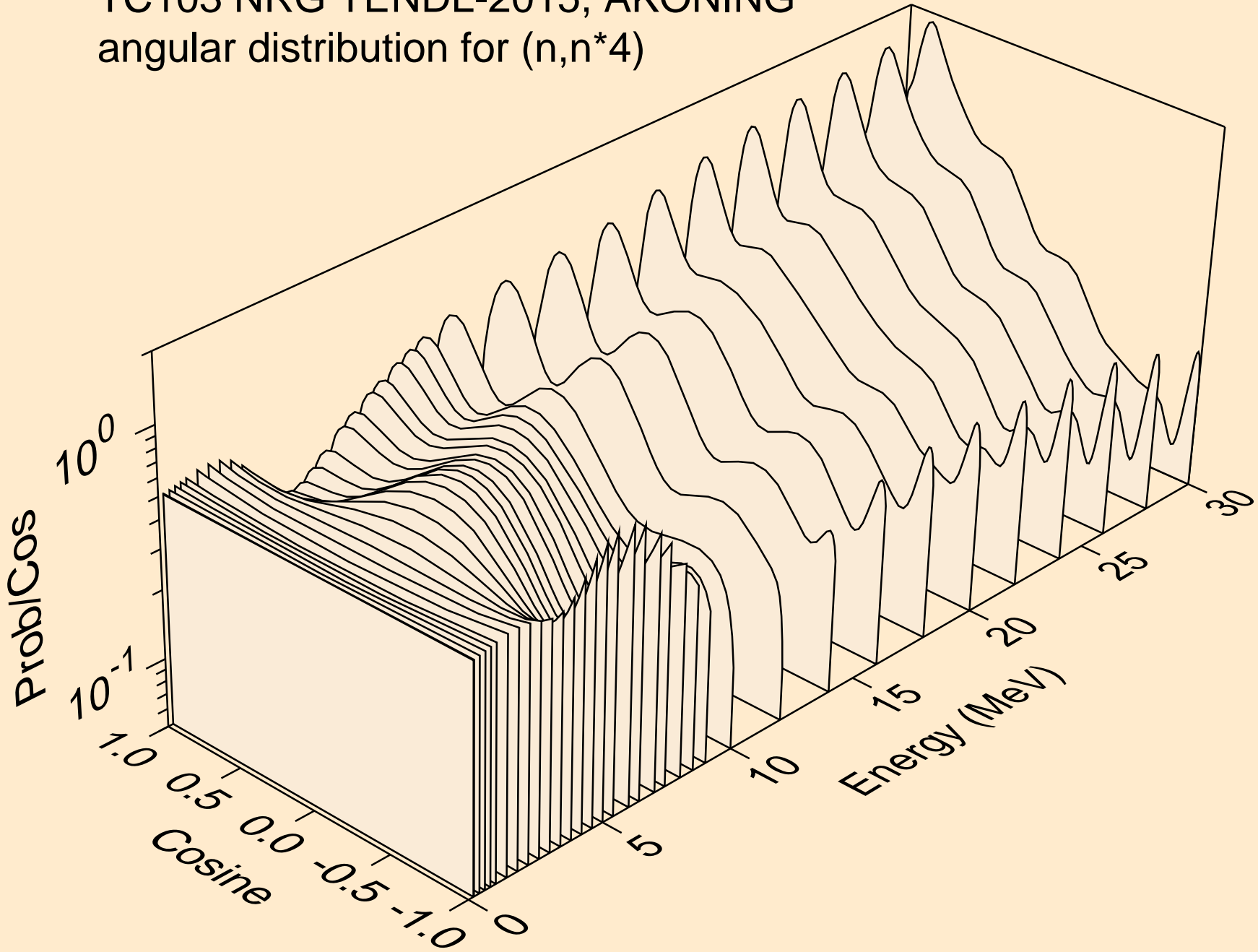
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



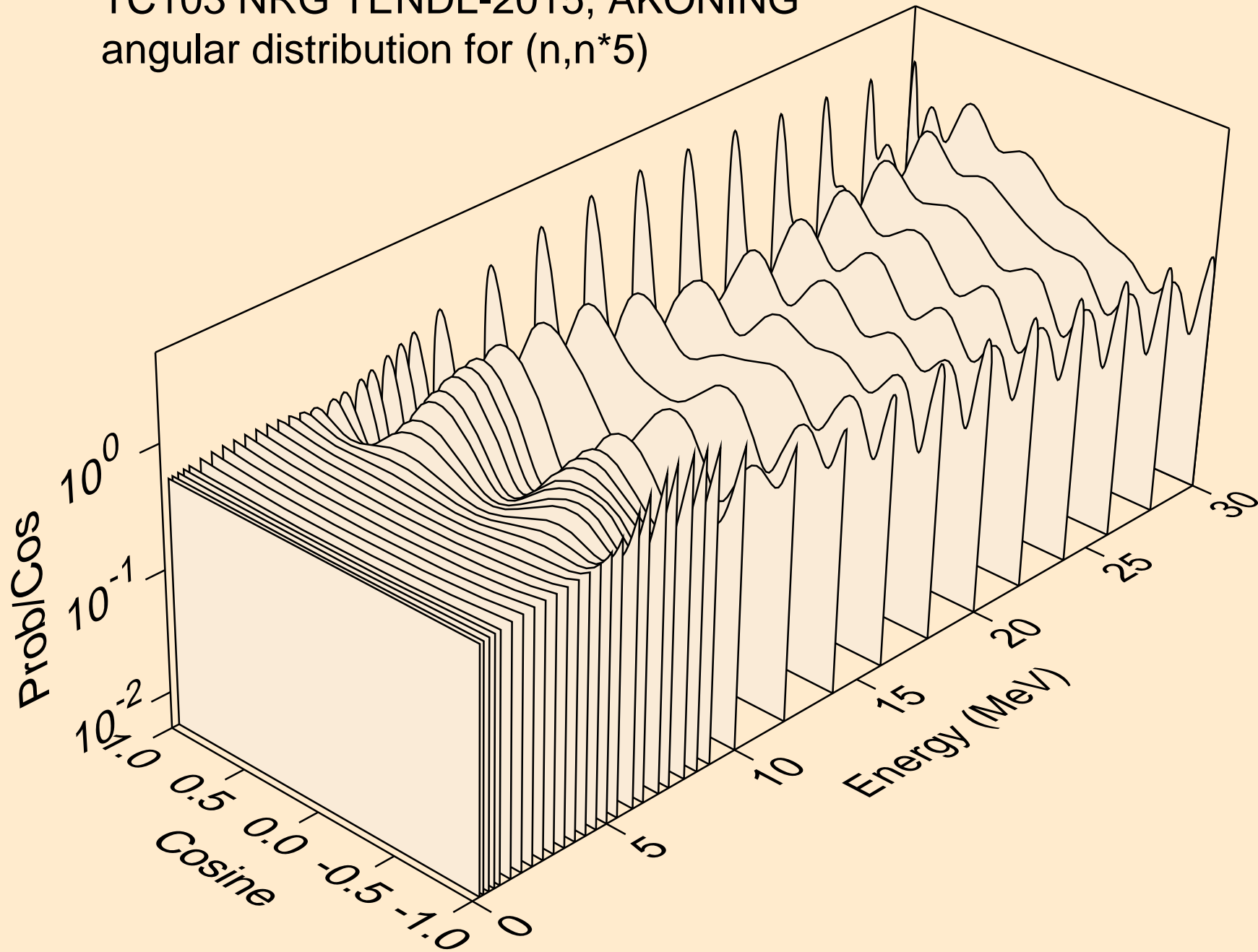
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



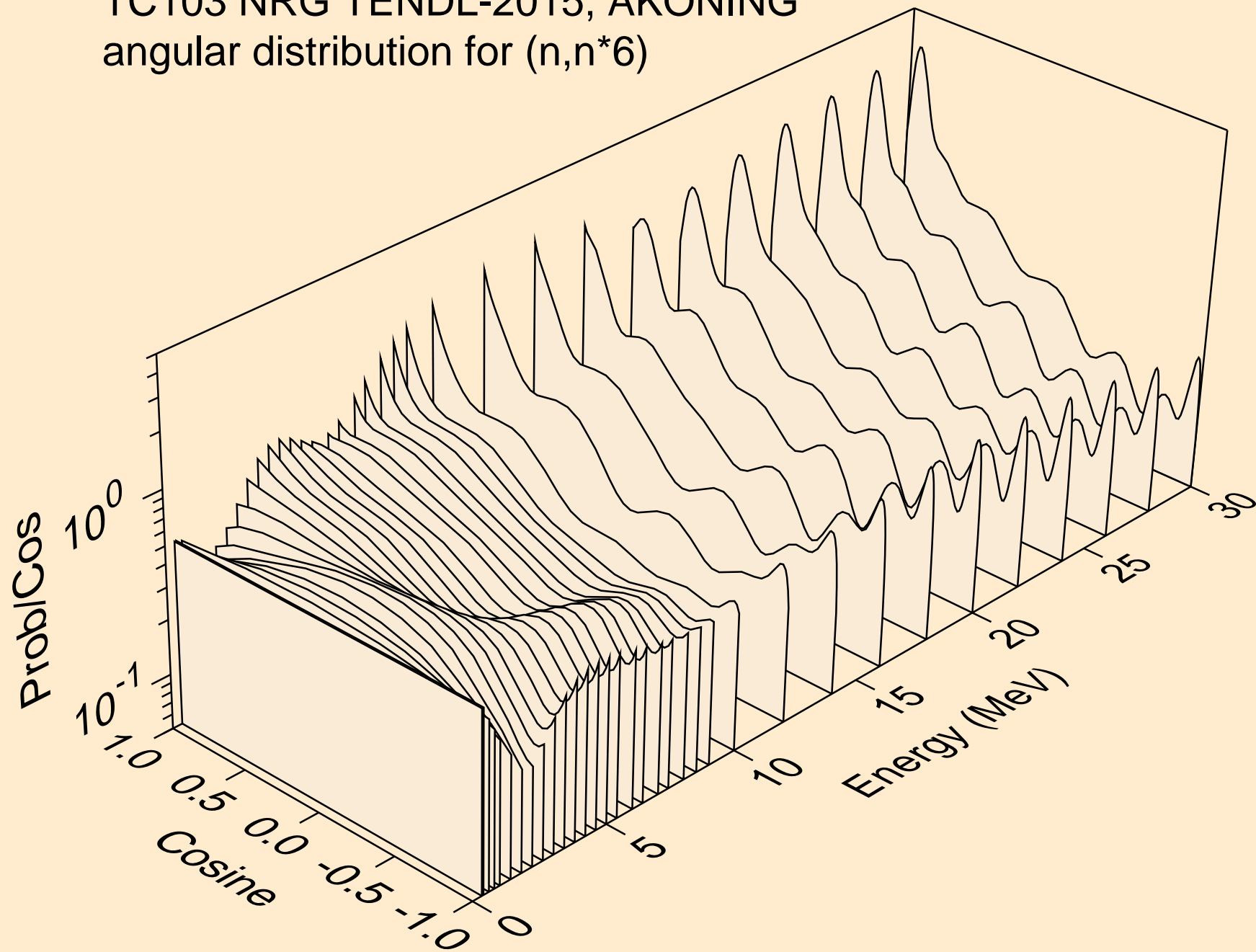
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

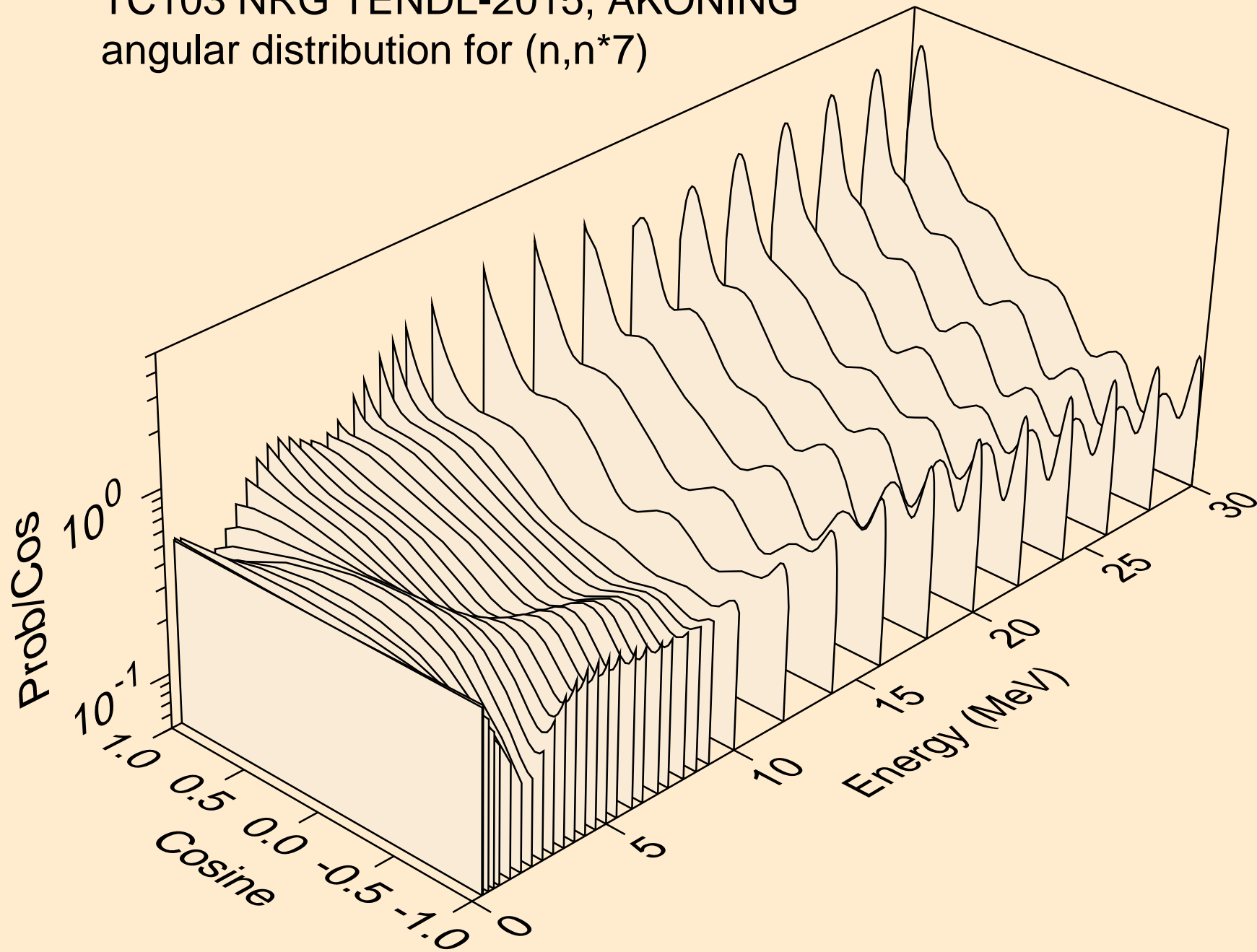


TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

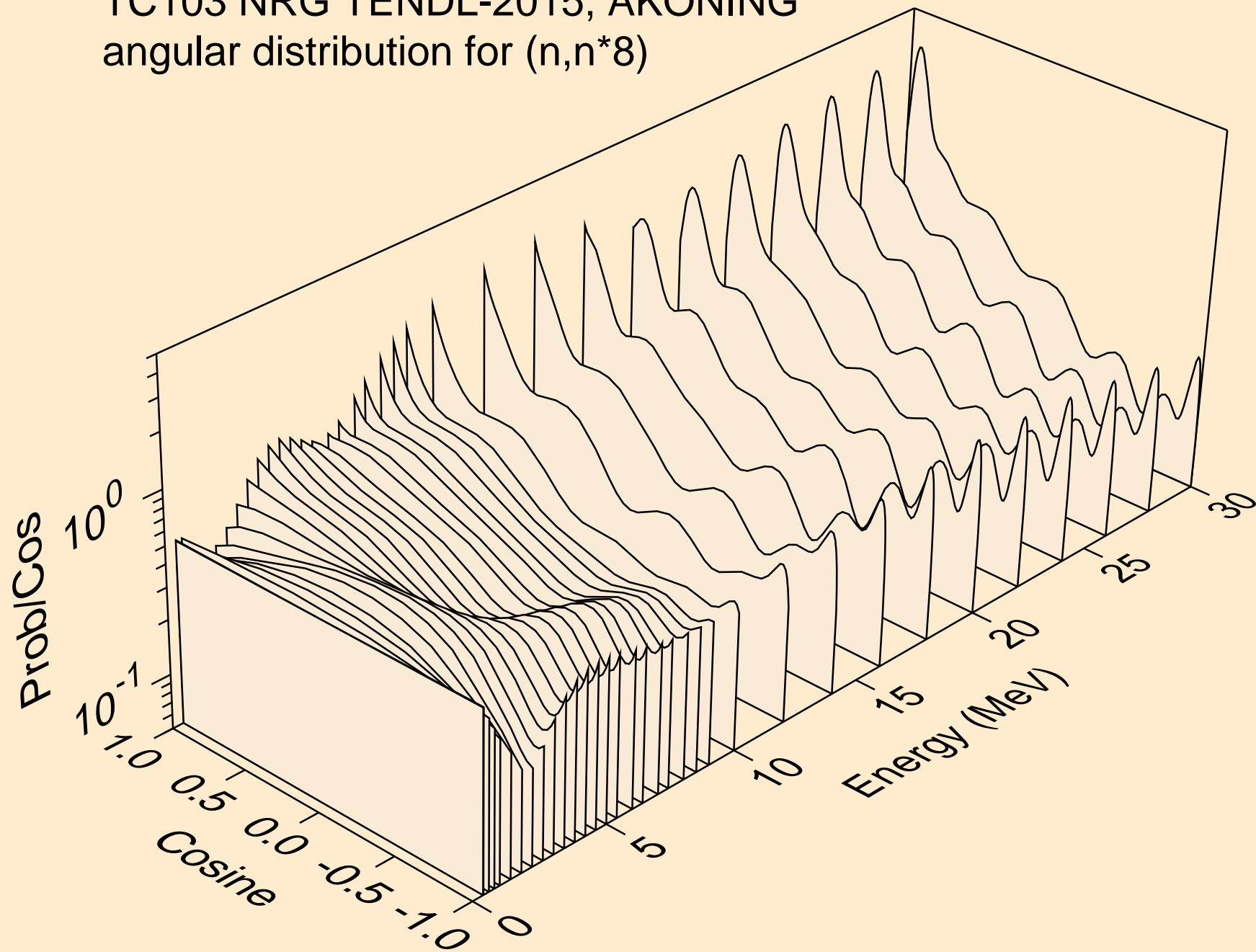




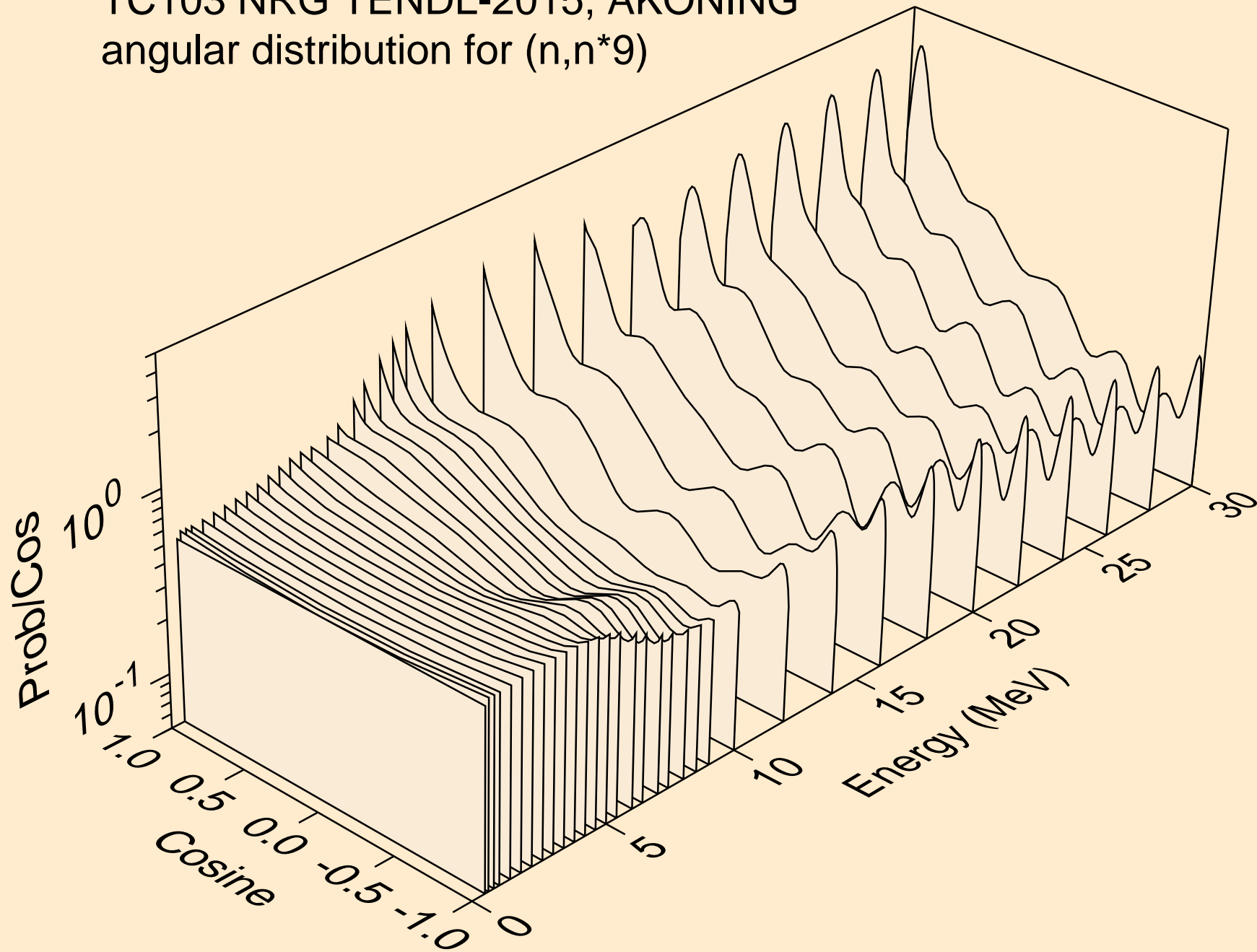
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



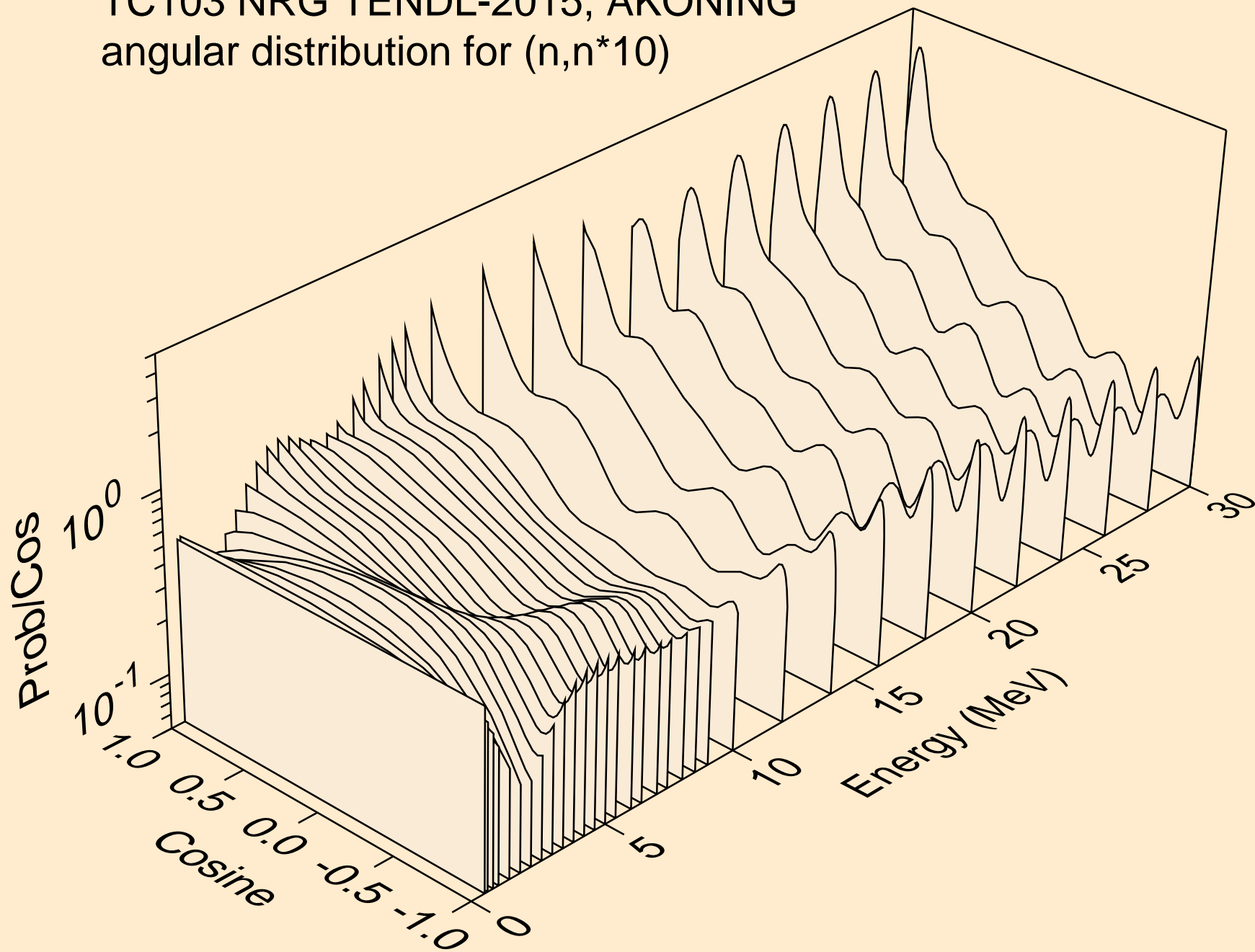
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



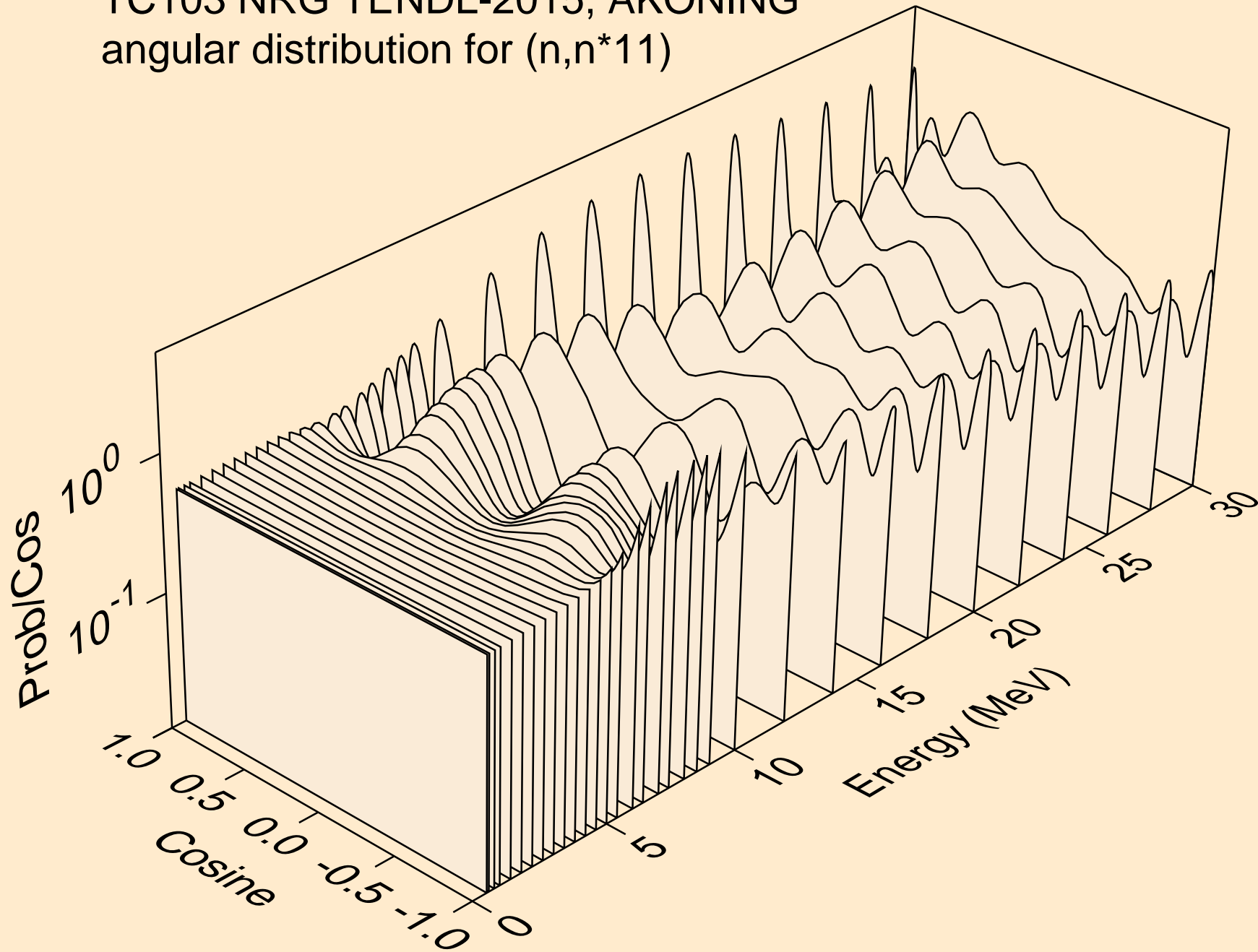
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



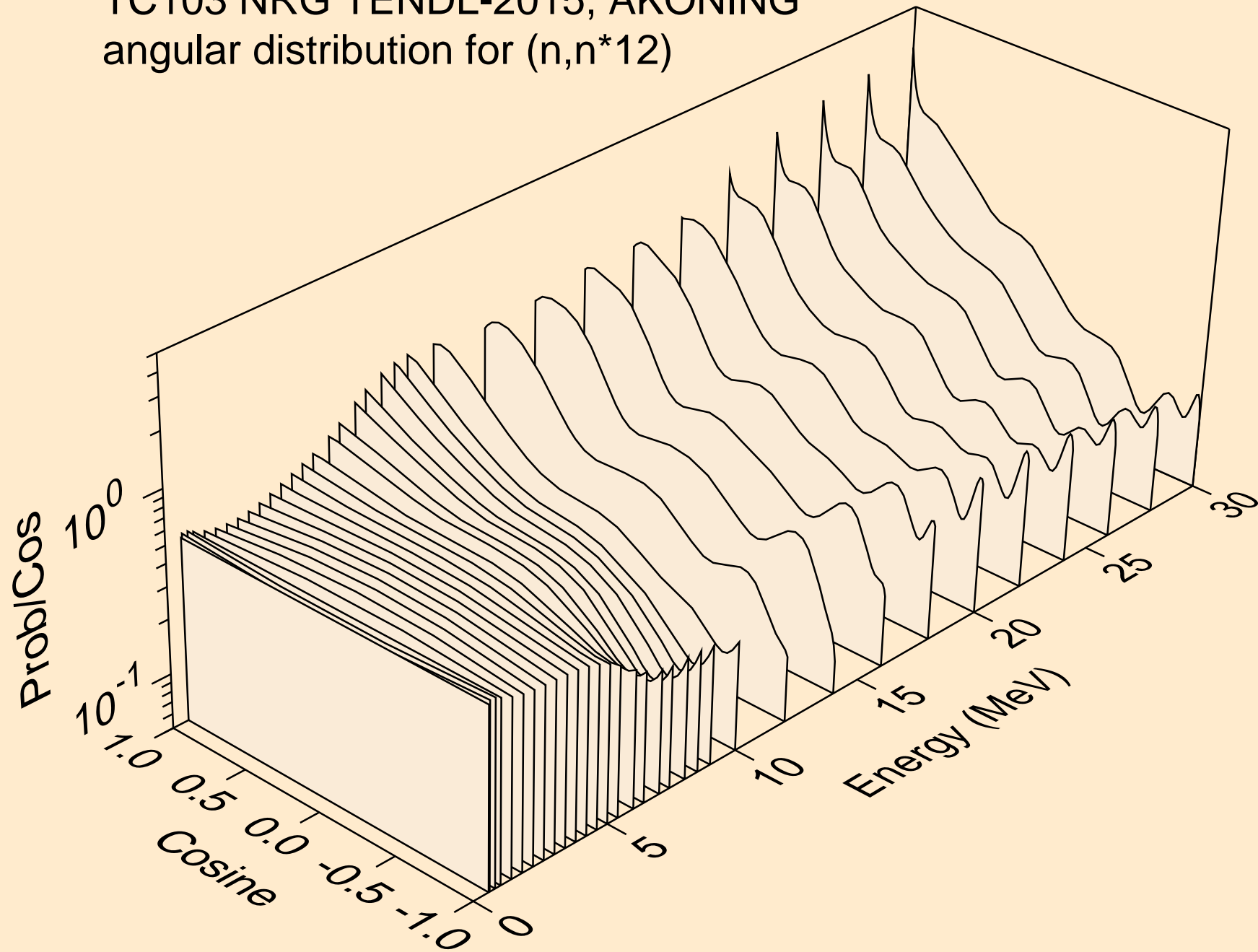
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



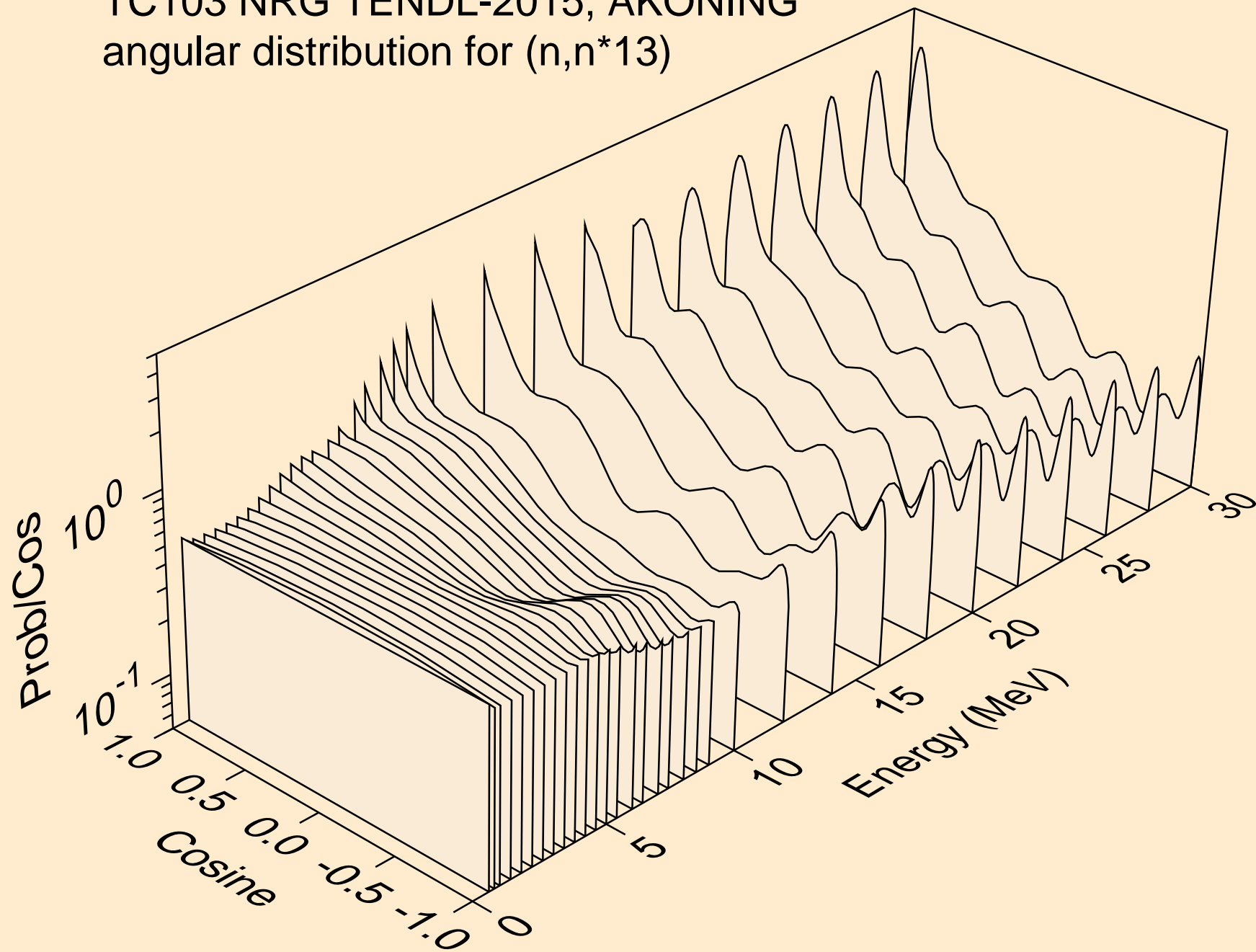
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



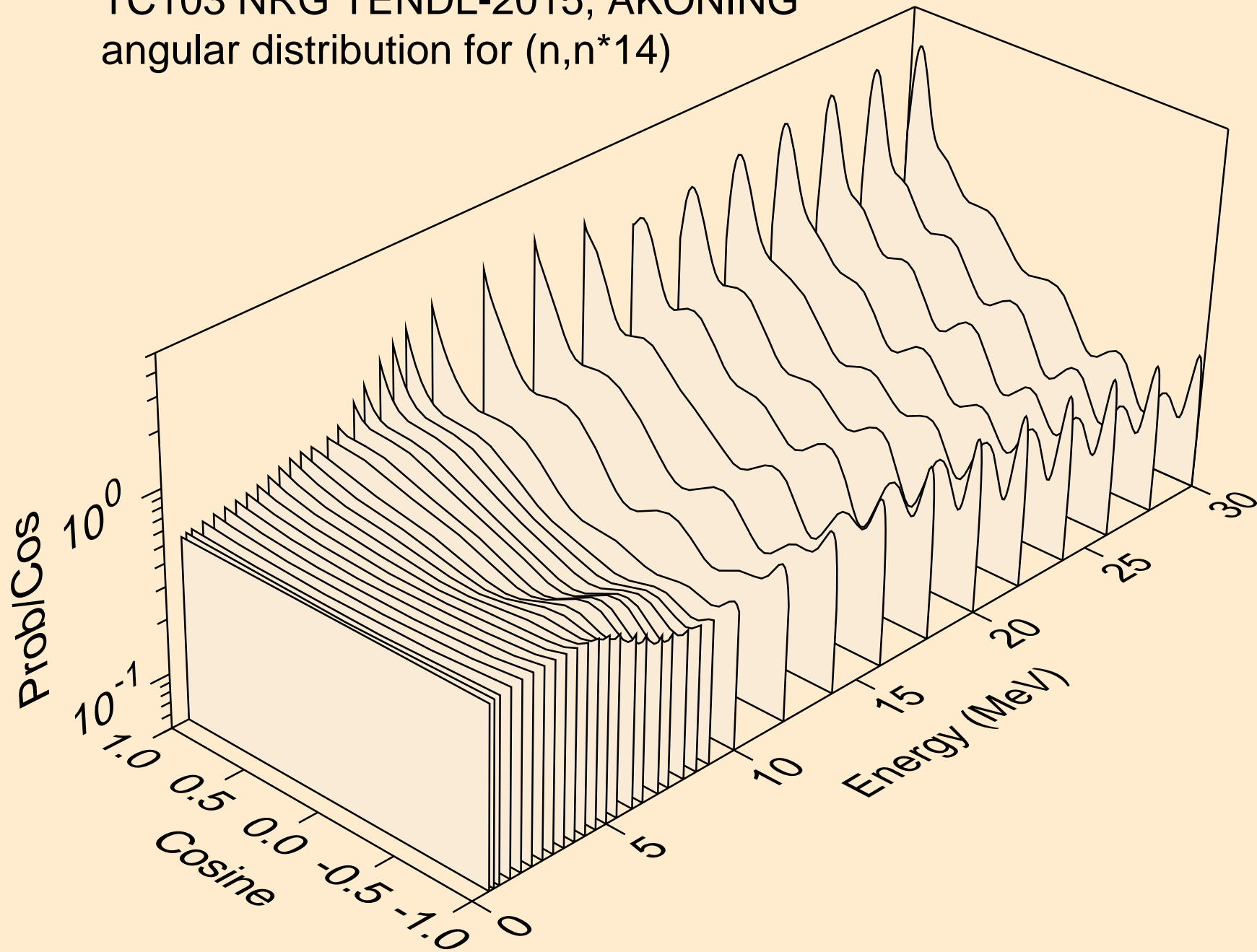
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

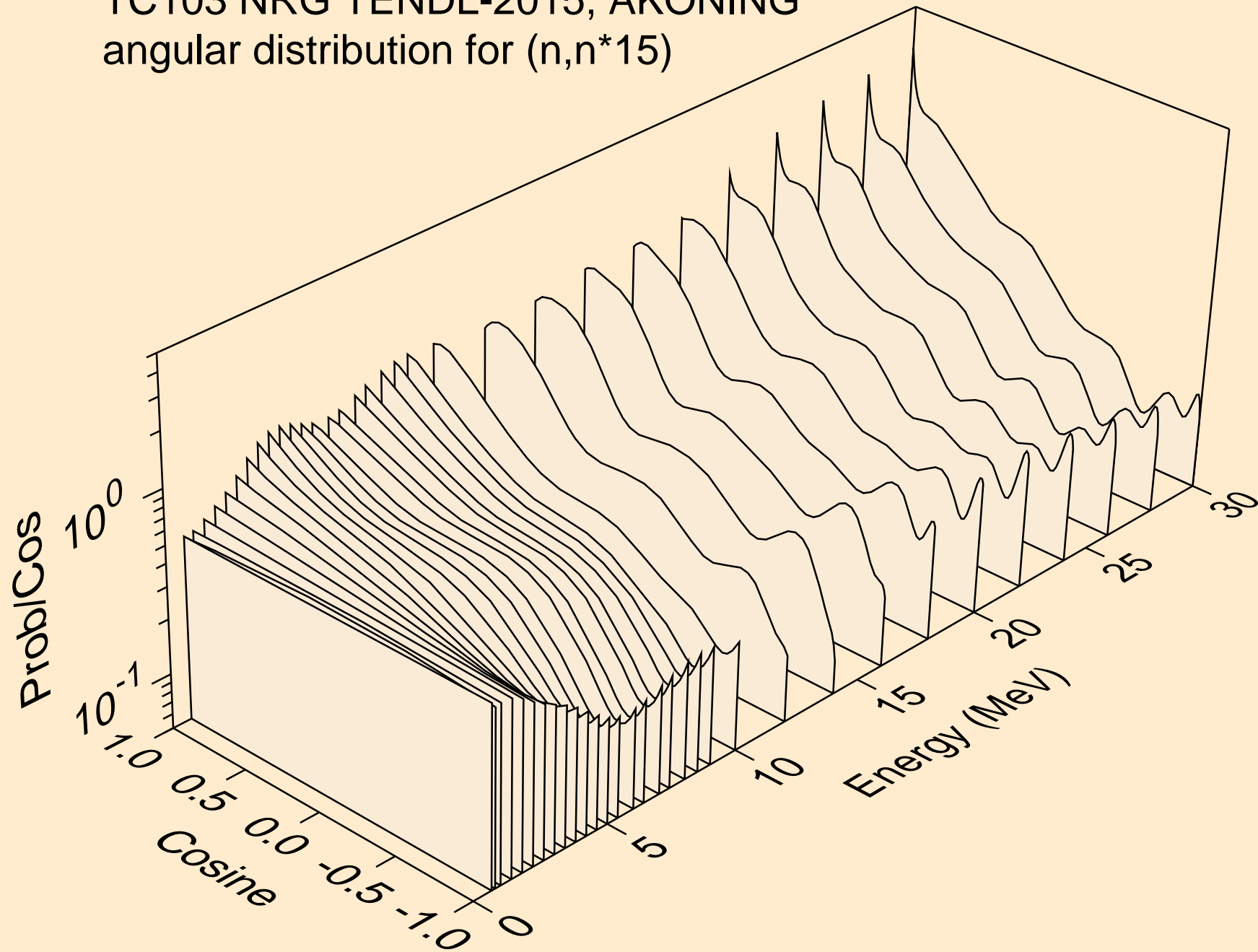


TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

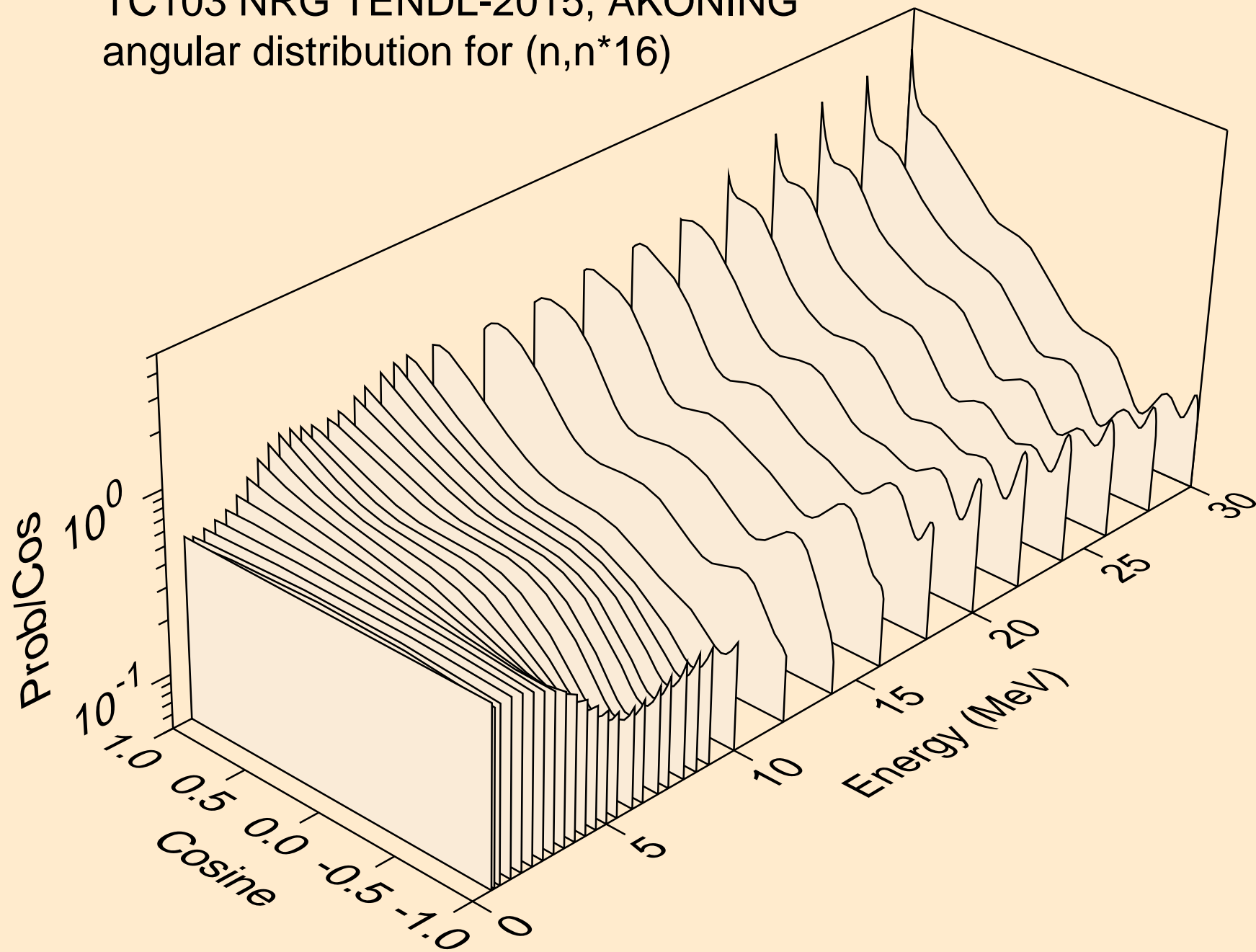




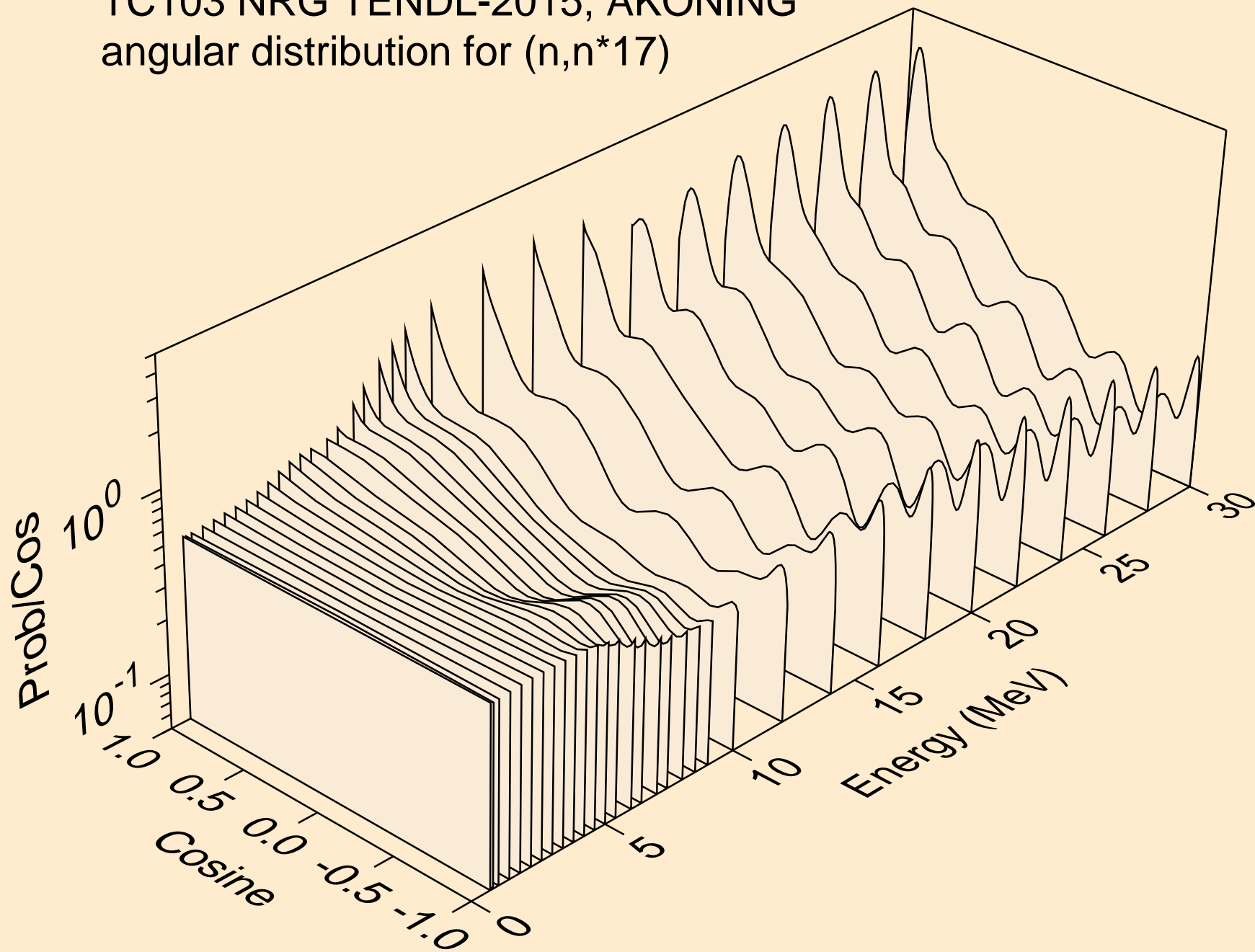
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



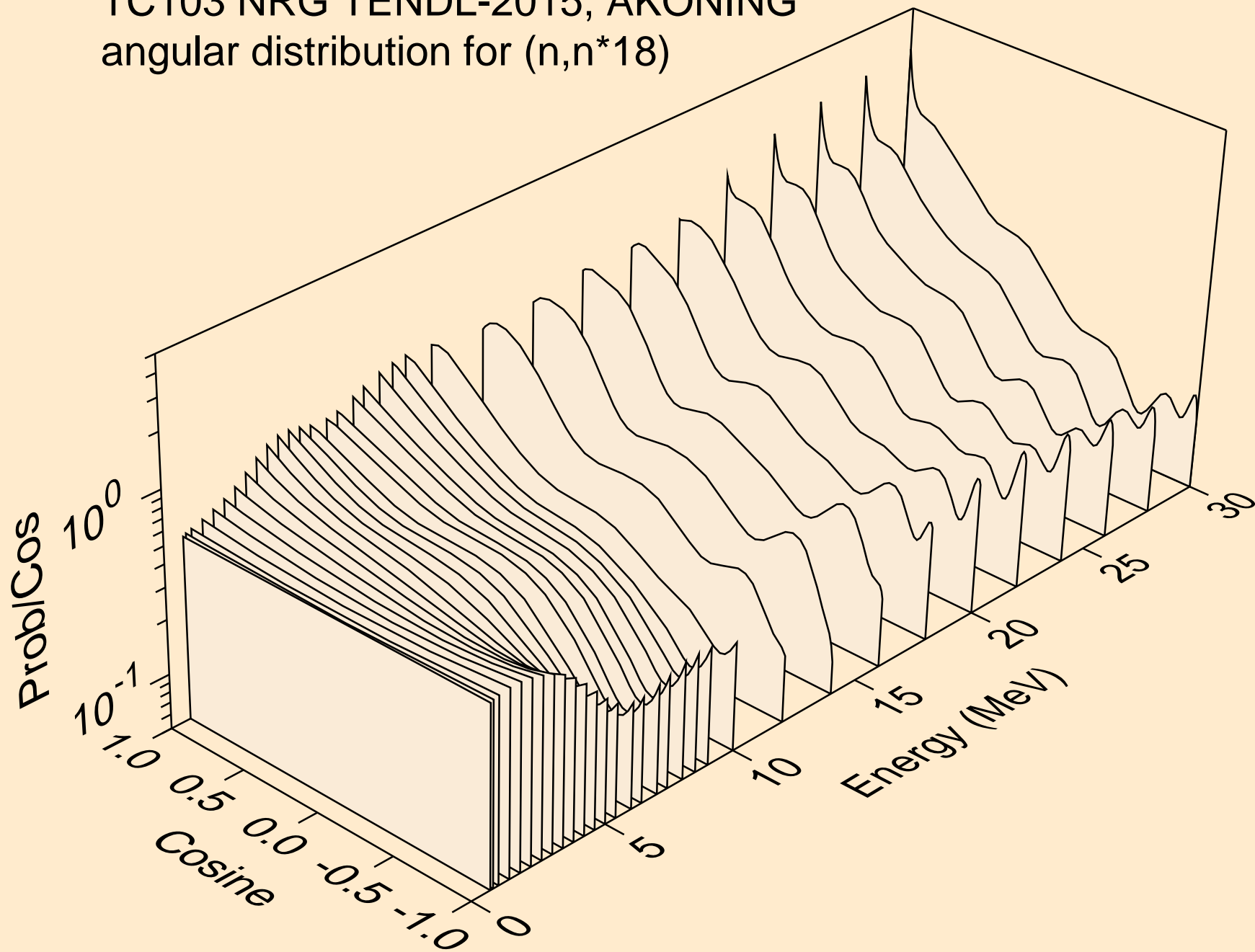
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



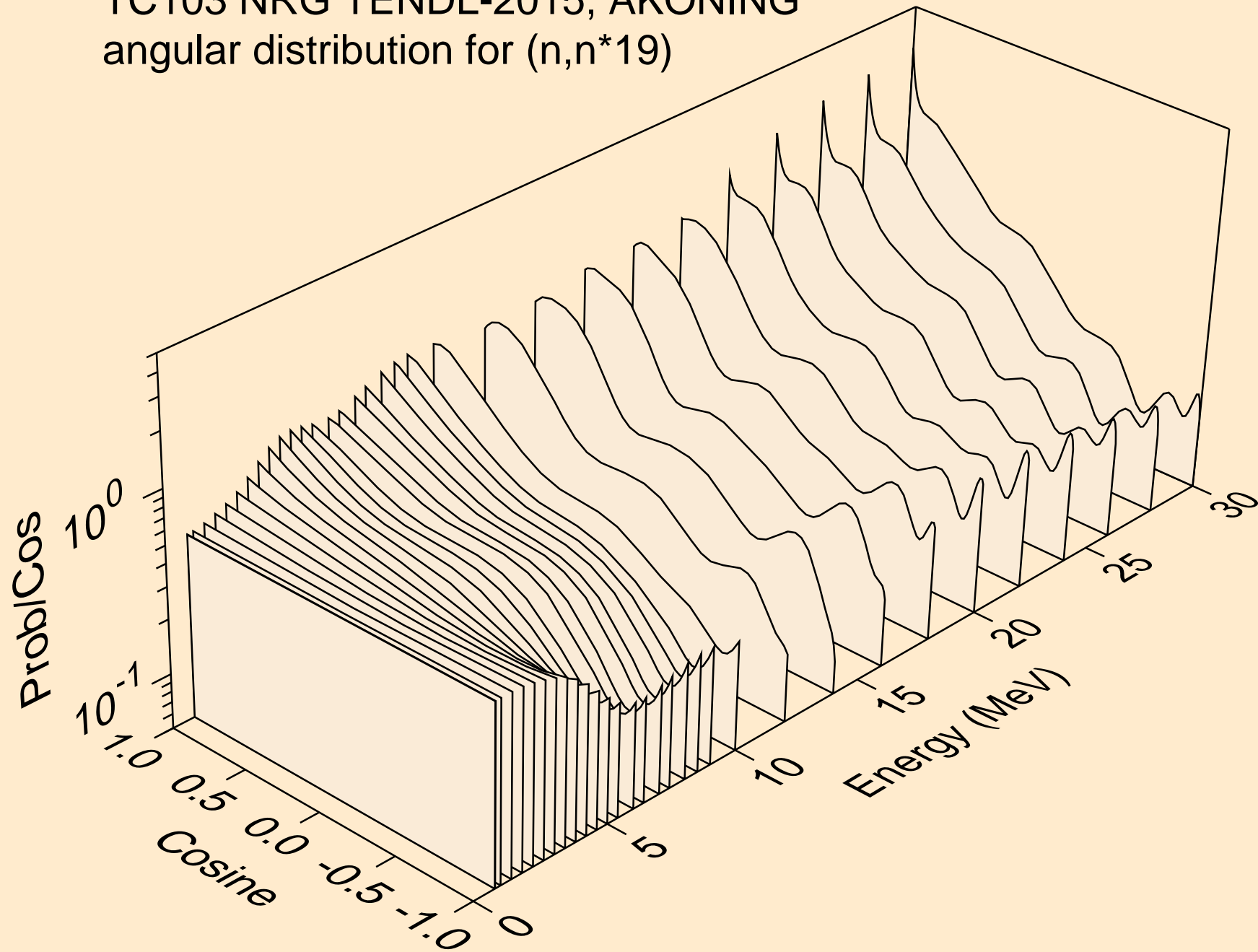
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



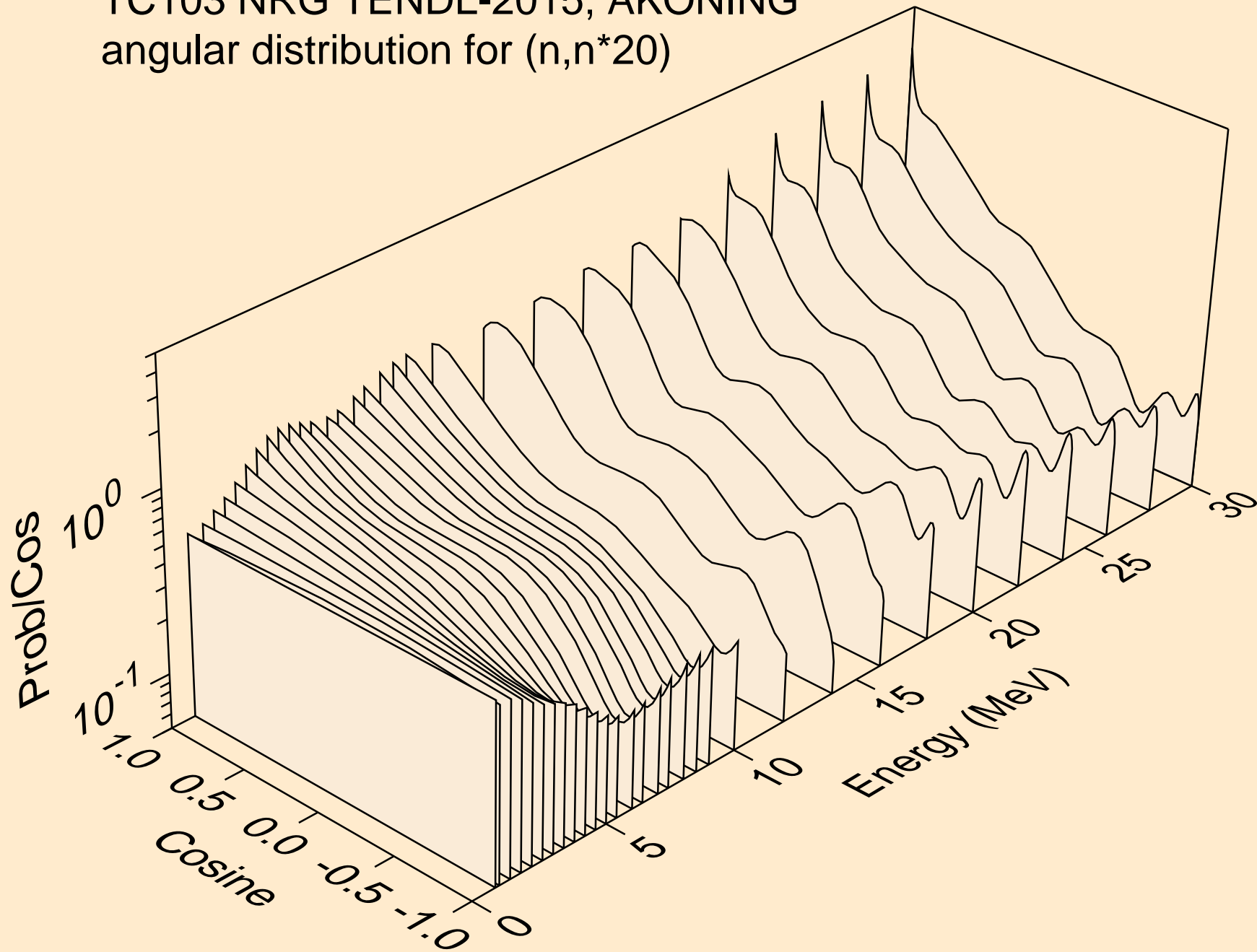
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



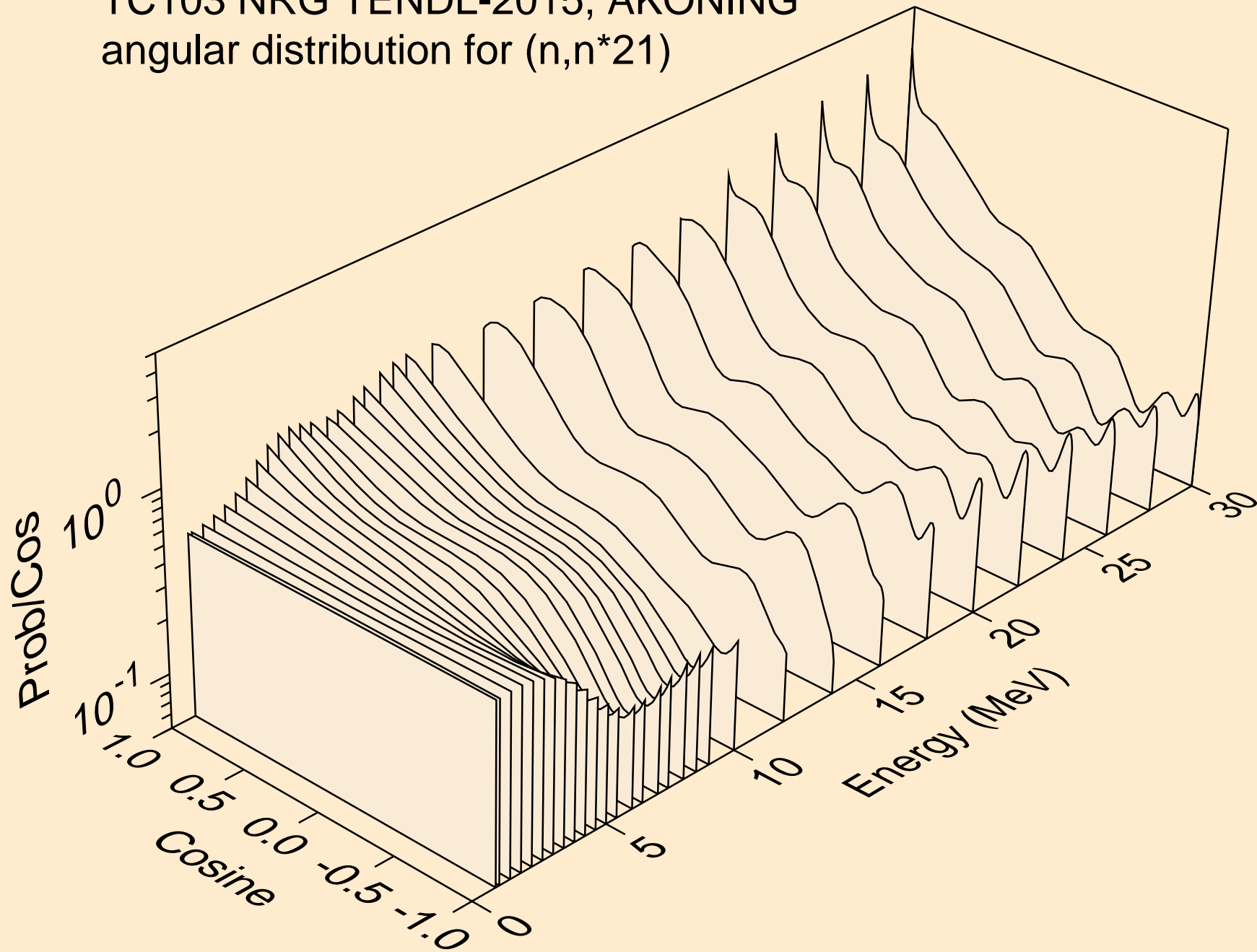
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



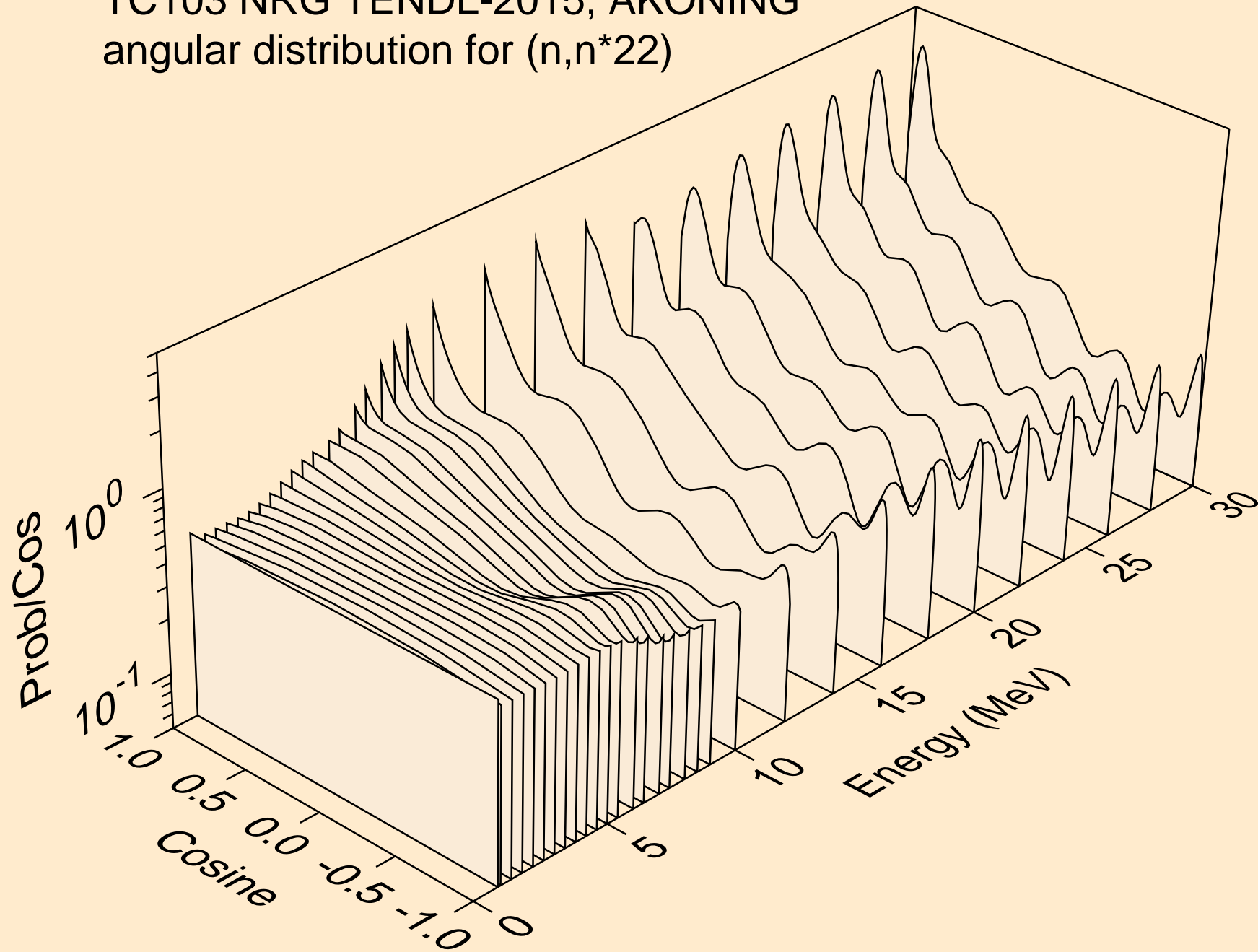
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

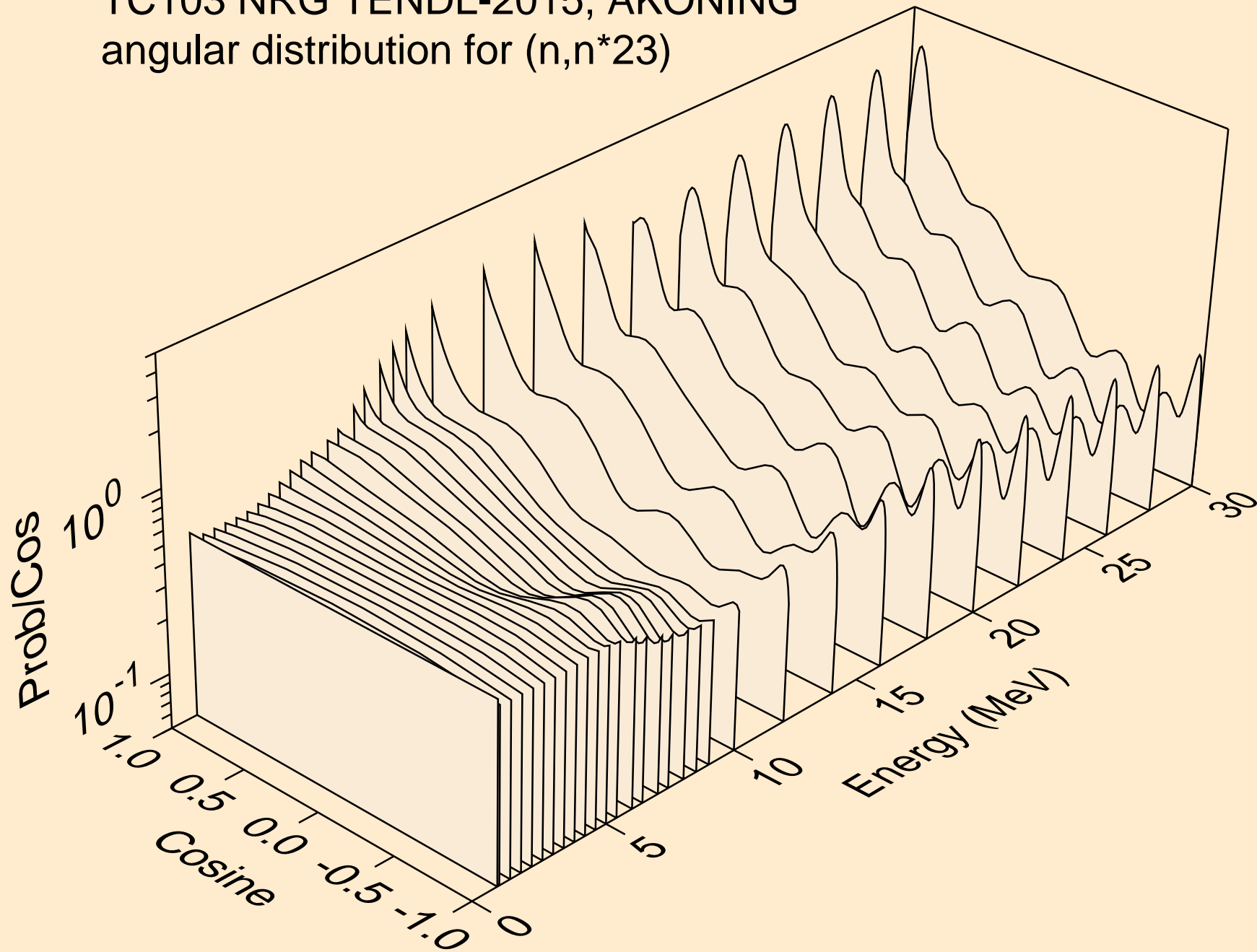


TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

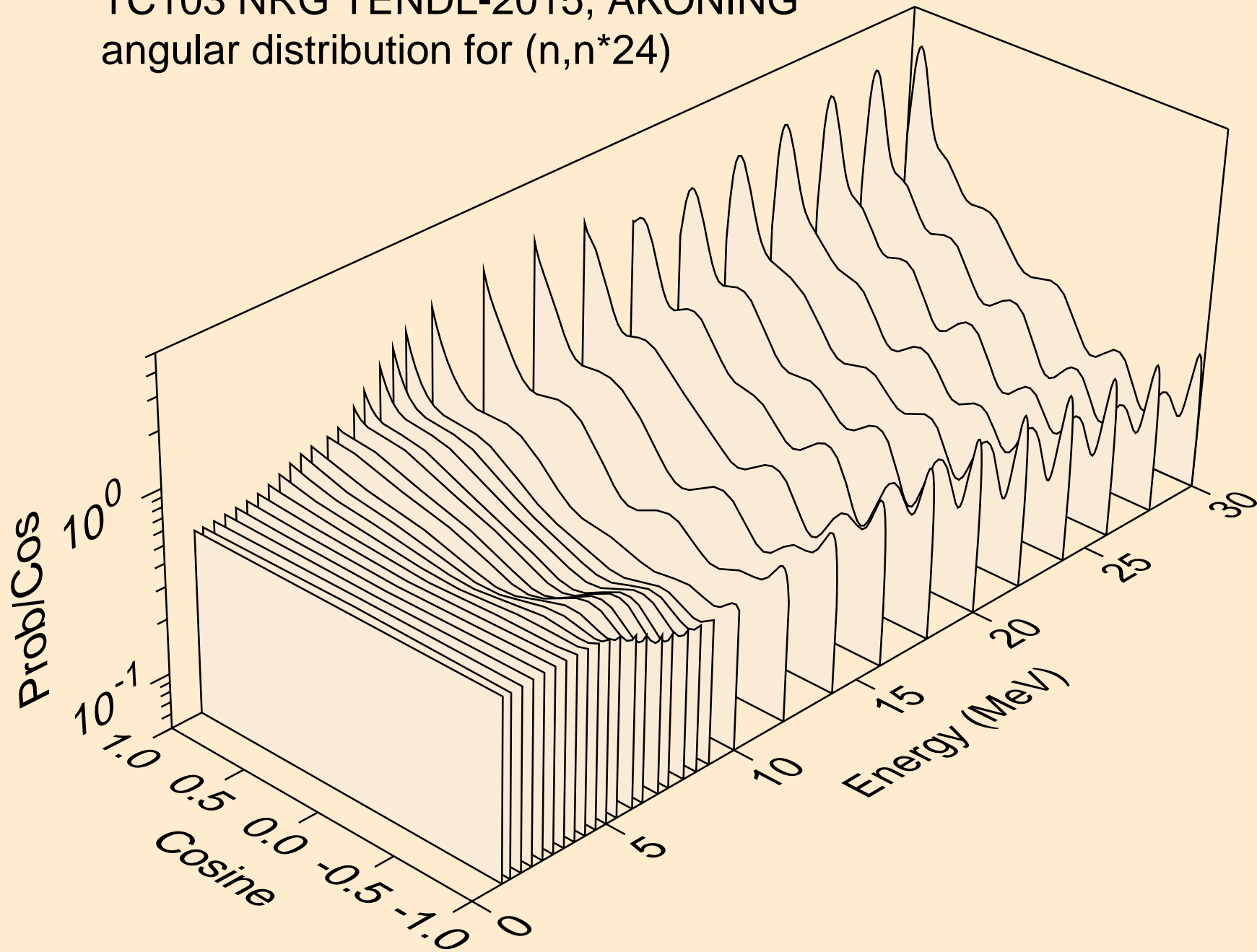




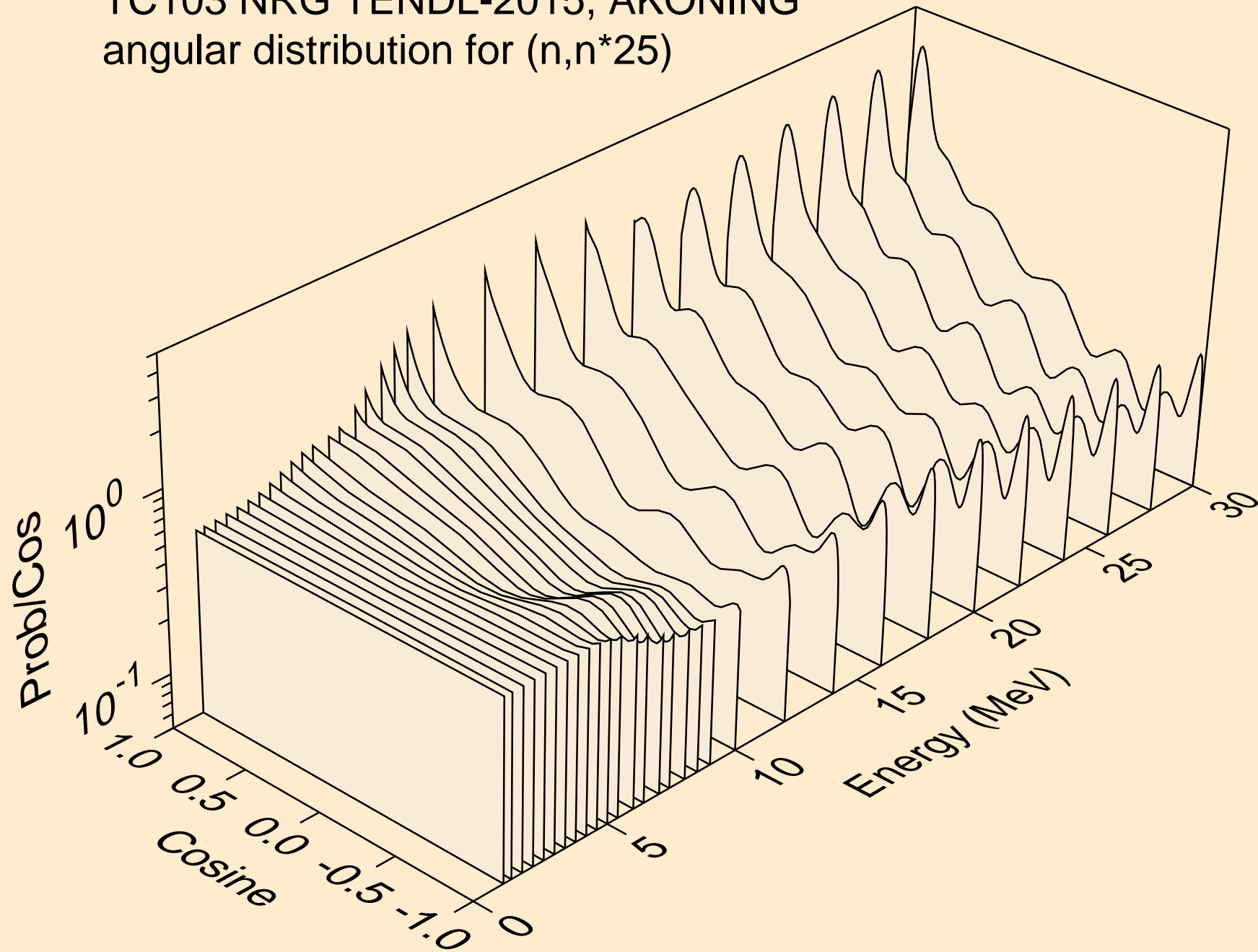
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



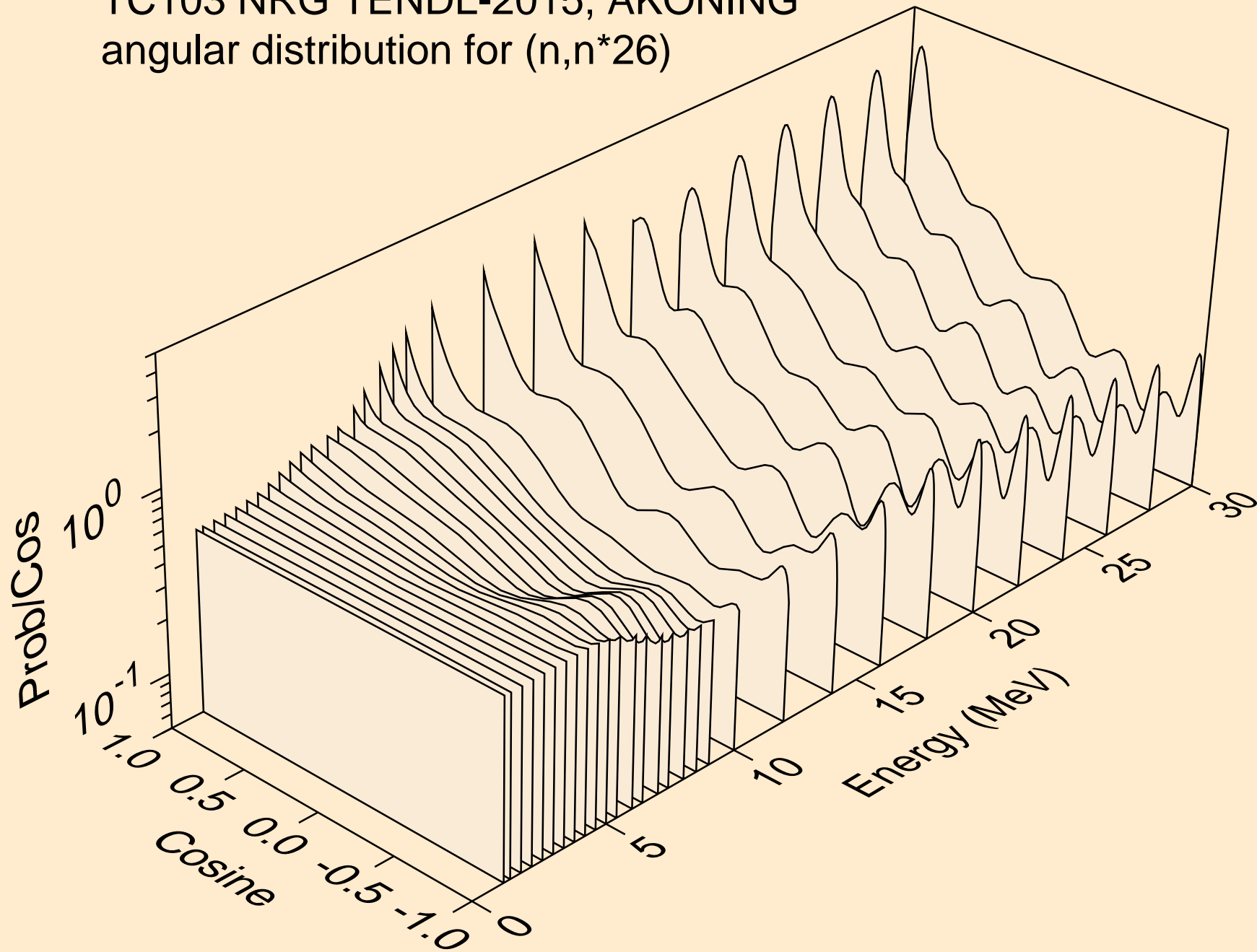
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



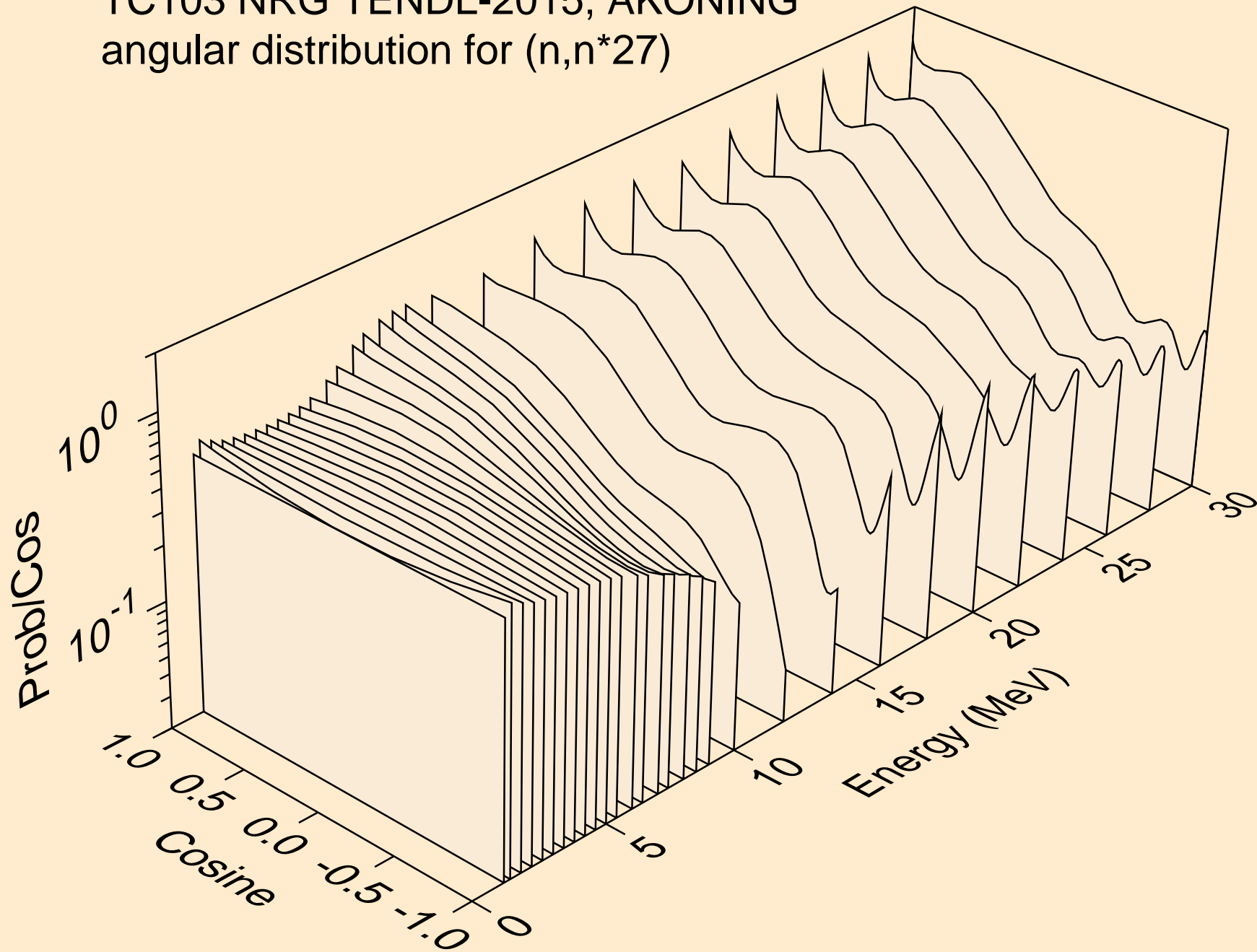
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



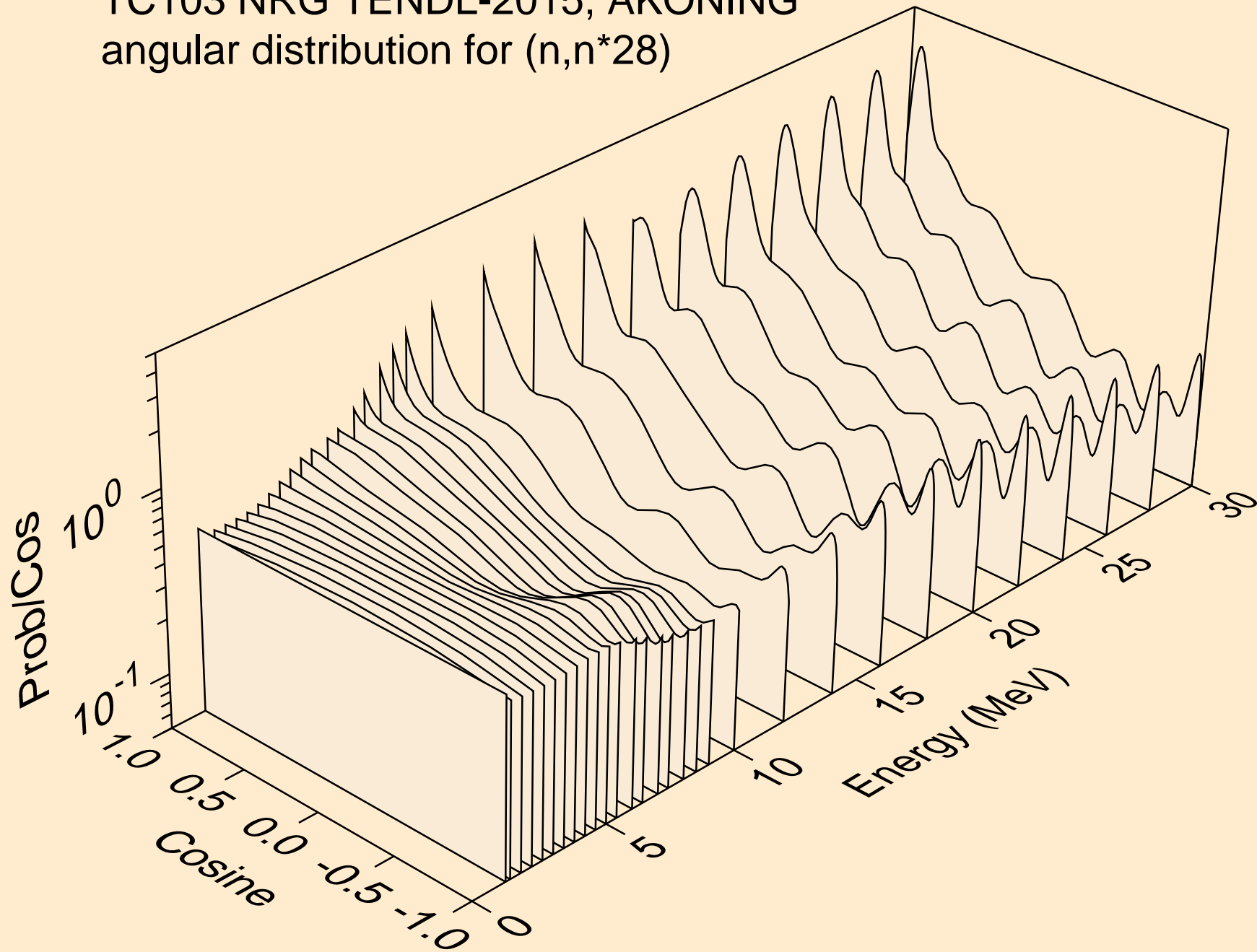
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



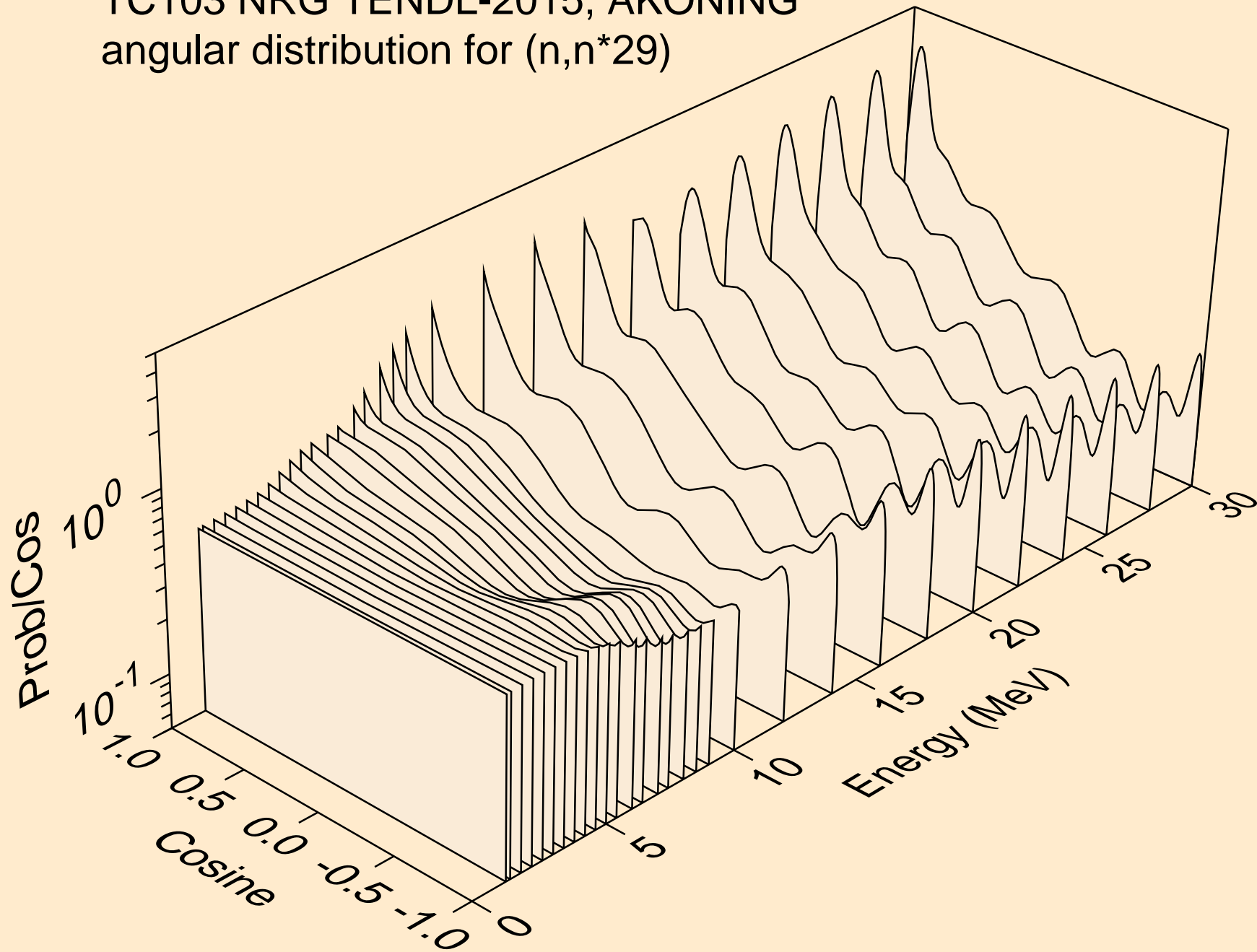
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



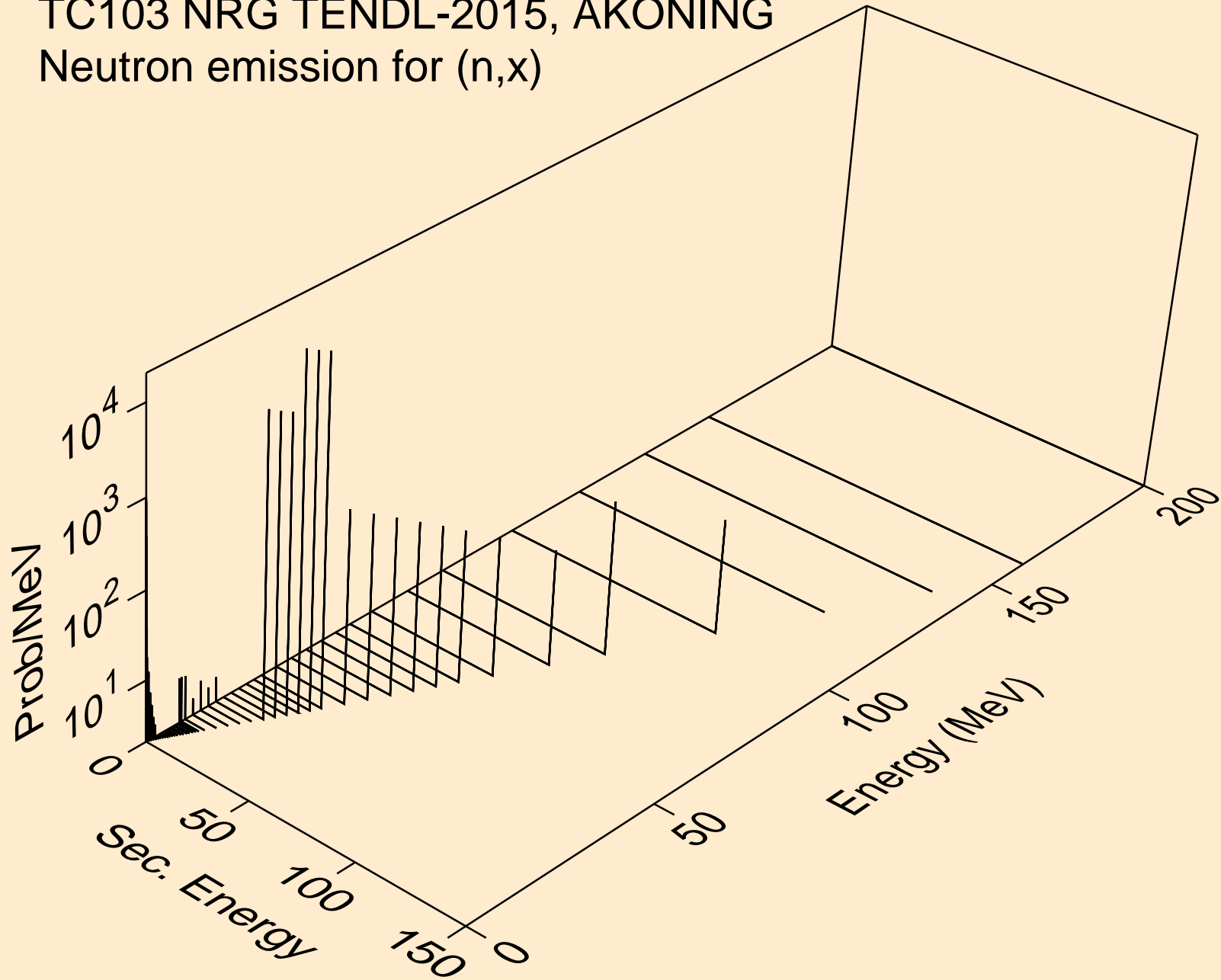
TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



TC103 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

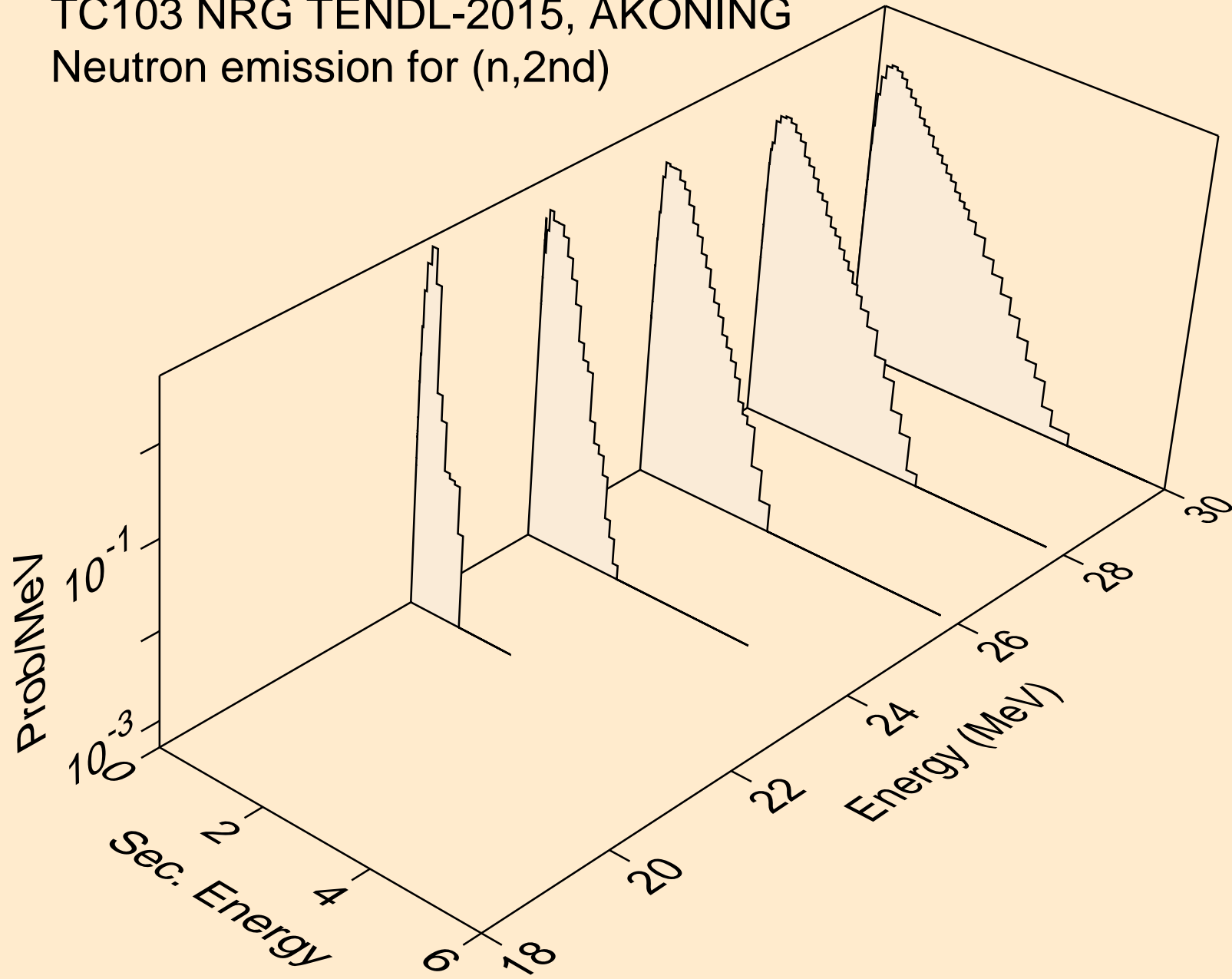


TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

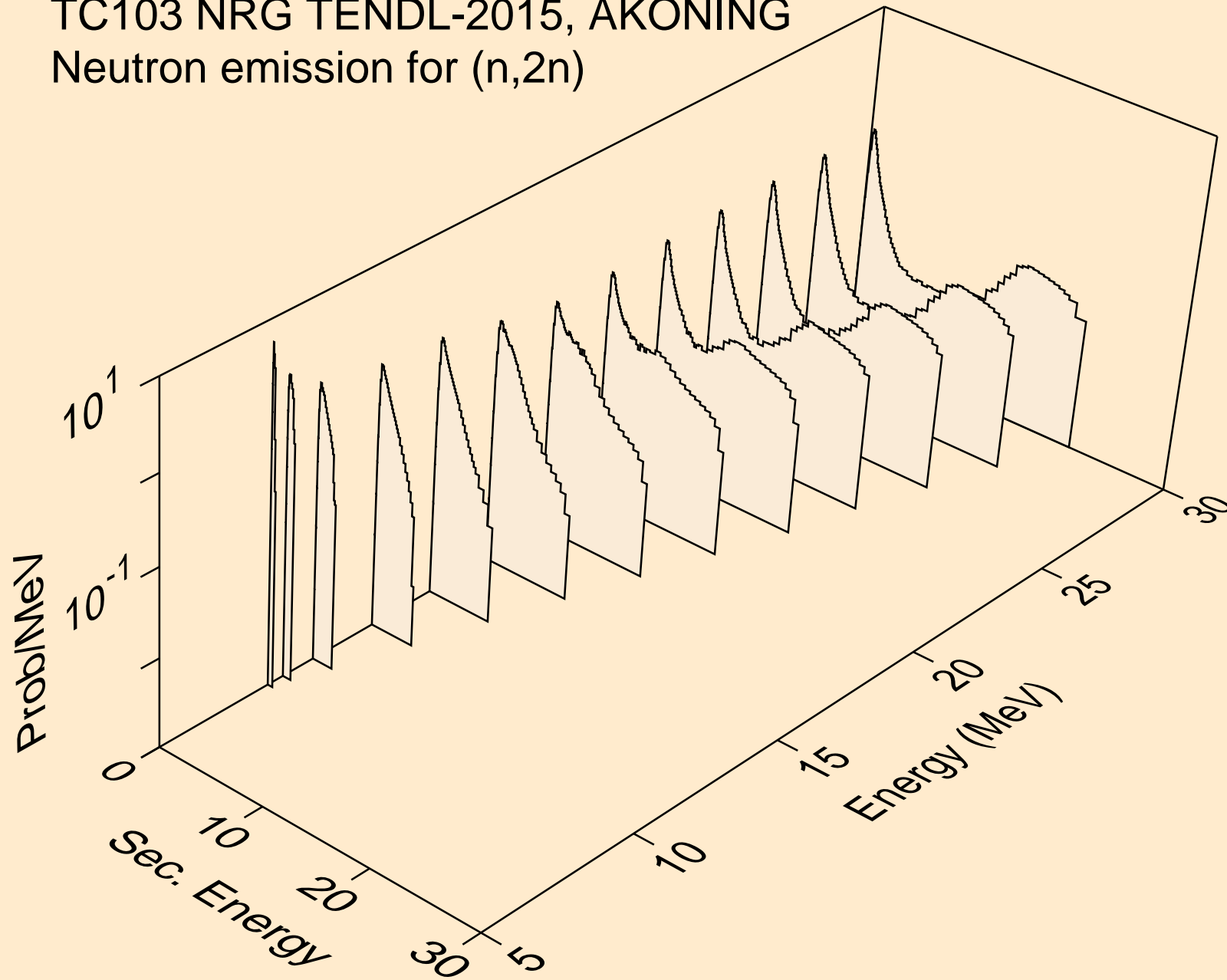




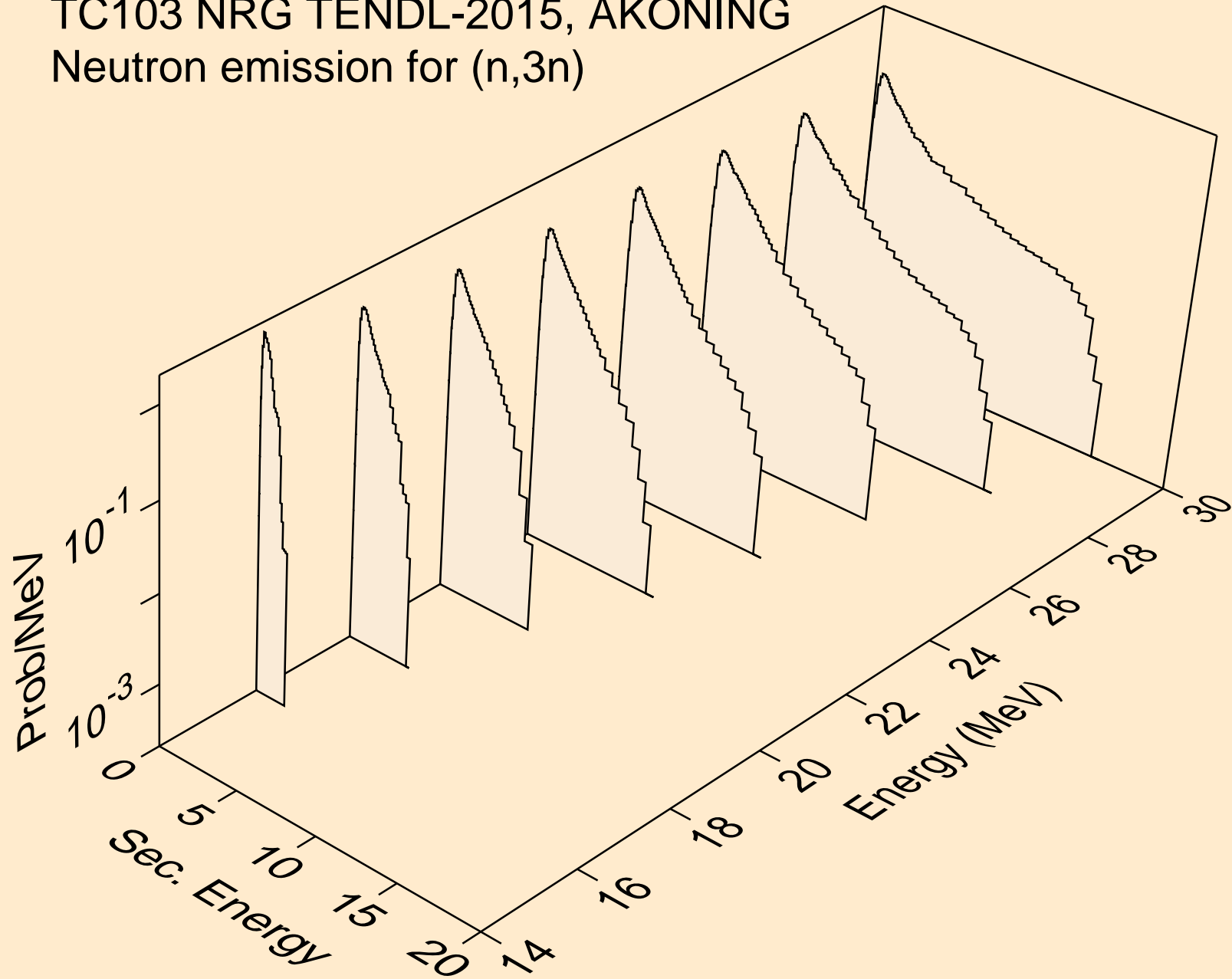
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



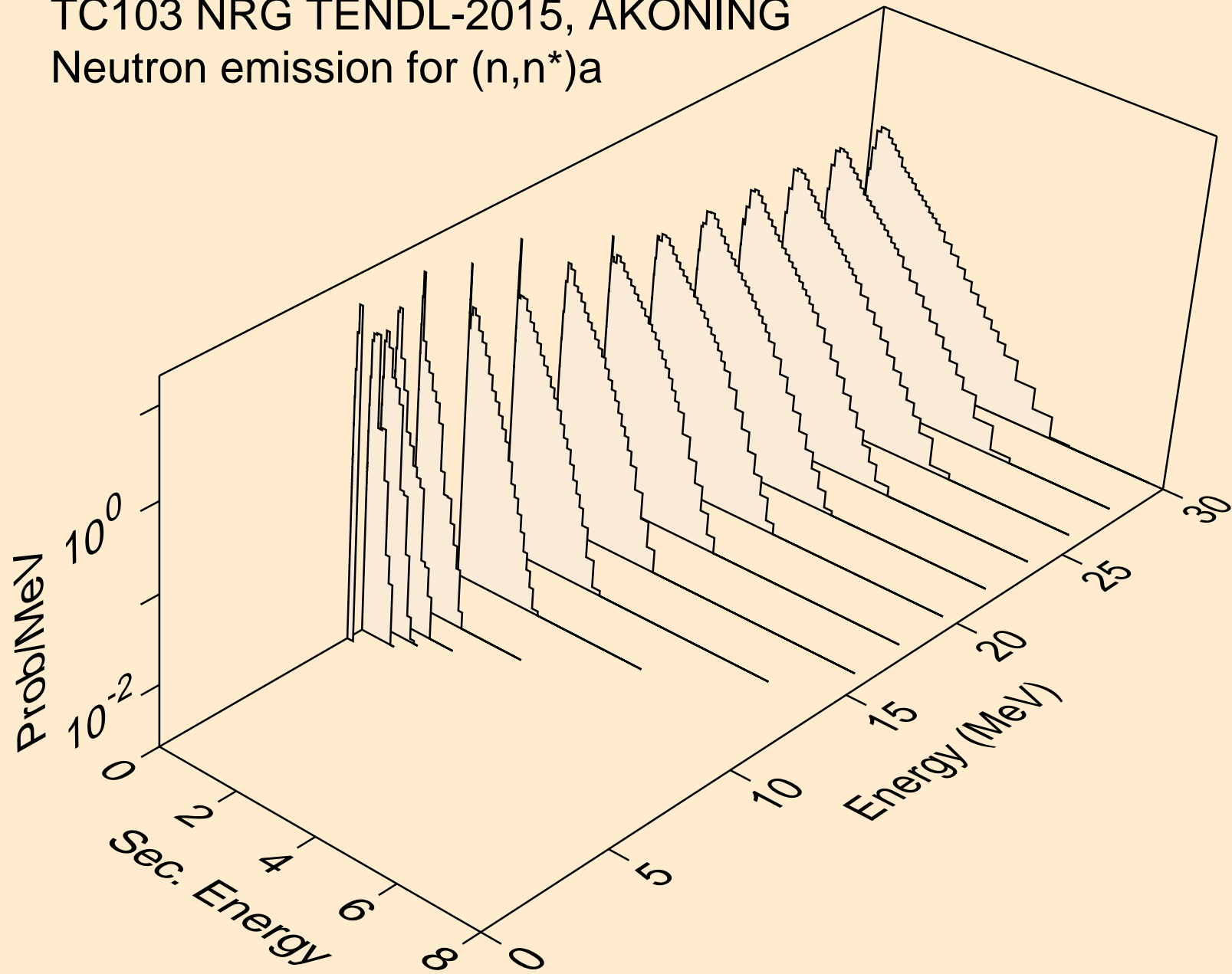
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



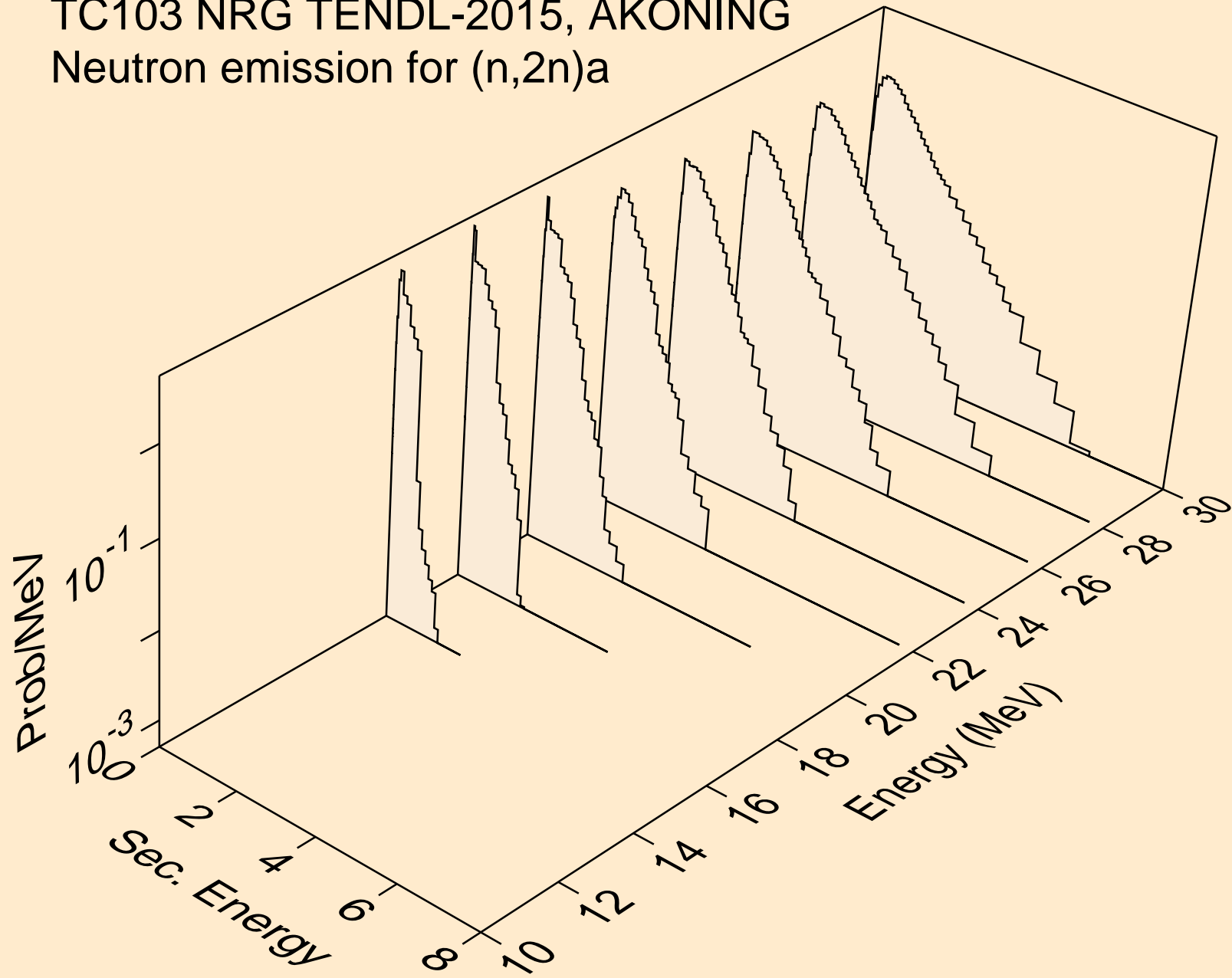
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



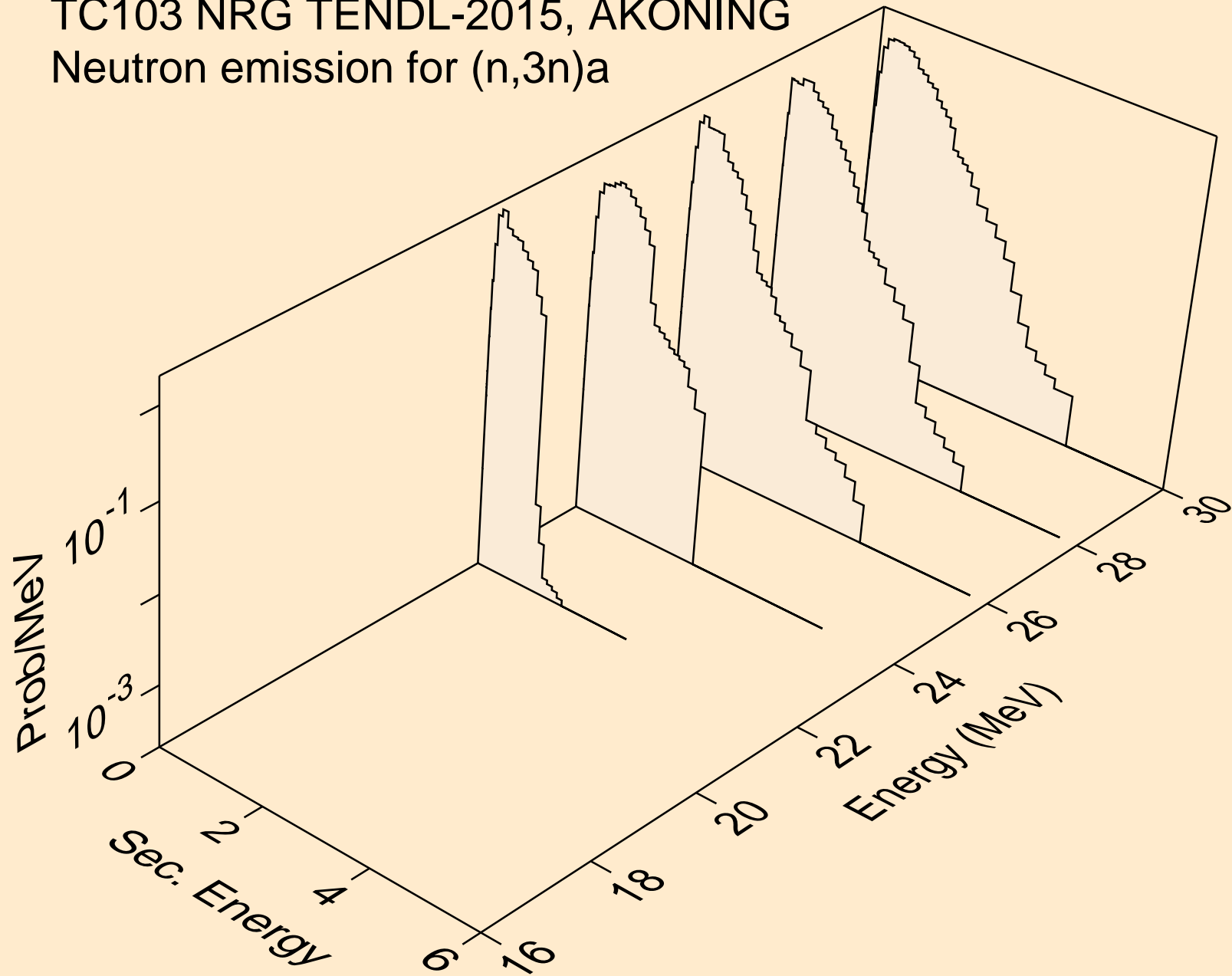
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



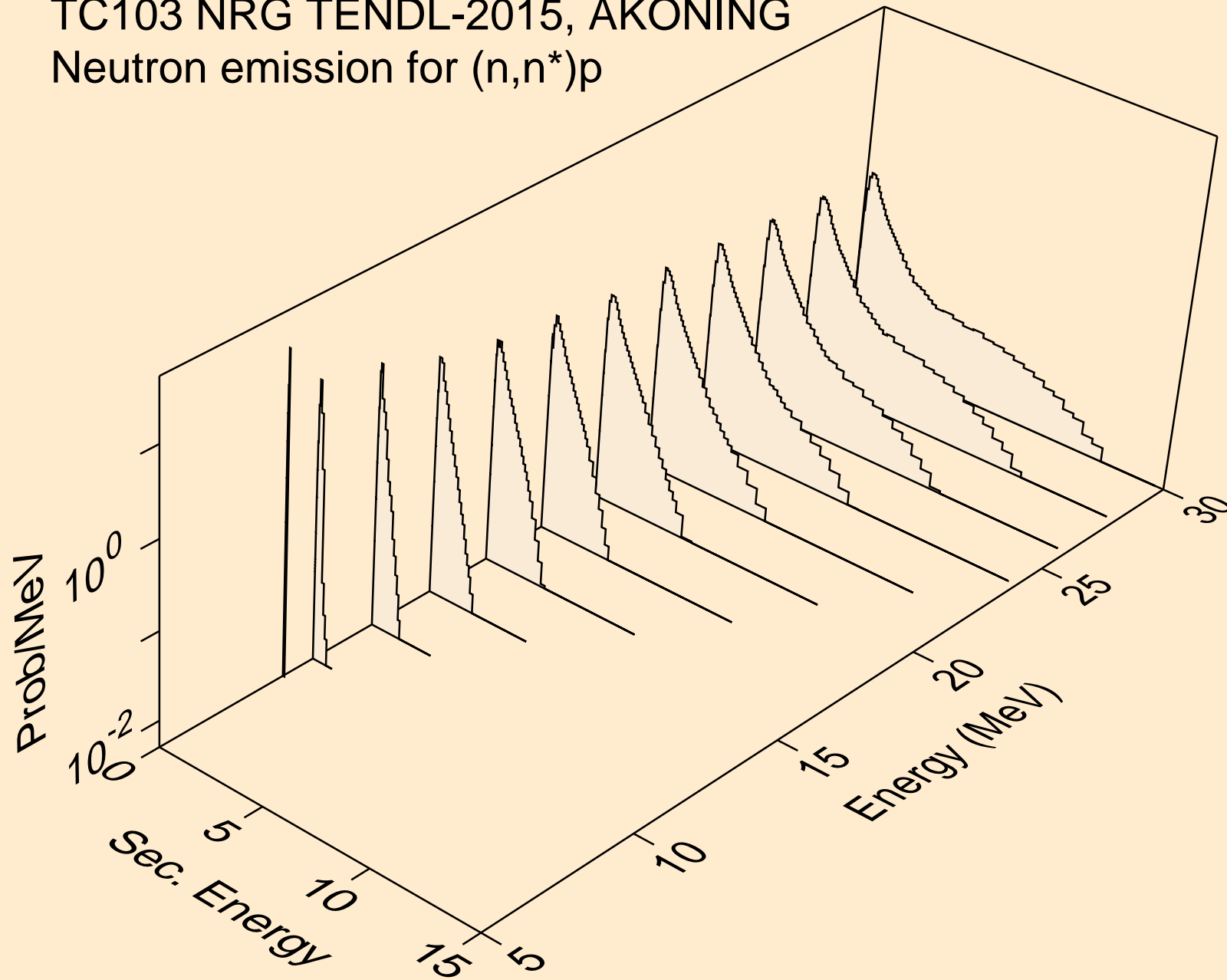
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



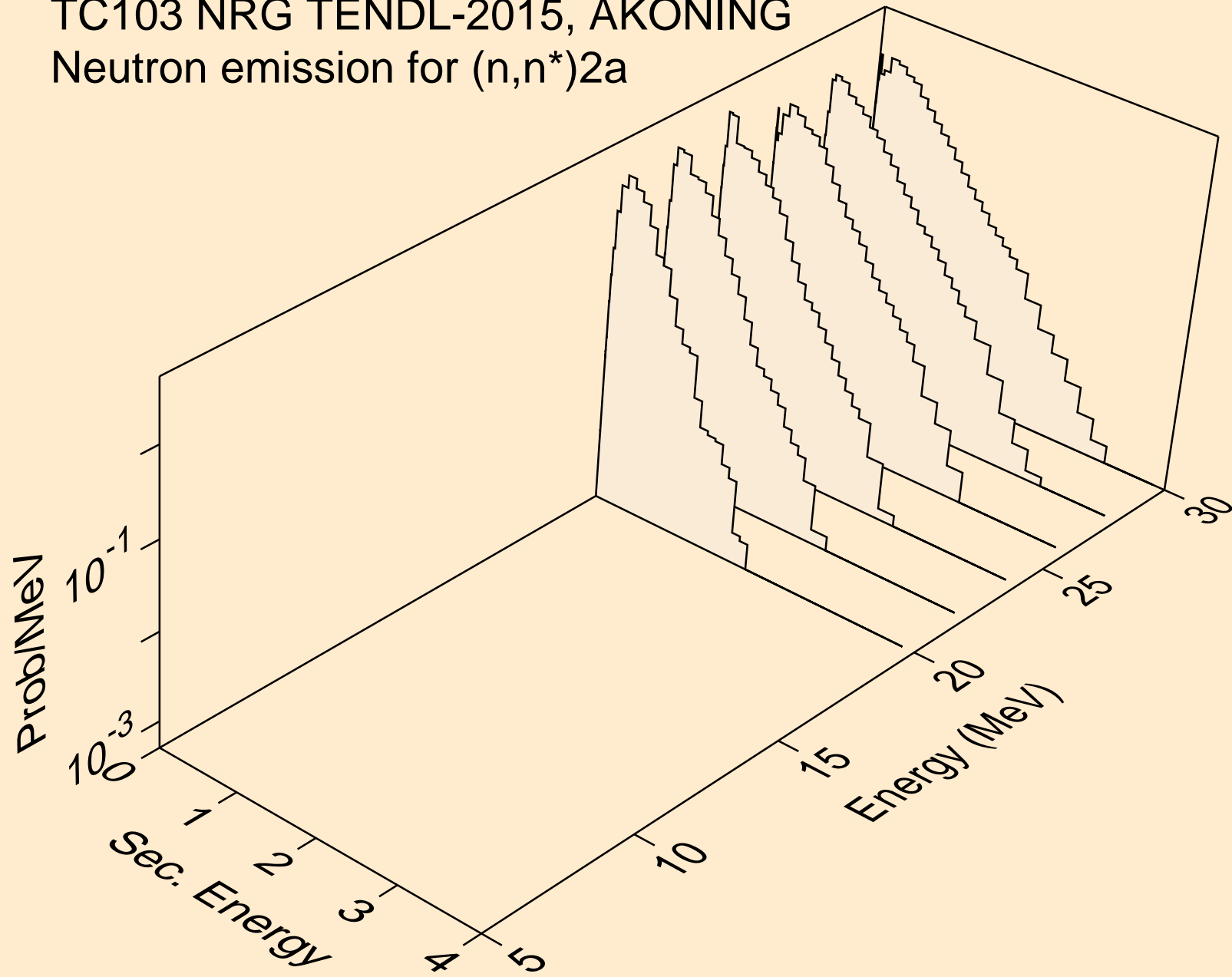
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

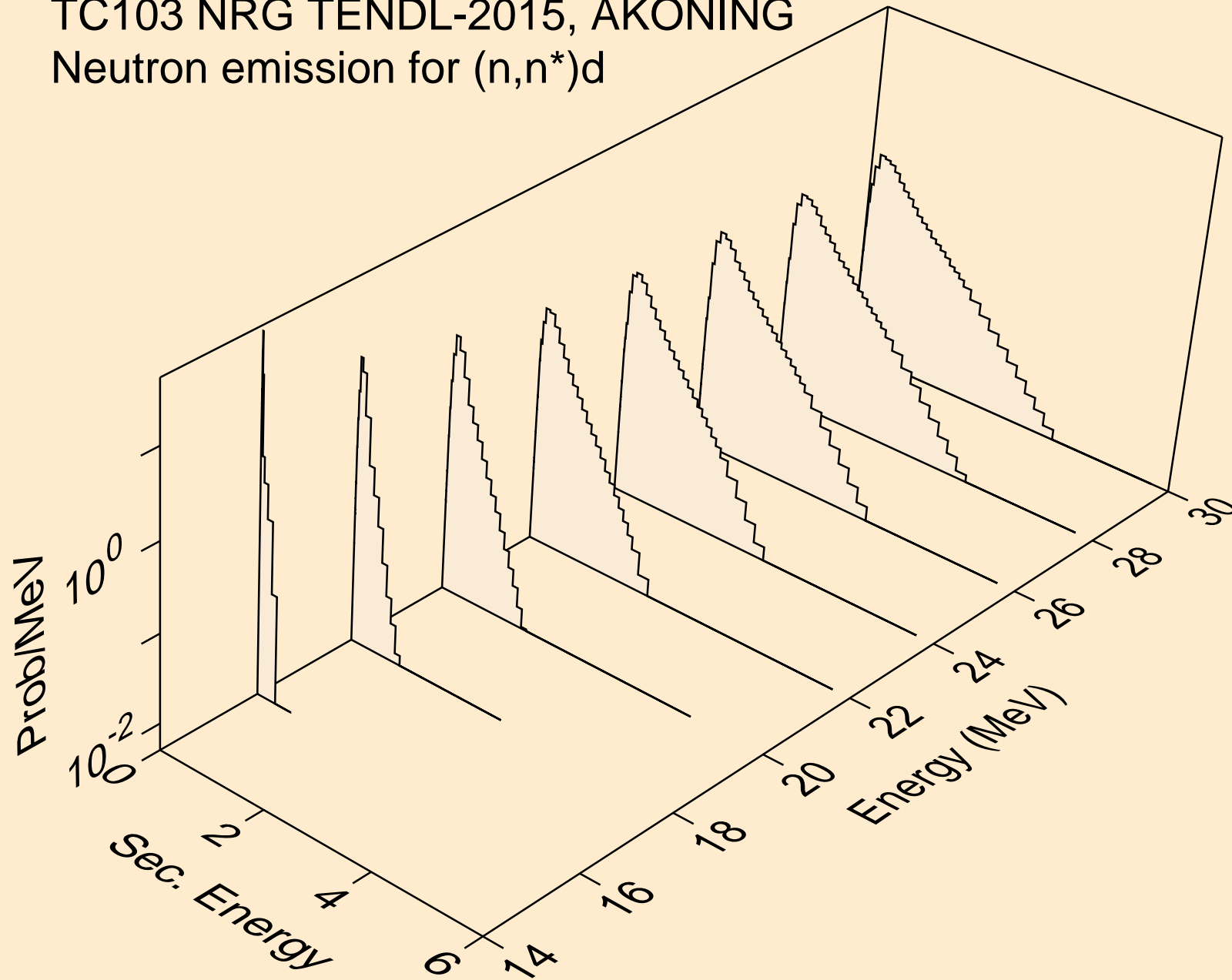


TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

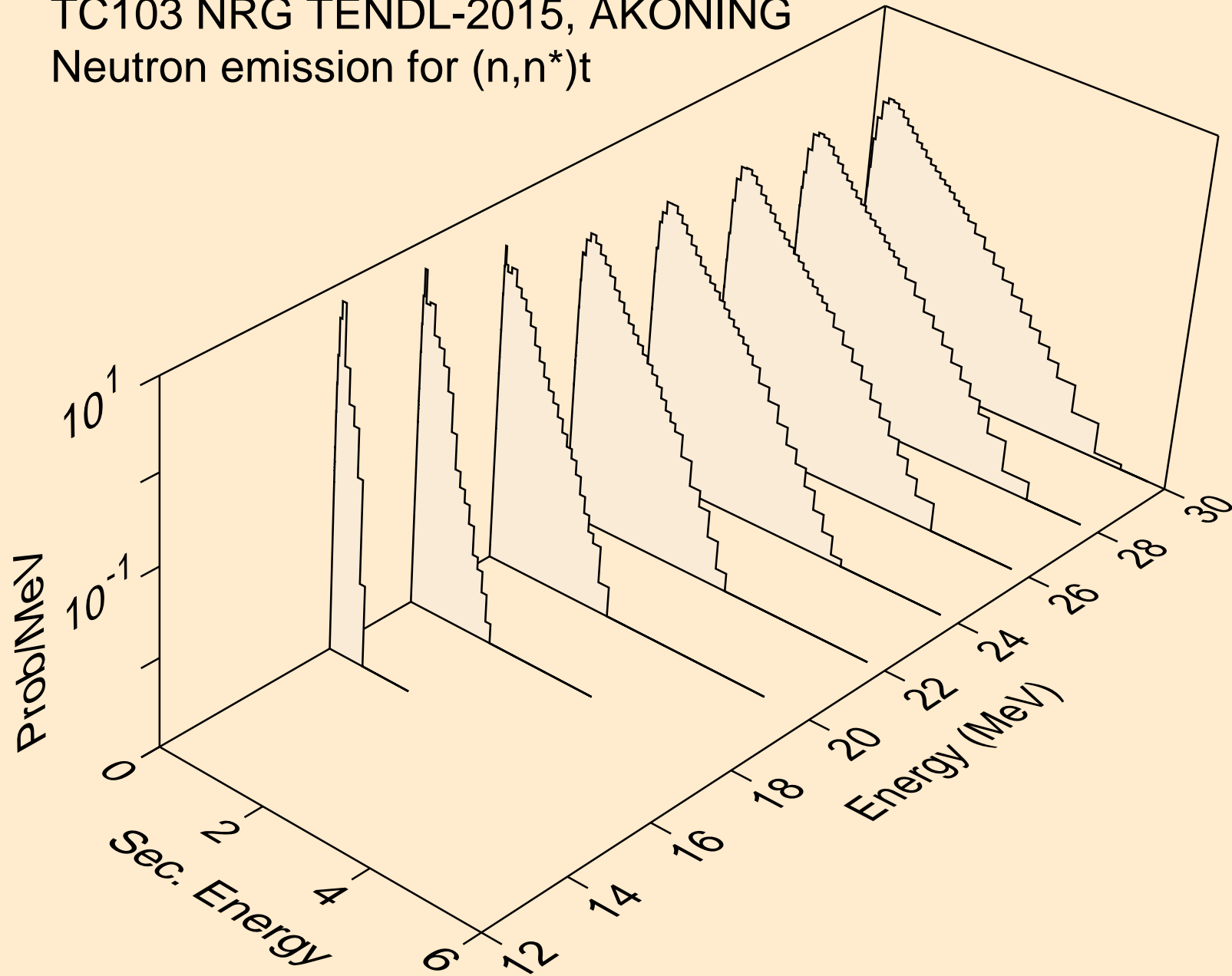




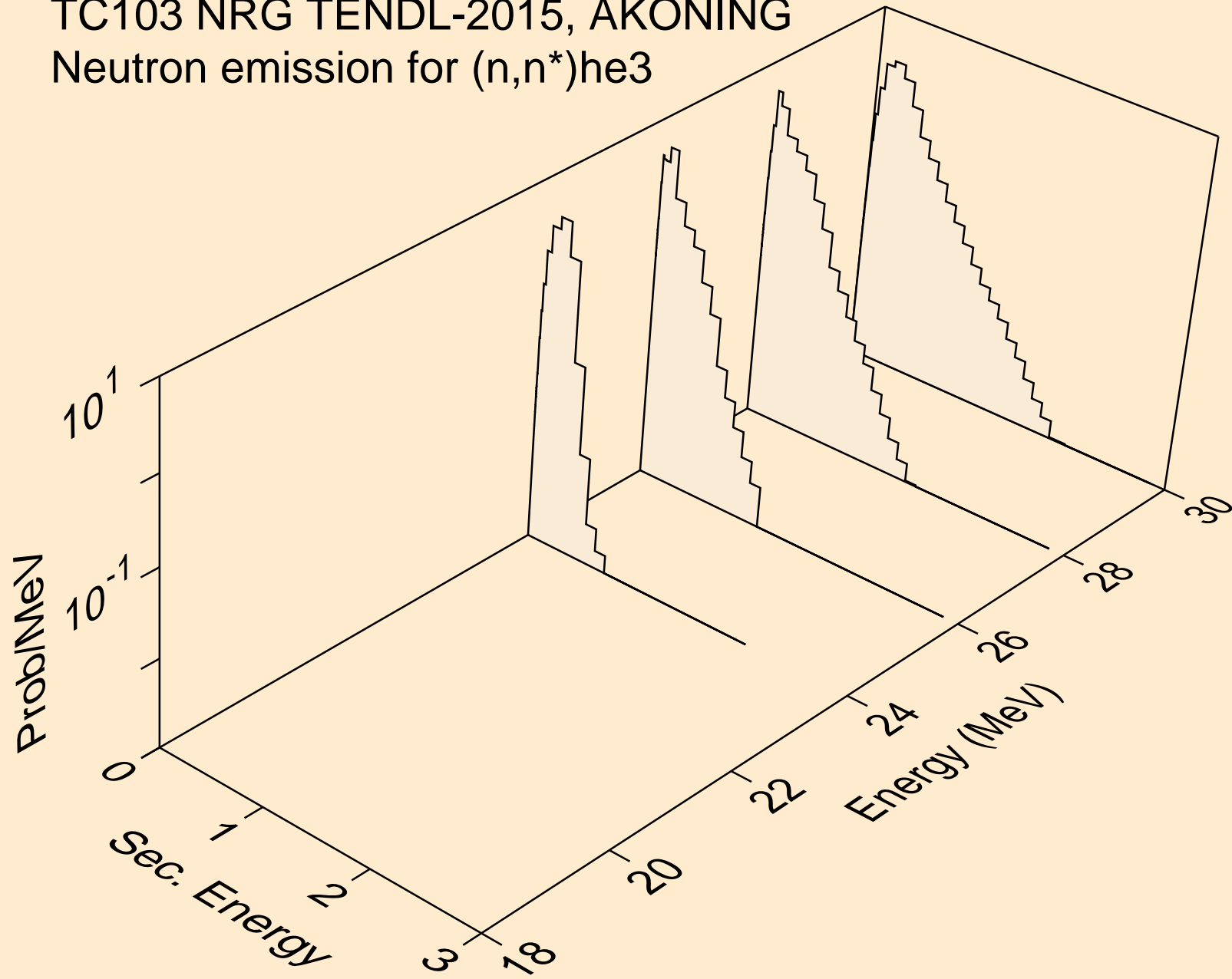
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



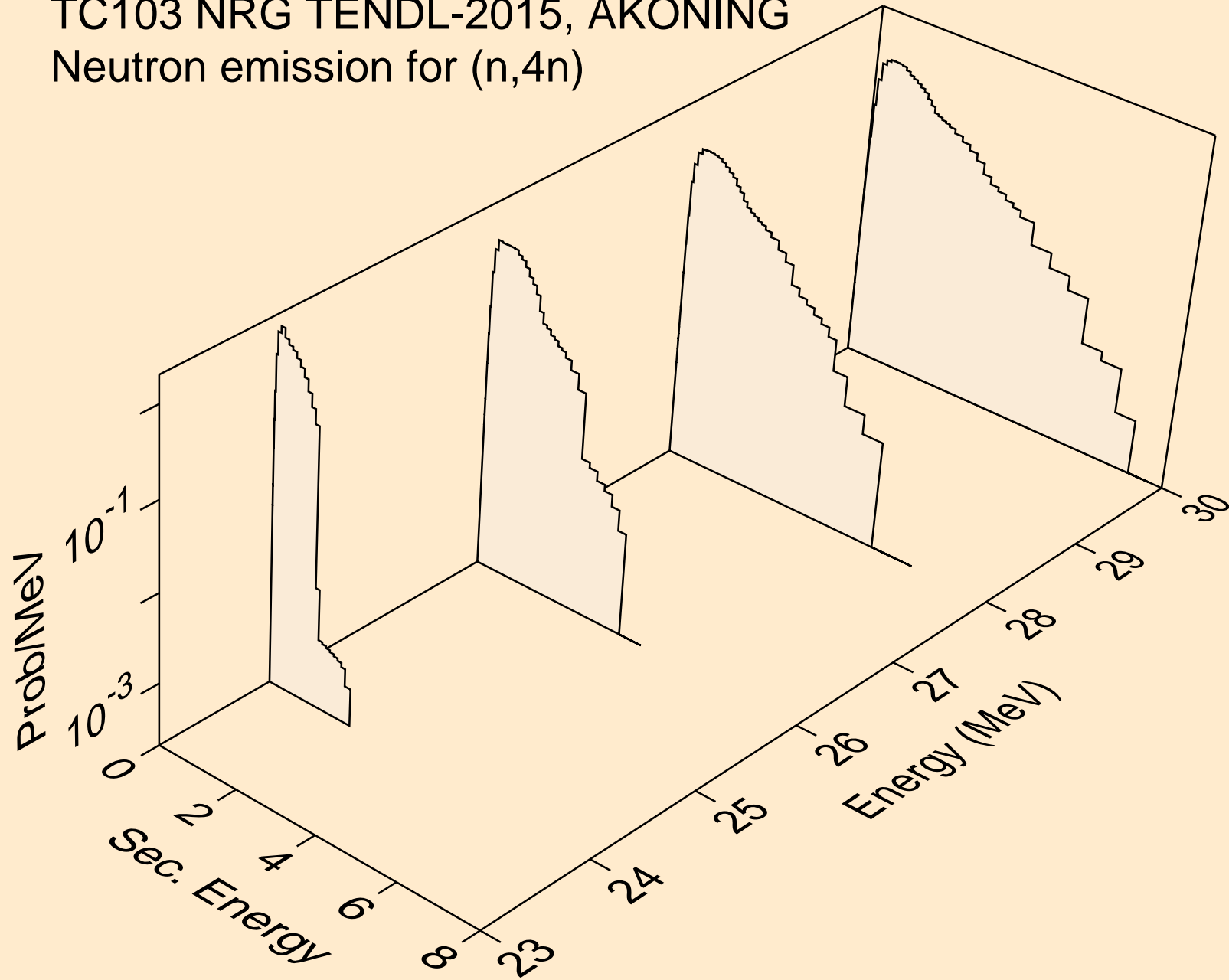
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



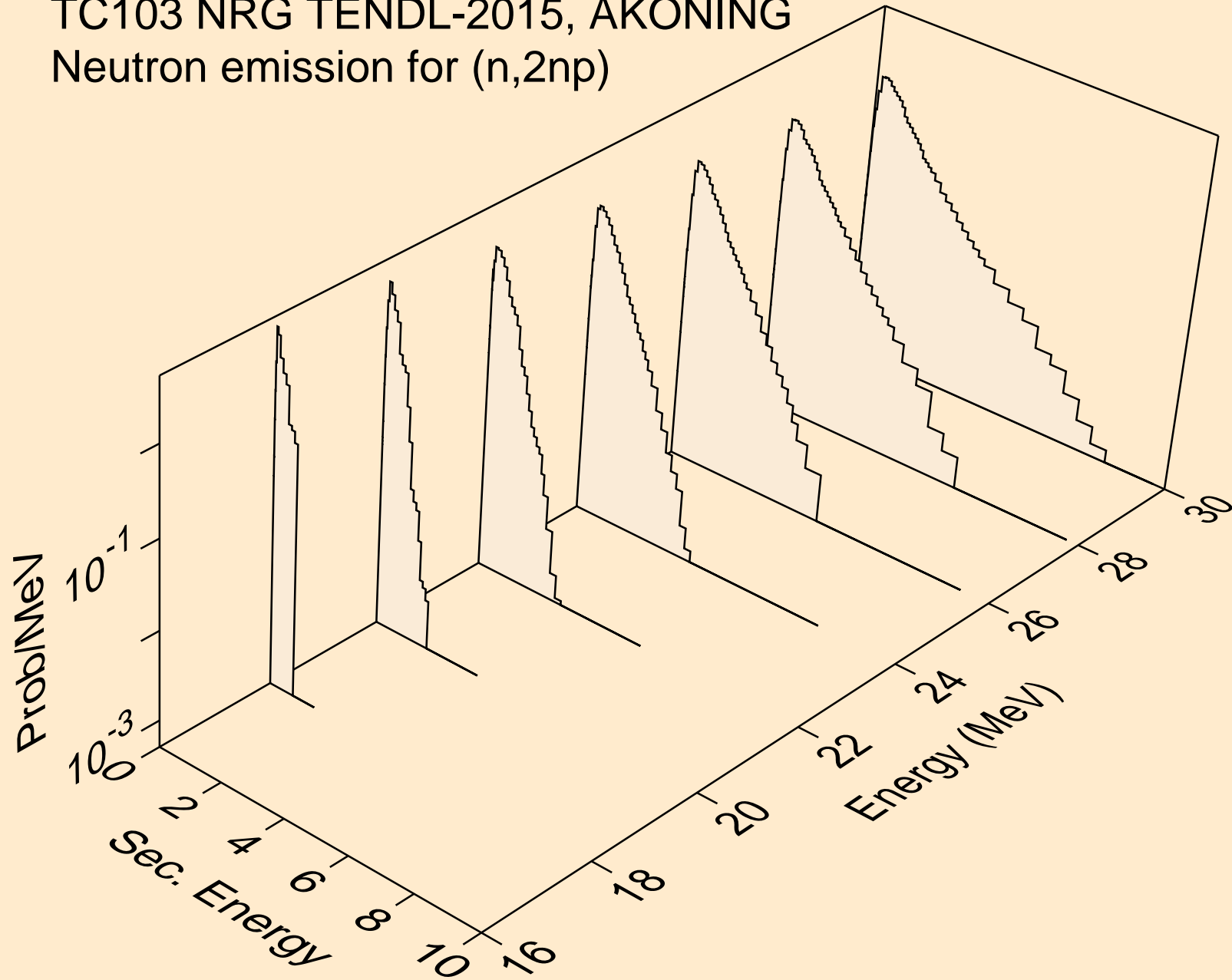
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



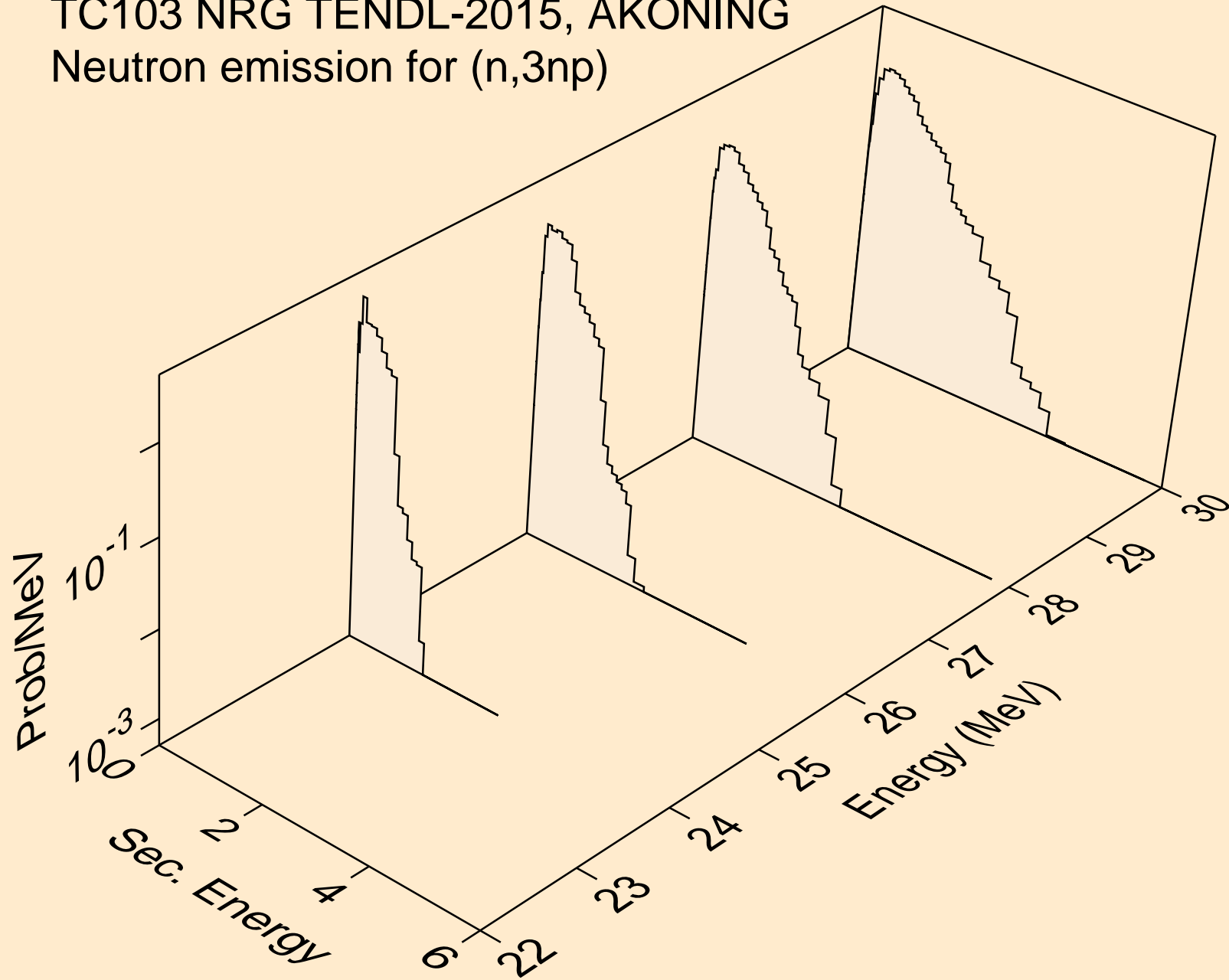
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



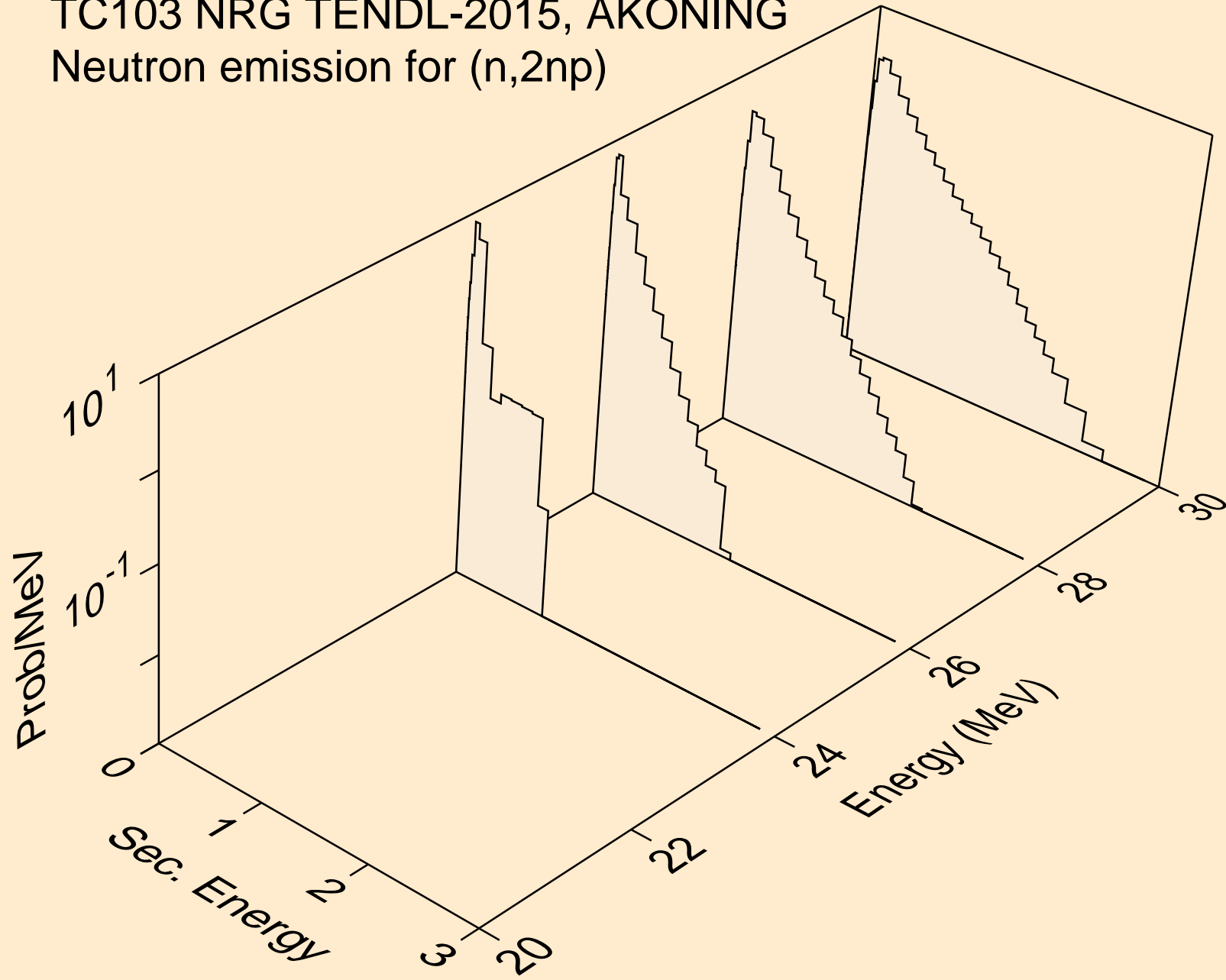
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



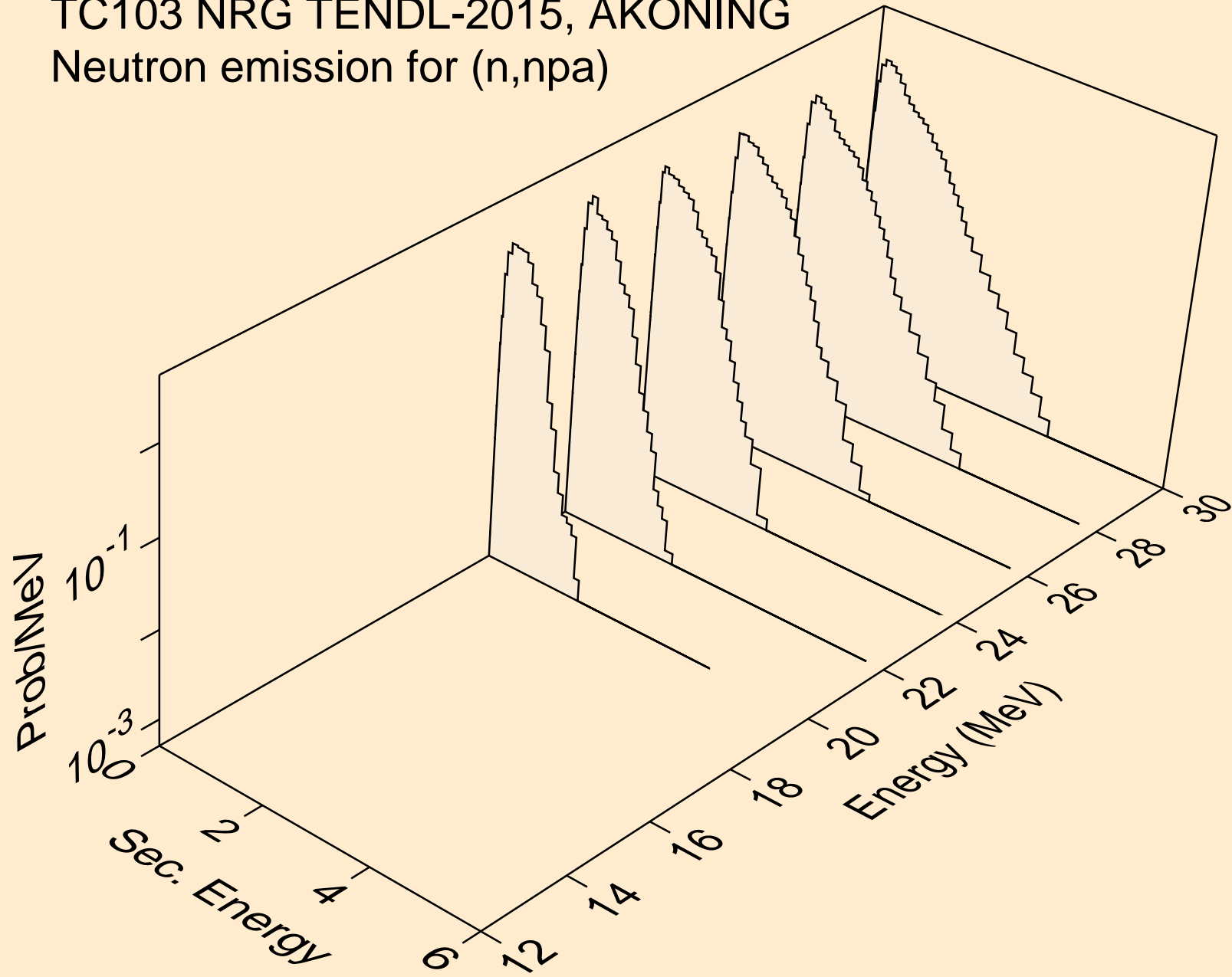
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

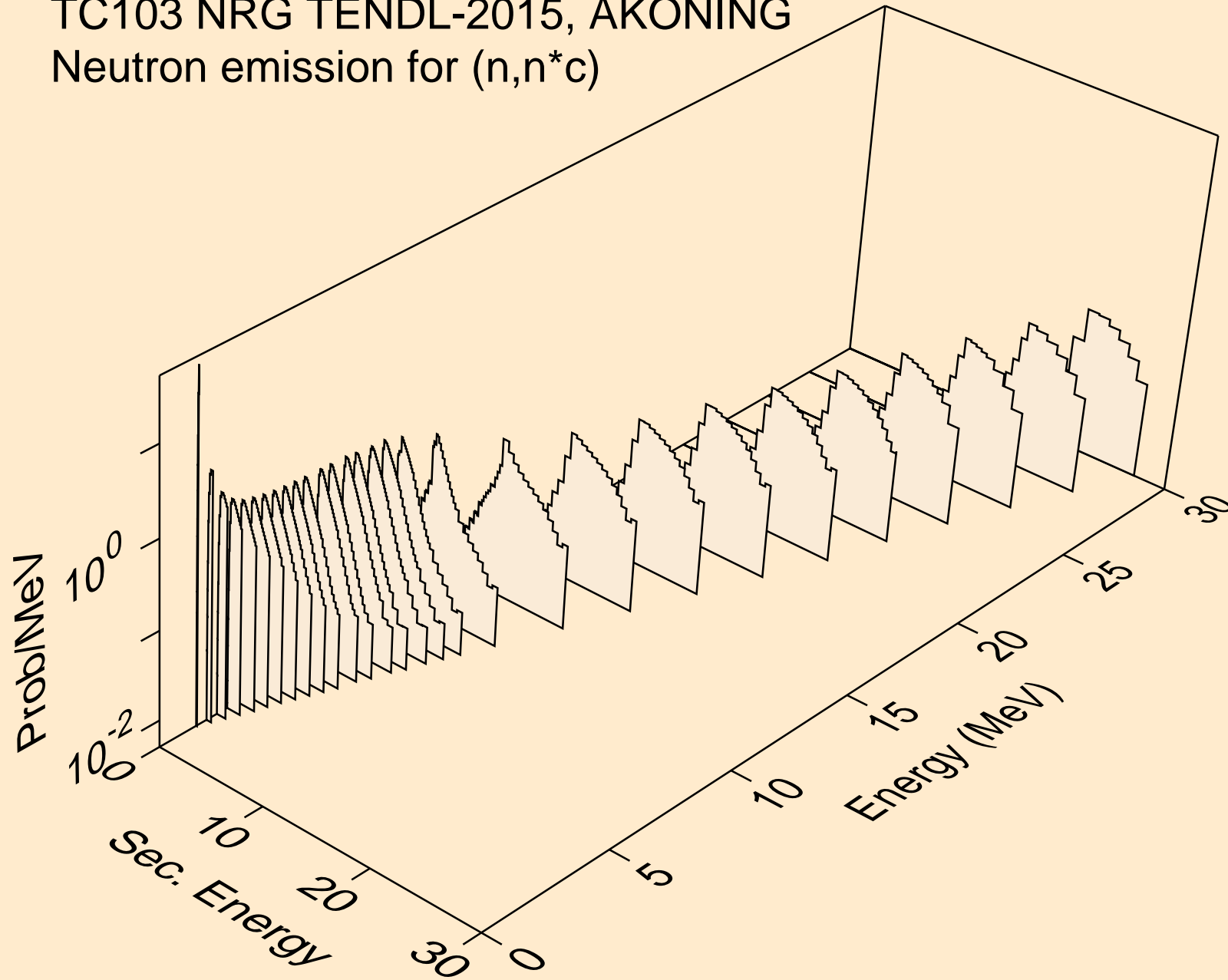


TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

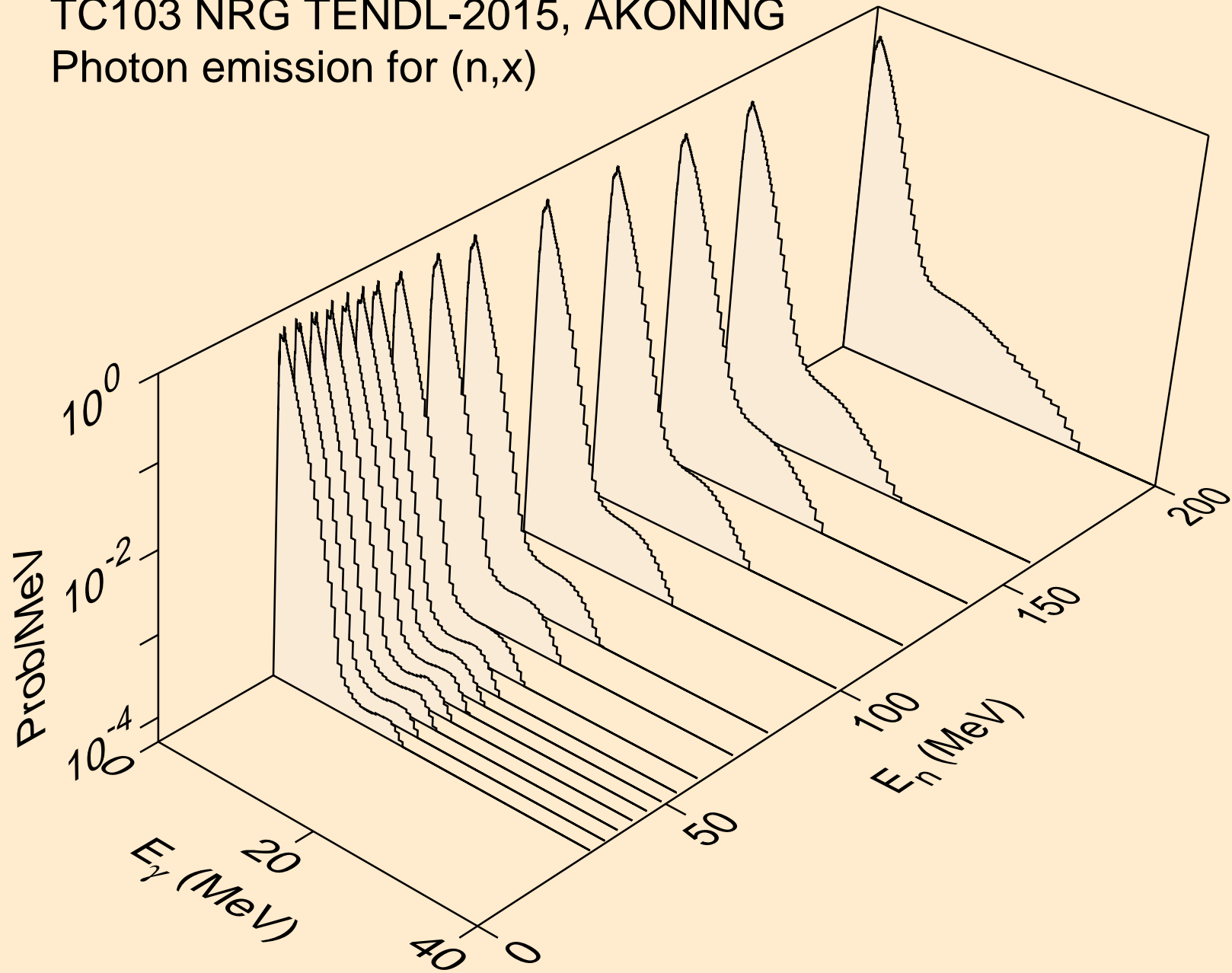




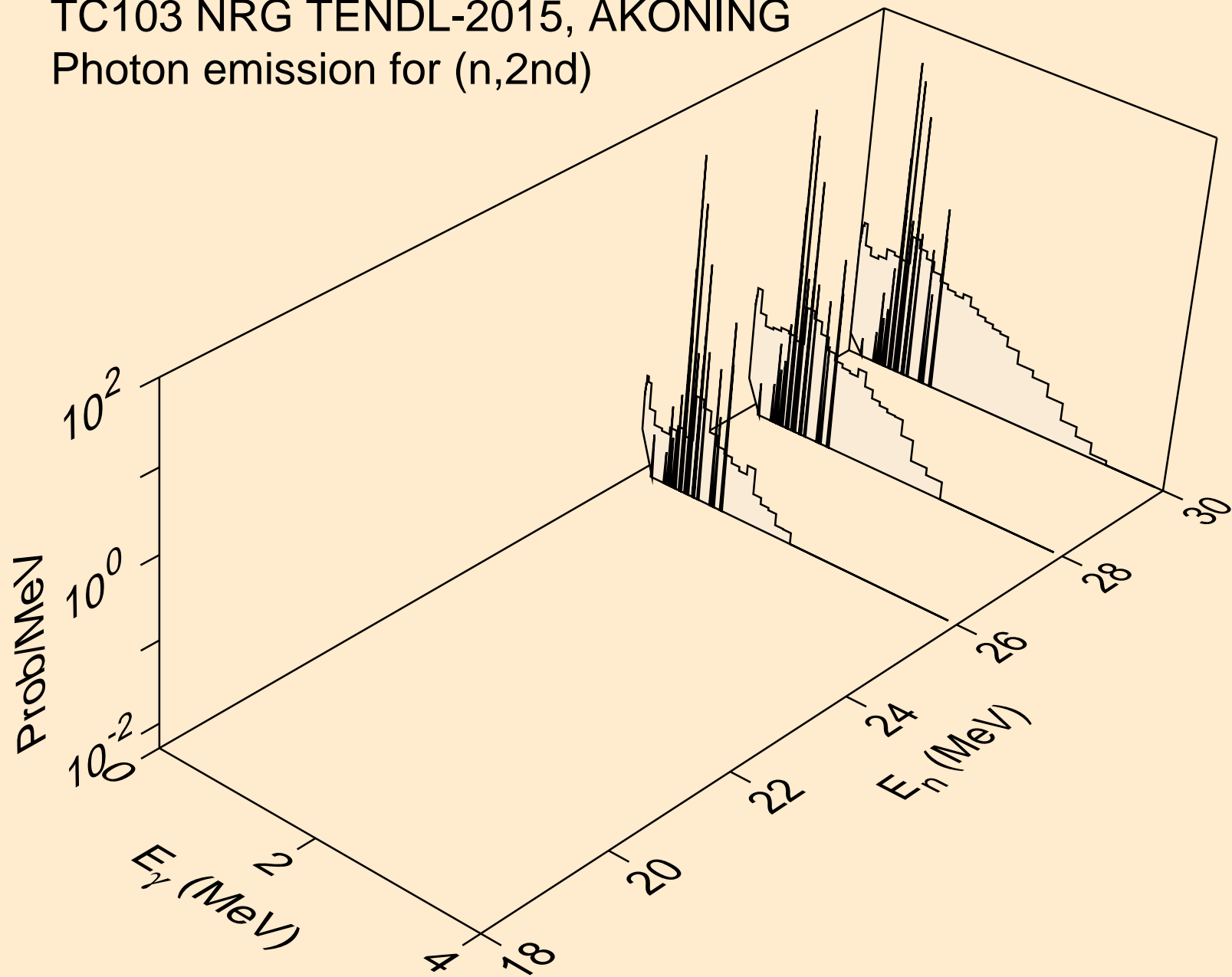
TC103 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



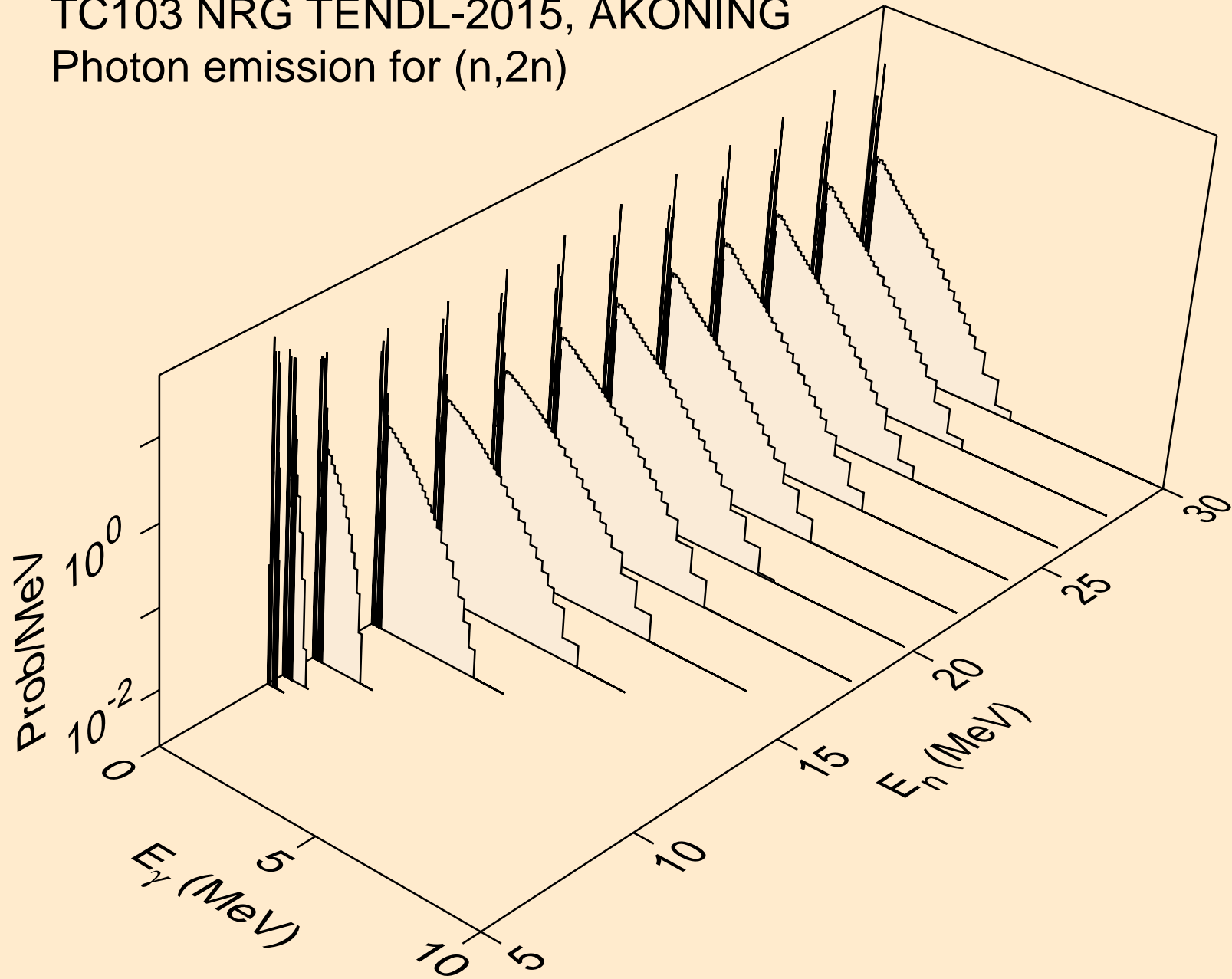
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



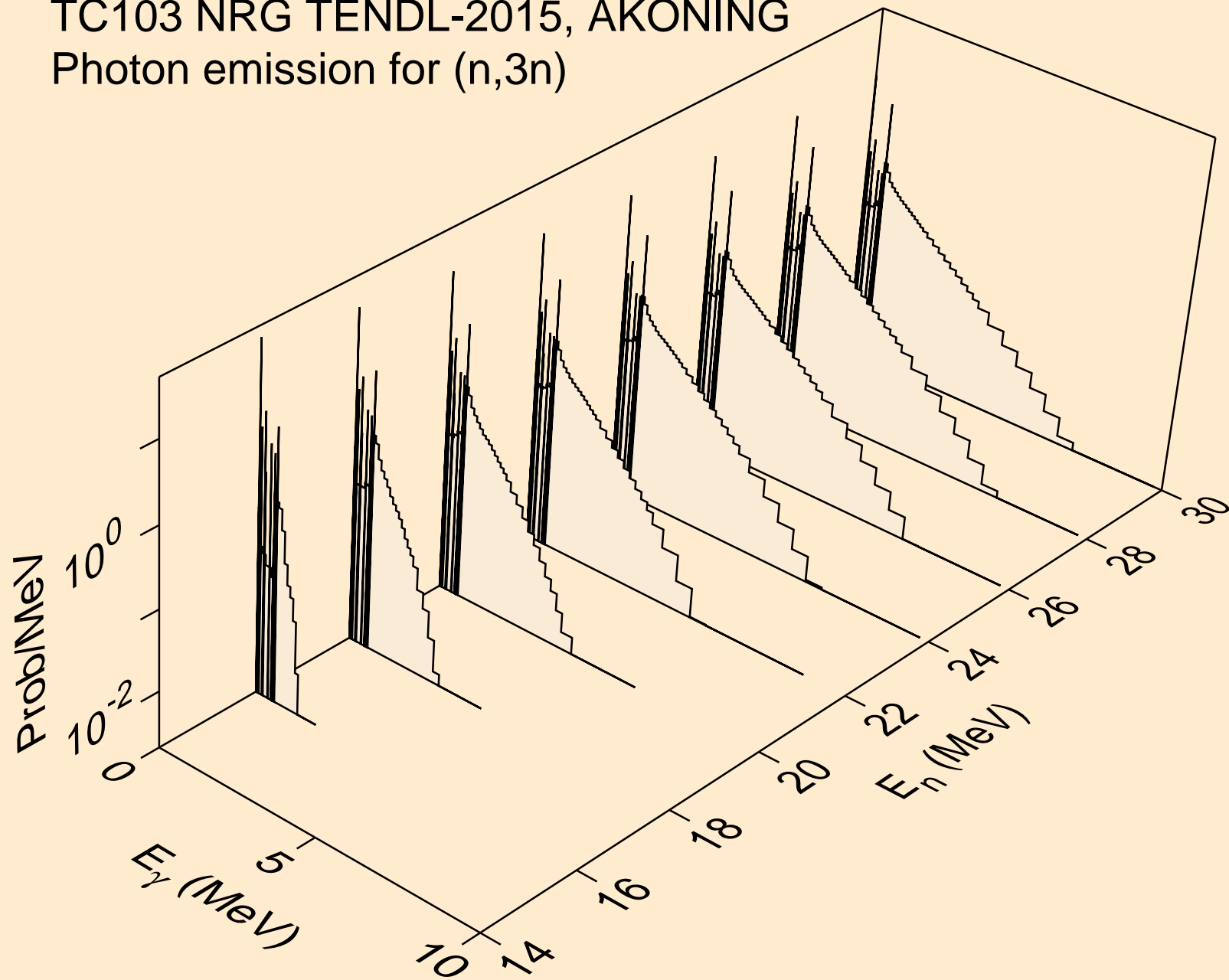
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



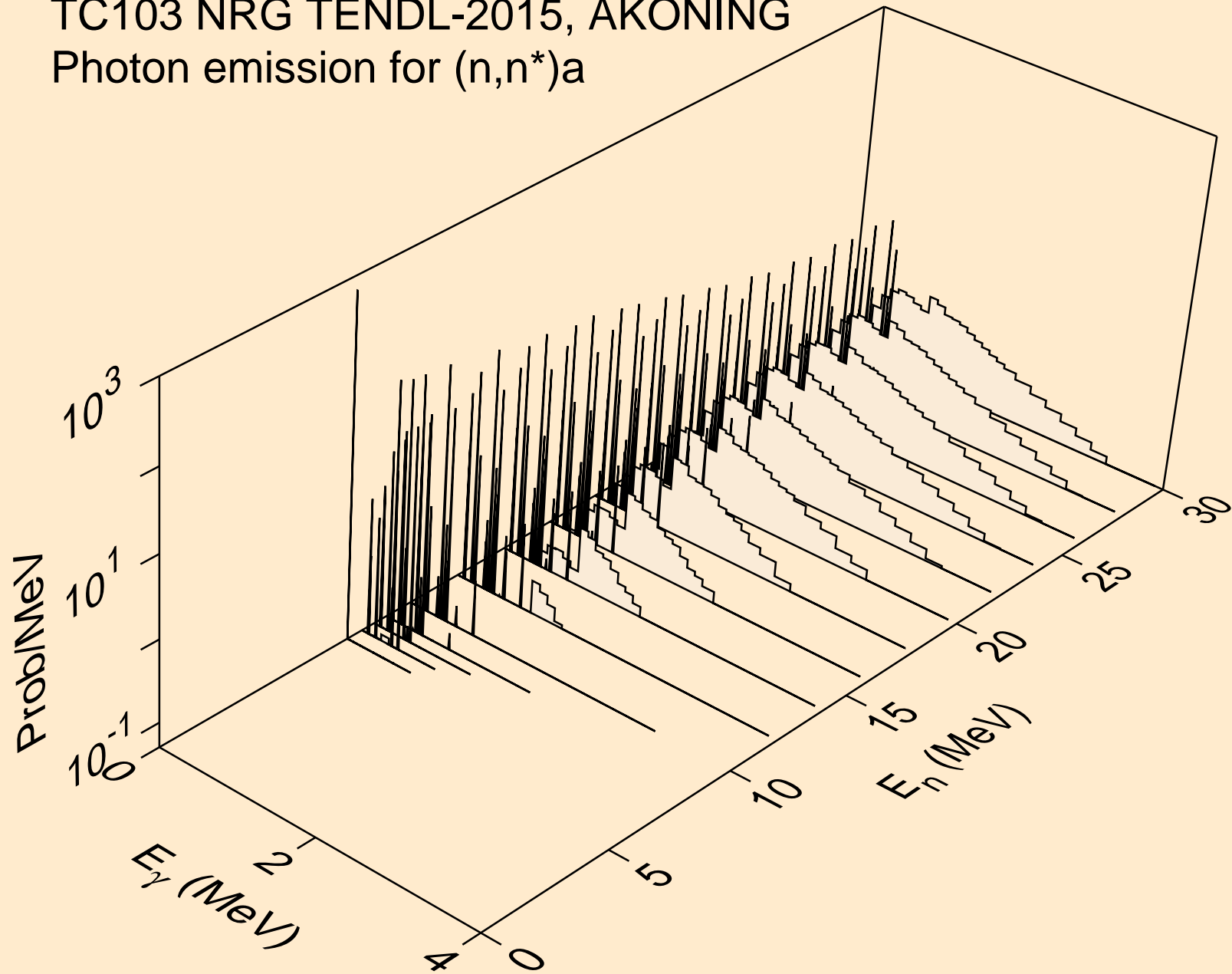
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



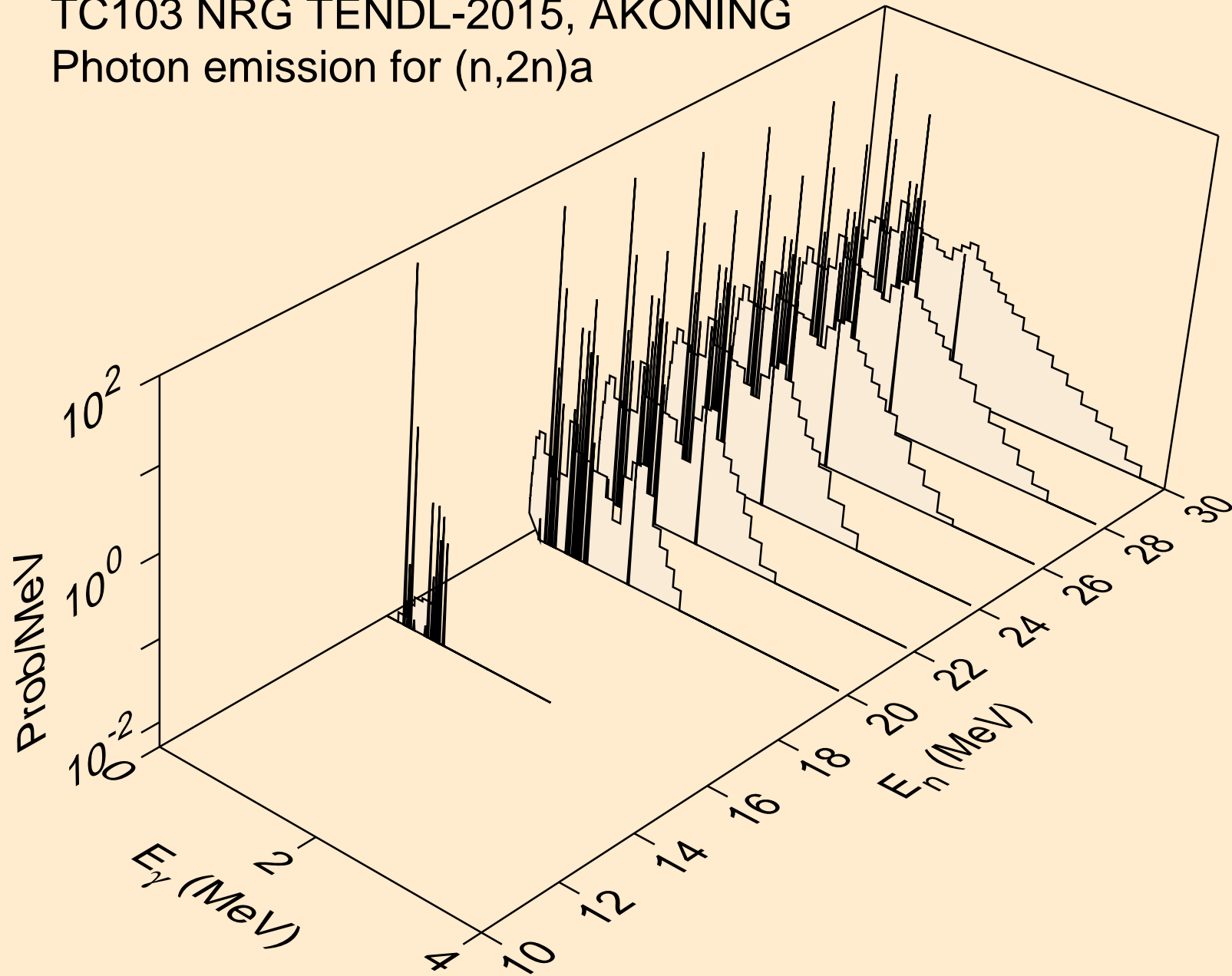
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



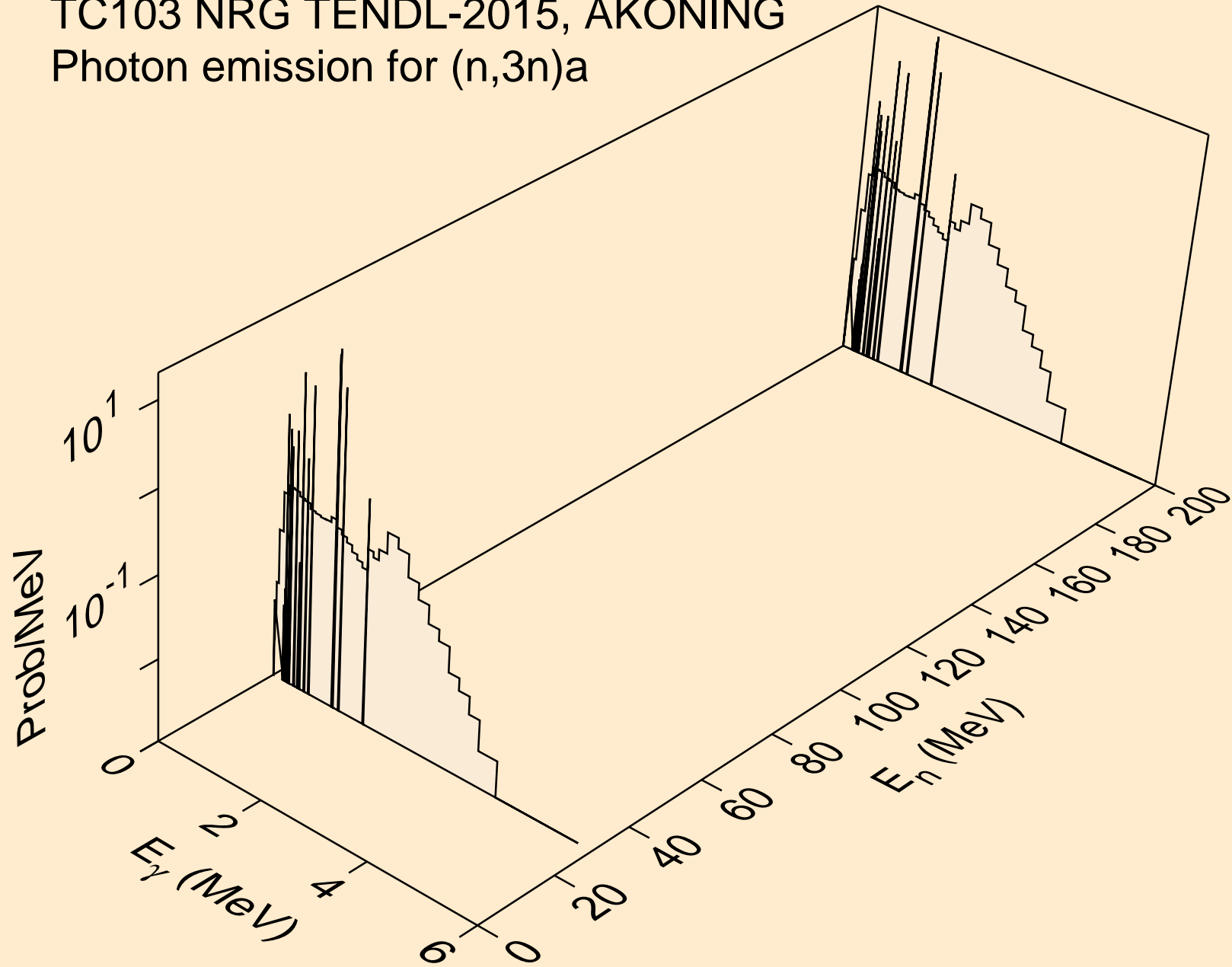
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

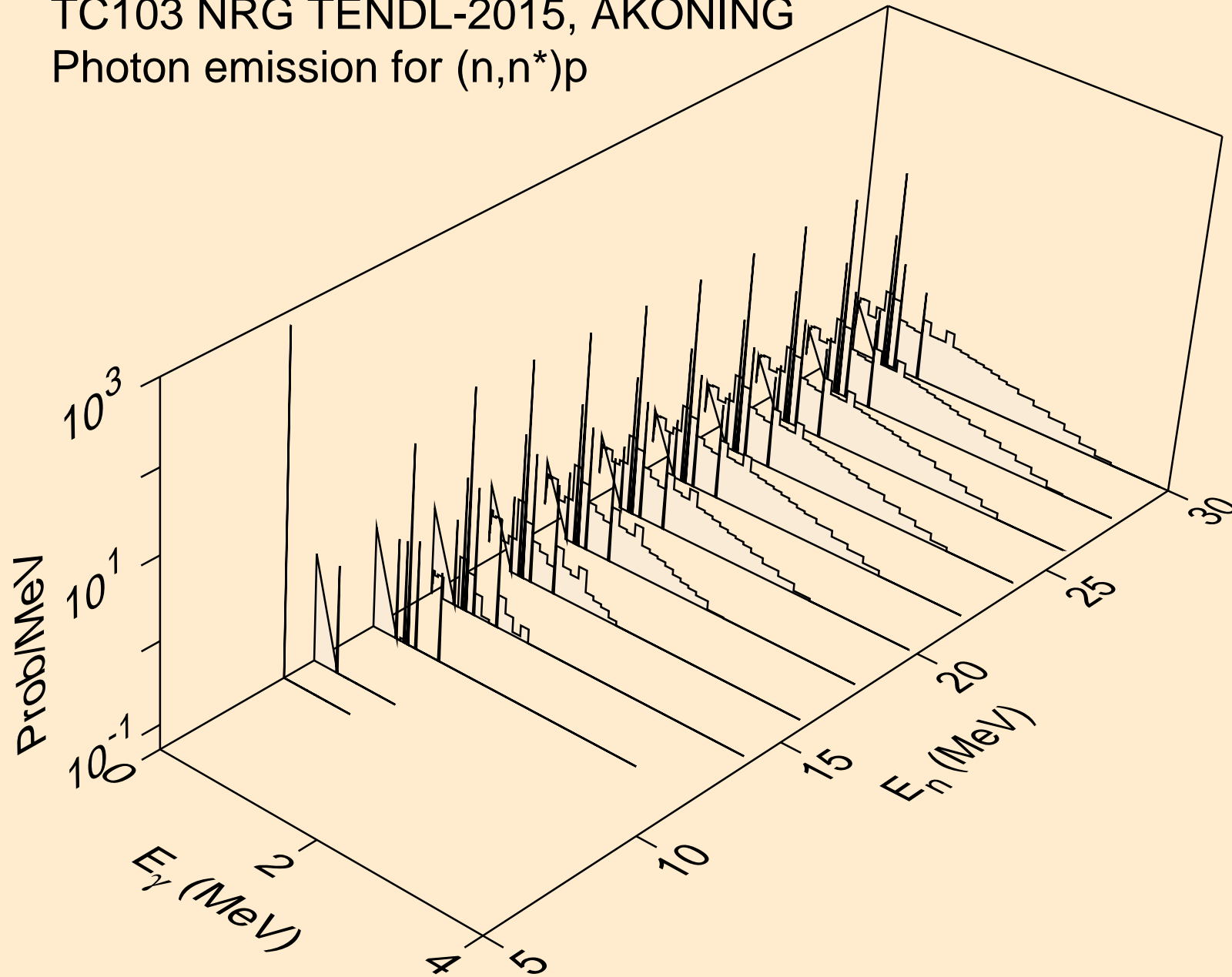


TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

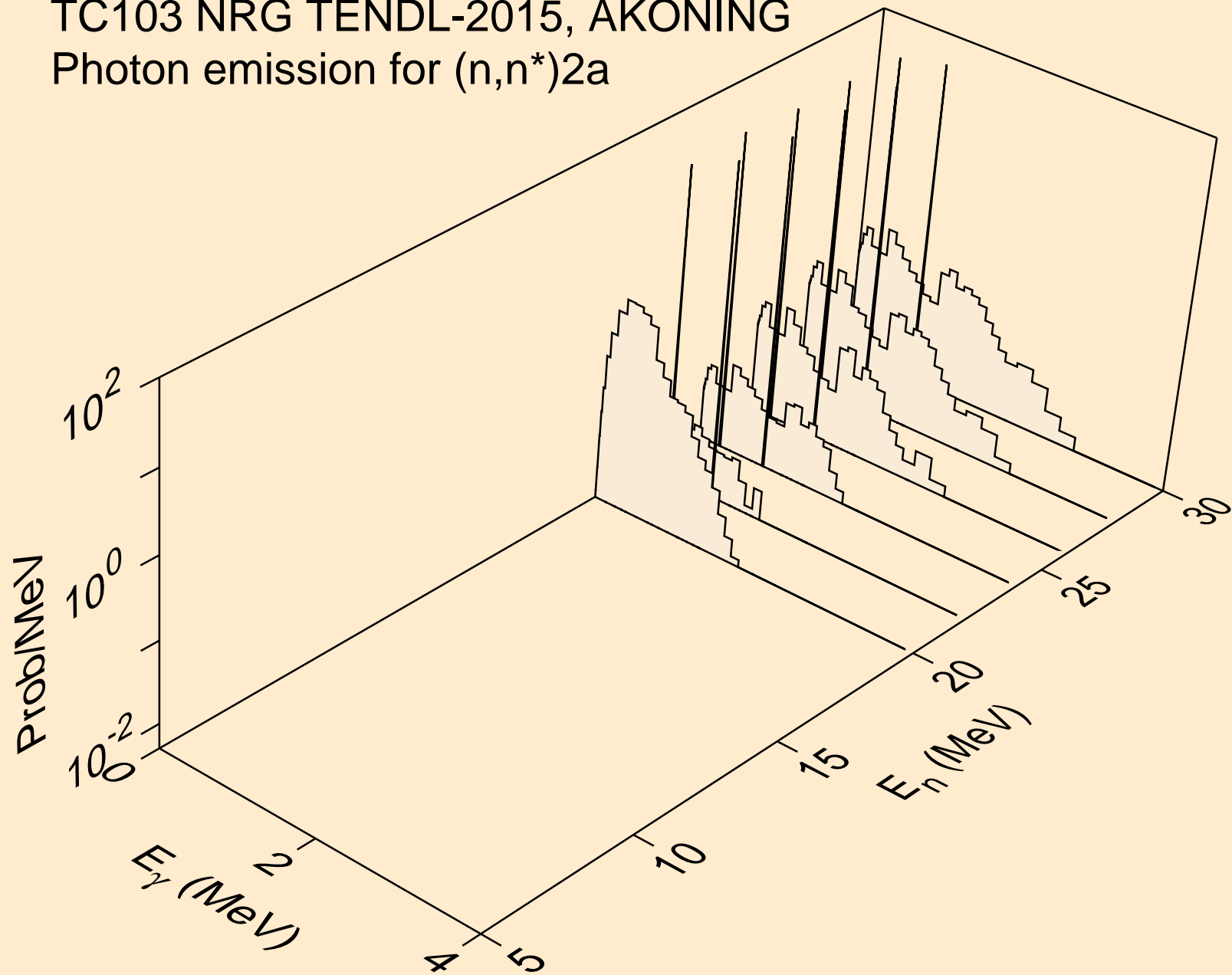




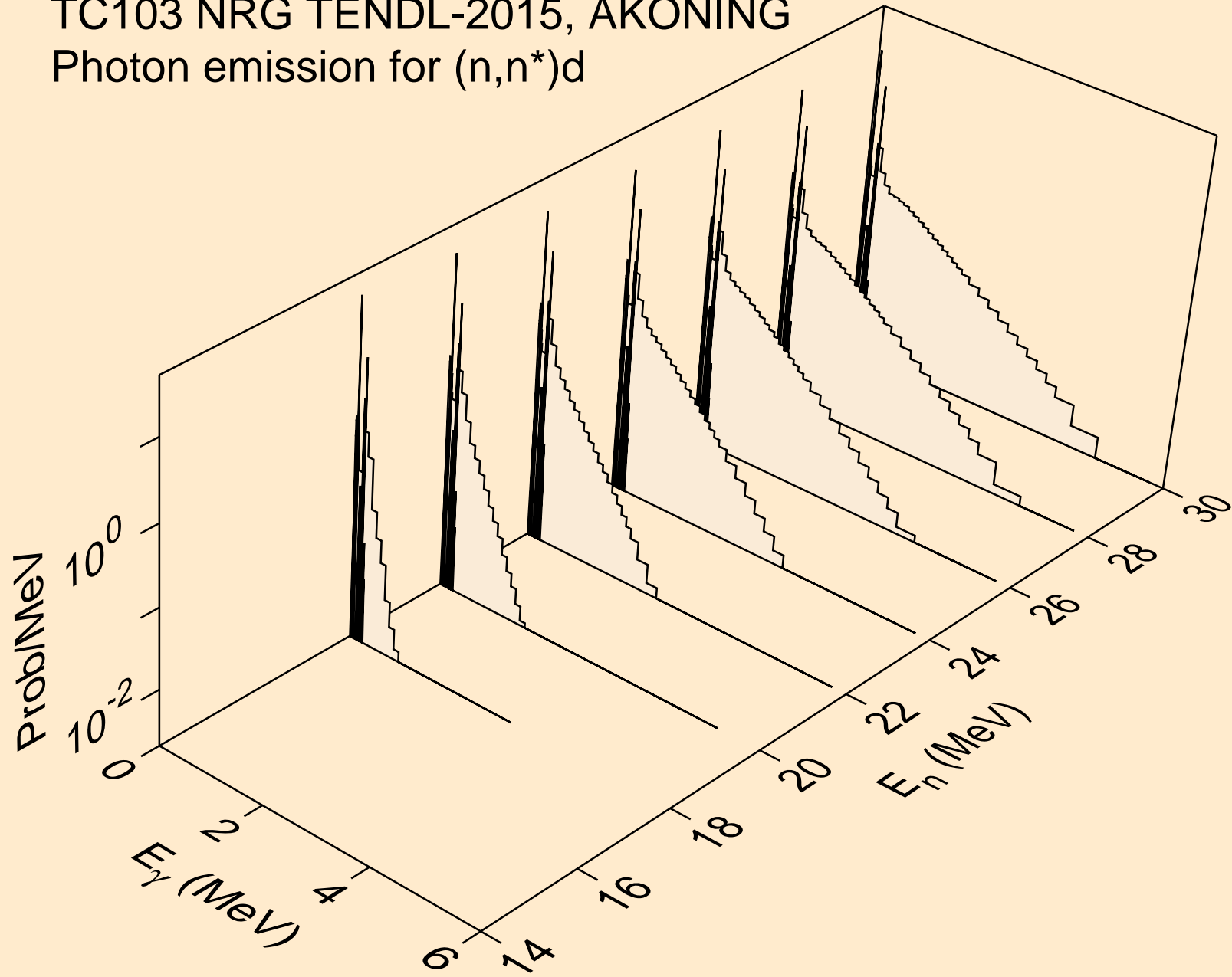
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



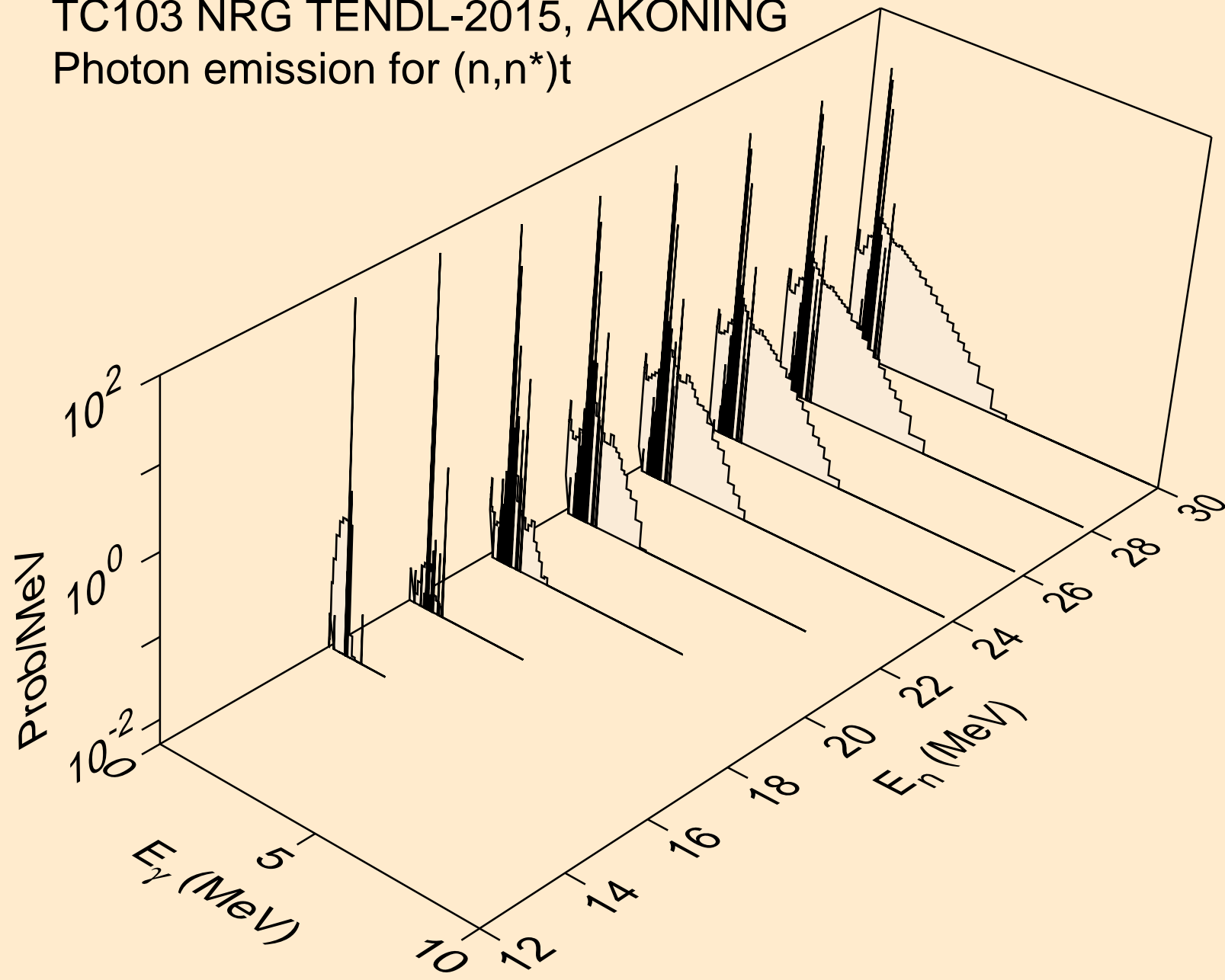
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



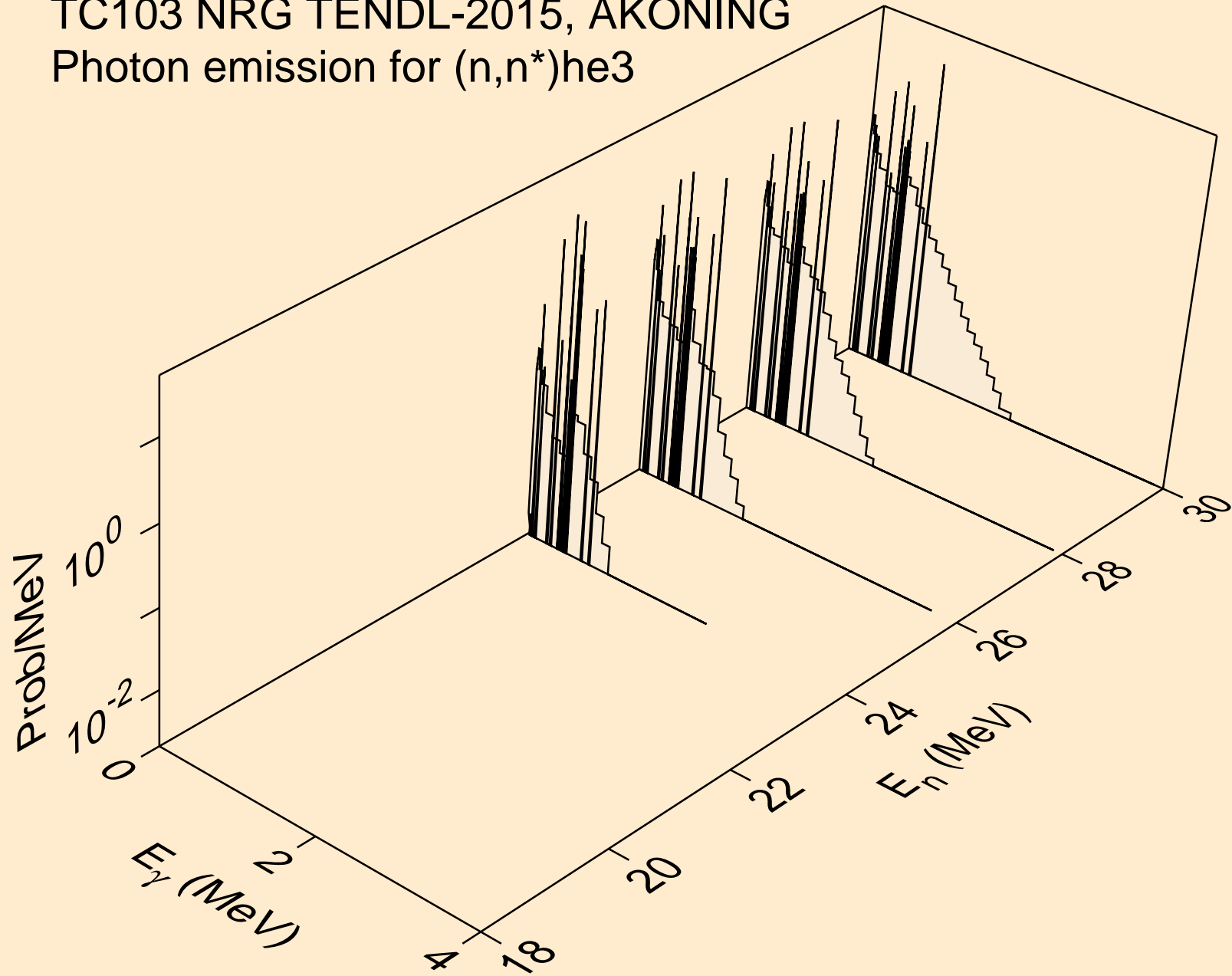
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



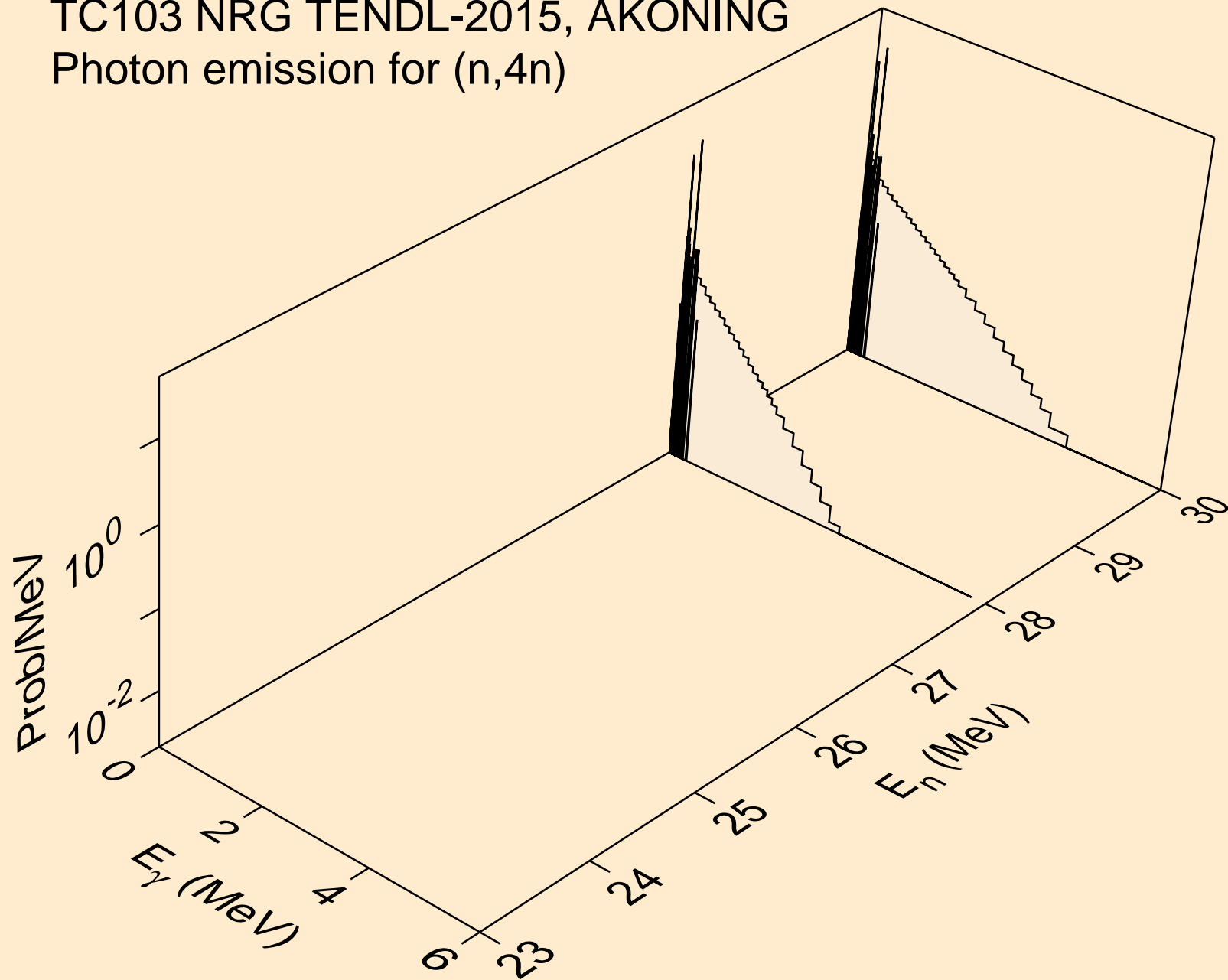
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



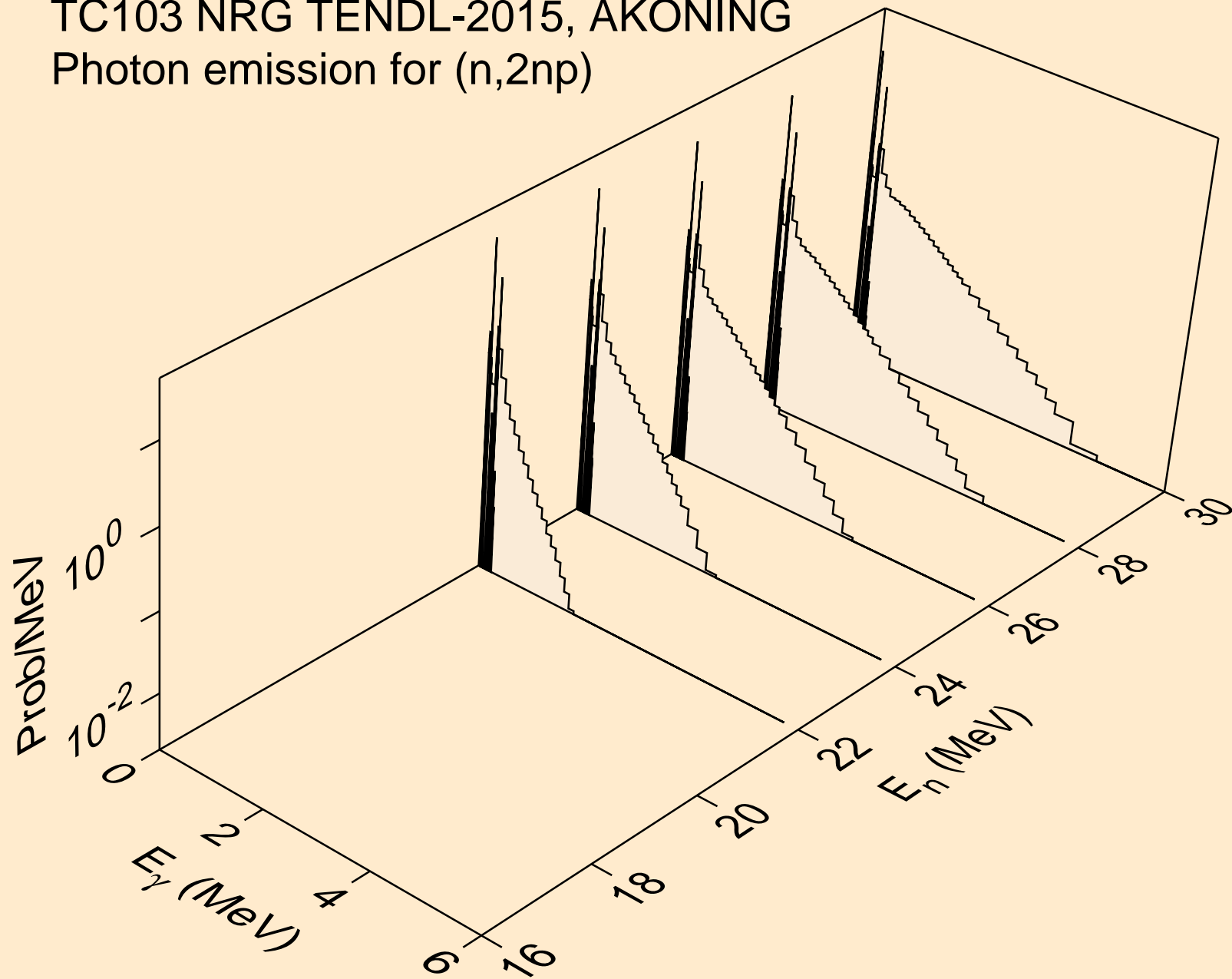
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



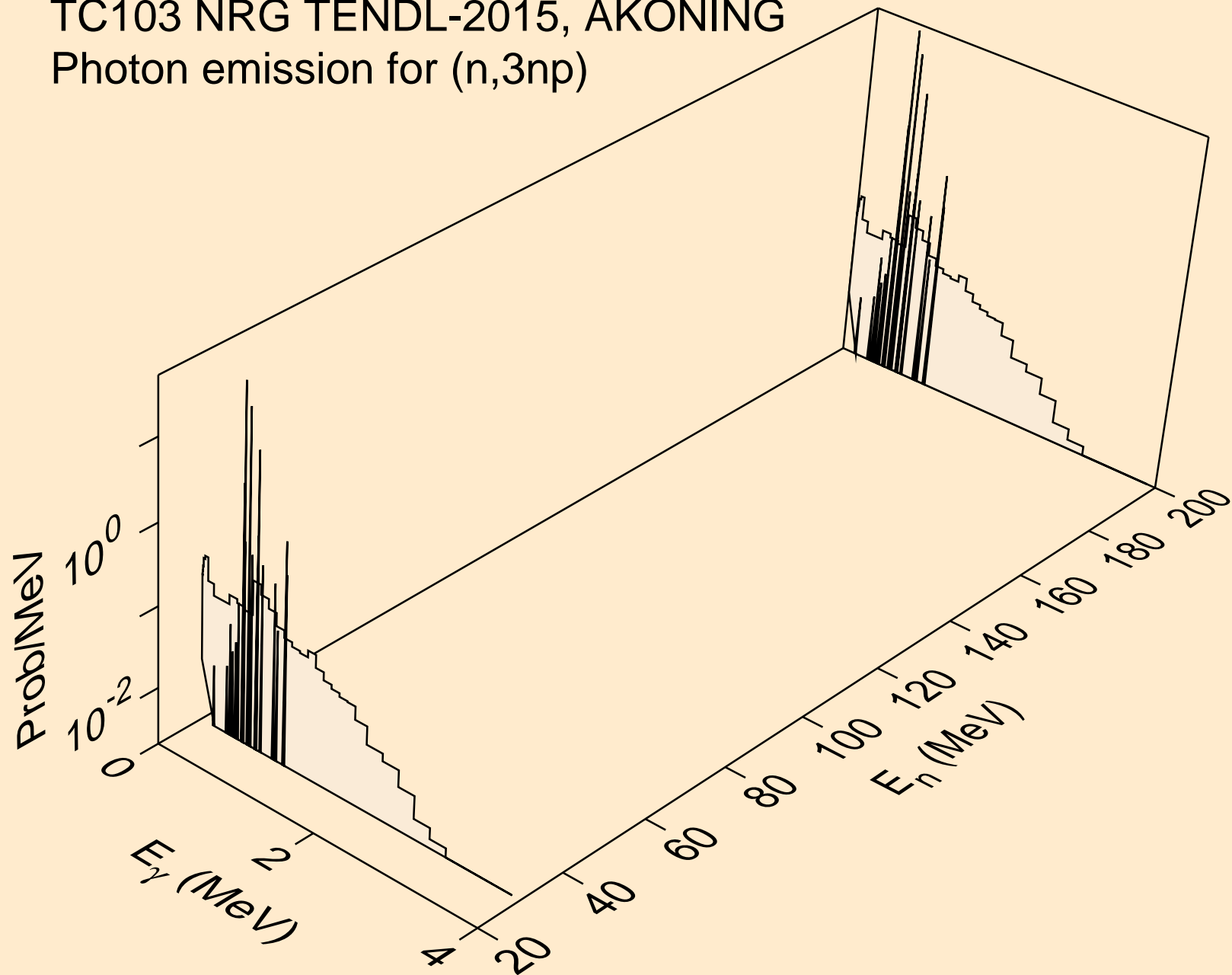
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

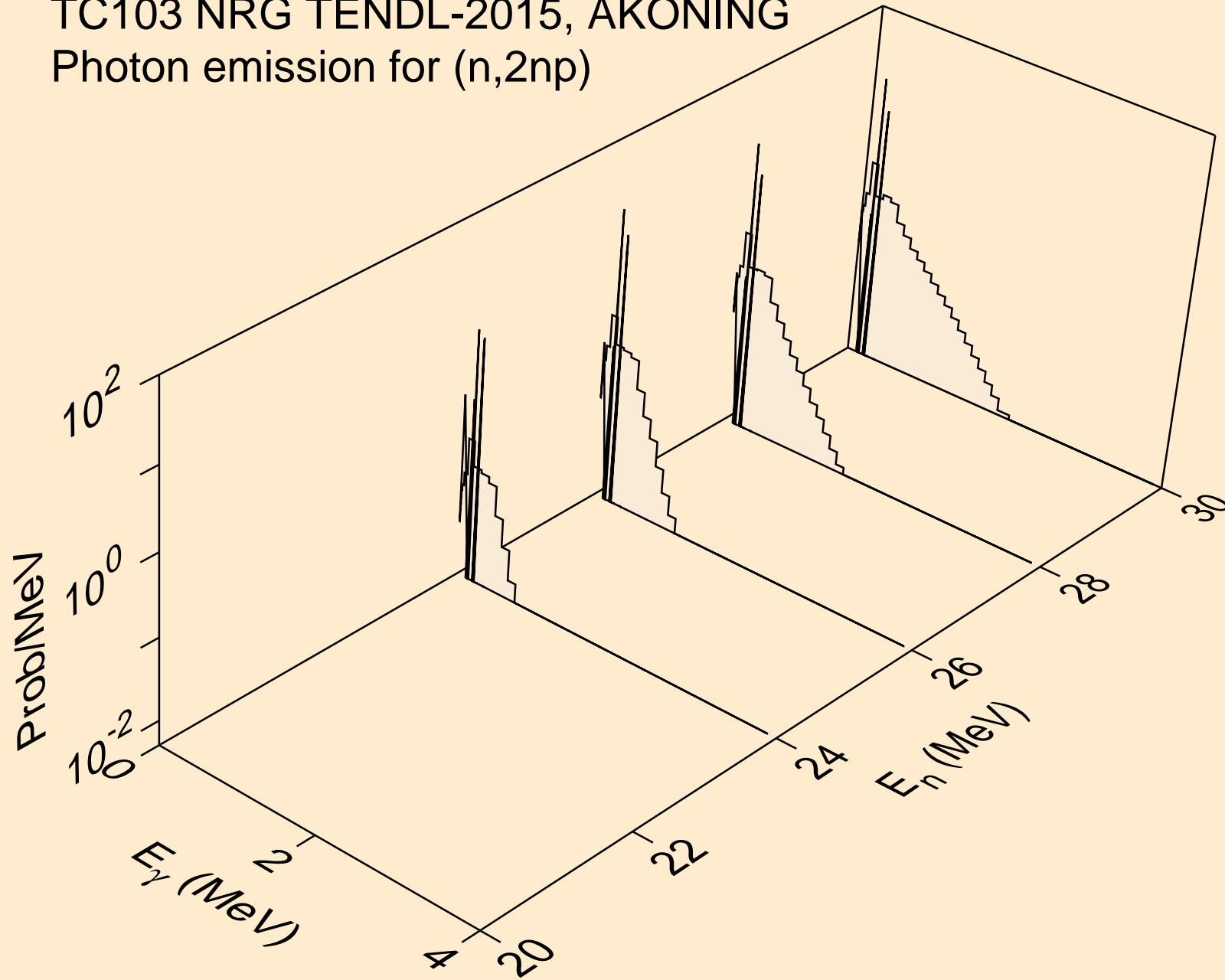


TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

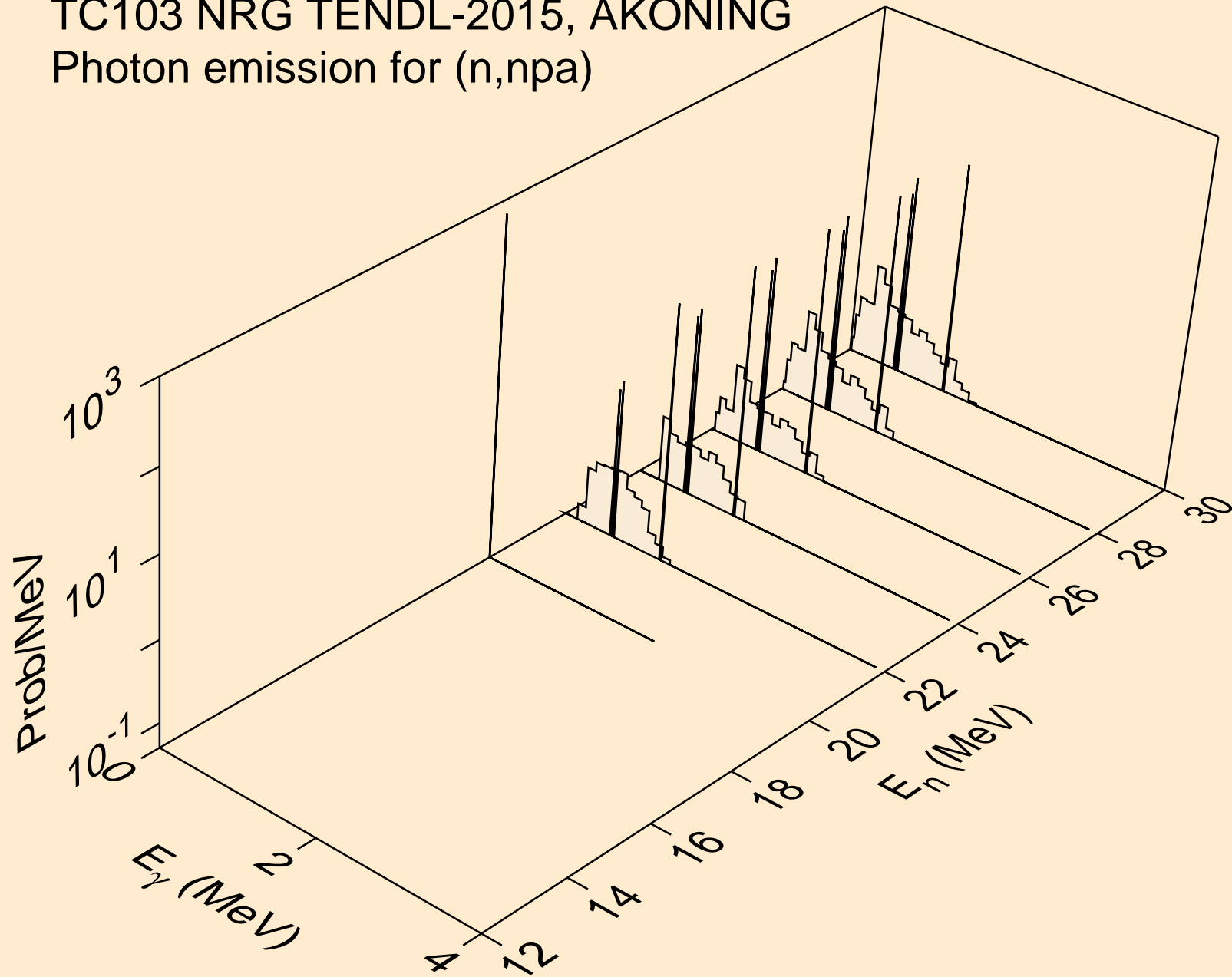




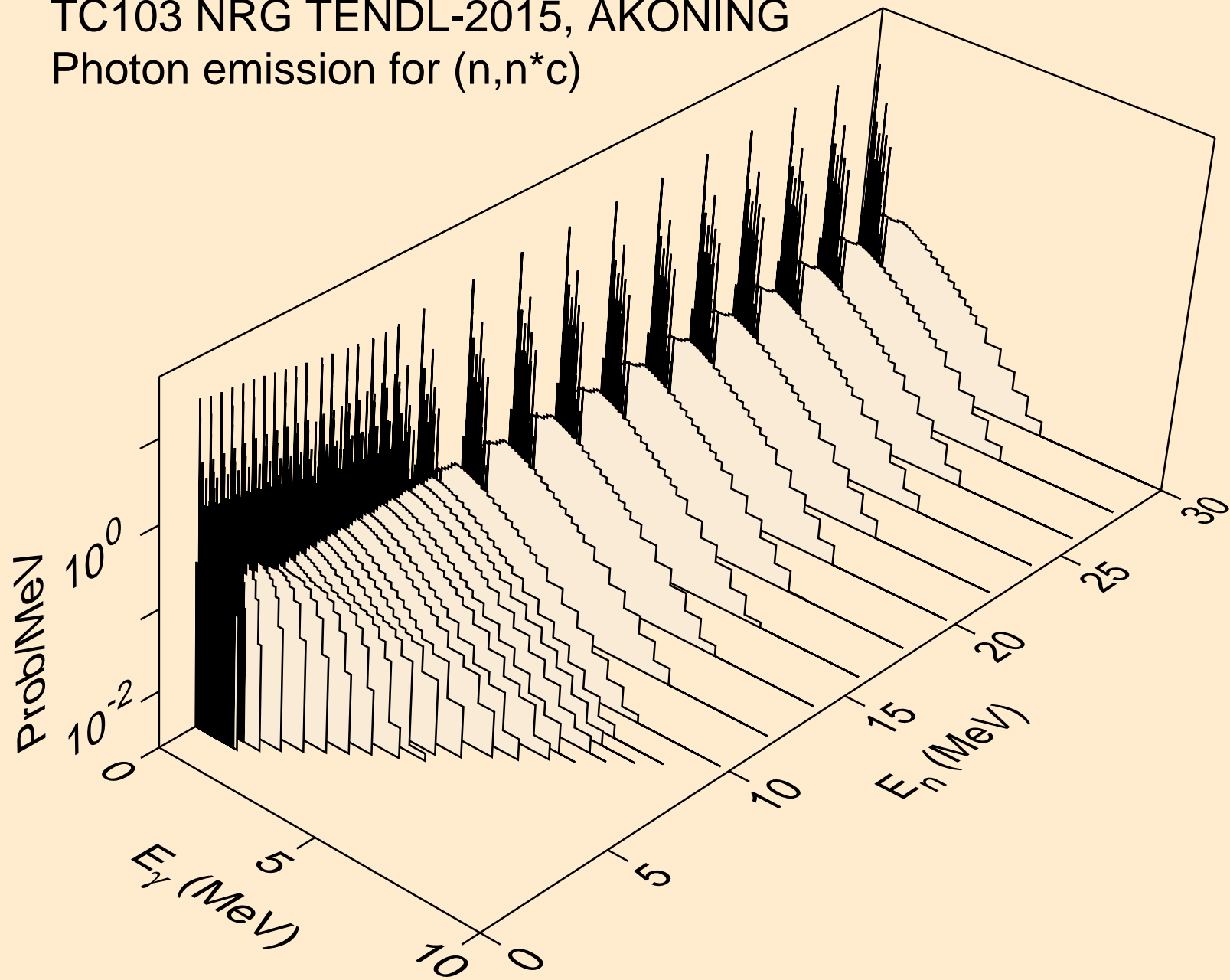
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



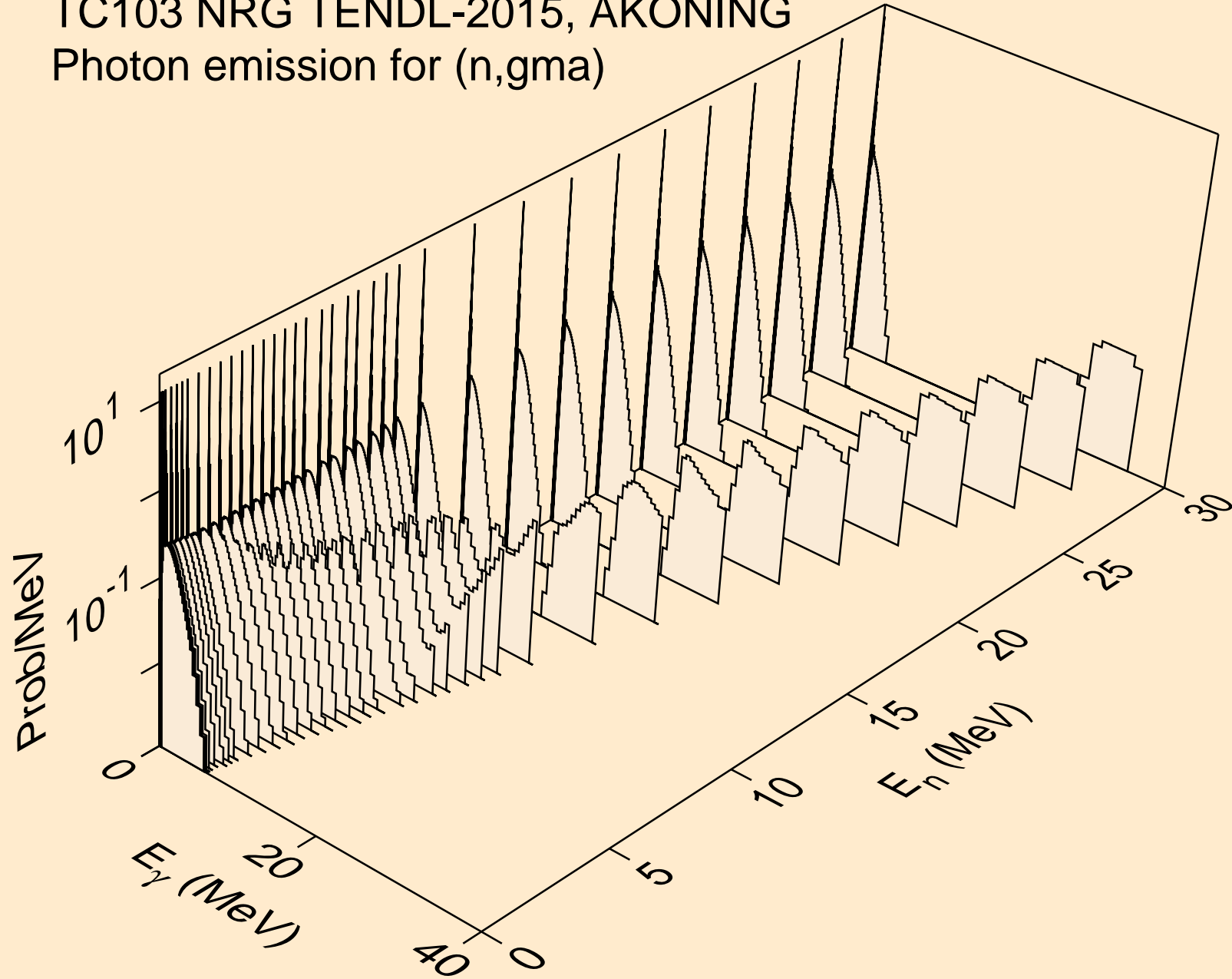
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



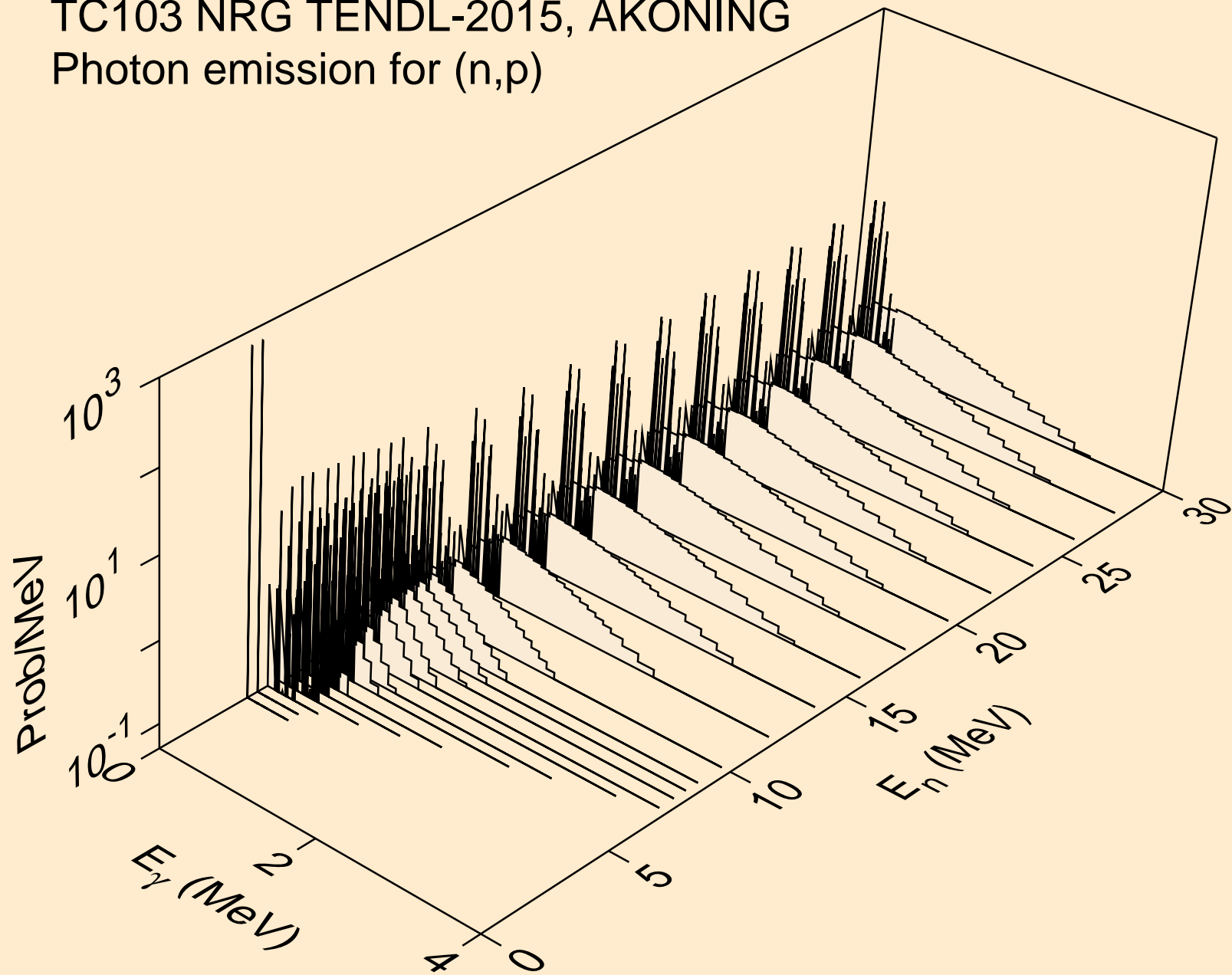
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



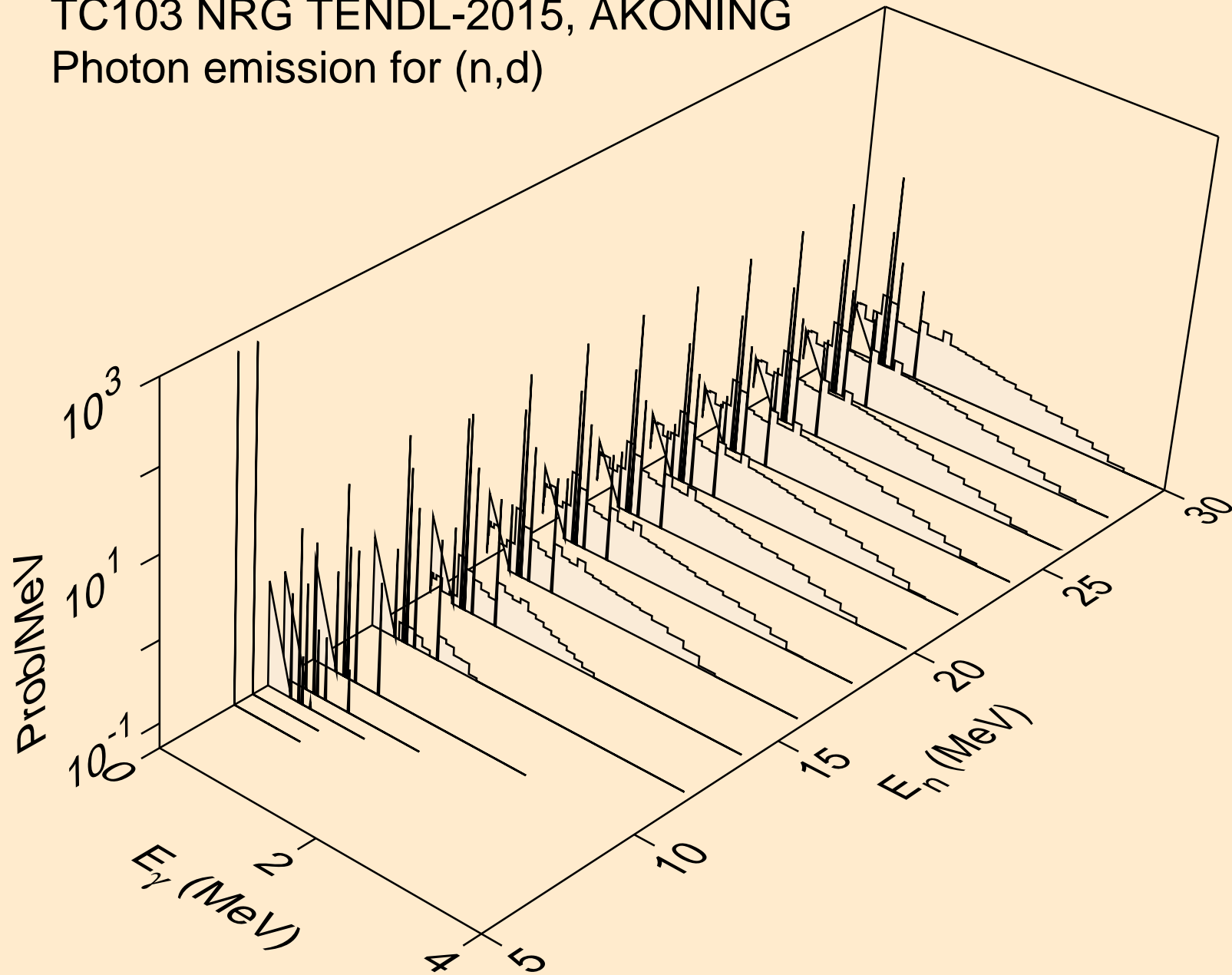
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



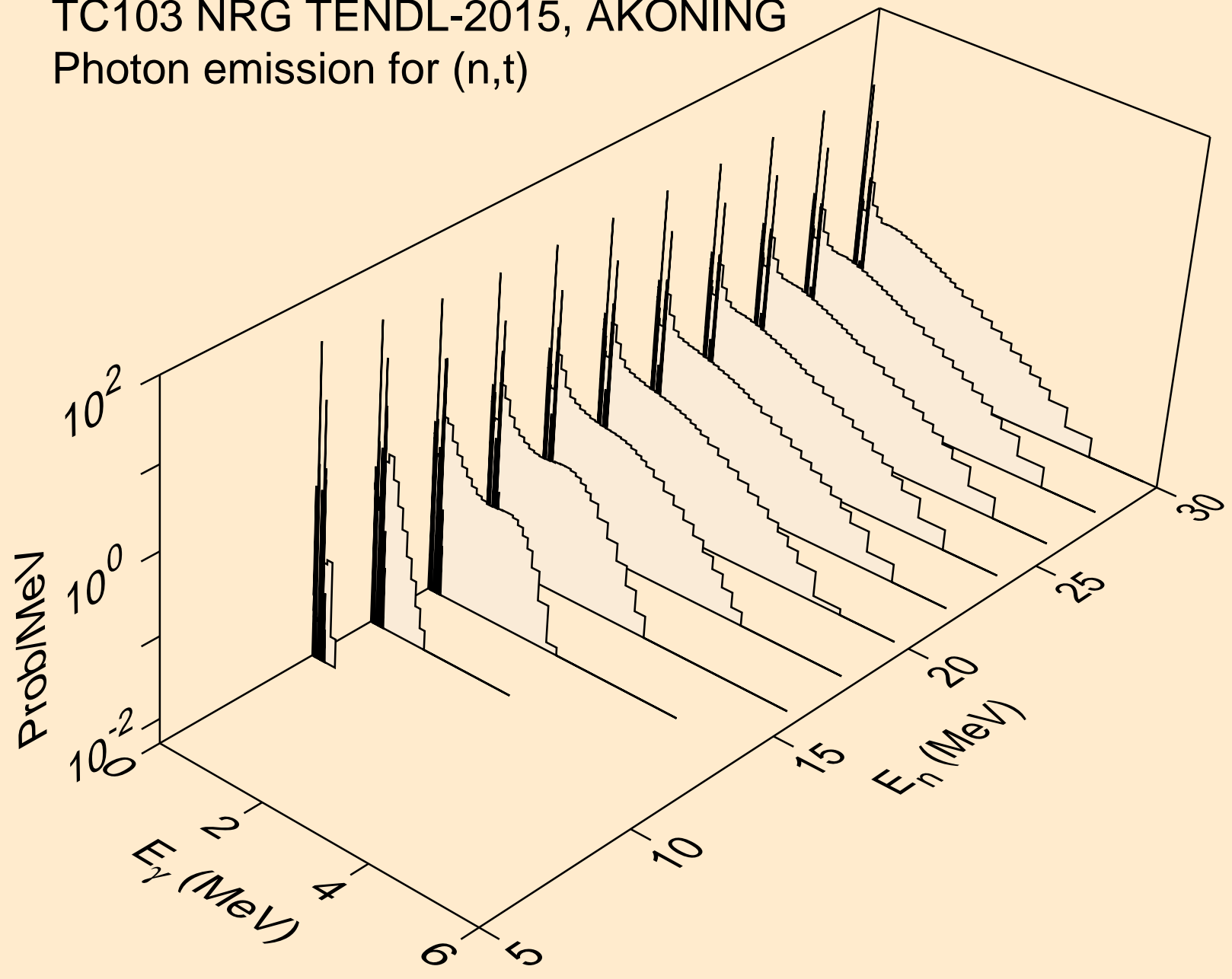
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



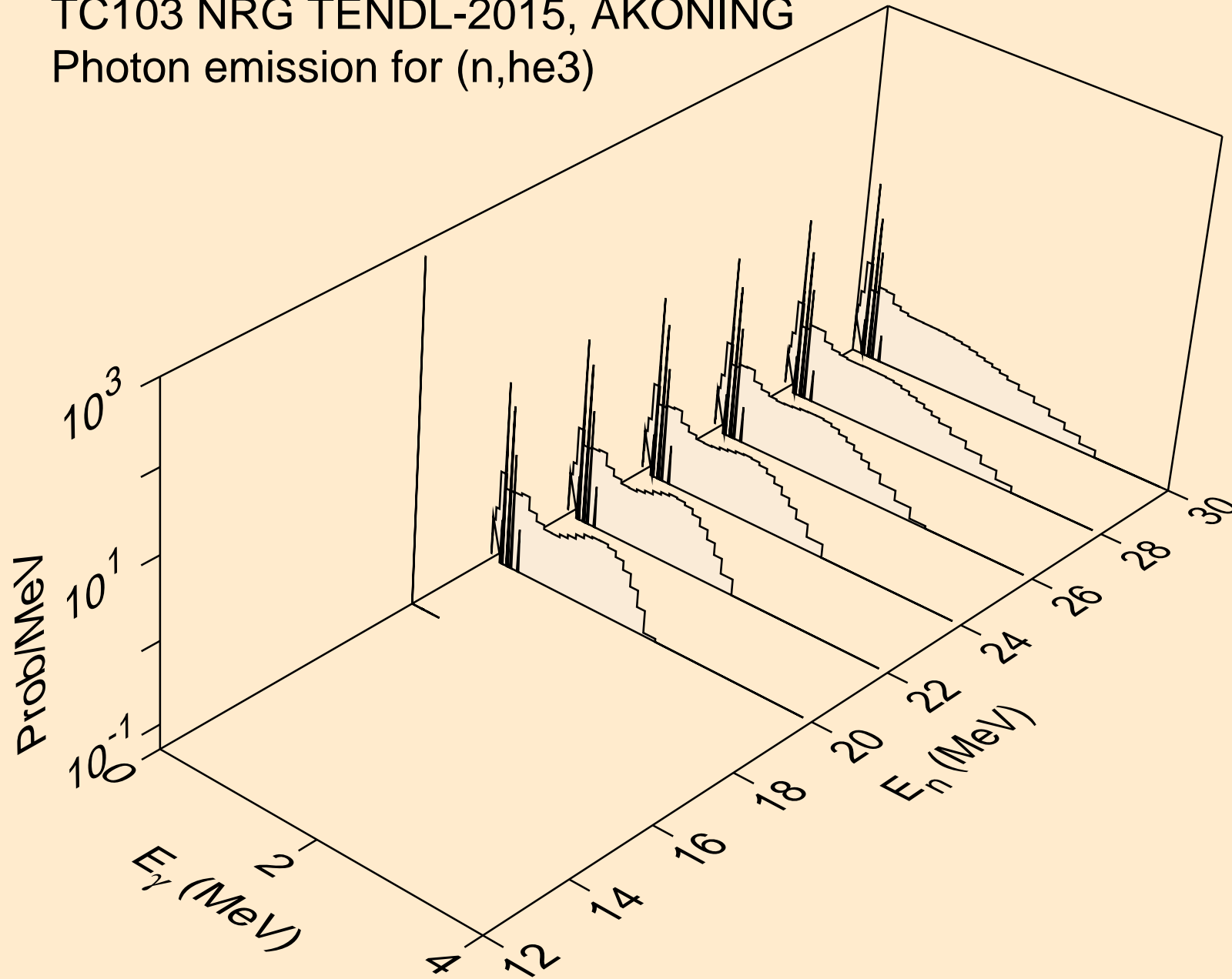
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

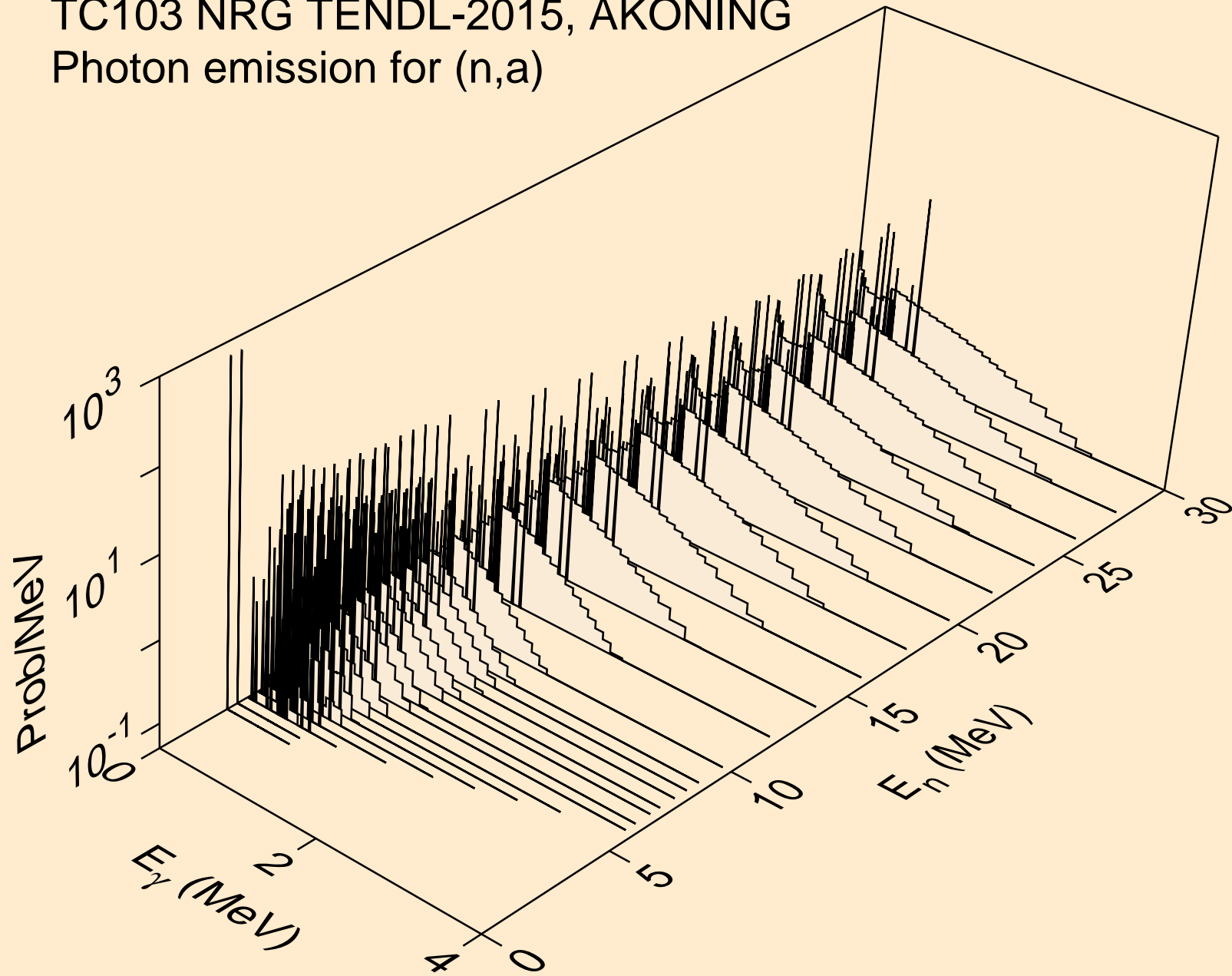


TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

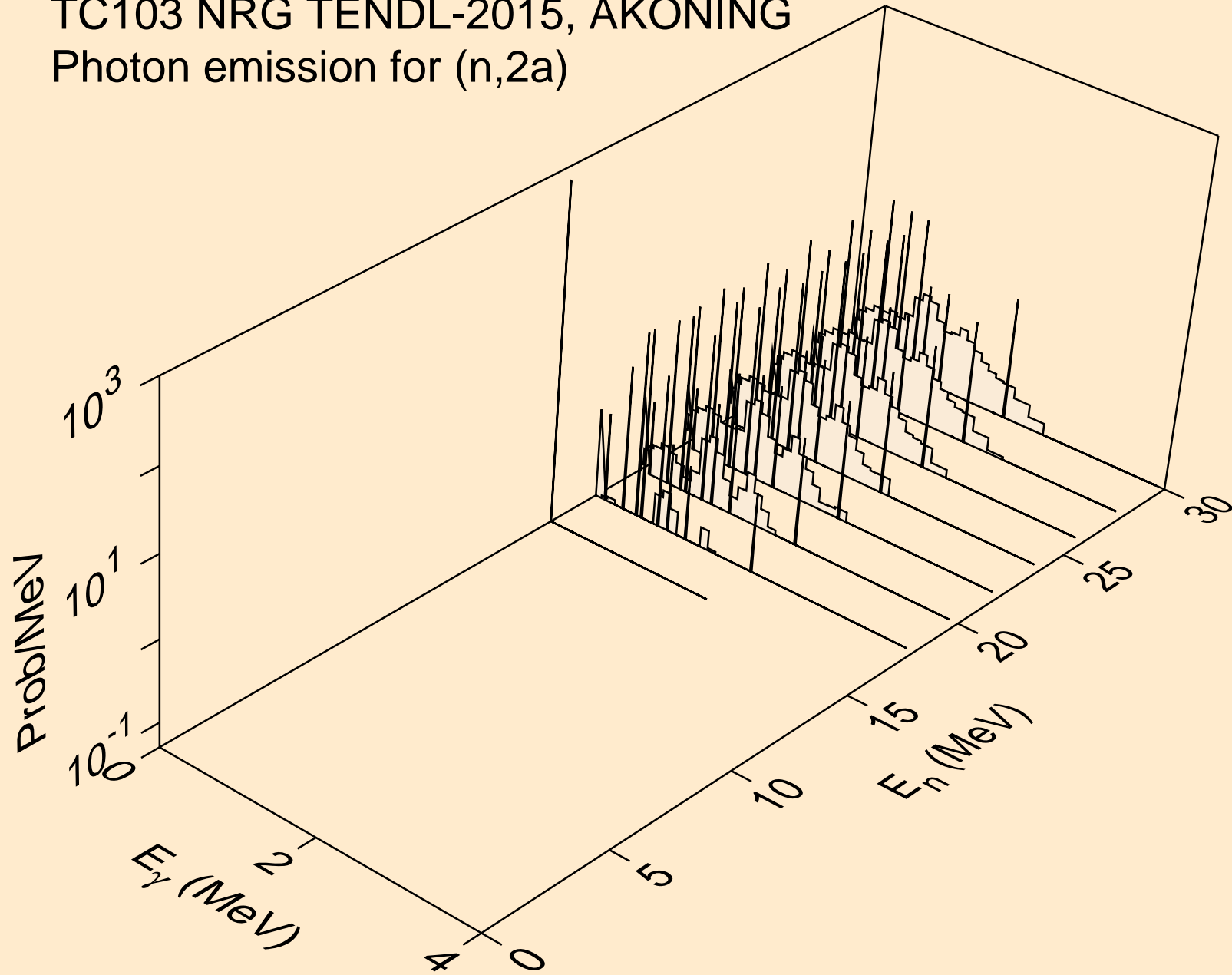




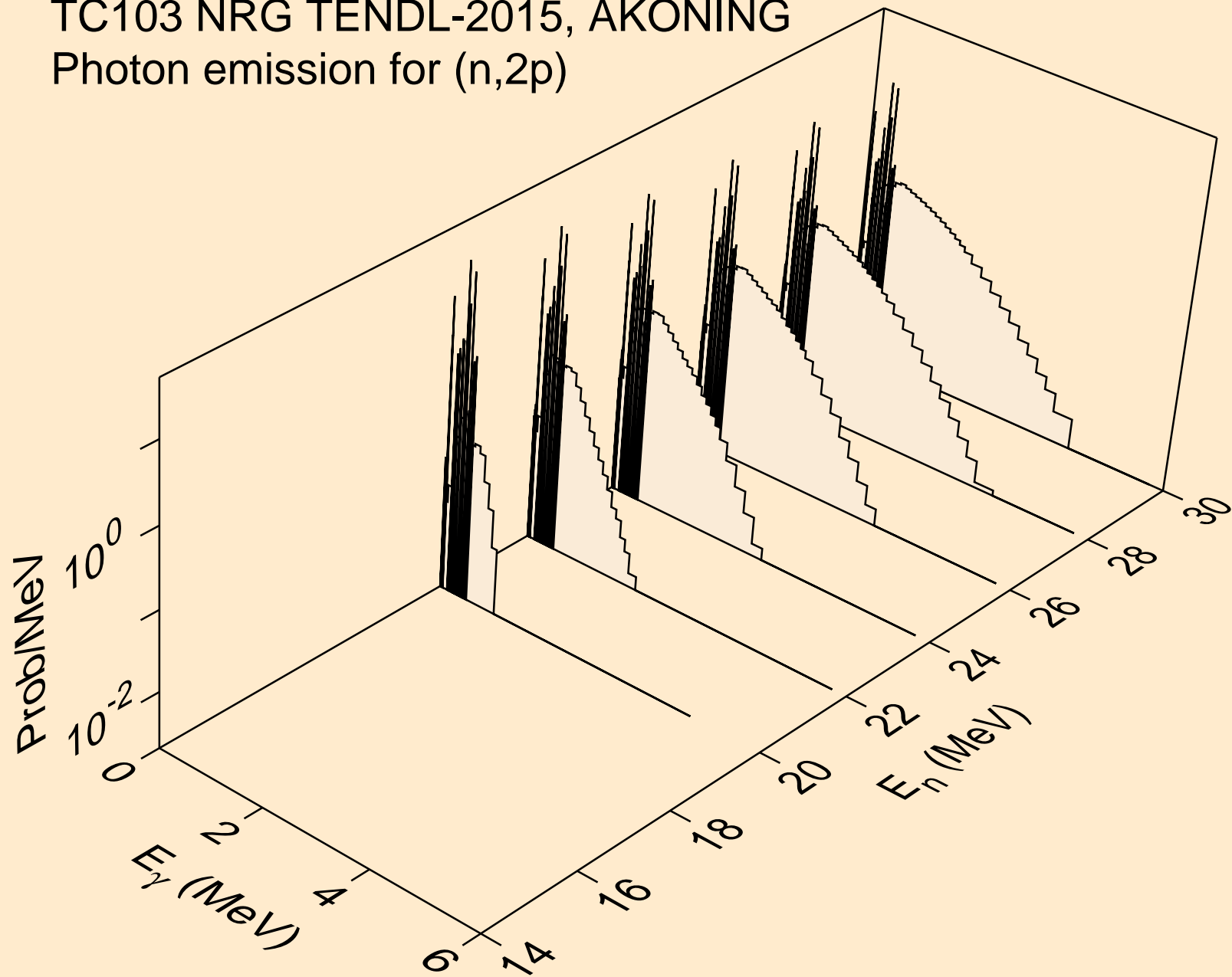
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



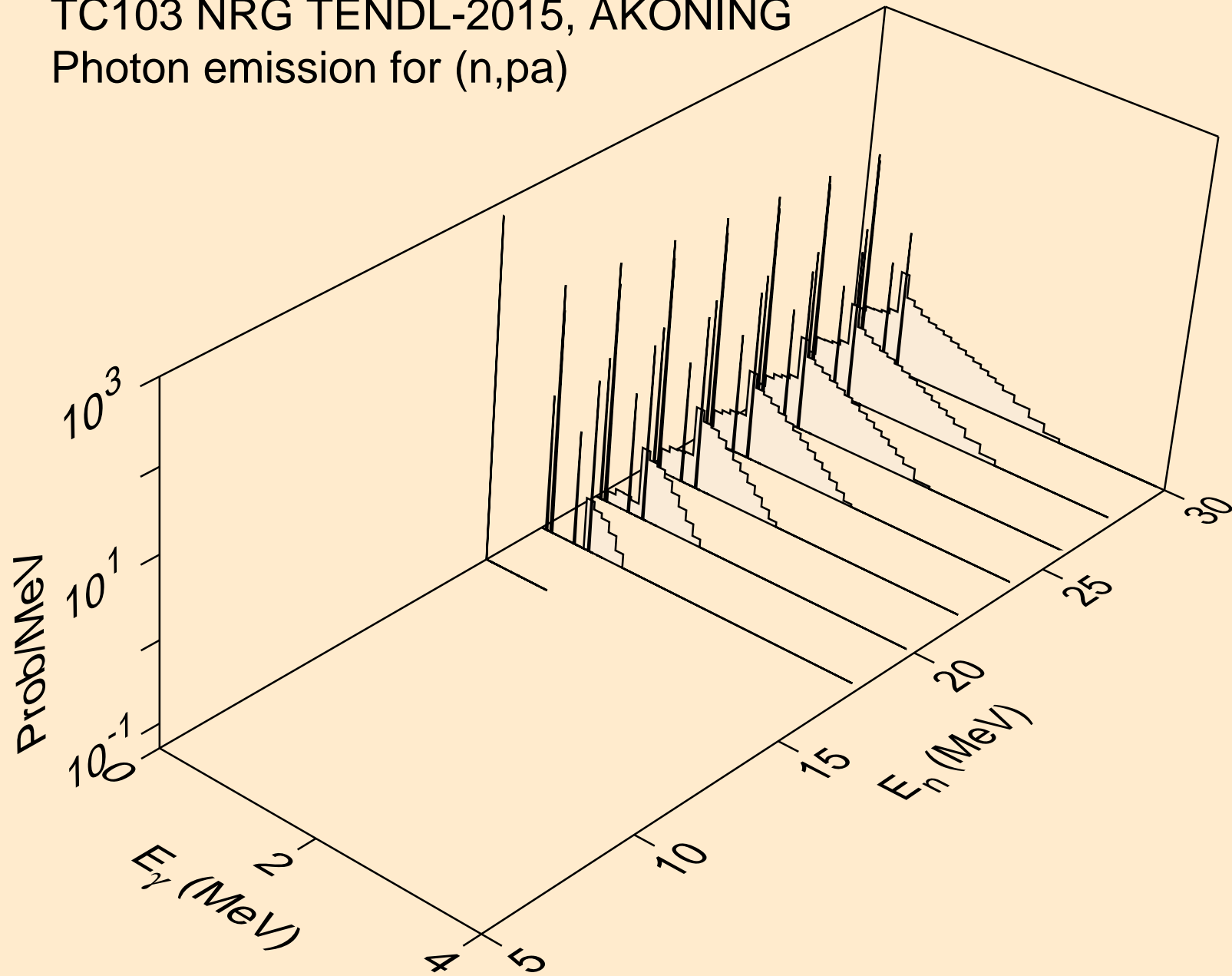
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



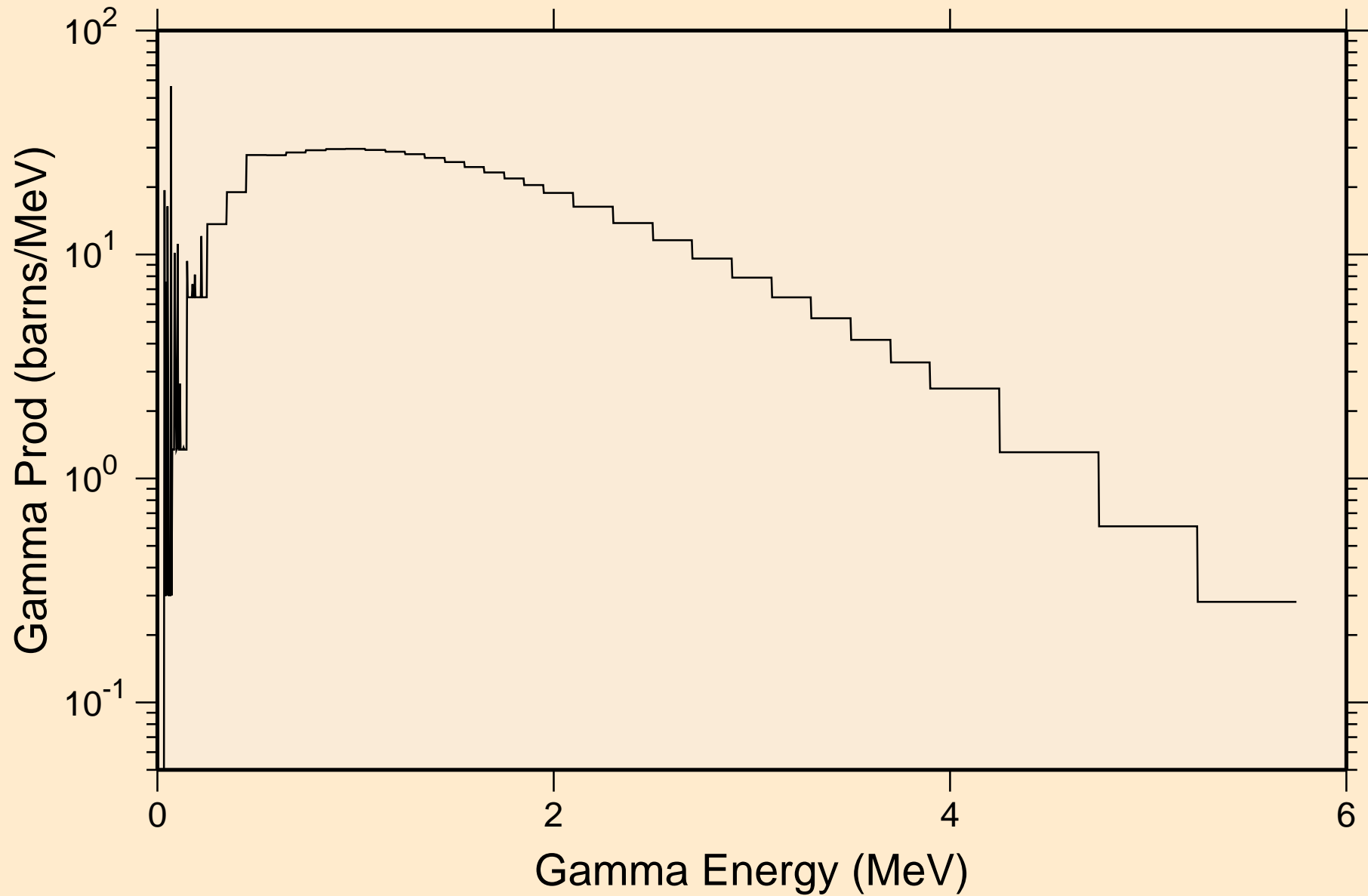
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



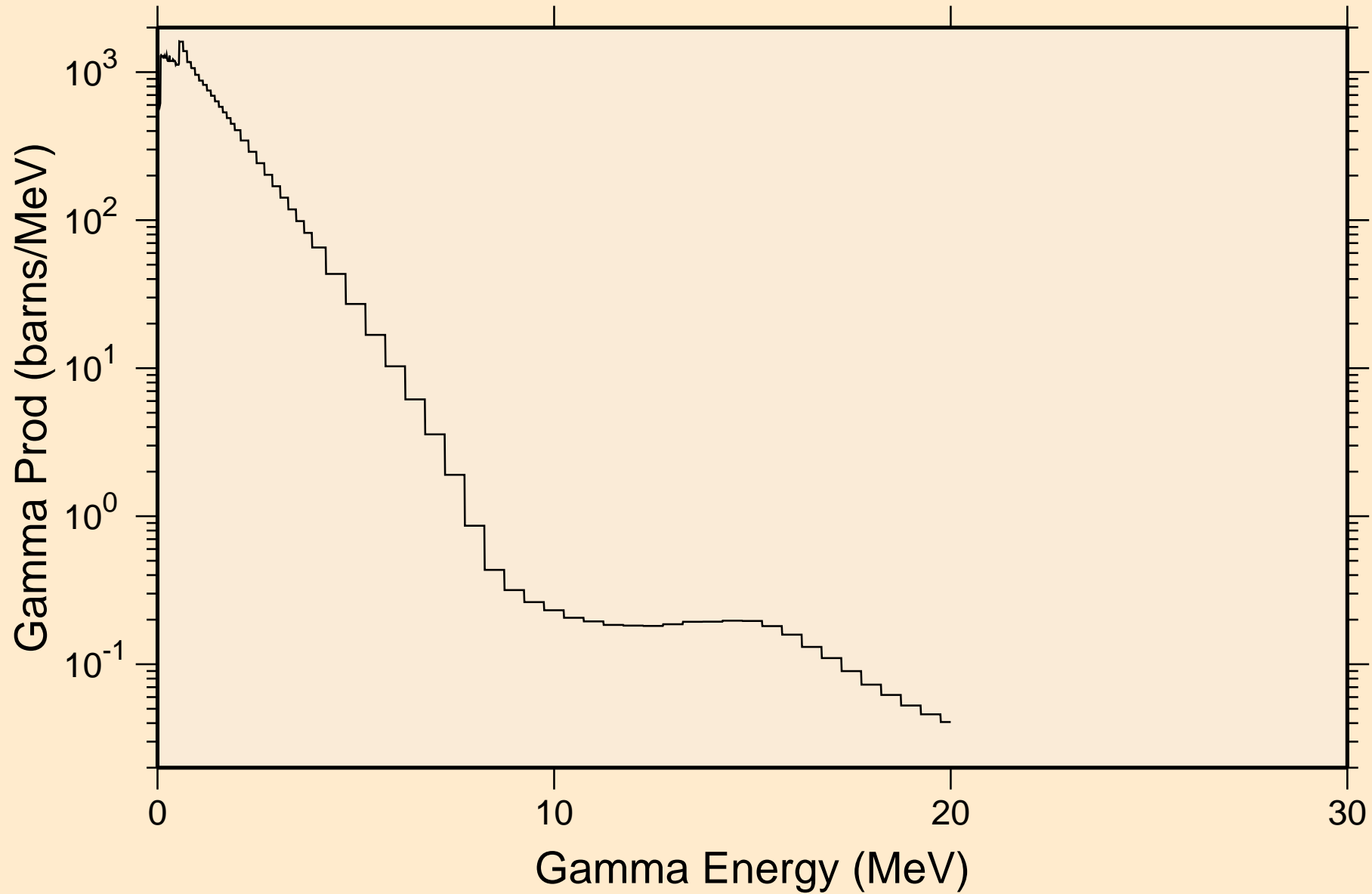
TC103 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



TC103 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

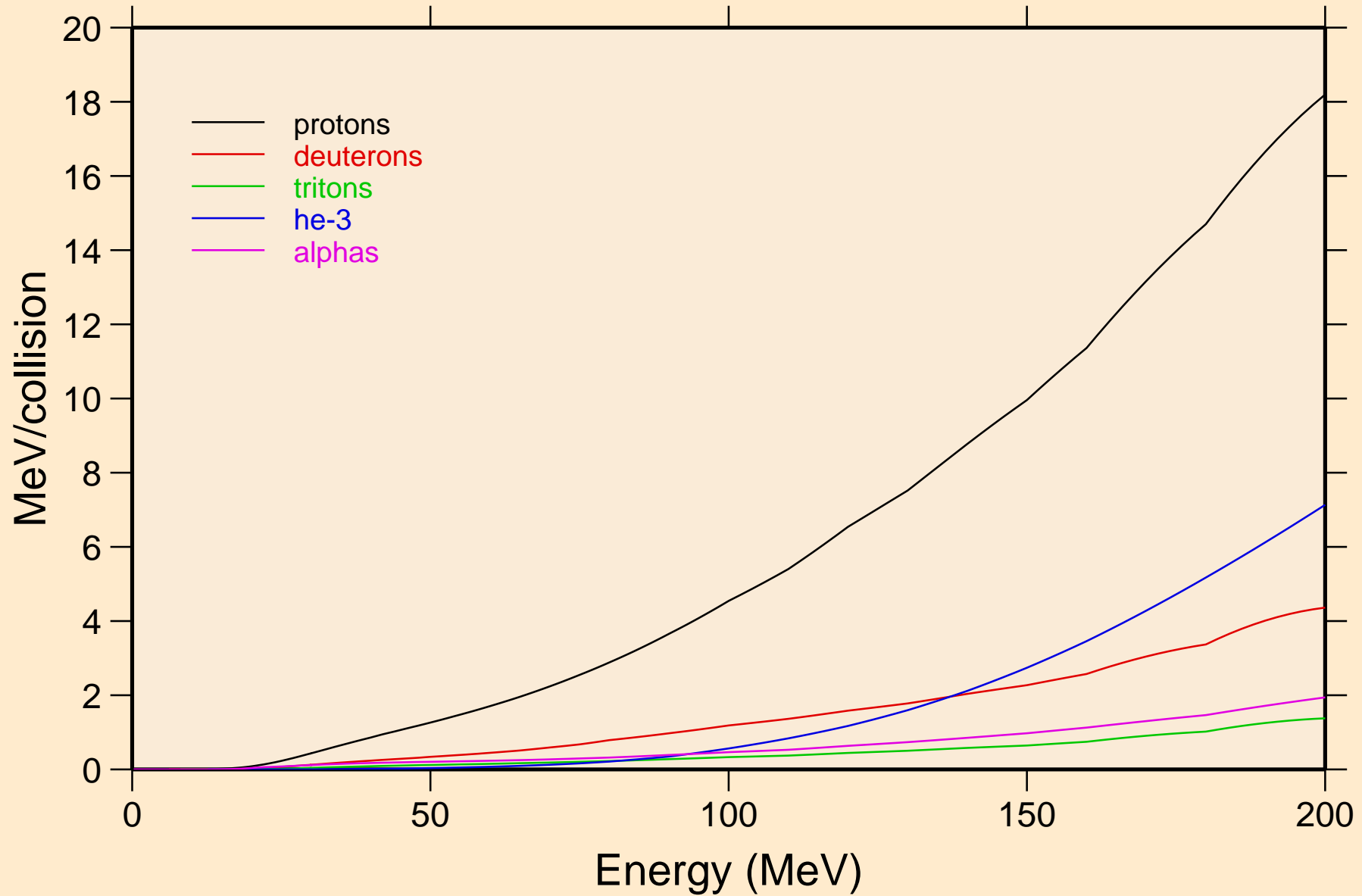


TC103 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



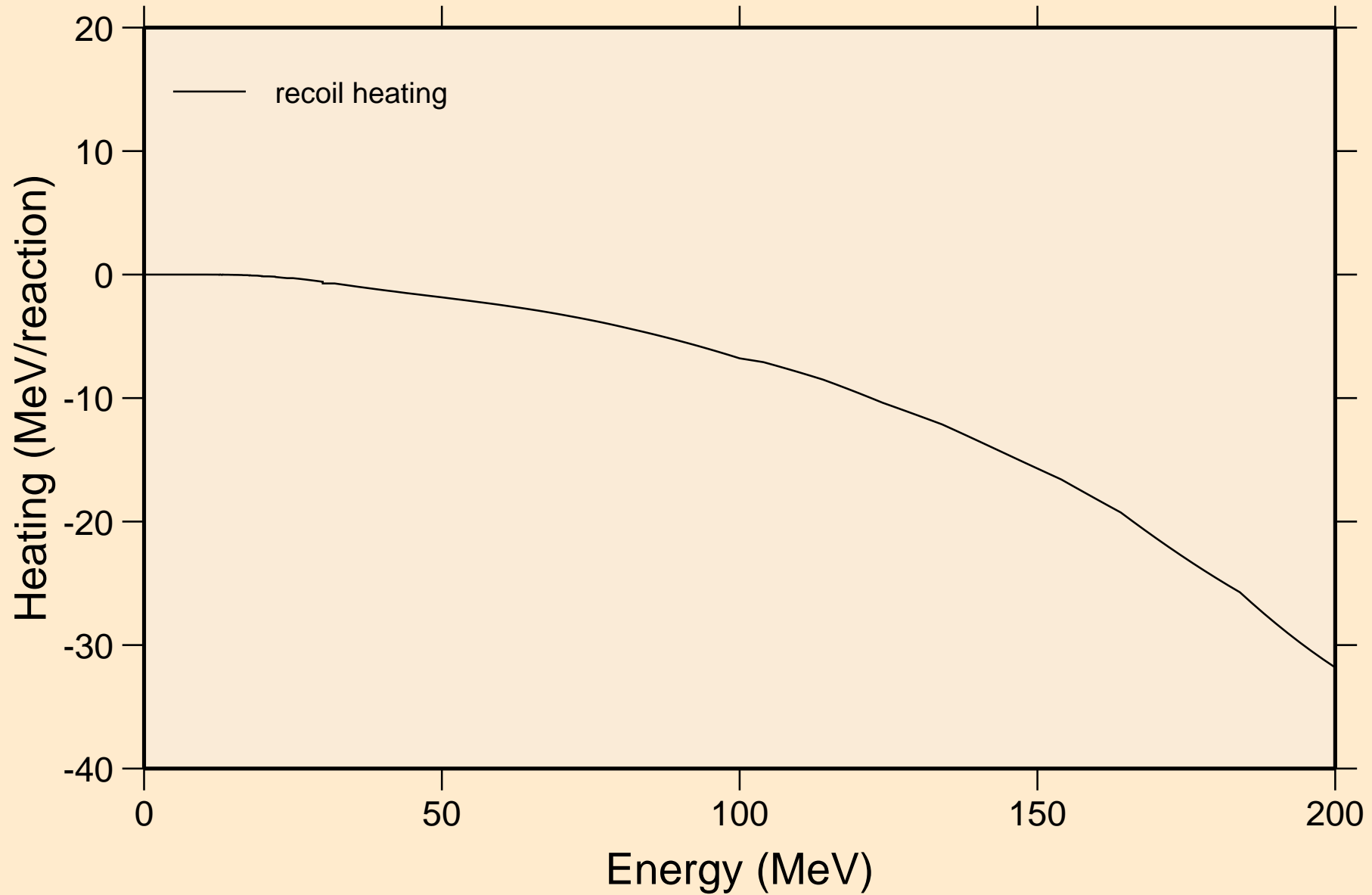
# TC103 NRG TENDL-2015, AKONING

## Particle heating contributions



# TC103 NRG TENDL-2015, AKONING

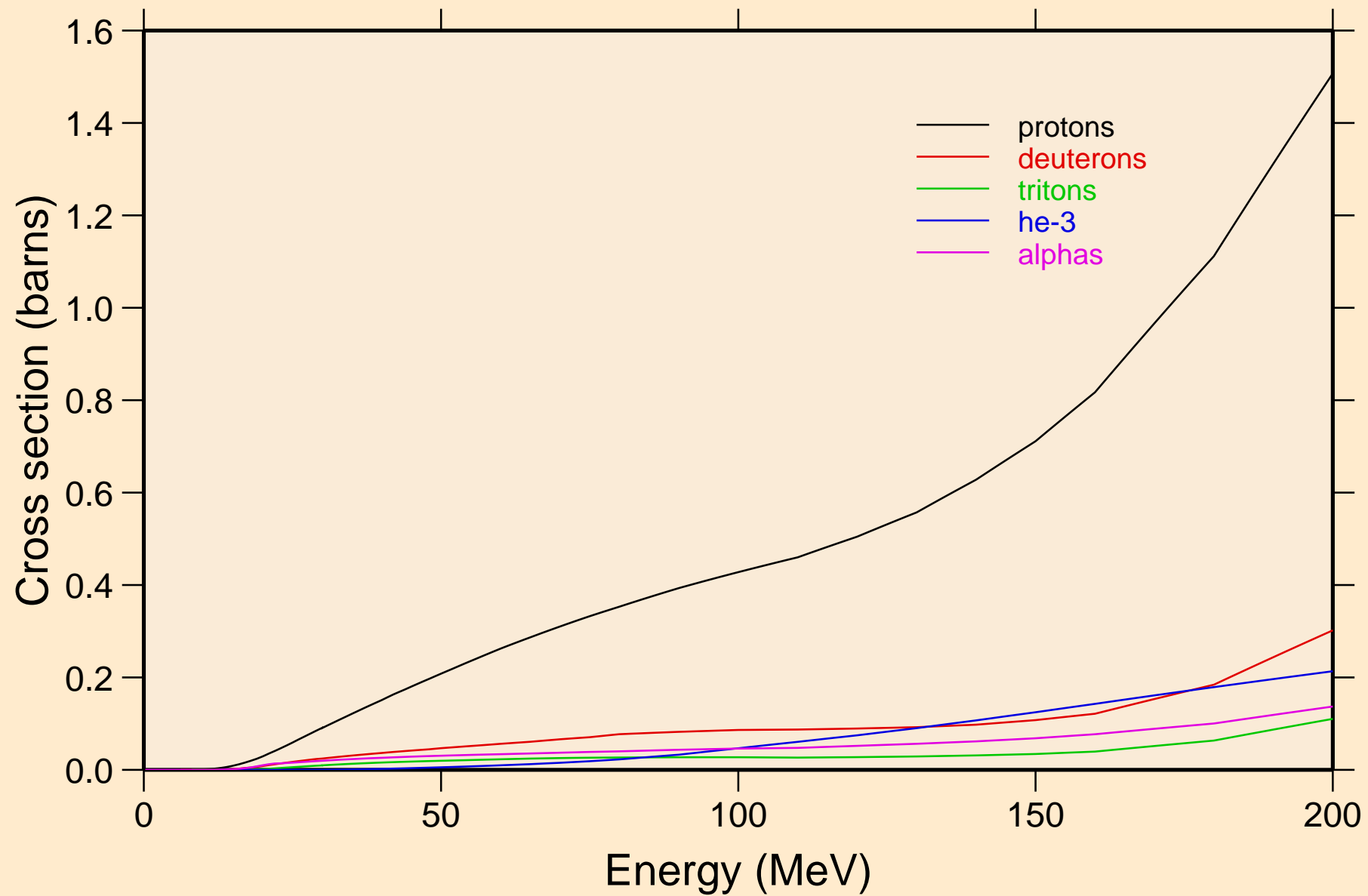
## Recoil Heating



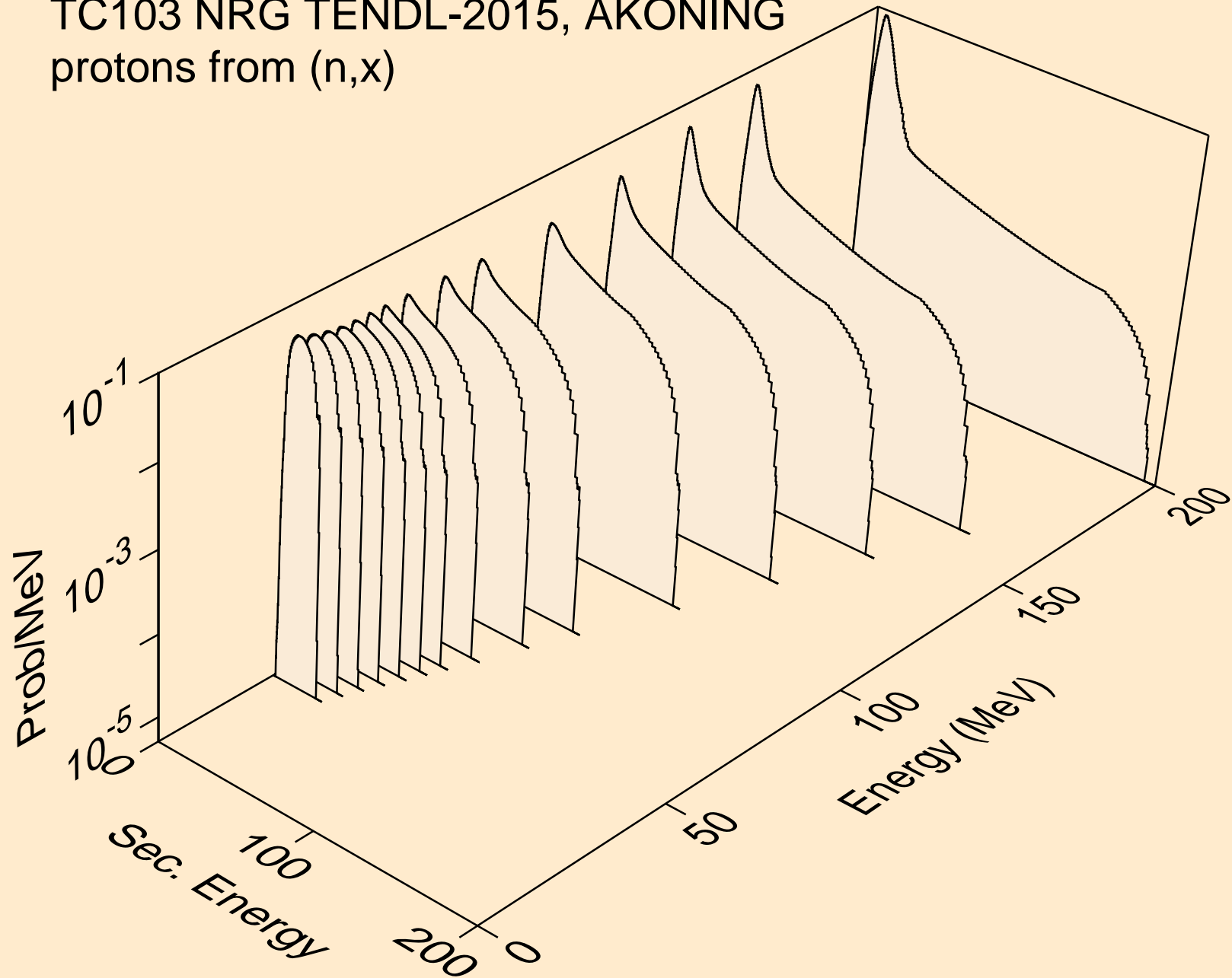


# TC103 NRG TENDL-2015, AKONING

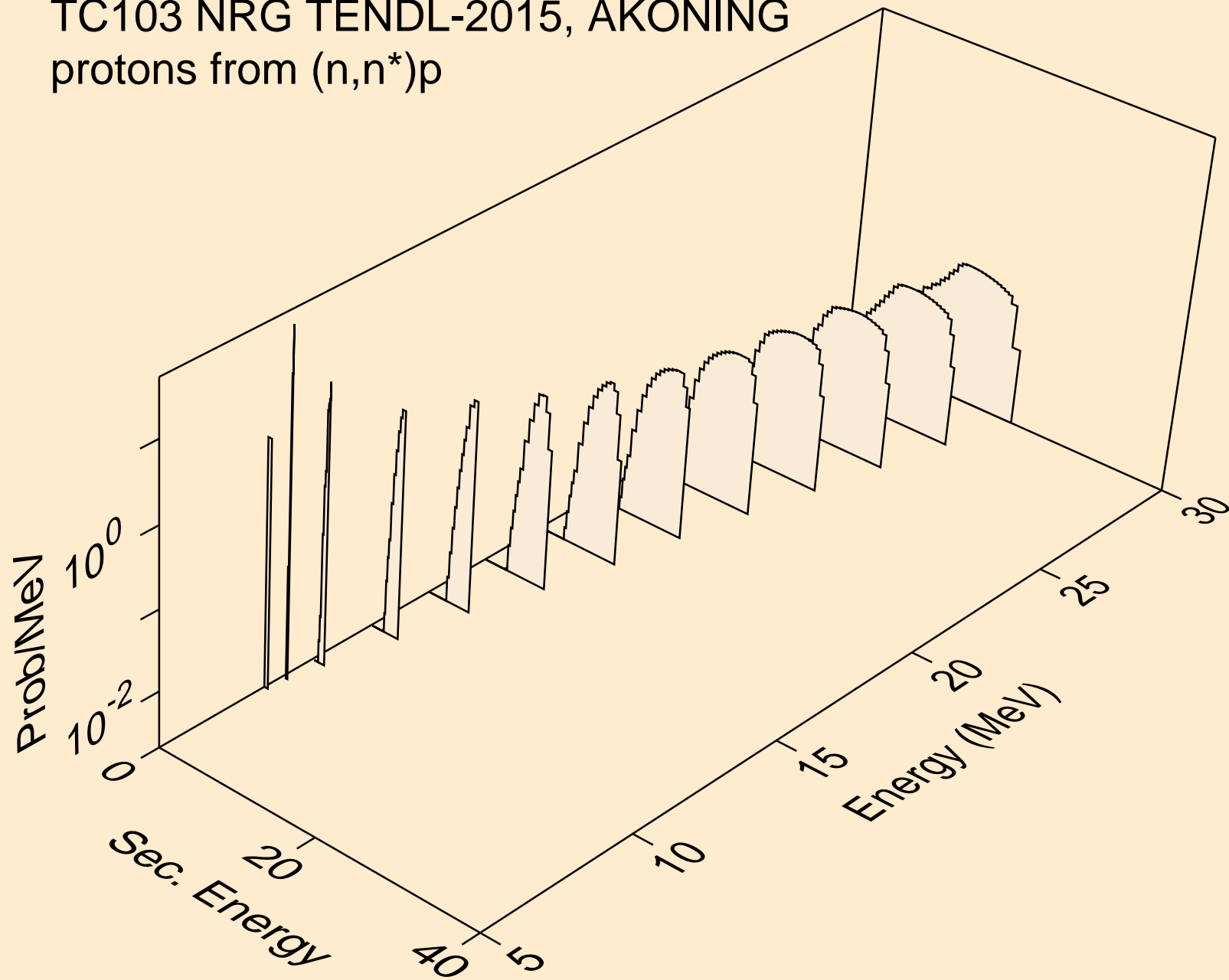
## Particle production cross sections



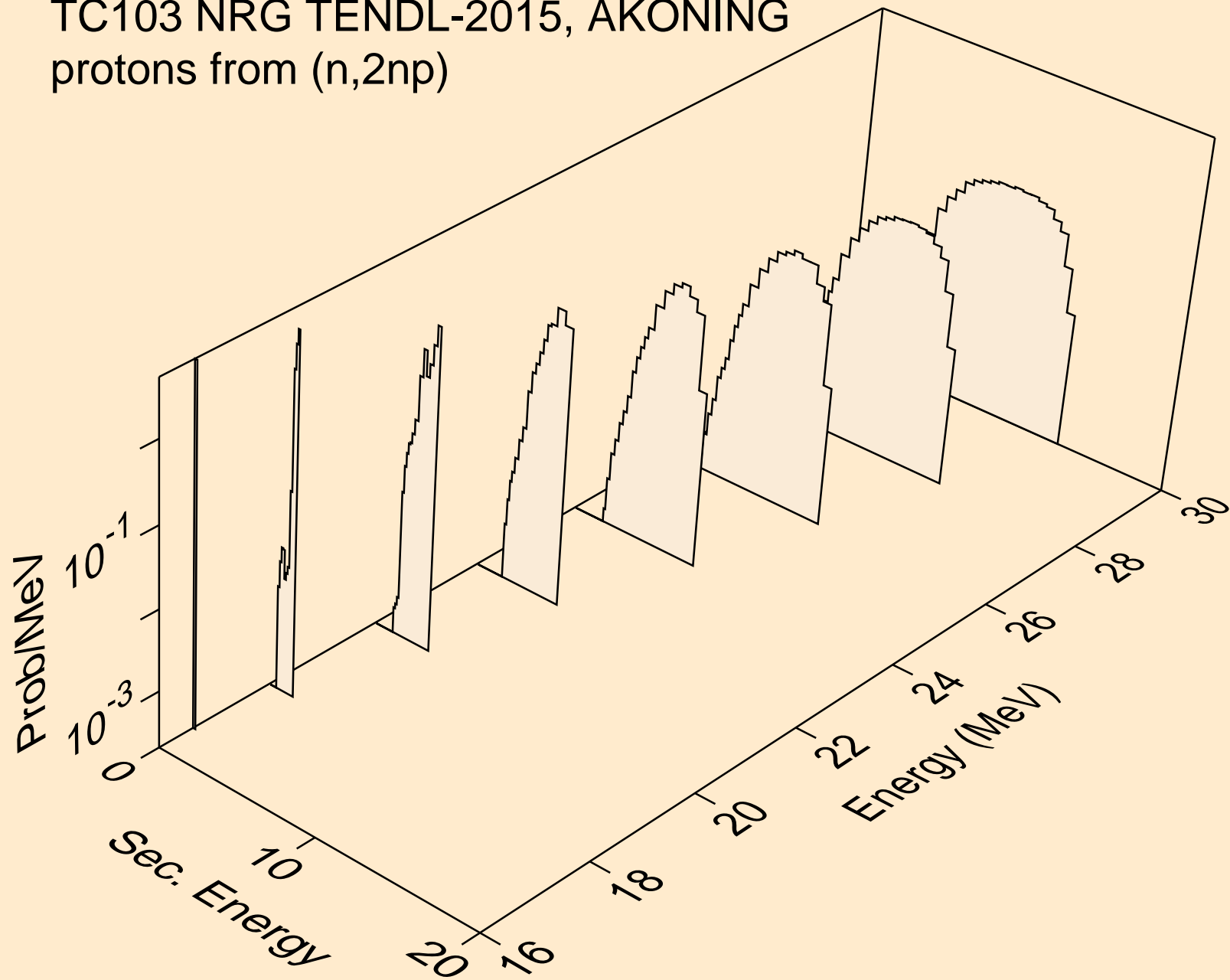
TC103 NRG TENDL-2015, AKONING  
protons from (n,x)



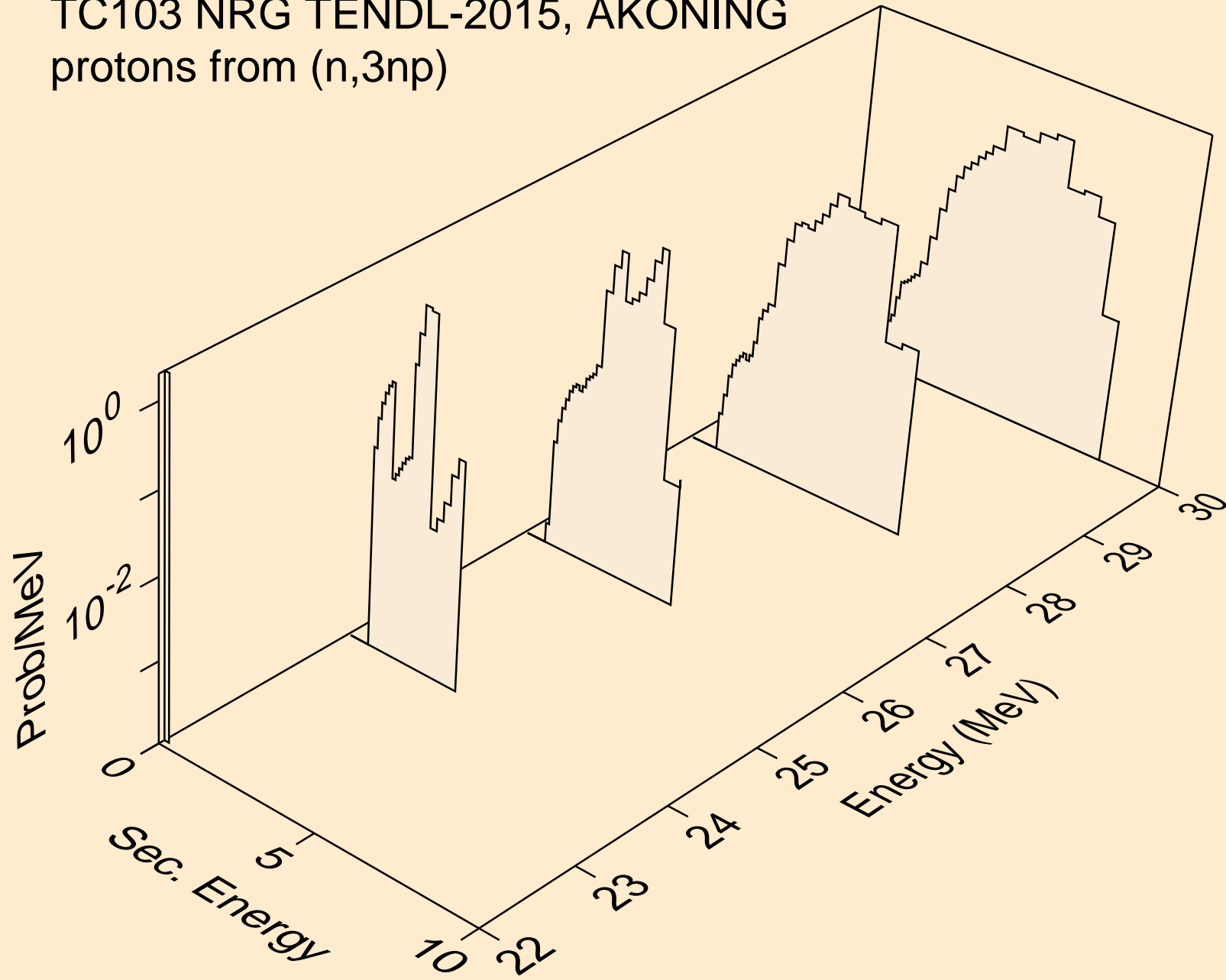
TC103 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



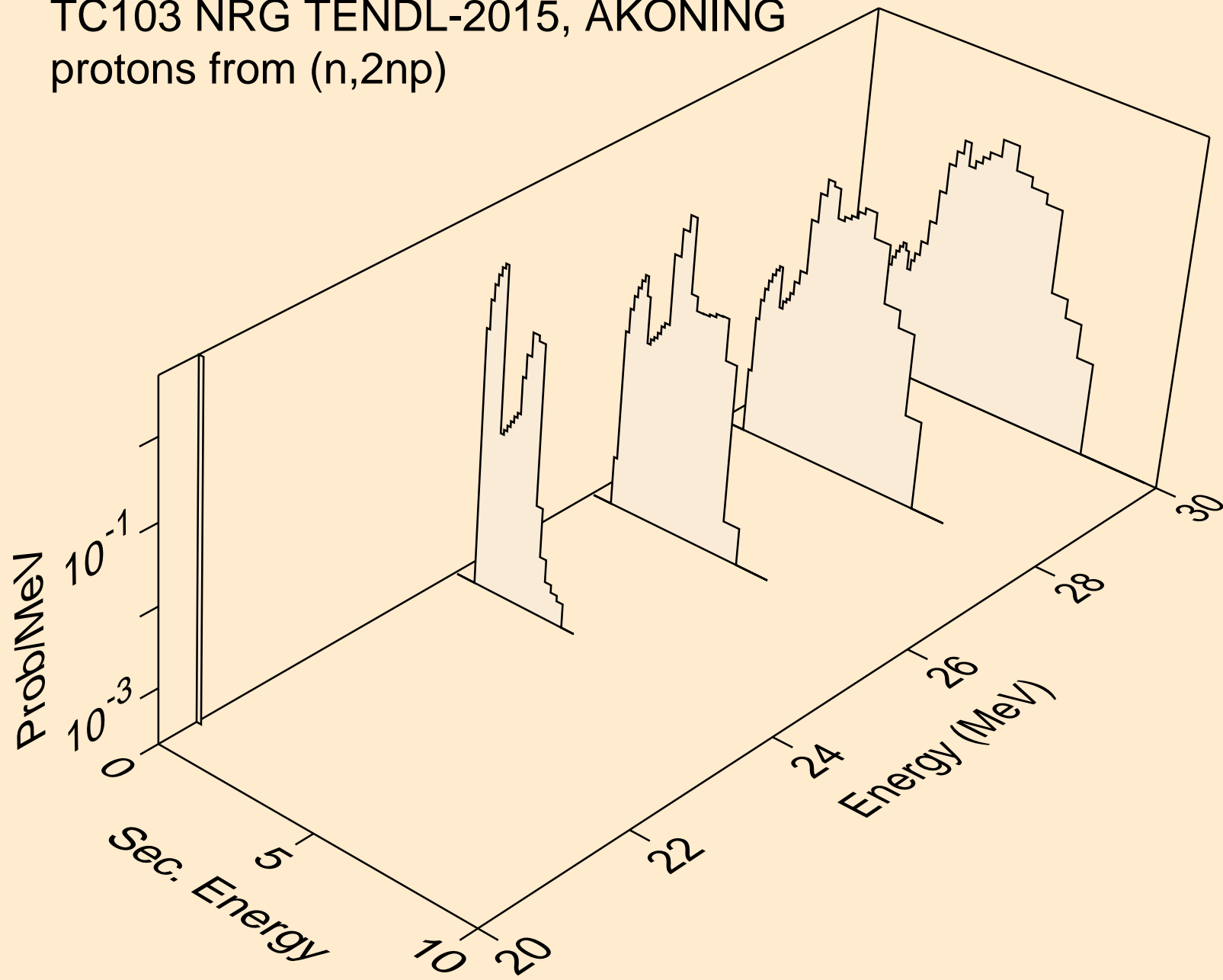
TC103 NRG TENDL-2015, AKONING  
protons from (n,2np)



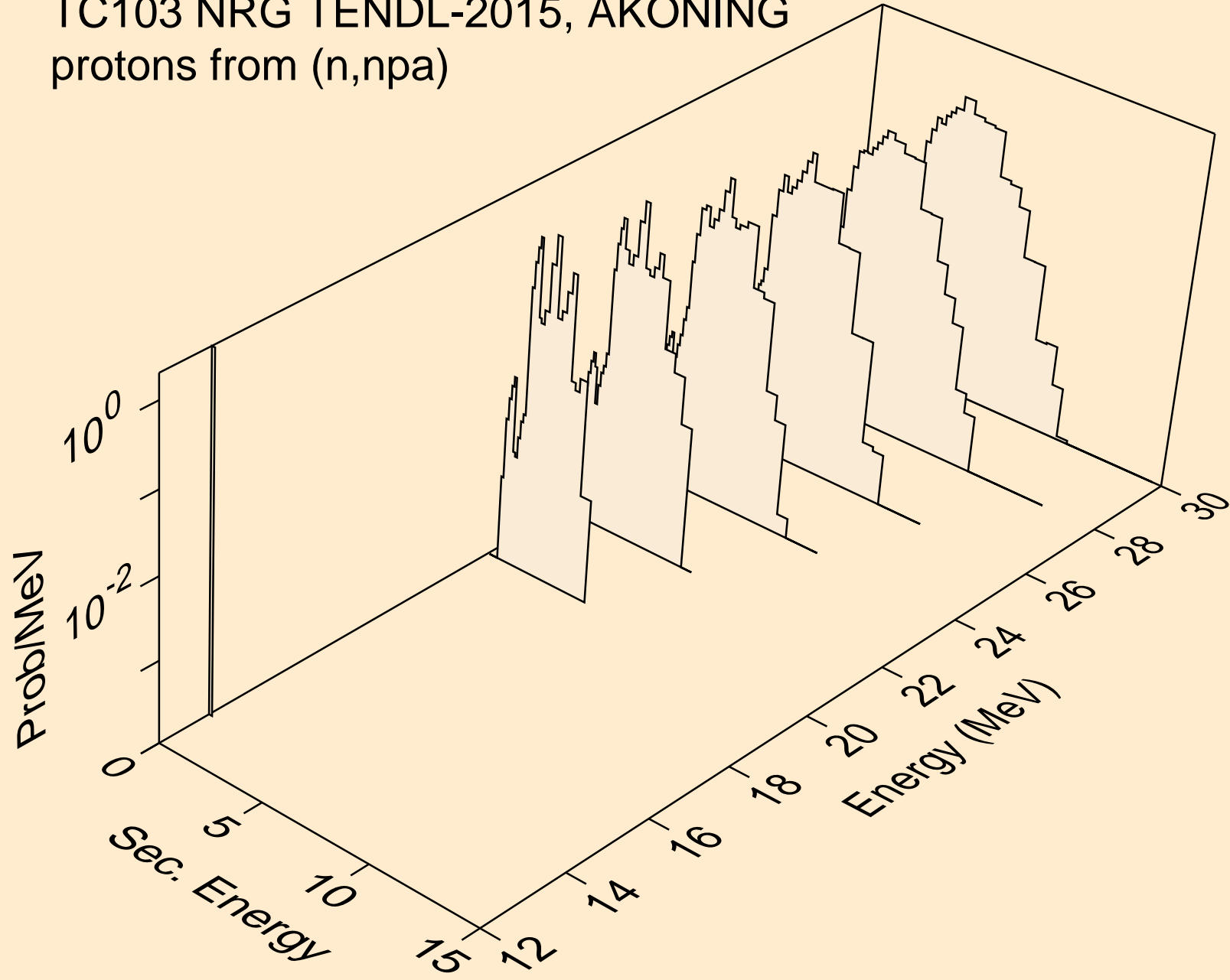
TC103 NRG TENDL-2015, AKONING  
protons from (n,3np)



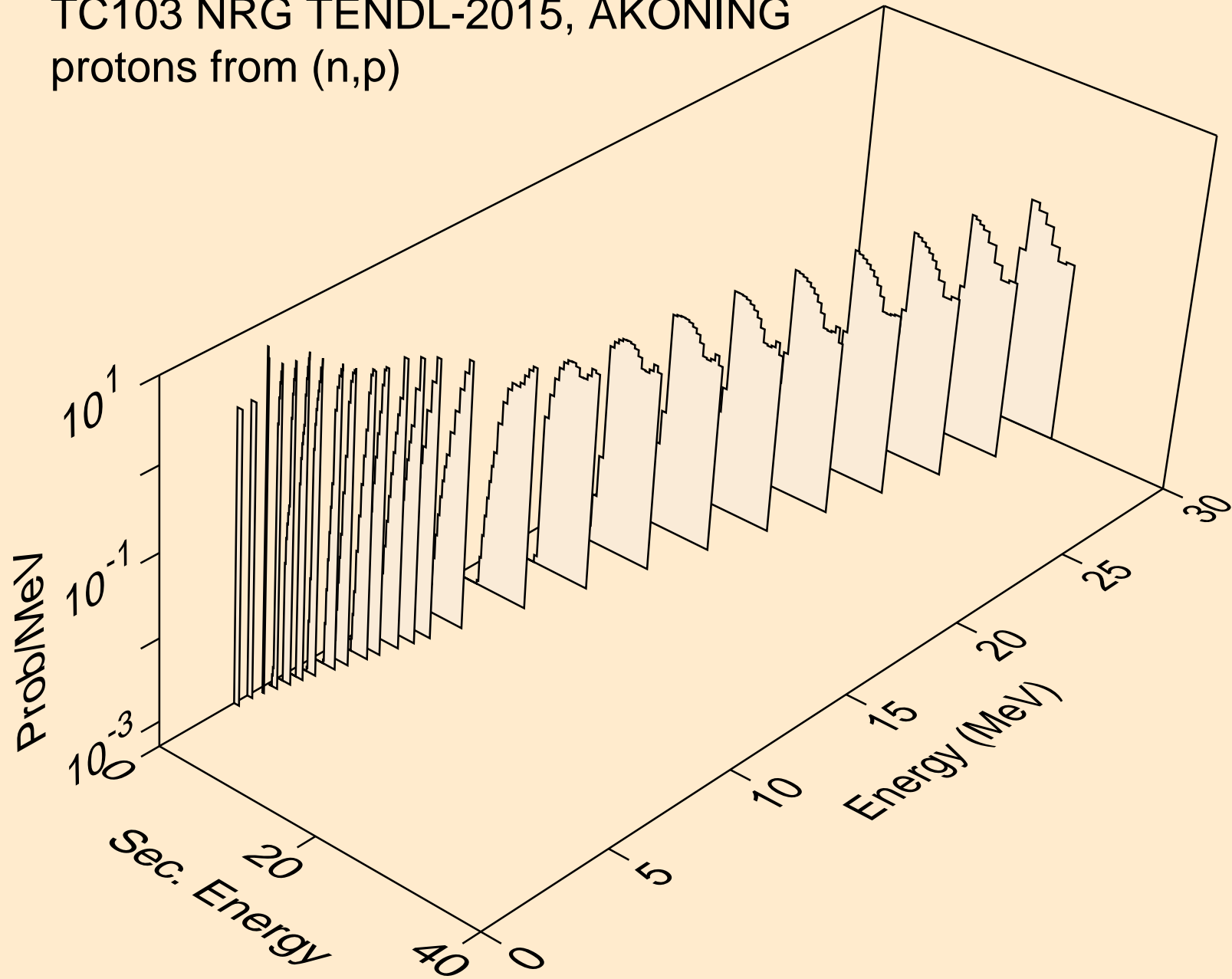
TC103 NRG TENDL-2015, AKONING  
protons from (n,2np)



TC103 NRG TENDL-2015, AKONING  
protons from (n,npa)

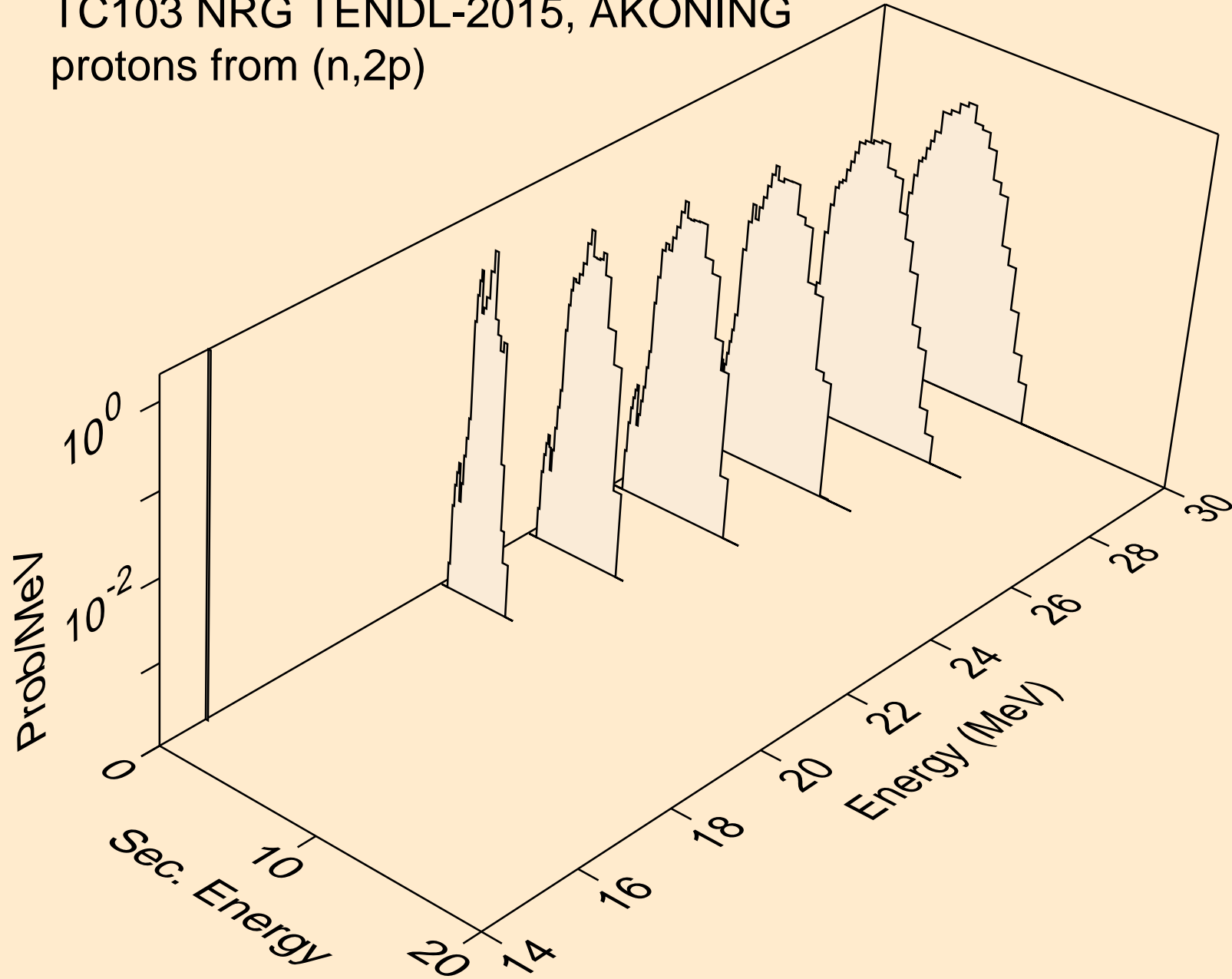


TC103 NRG TENDL-2015, AKONING  
protons from (n,p)

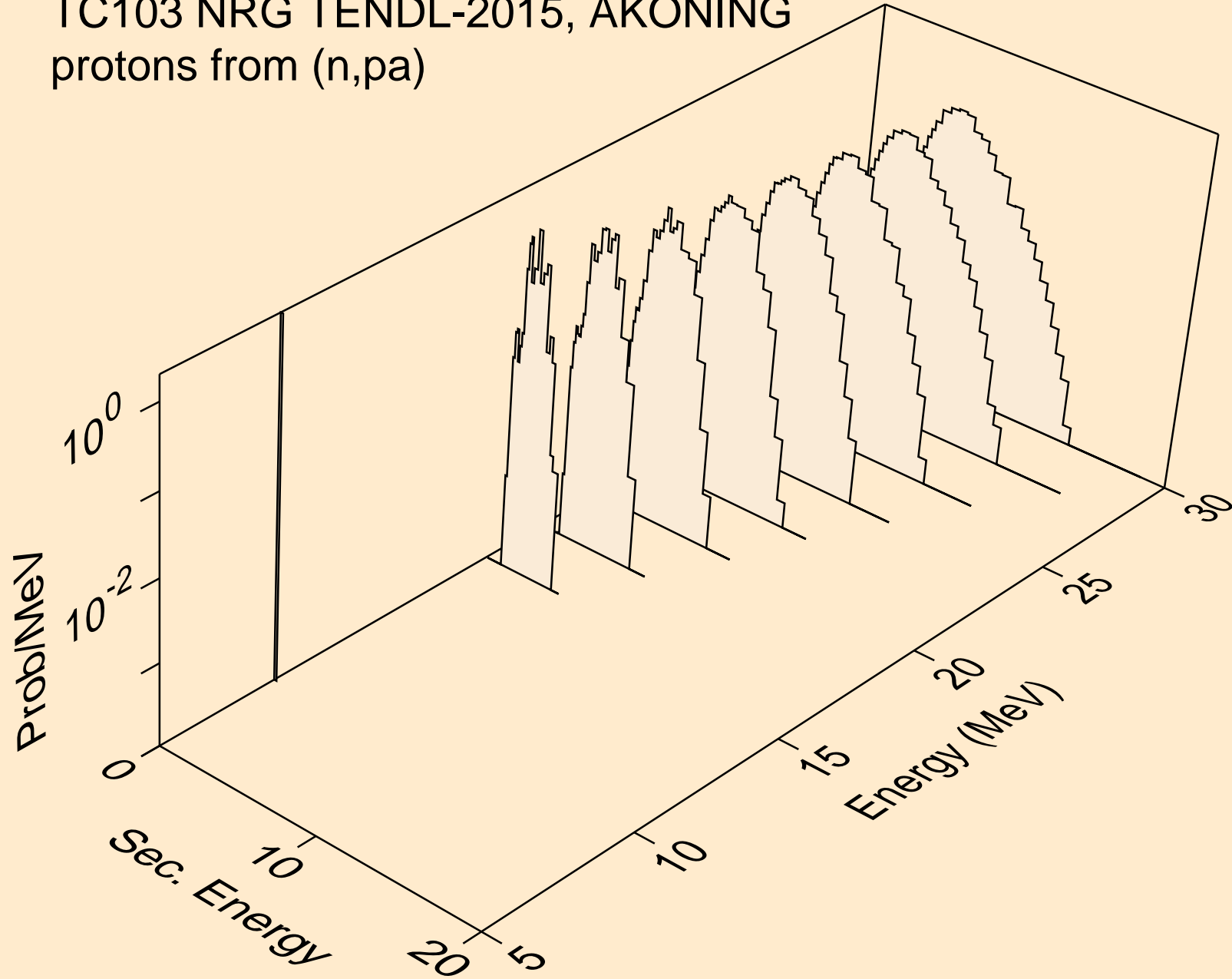




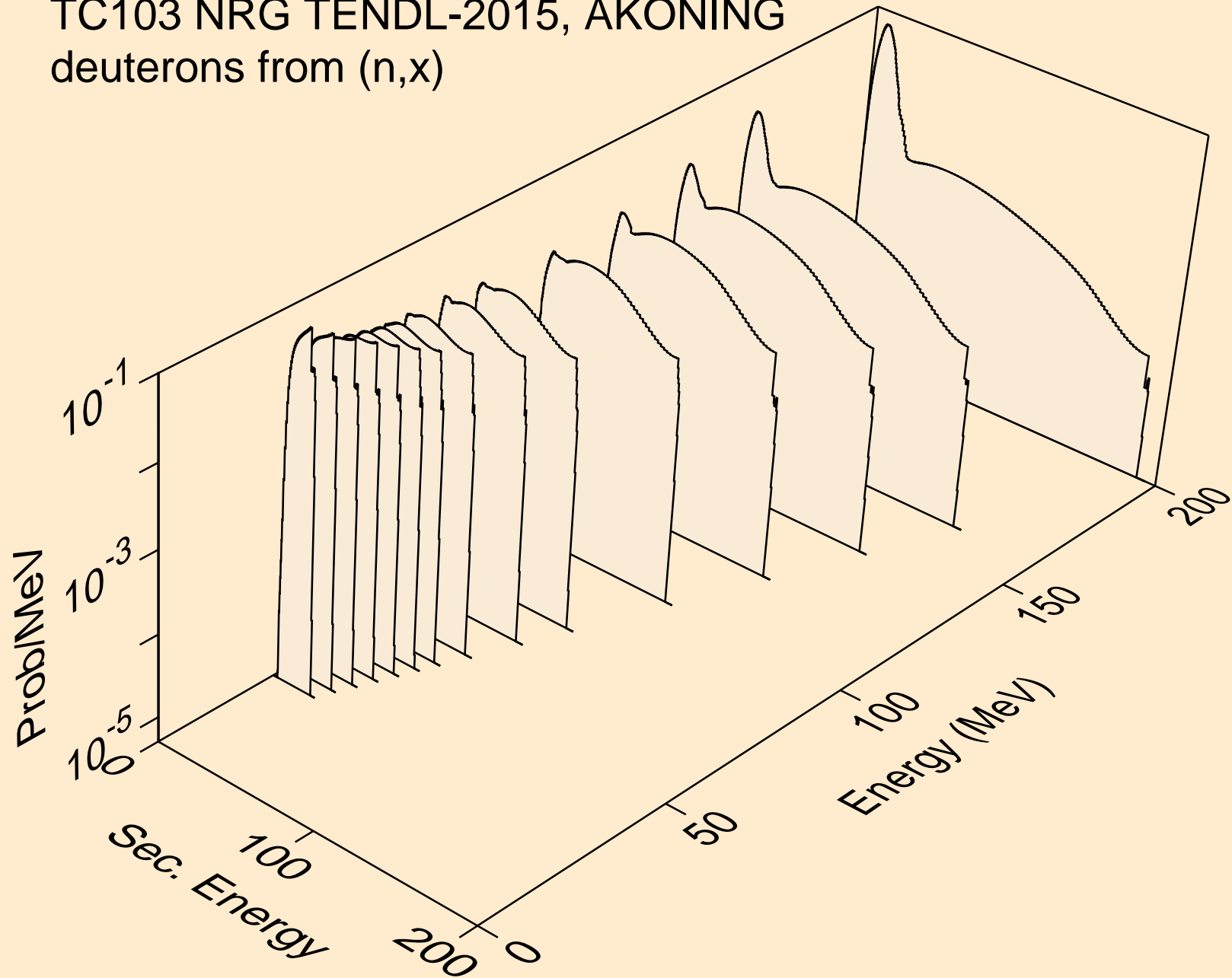
TC103 NRG TENDL-2015, AKONING  
protons from (n,2p)



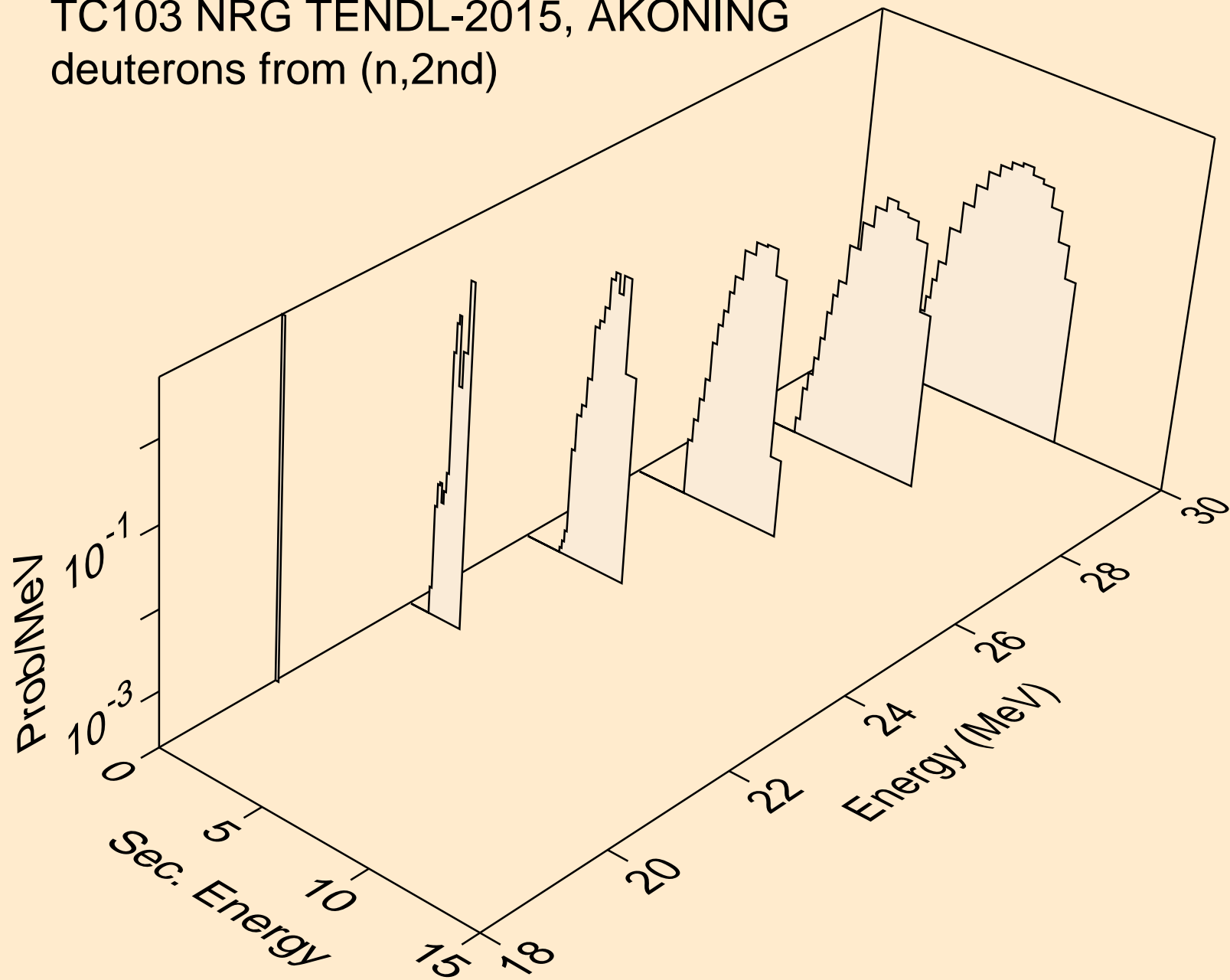
TC103 NRG TENDL-2015, AKONING  
protons from (n,pa)



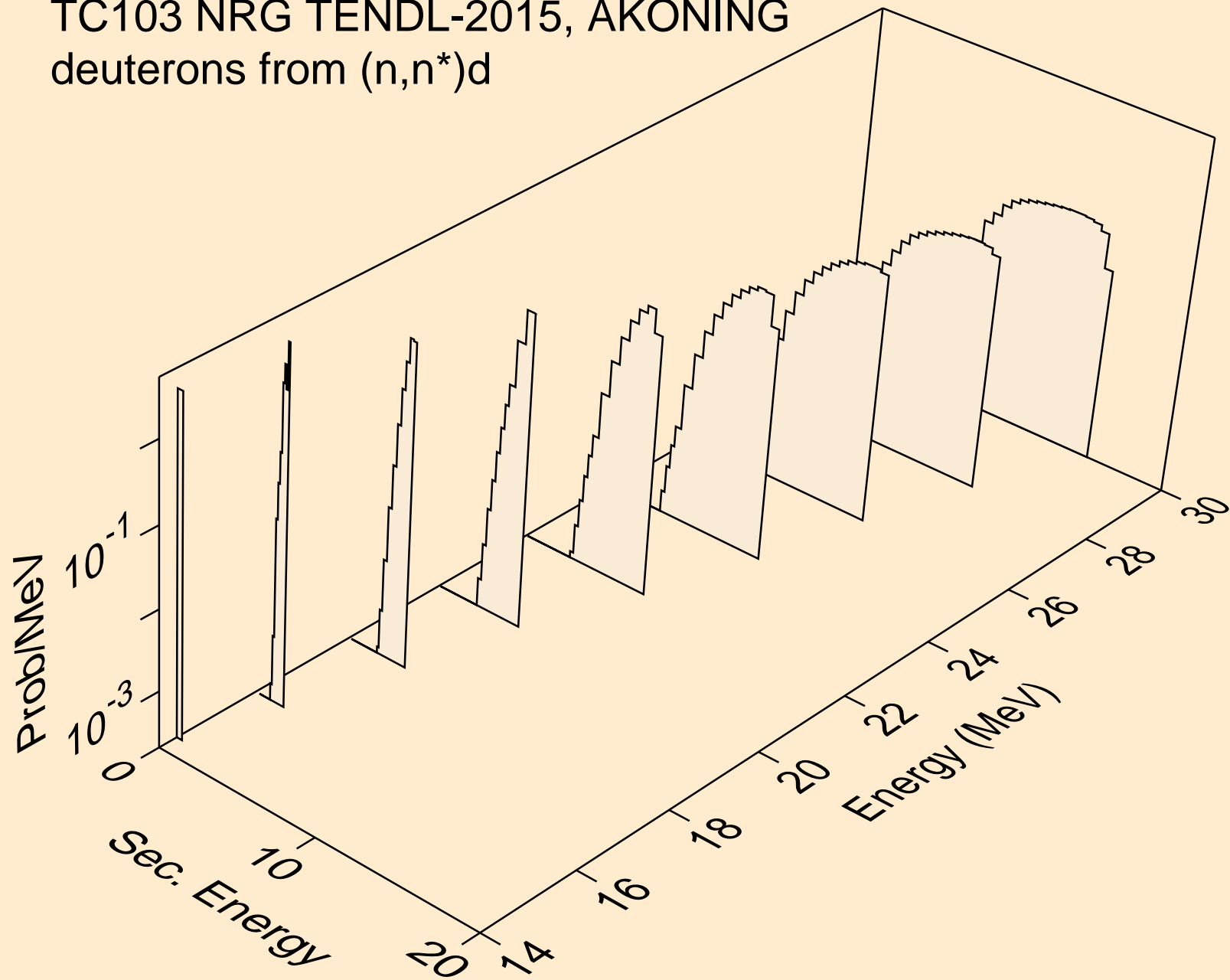
TC103 NRG TENDL-2015, AKONING  
deuterons from (n,x)



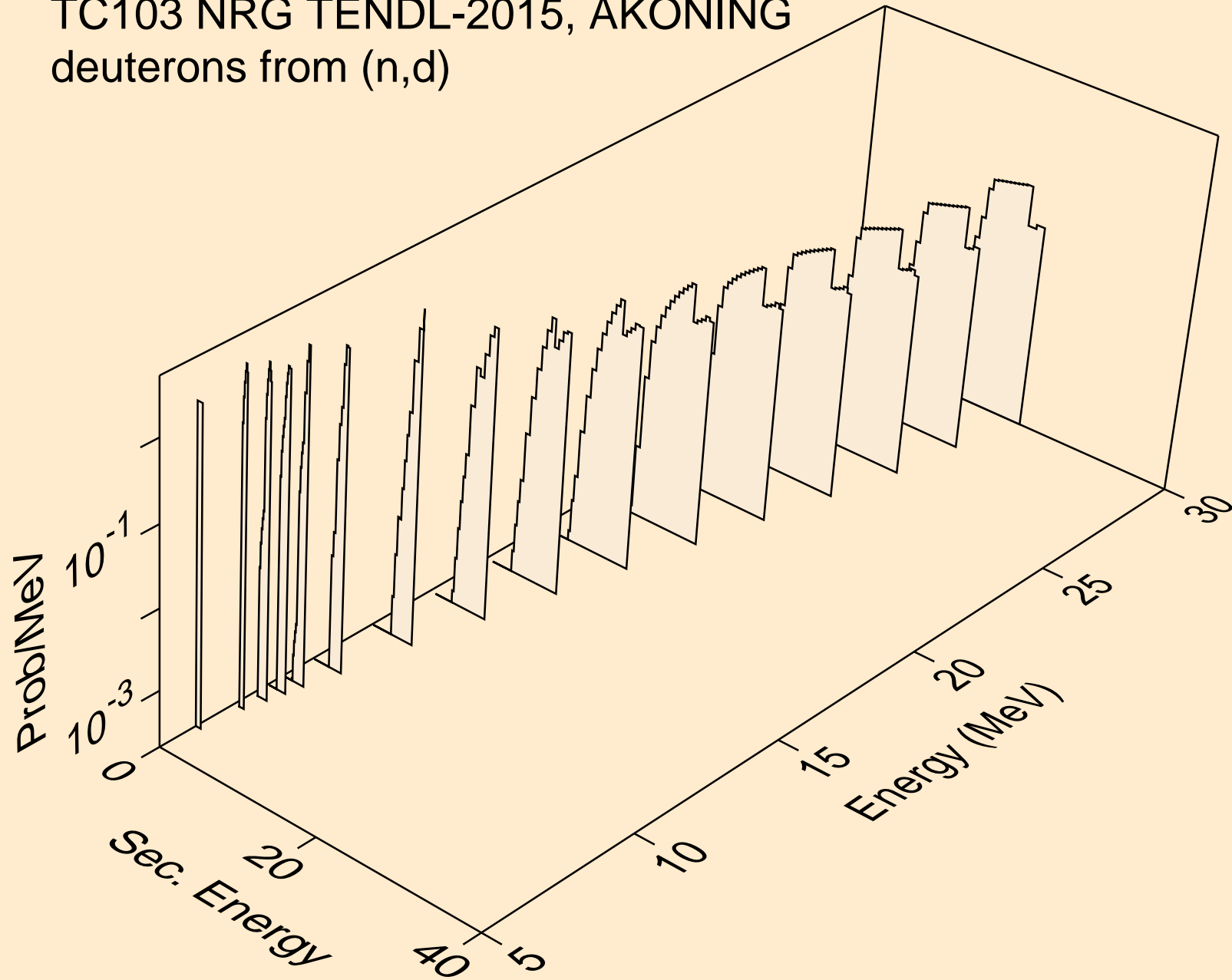
TC103 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



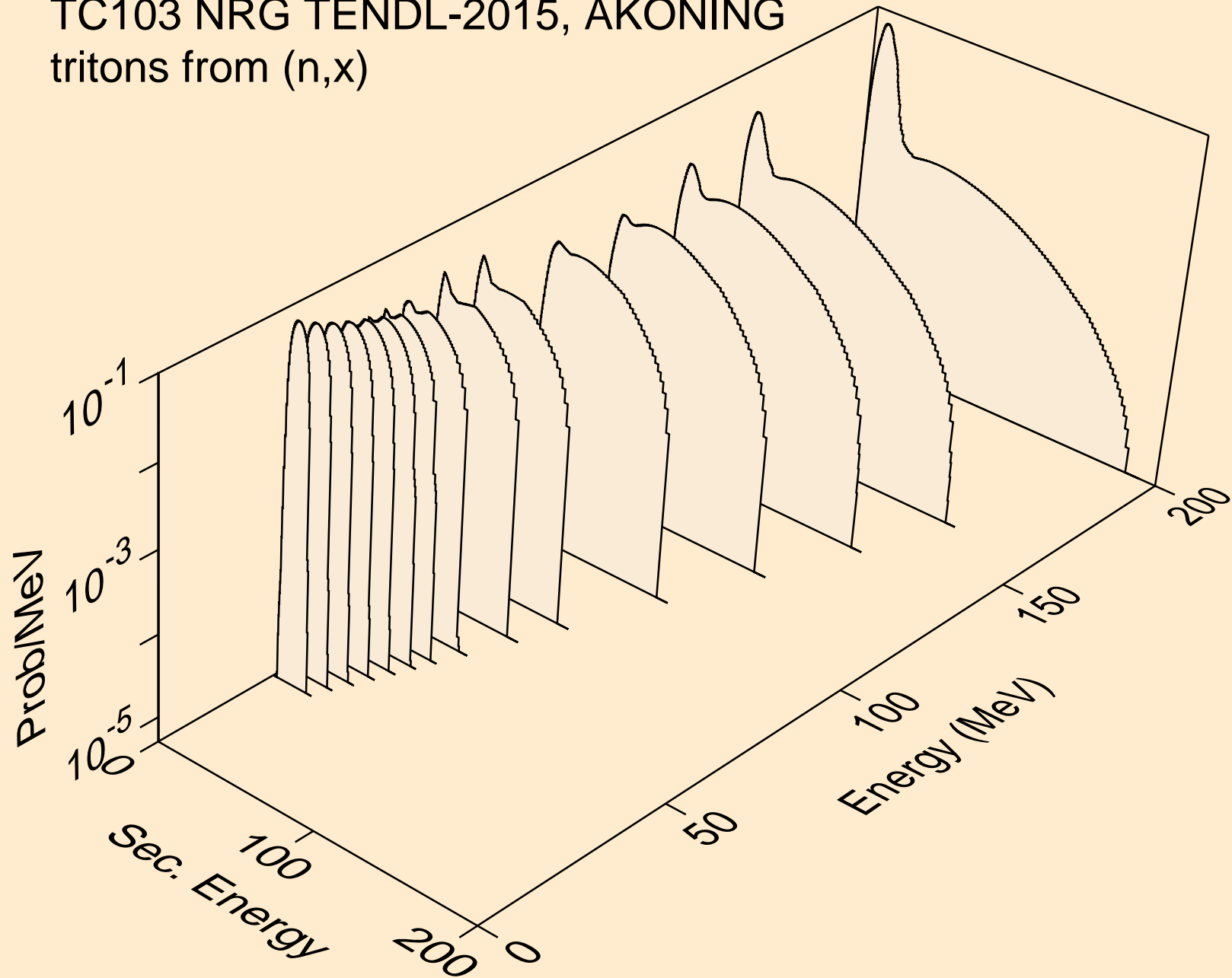
TC103 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



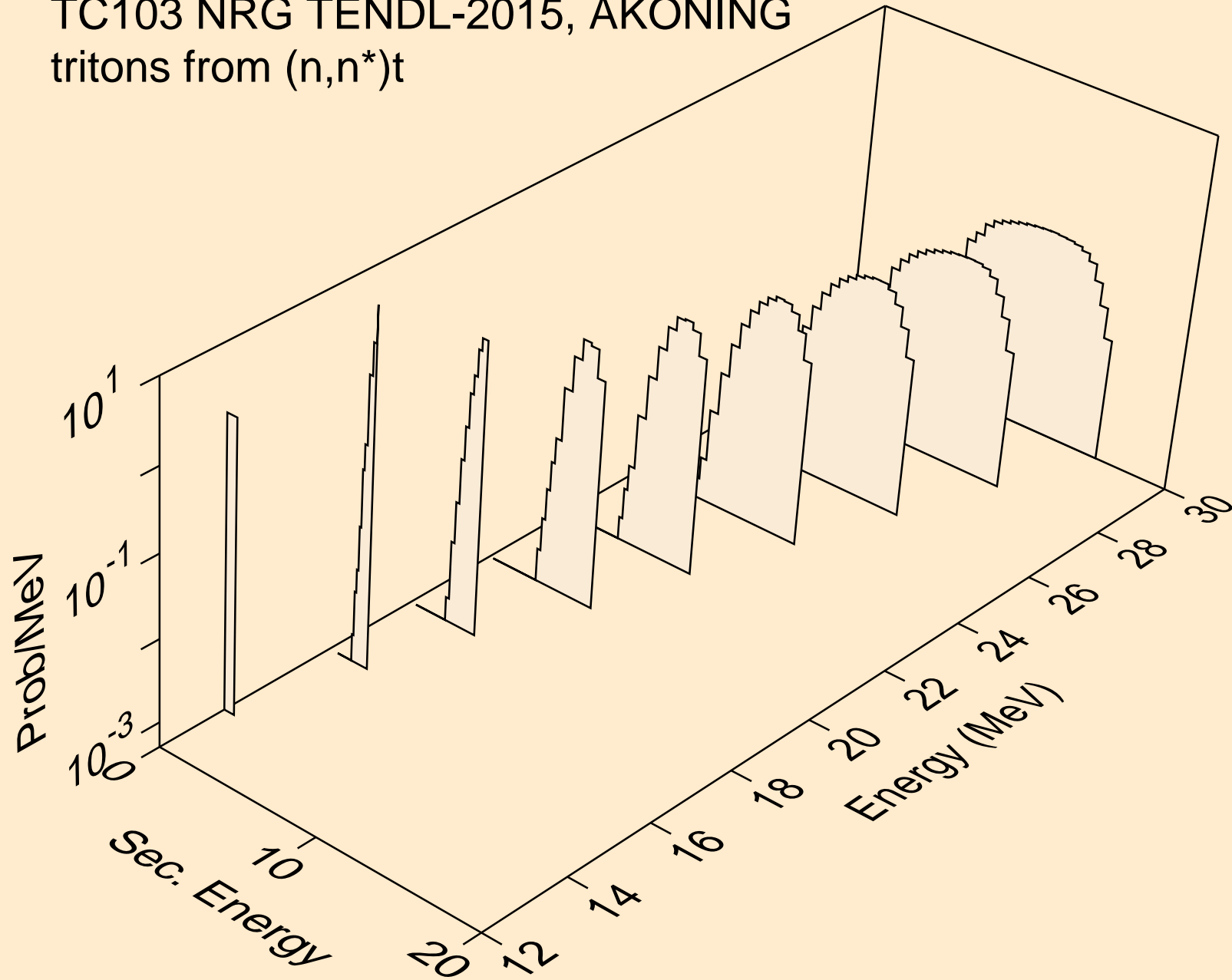
TC103 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TC103 NRG TENDL-2015, AKONING  
tritons from (n,x)

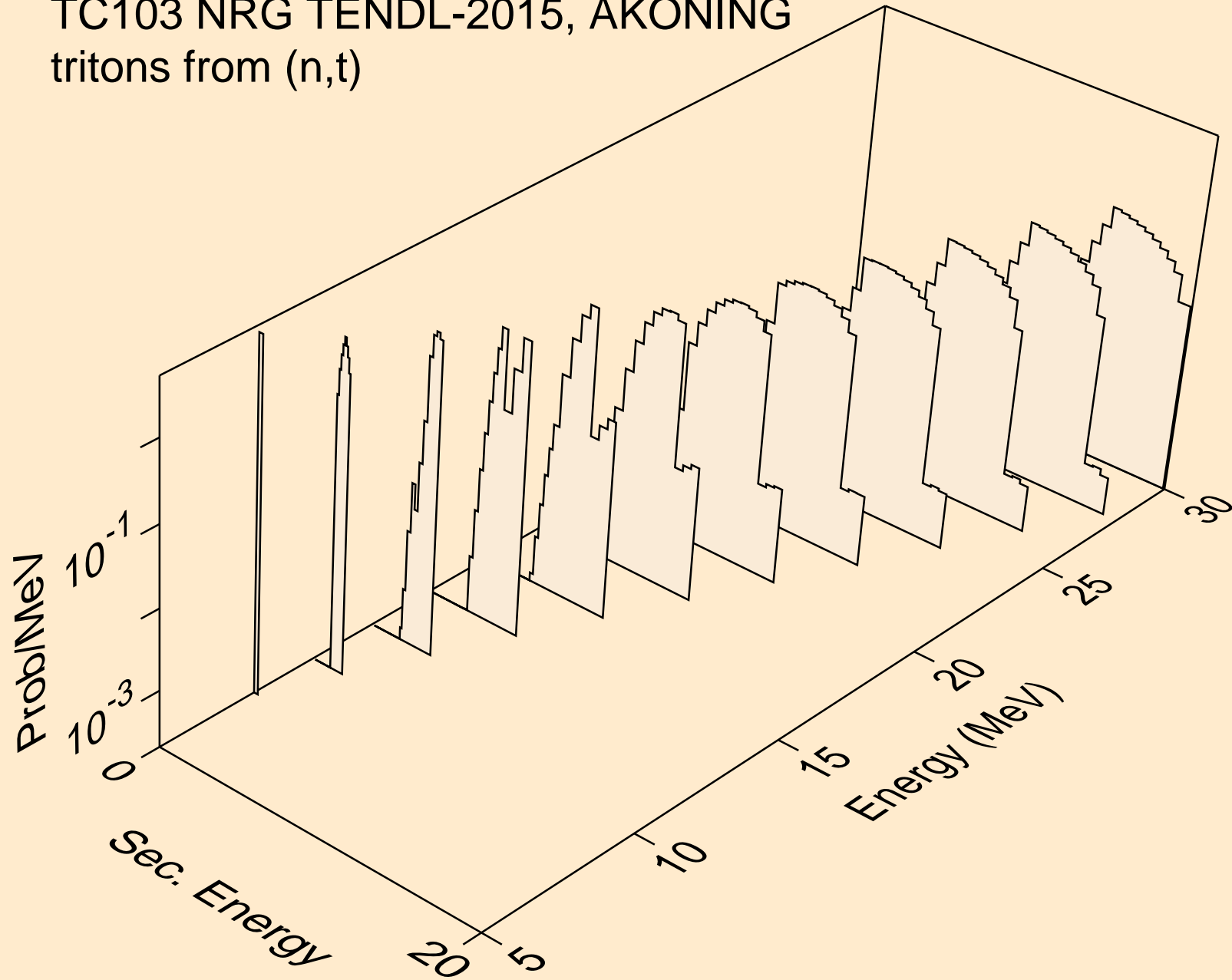


TC103 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

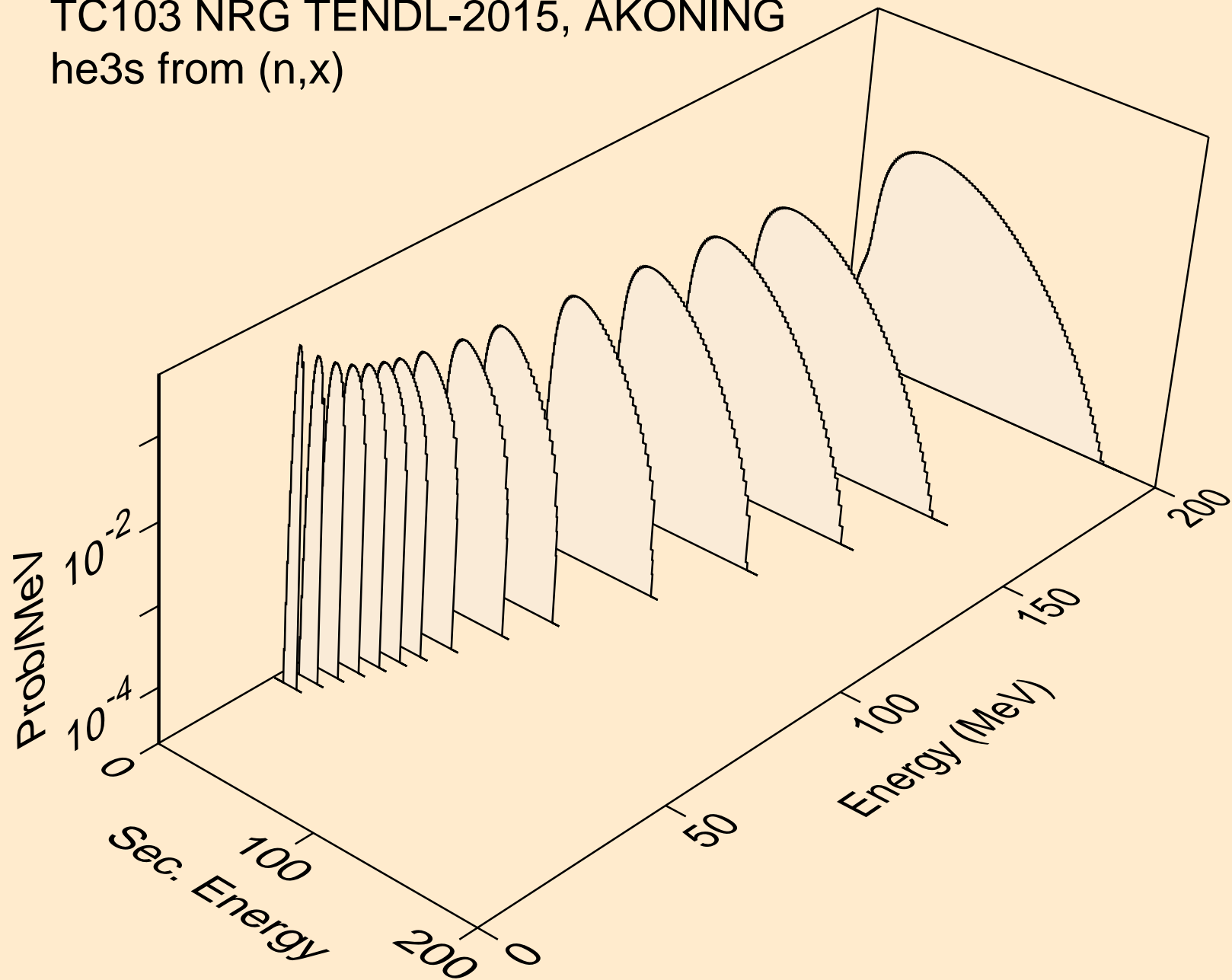




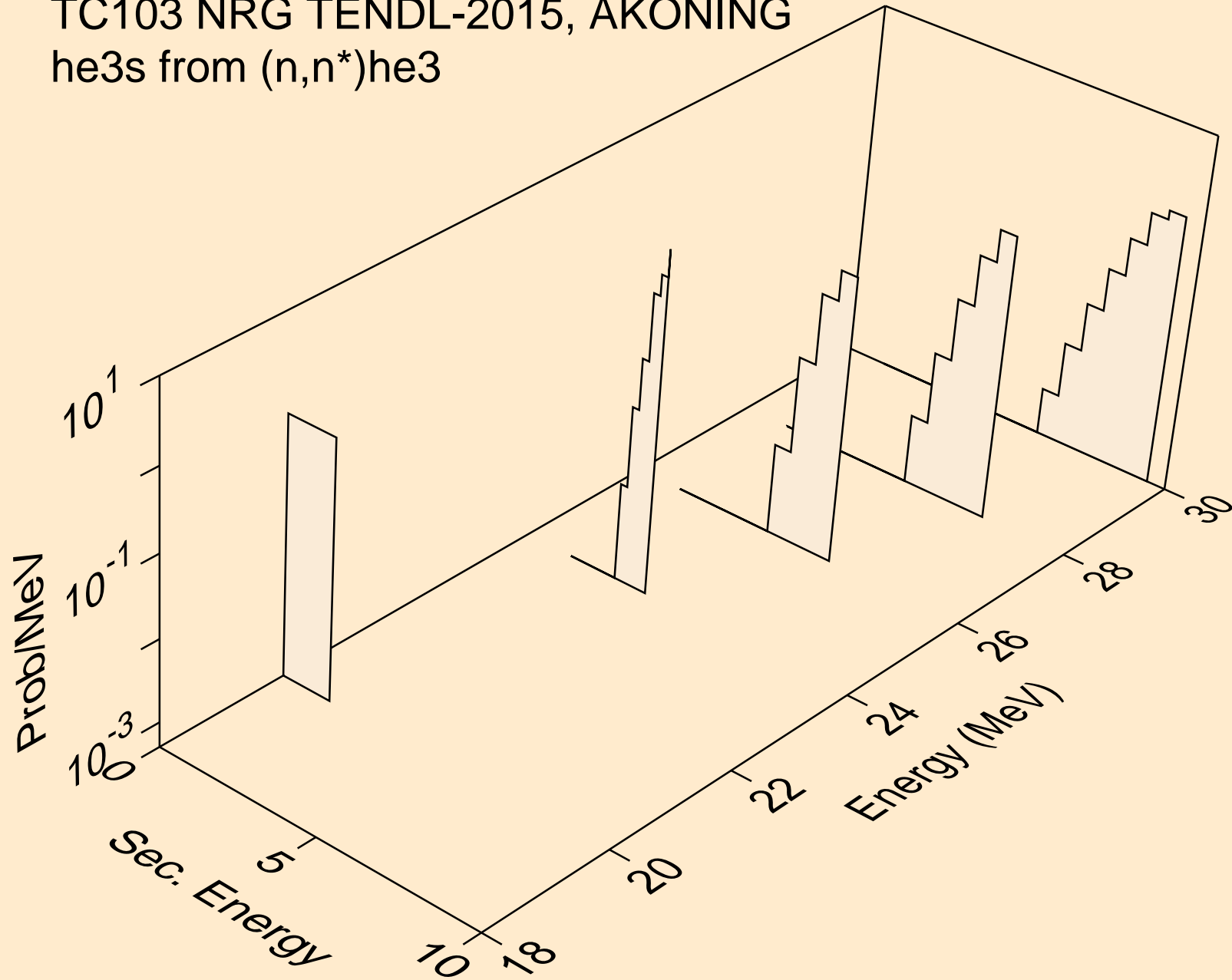
TC103 NRG TENDL-2015, AKONING  
tritons from (n,t)



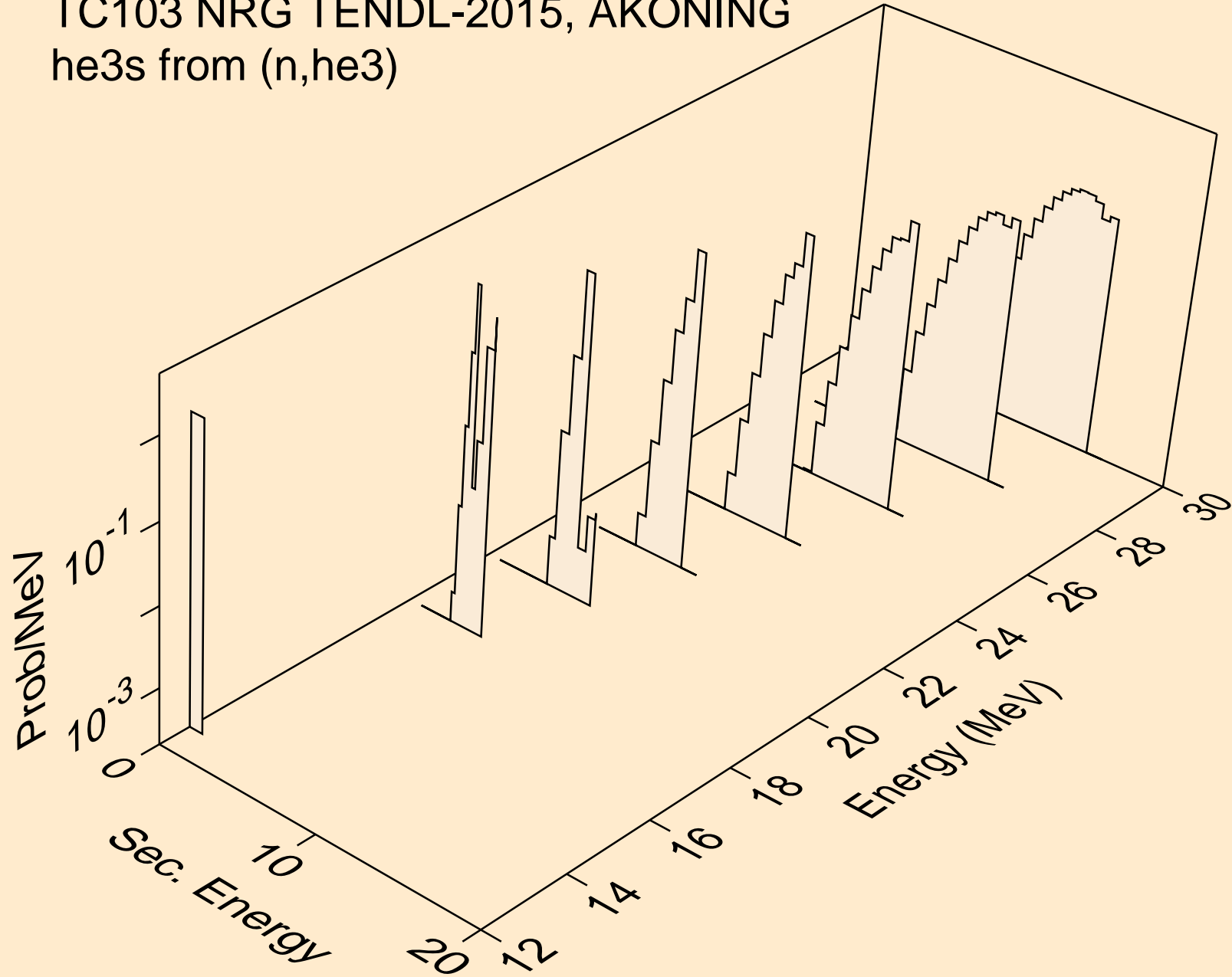
TC103 NRG TENDL-2015, AKONING  
he3s from (n,x)



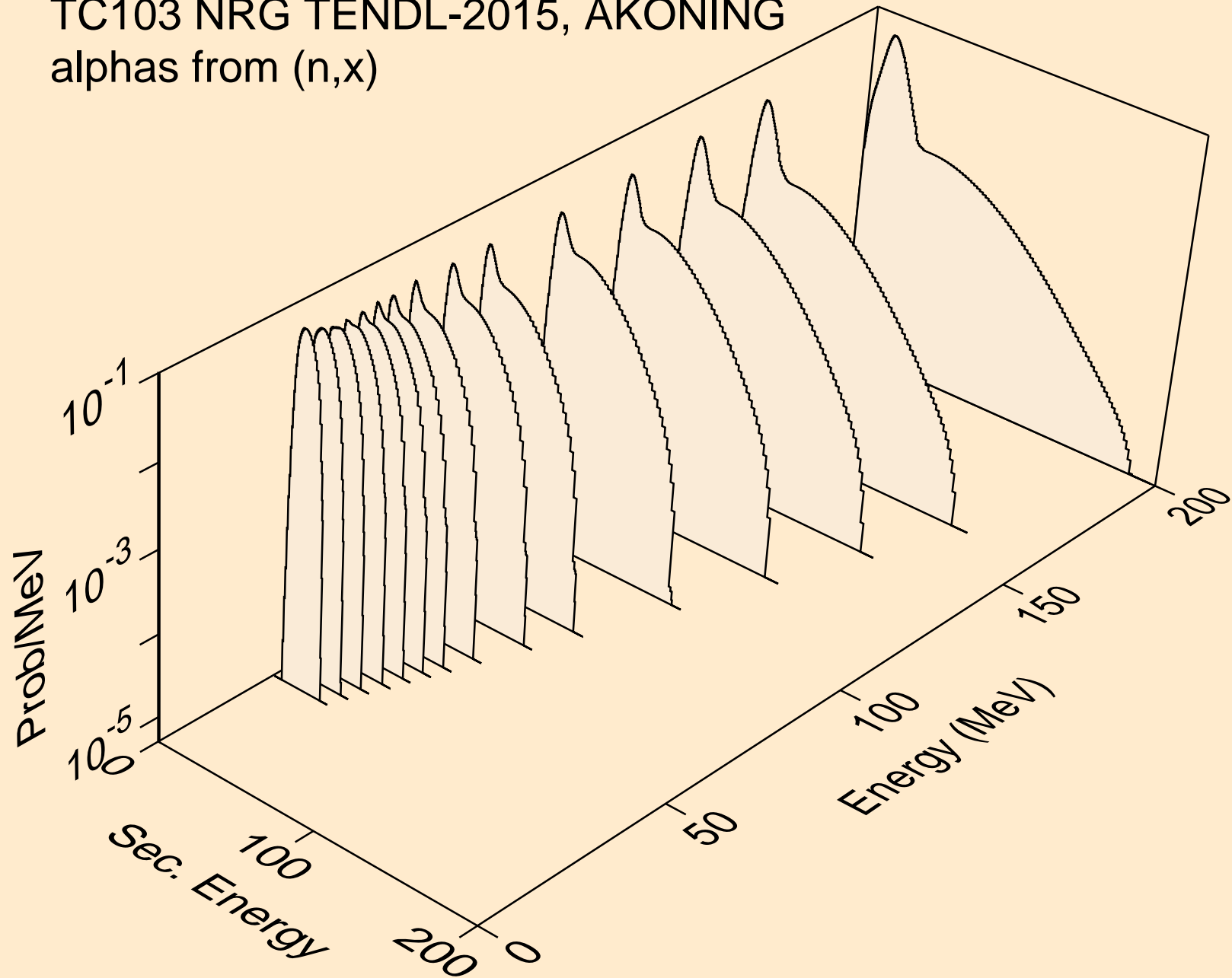
TC103 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



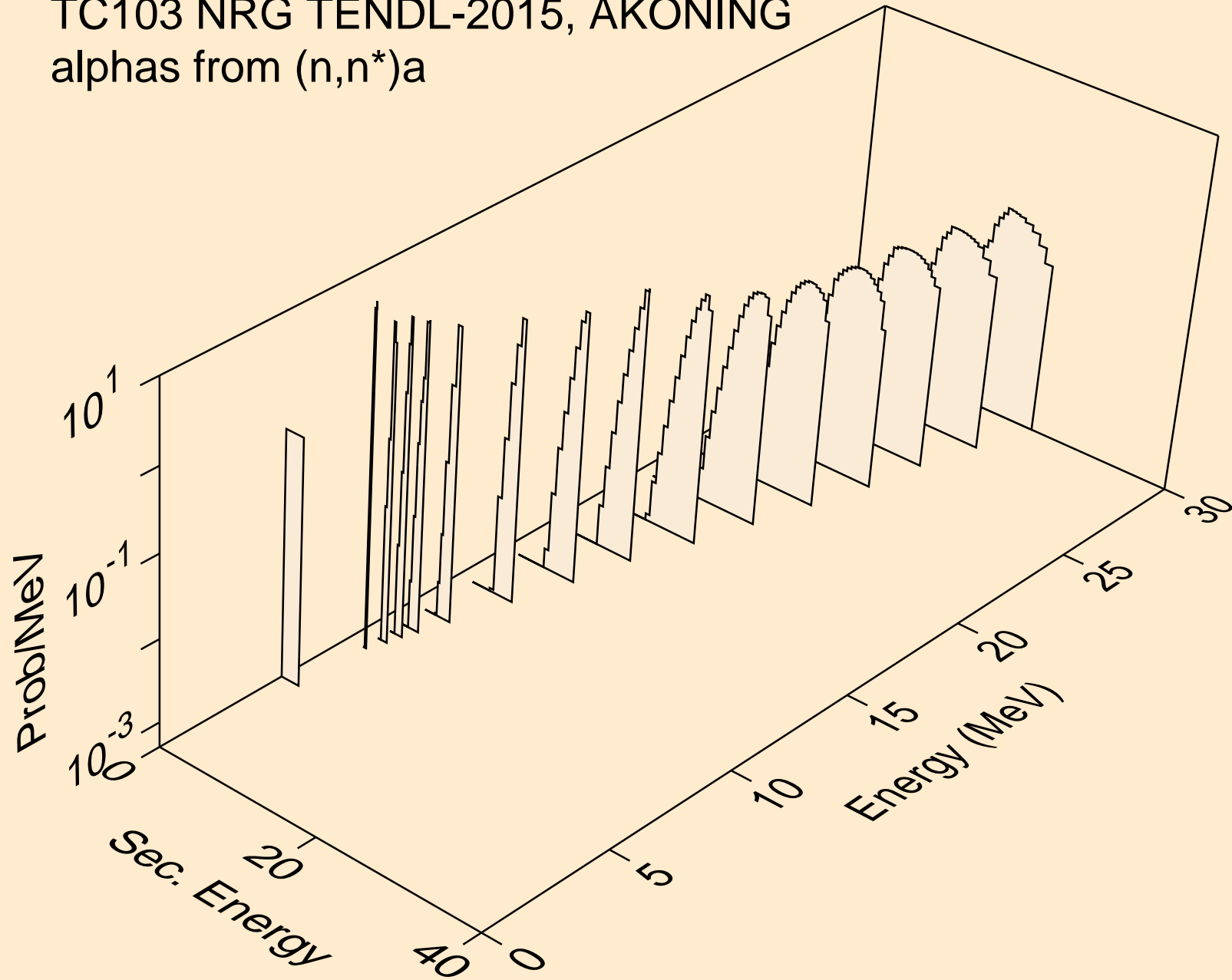
TC103 NRG TENDL-2015, AKONING  
he3s from (n,he3)



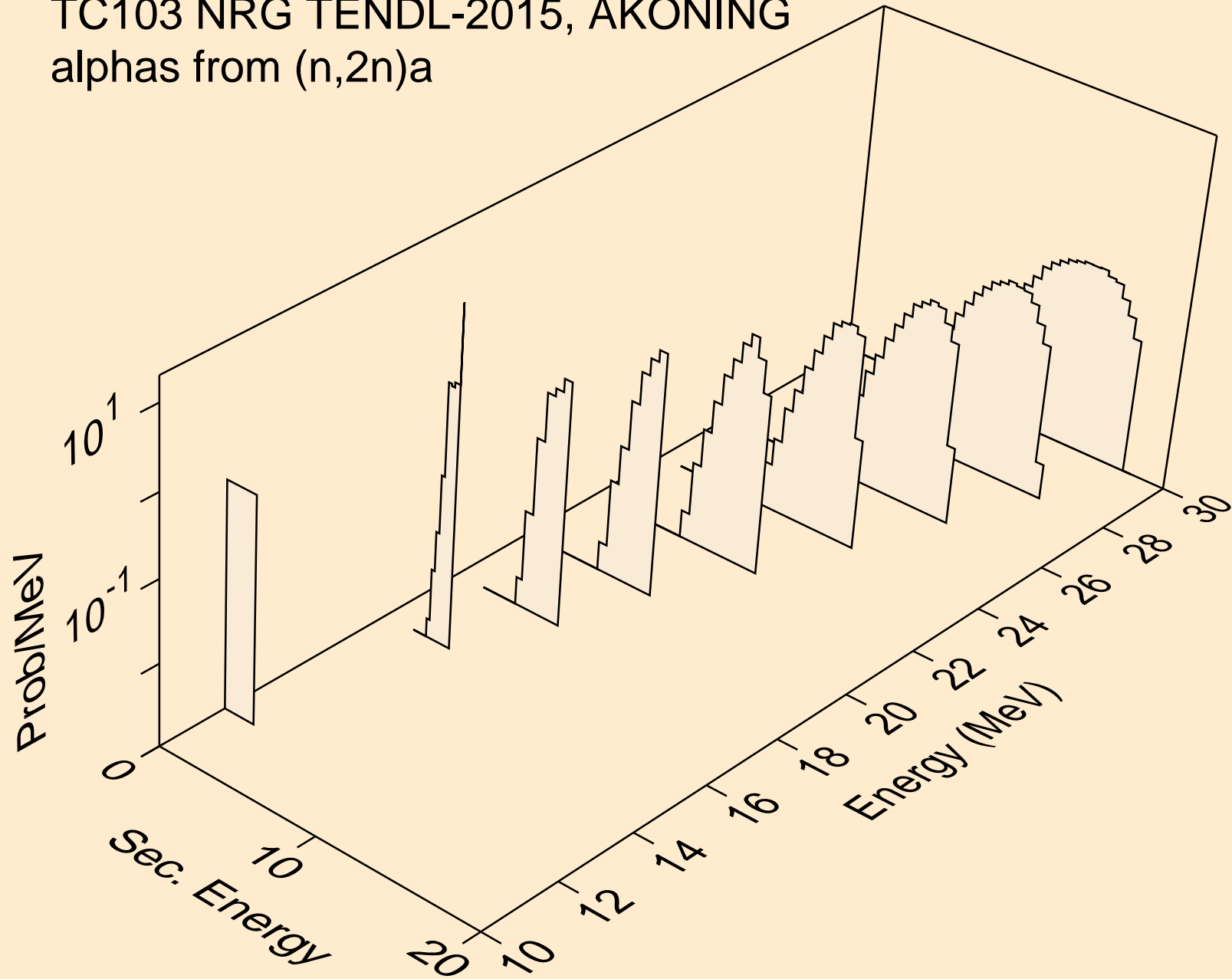
TC103 NRG TENDL-2015, AKONING  
alphas from (n,x)



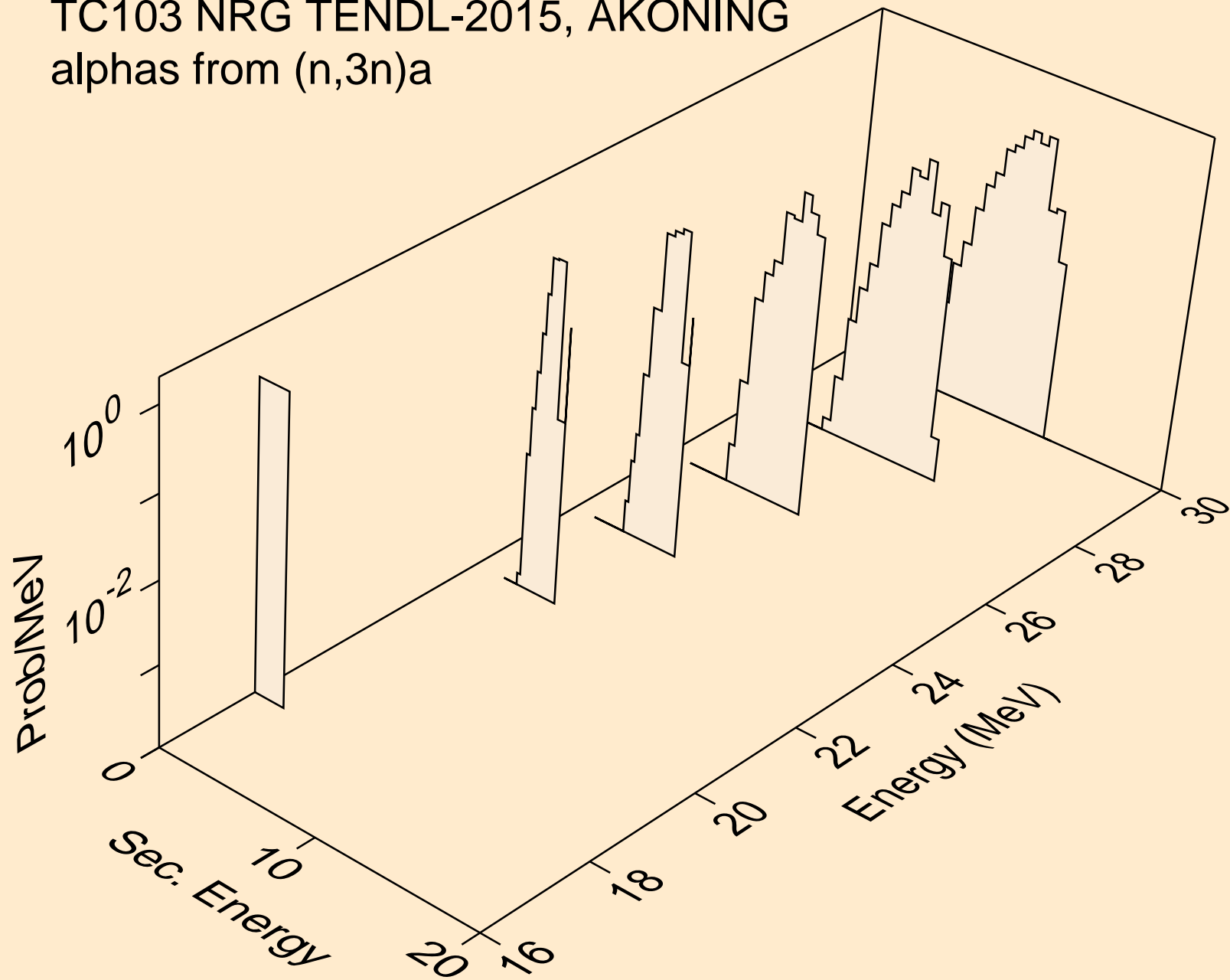
TC103 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TC103 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

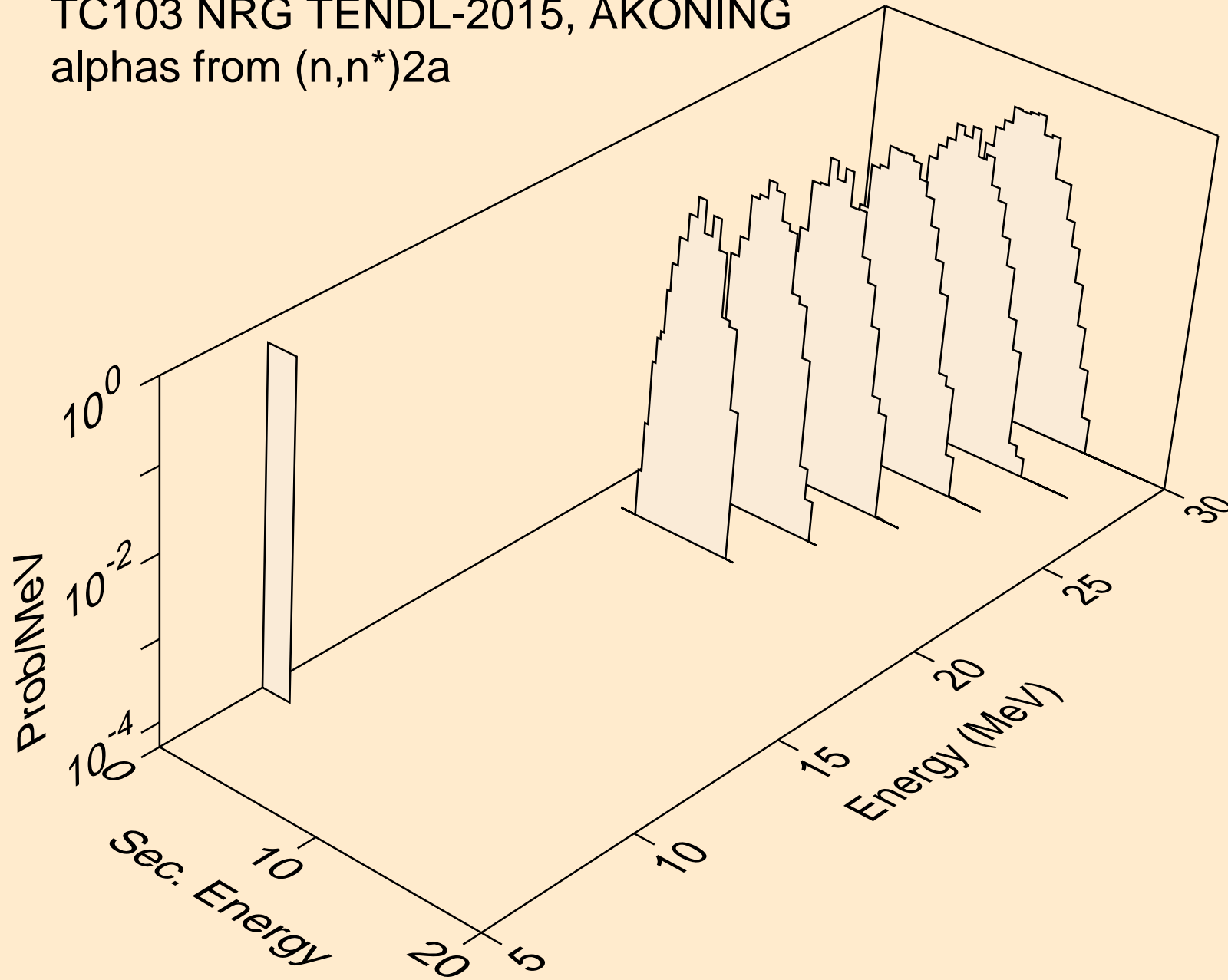


TC103 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

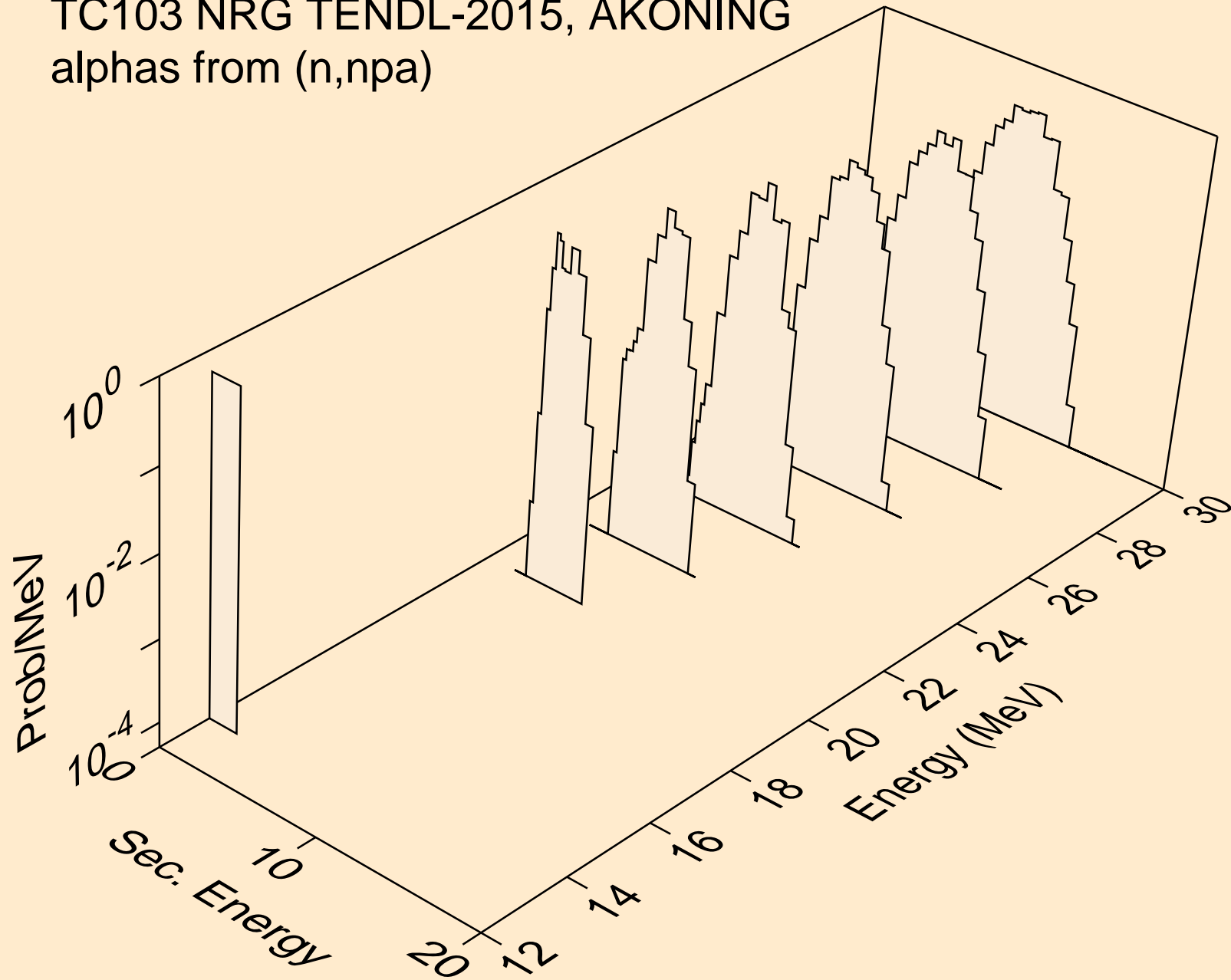




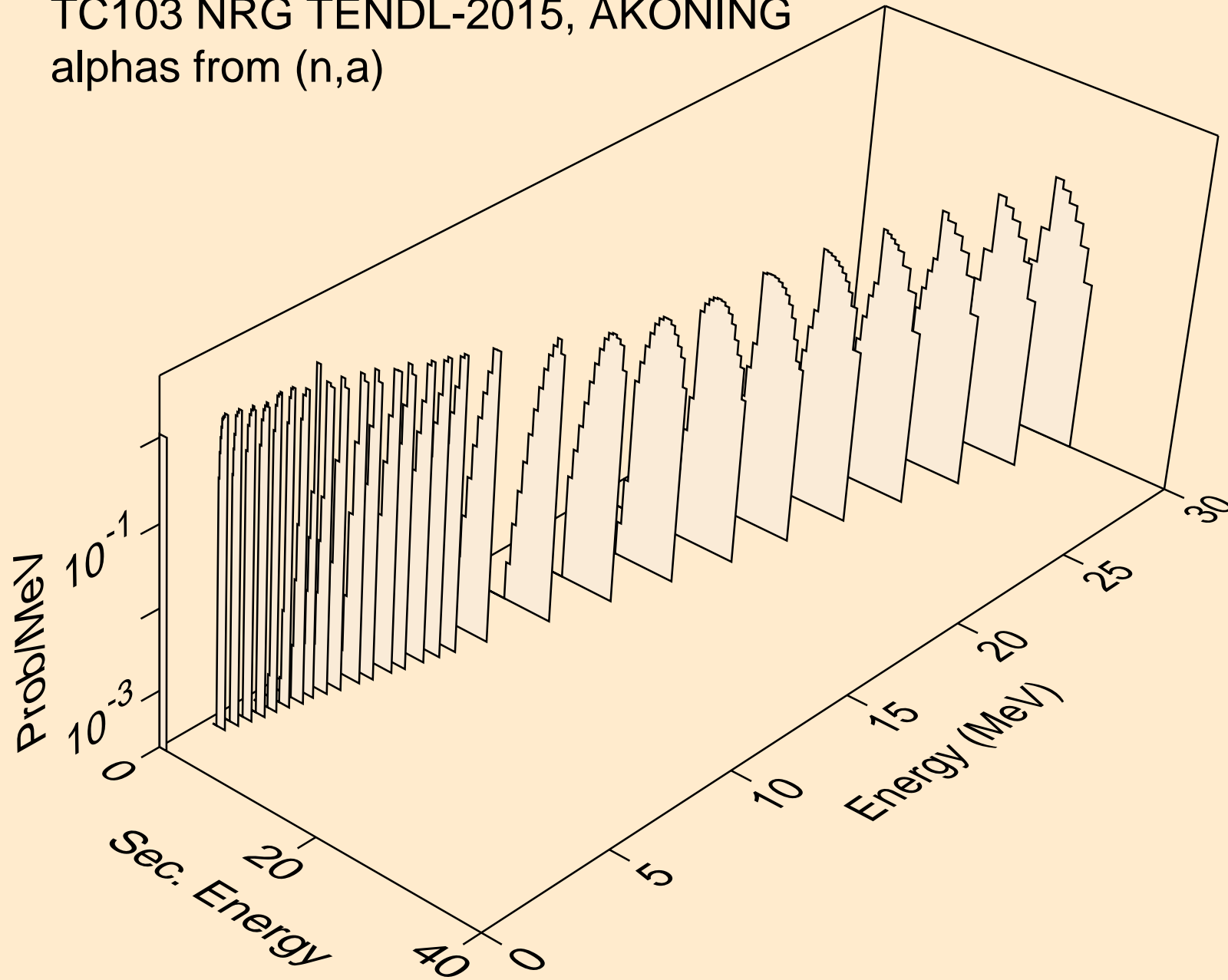
TC103 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



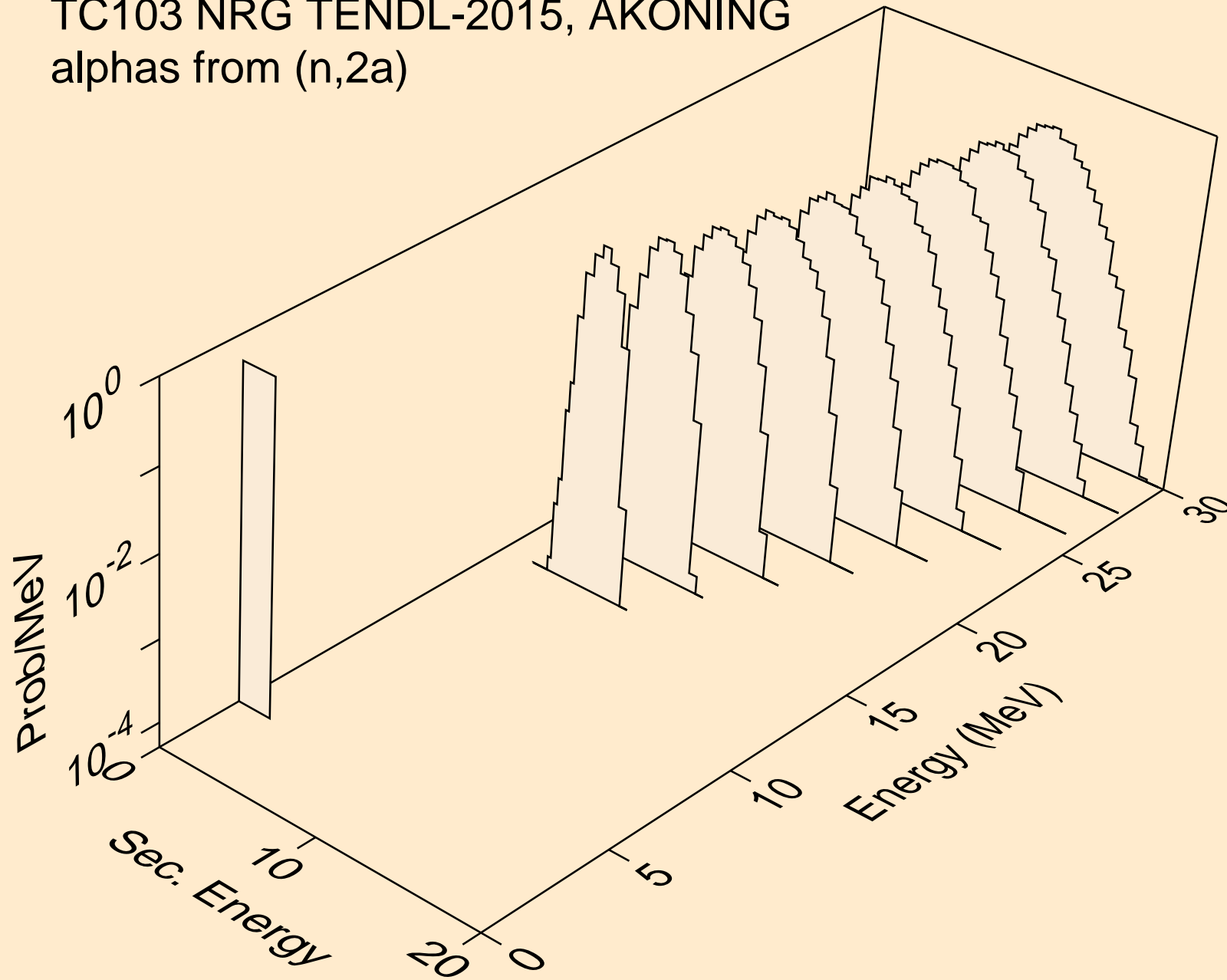
TC103 NRG TENDL-2015, AKONING  
alphas from (n,npa)



TC103 NRG TENDL-2015, AKONING  
alphas from (n,a)



TC103 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TC103 NRG TENDL-2015, AKONING  
alphas from (n,pa)

