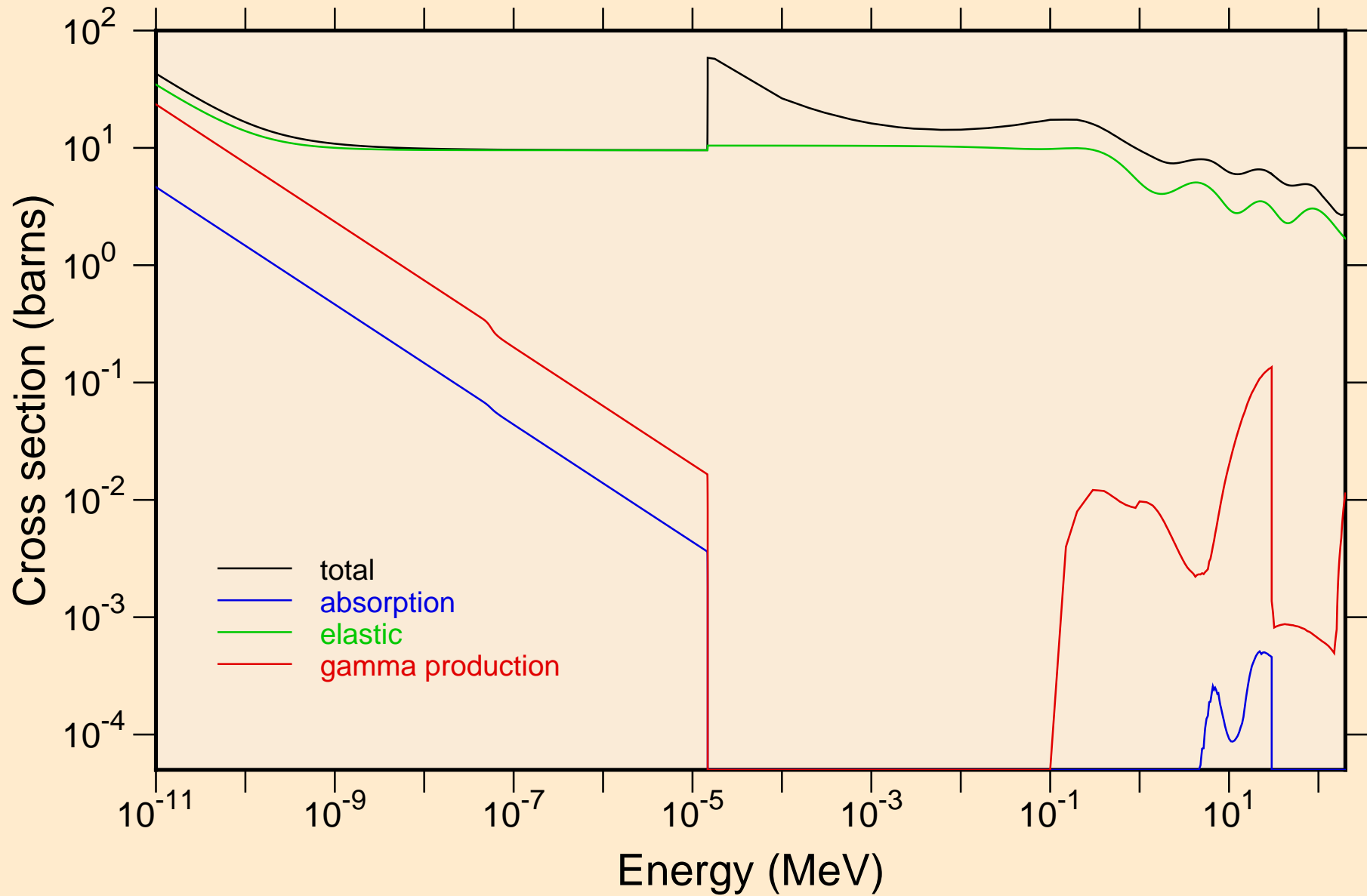


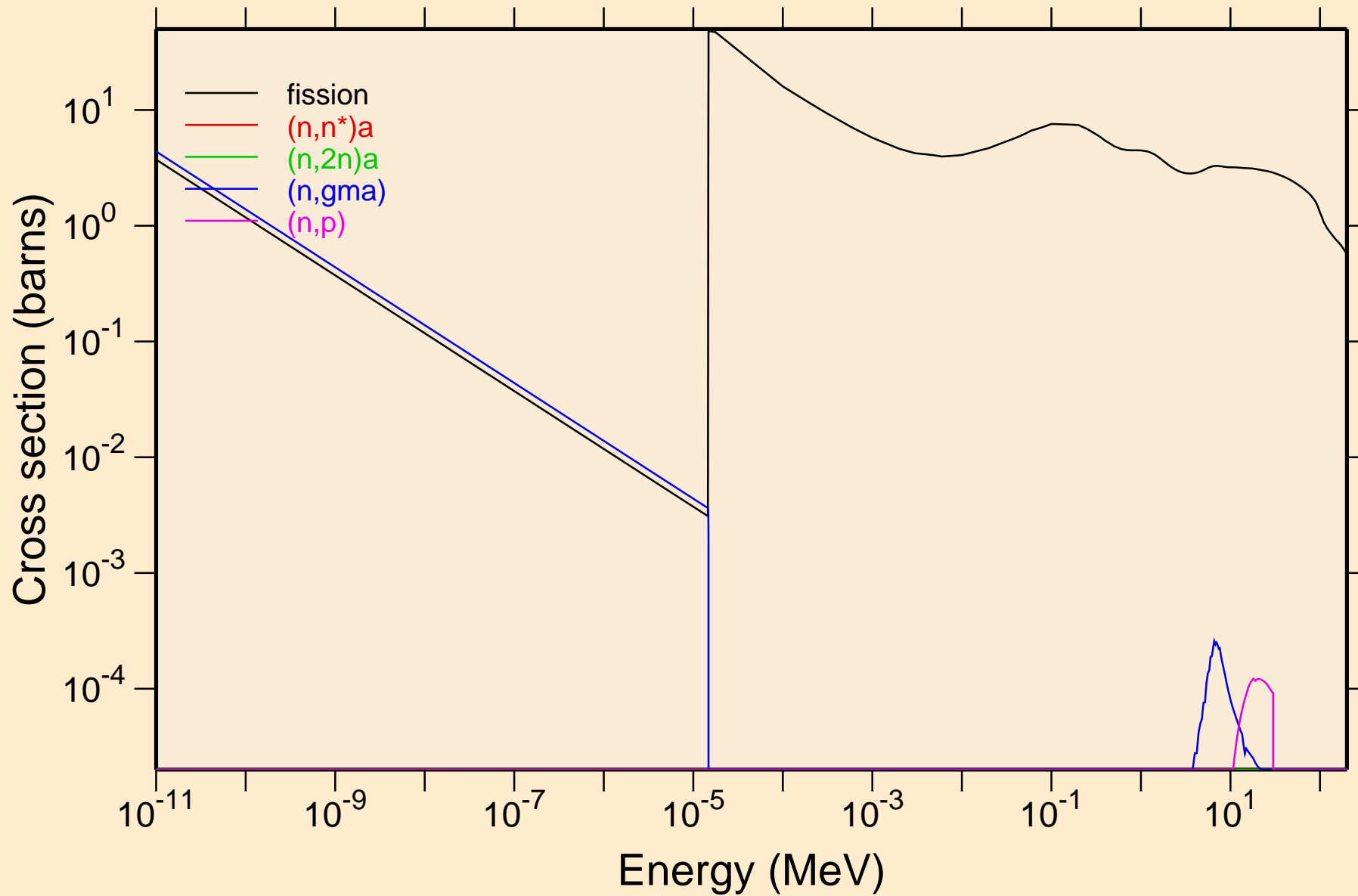
# N-SG271 NRG TENDL-2017, AKONING

## Principal cross sections

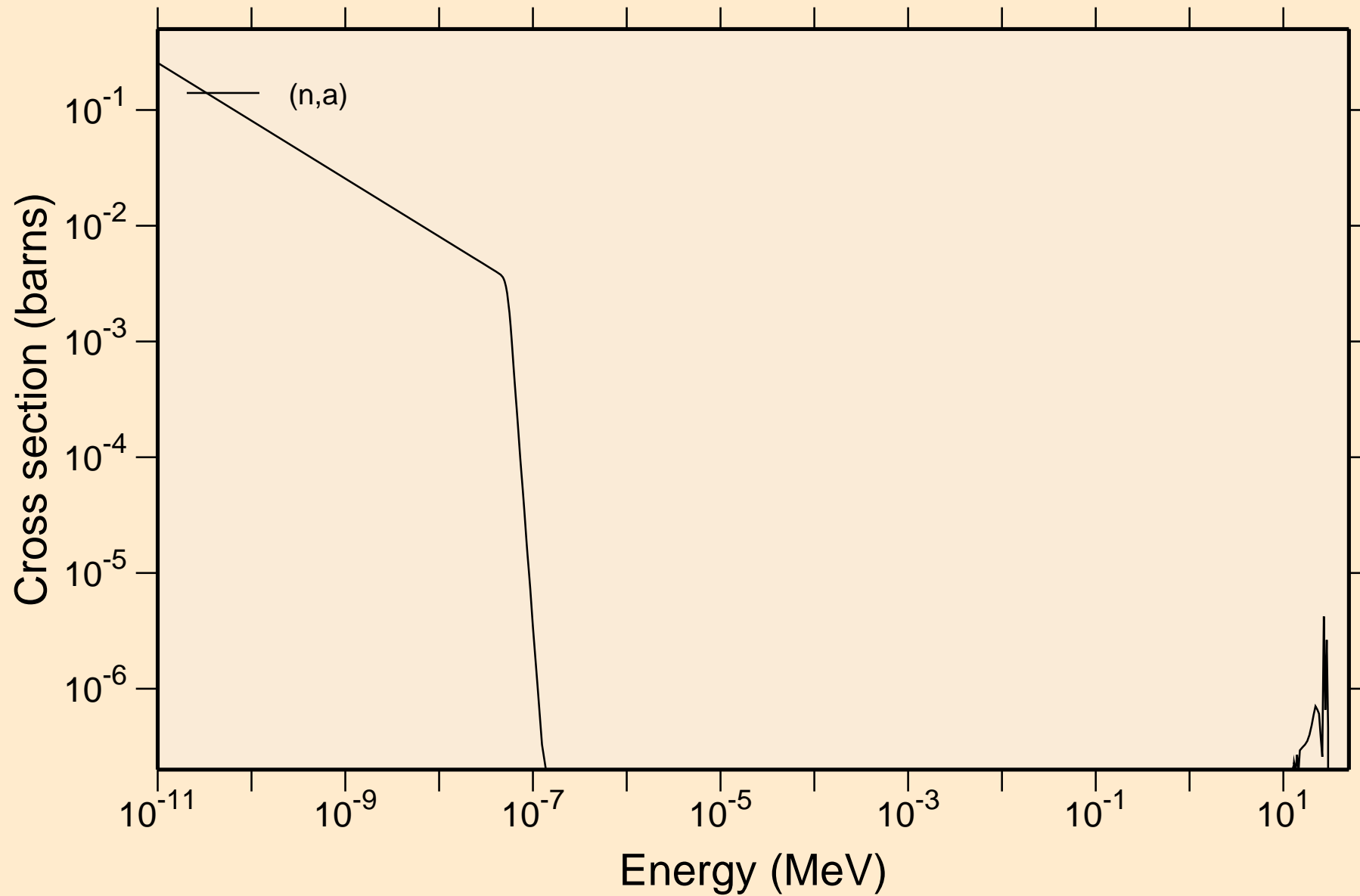


# N-SG271 NRG TENDL-2017, AKONING

## Non-threshold reactions

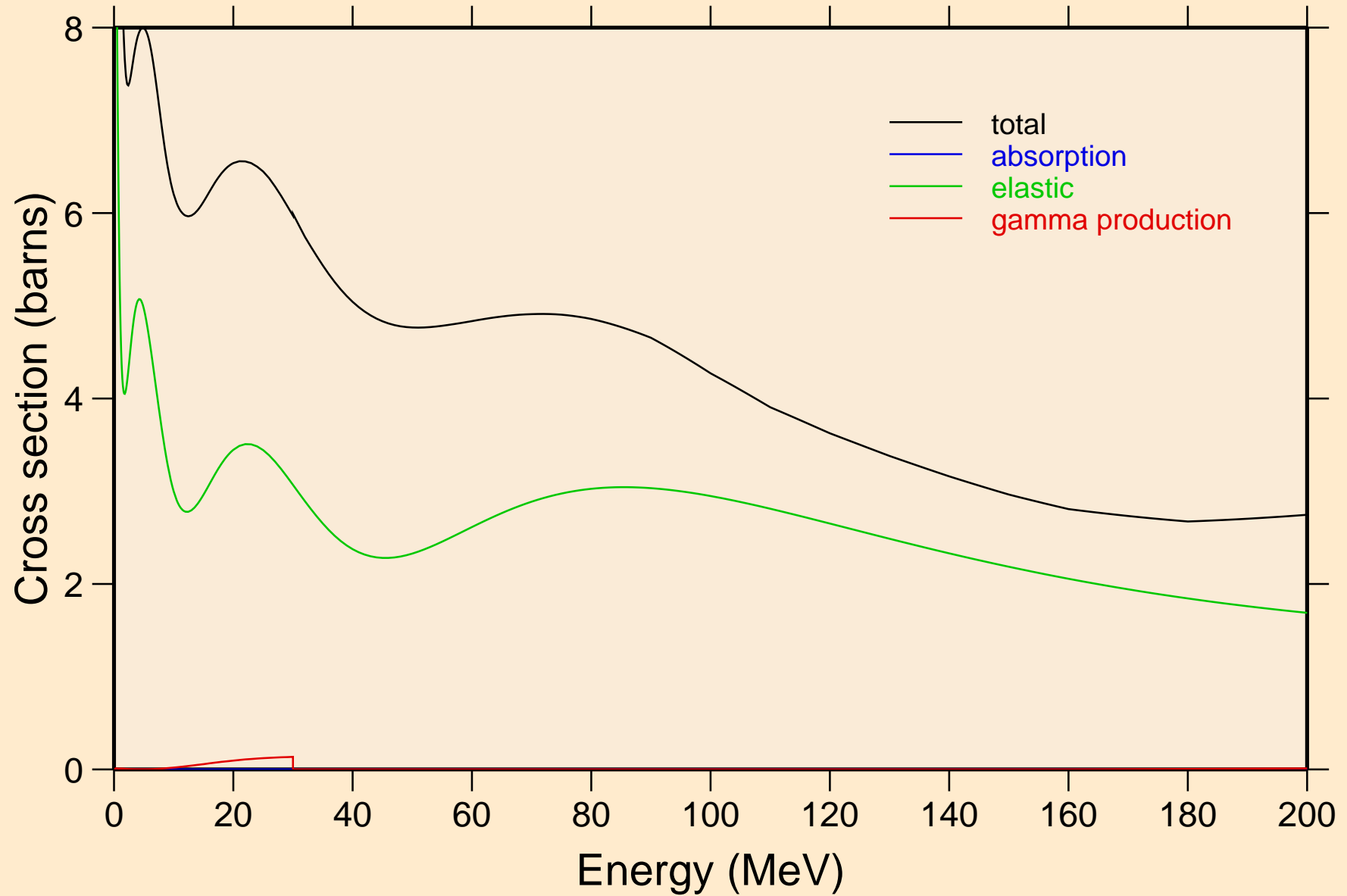


N-SG271 NRG TENDL-2017, AKONING  
Non-threshold reactions



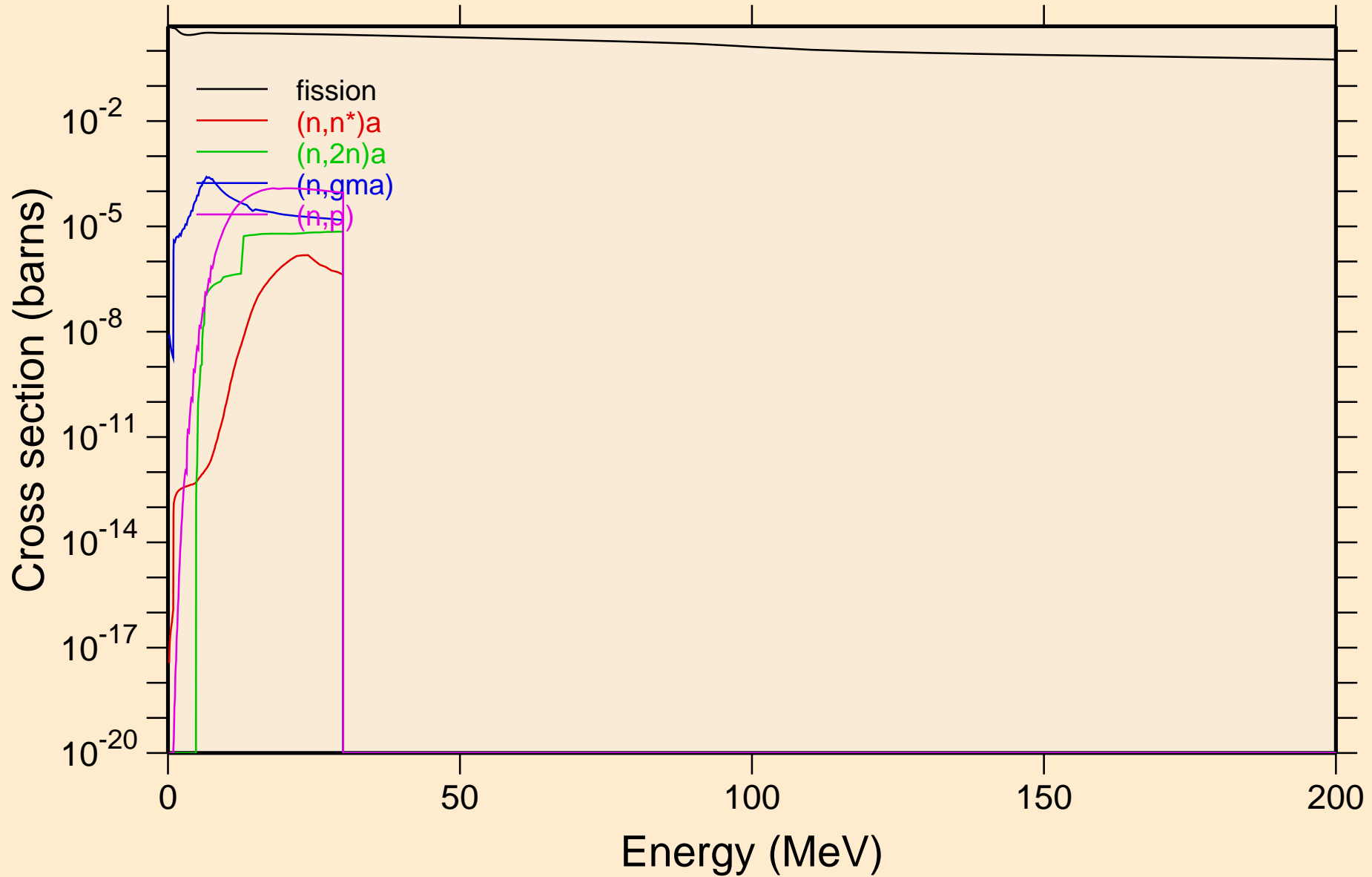
# N-SG271 NRG TENDL-2017, AKONING

## Principal cross sections



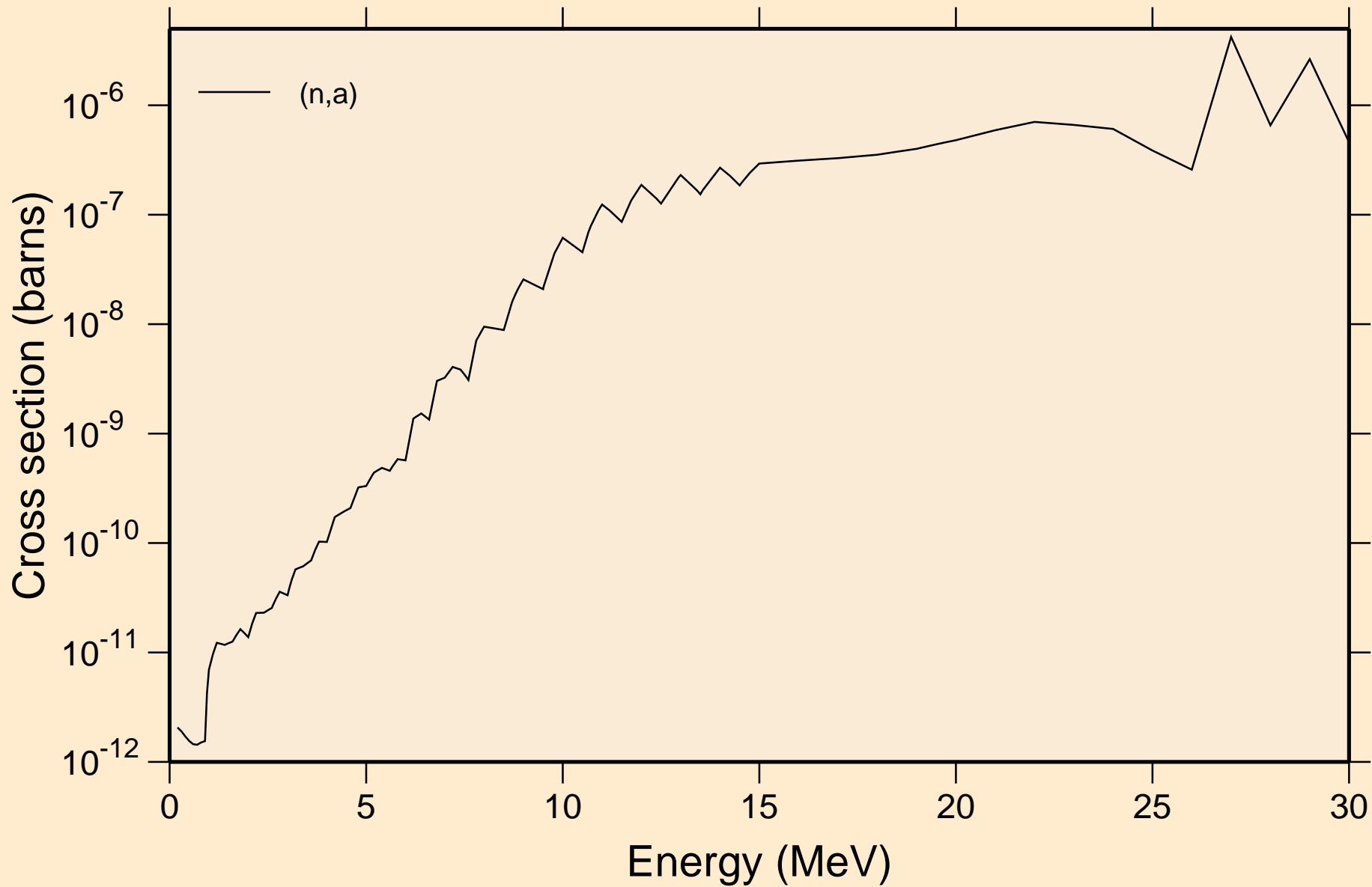
# N-SG271 NRG TENDL-2017, AKONING

## Non-threshold reactions

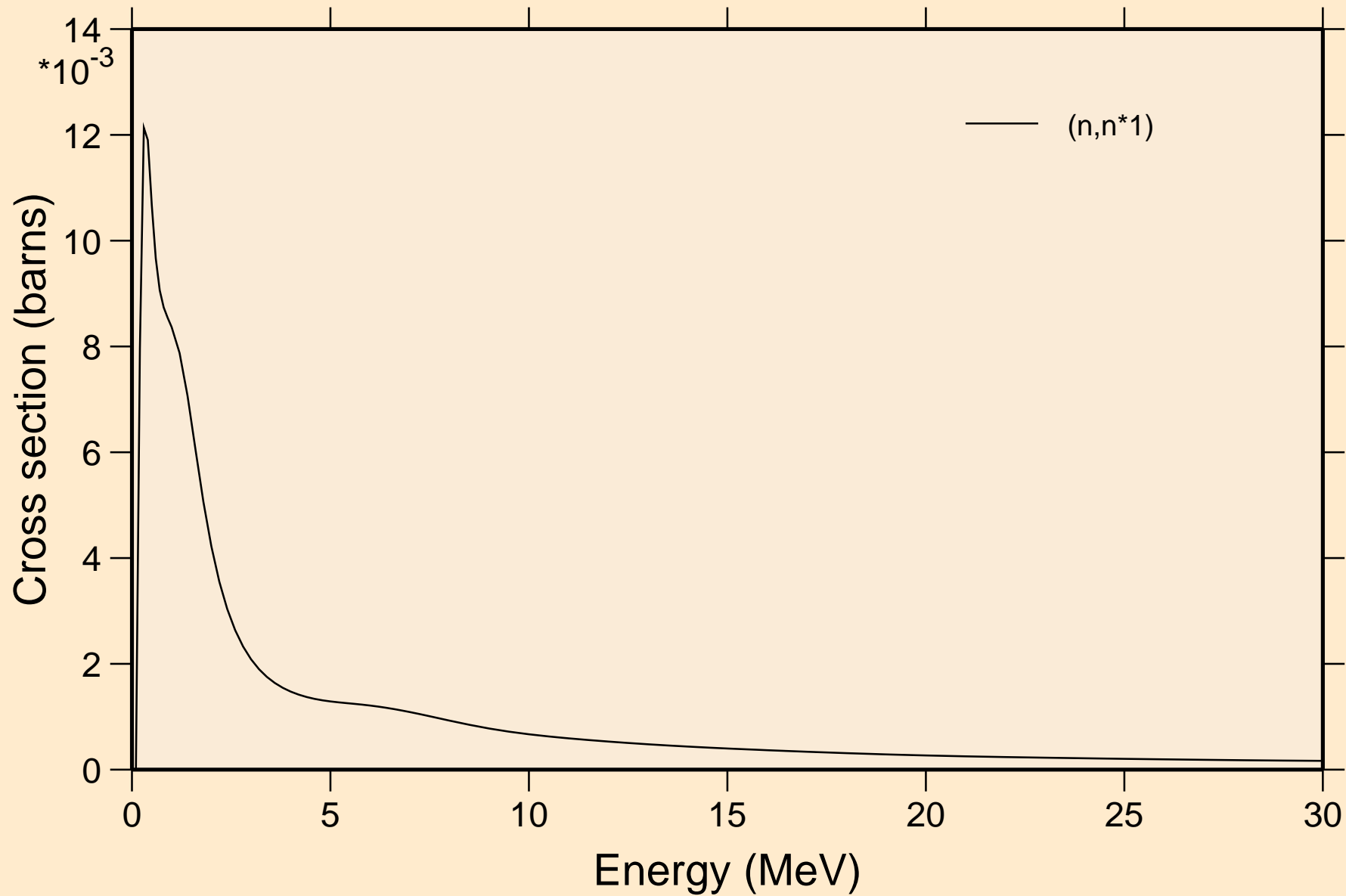


# N-SG271 NRG TENDL-2017, AKONING

## Non-threshold reactions

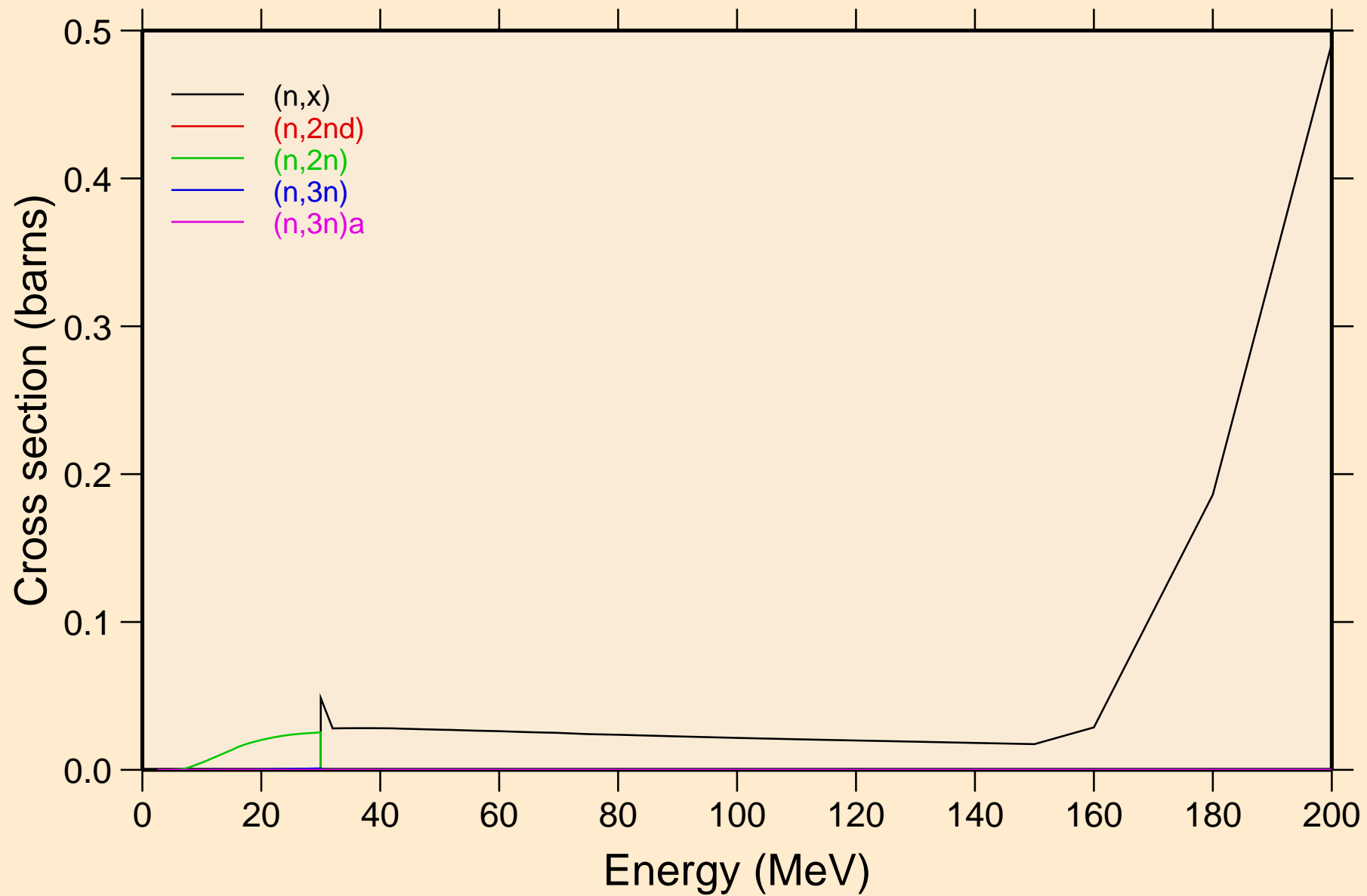


N-SG271 NRG TENDL-2017, AKONING  
Inelastic levels



# N-SG271 NRG TENDL-2017, AKONING

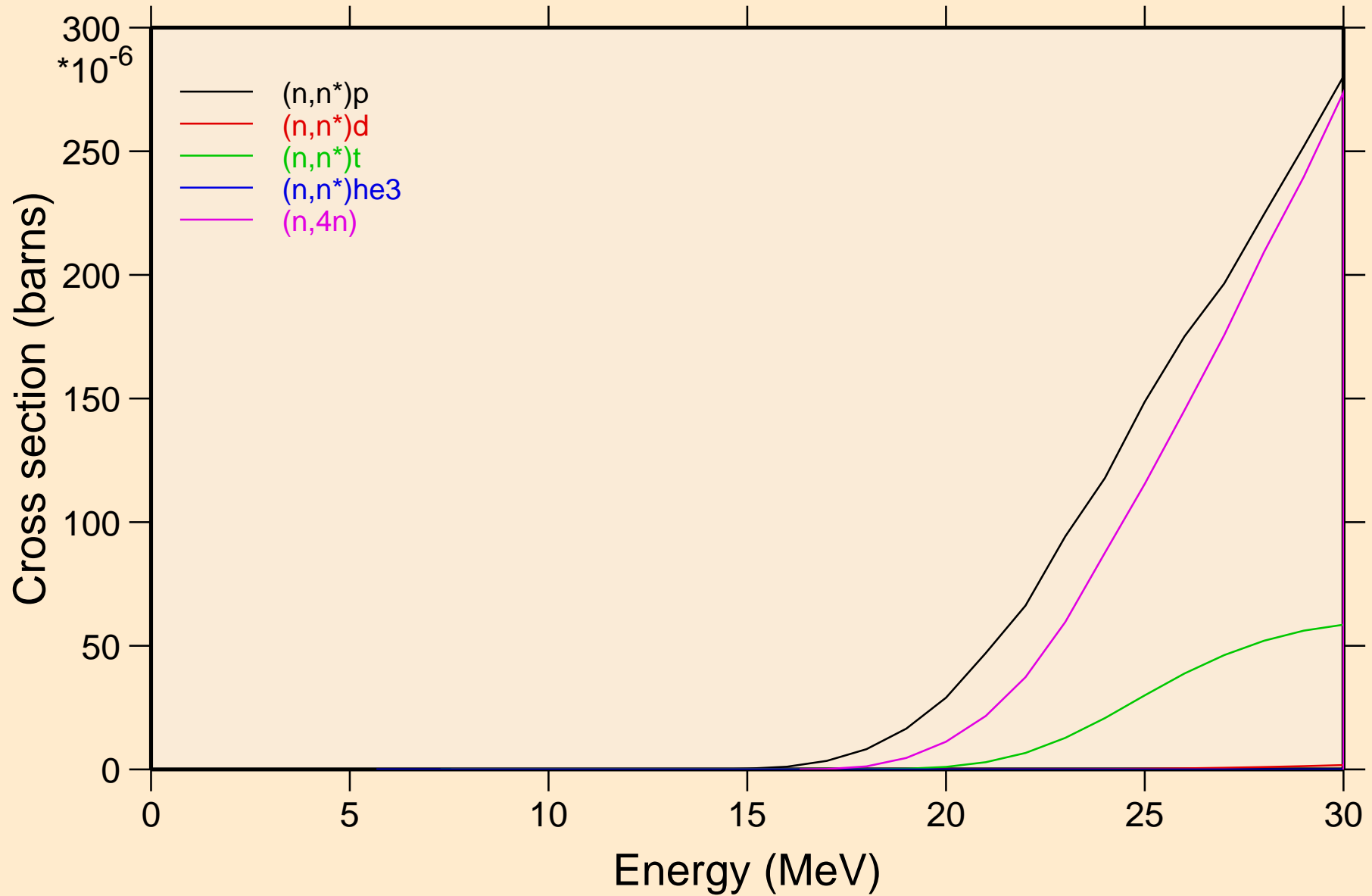
## Threshold reactions





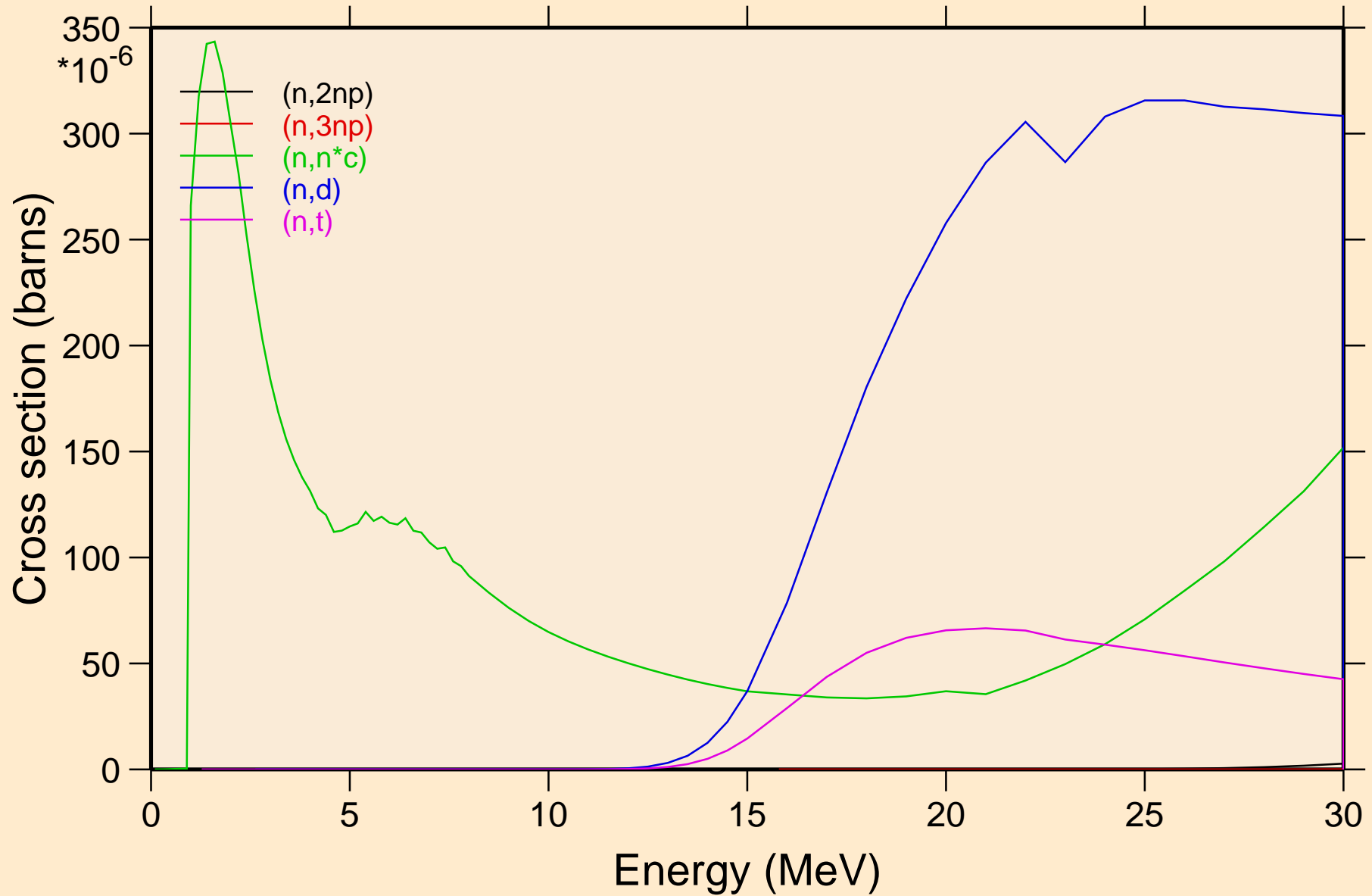
# N-SG271 NRG TENDL-2017, AKONING

## Threshold reactions



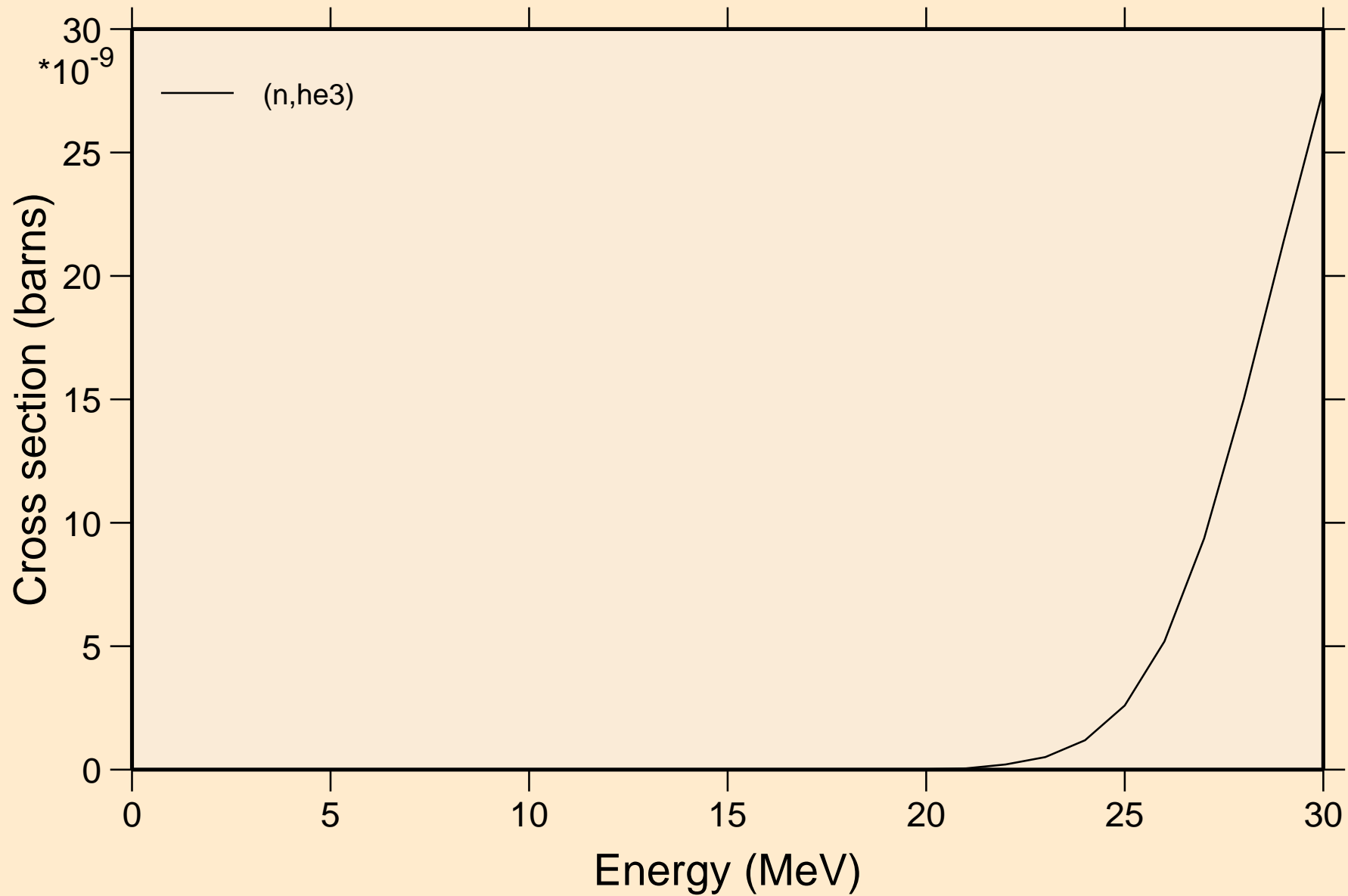
# N-SG271 NRG TENDL-2017, AKONING

## Threshold reactions

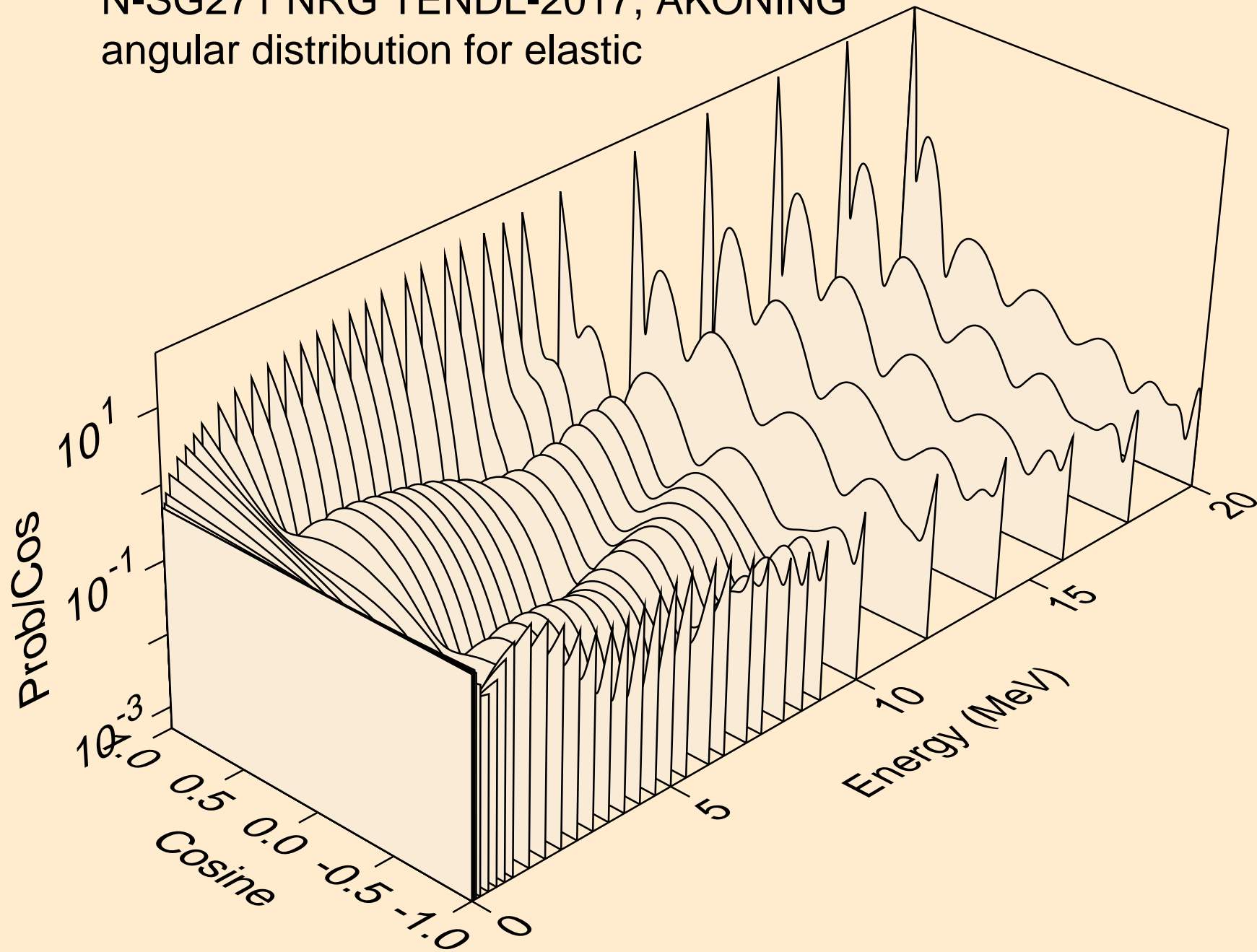


# N-SG271 NRG TENDL-2017, AKONING

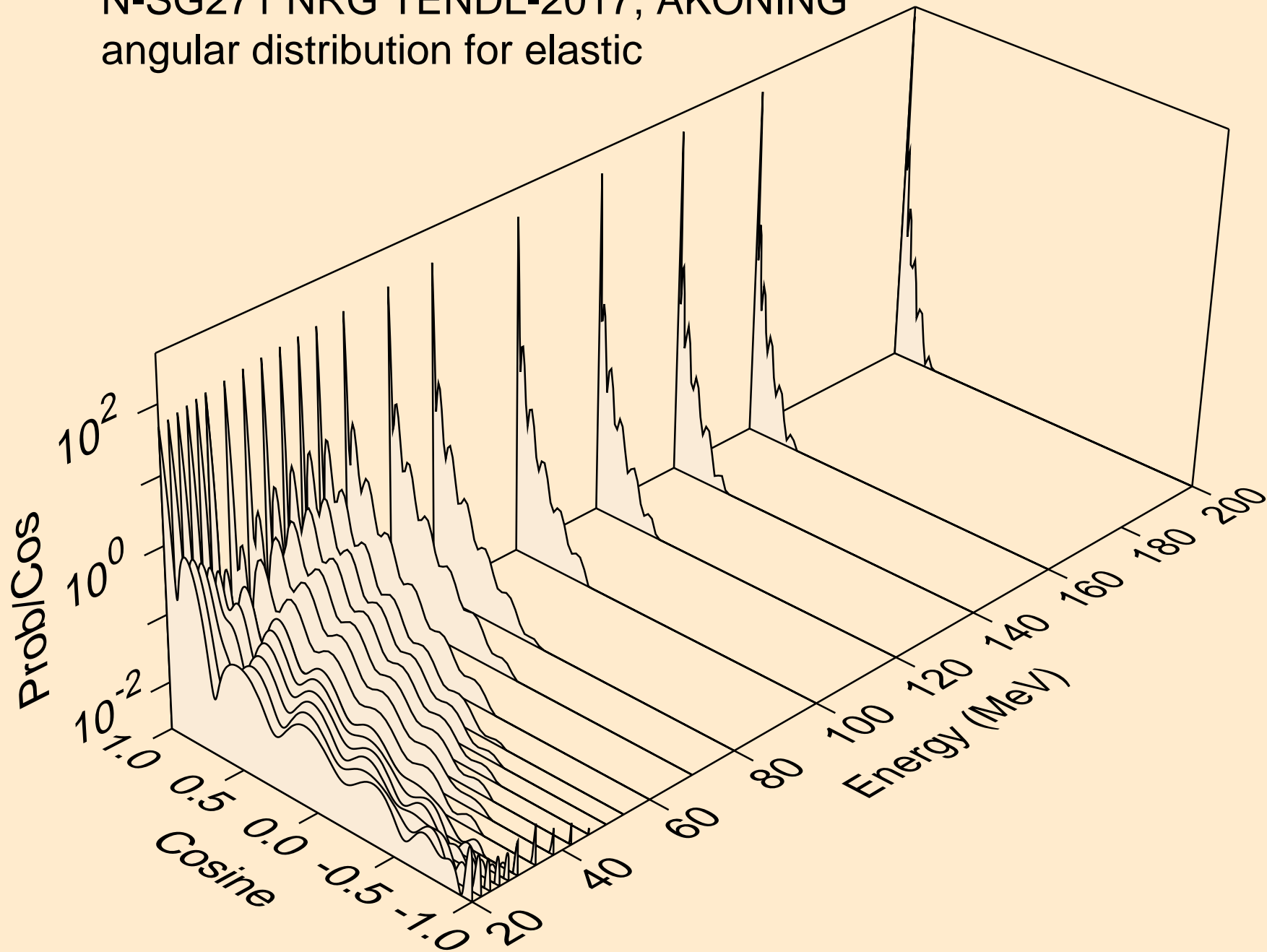
## Threshold reactions



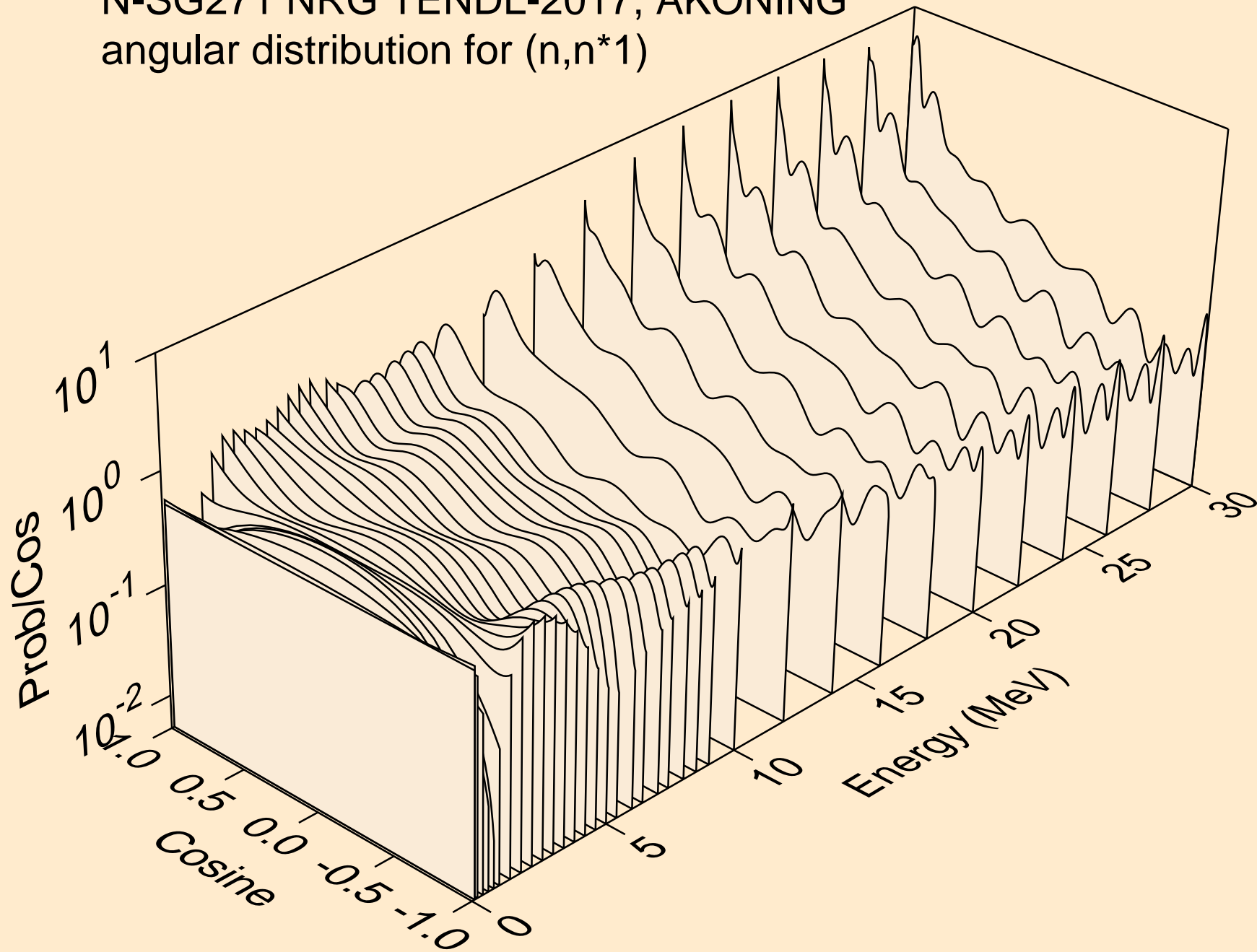
N-SG271 NRG TENDL-2017, AKONING  
angular distribution for elastic



N-SG271 NRG TENDL-2017, AKONING  
angular distribution for elastic

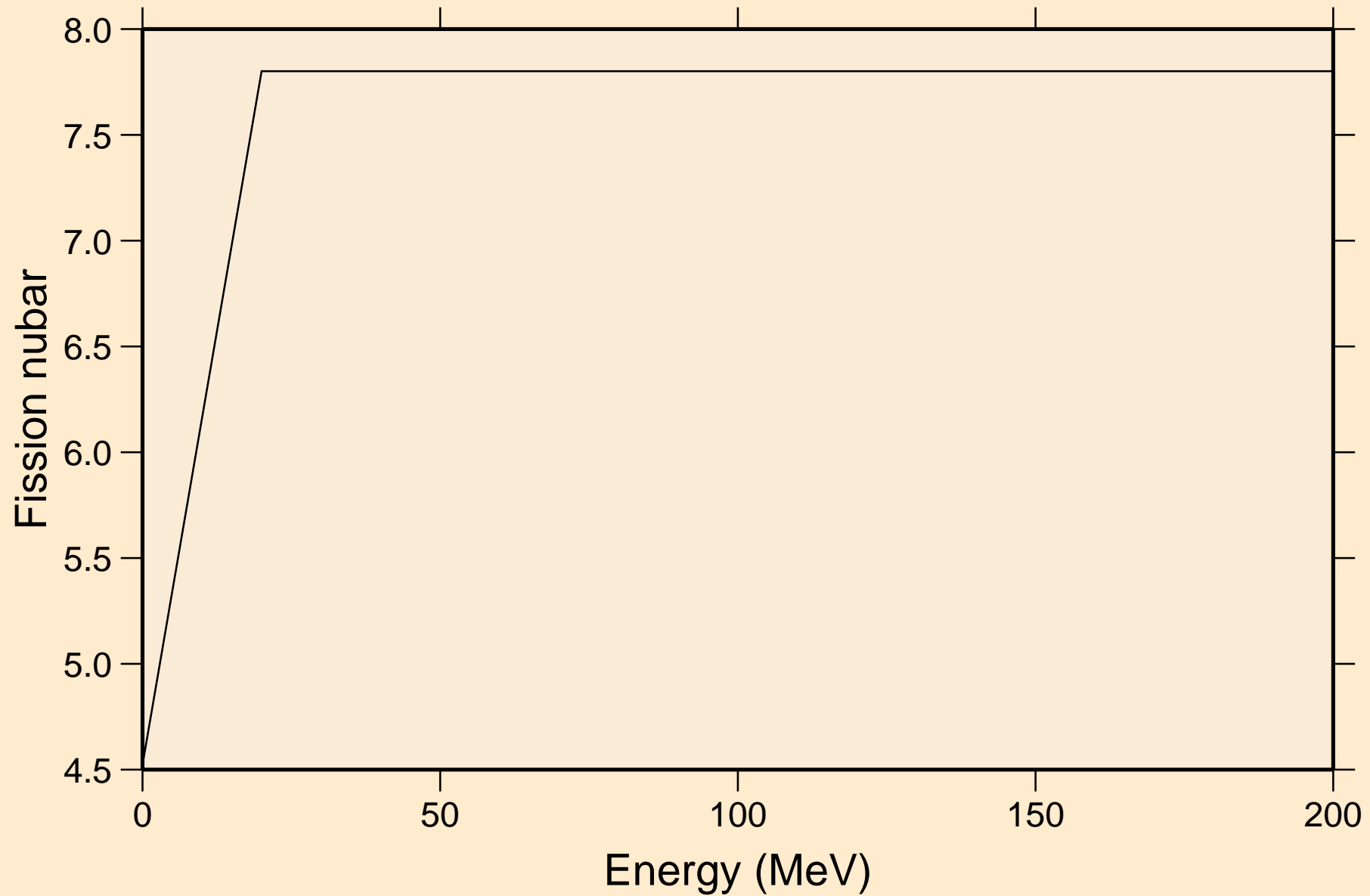


N-SG271 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)

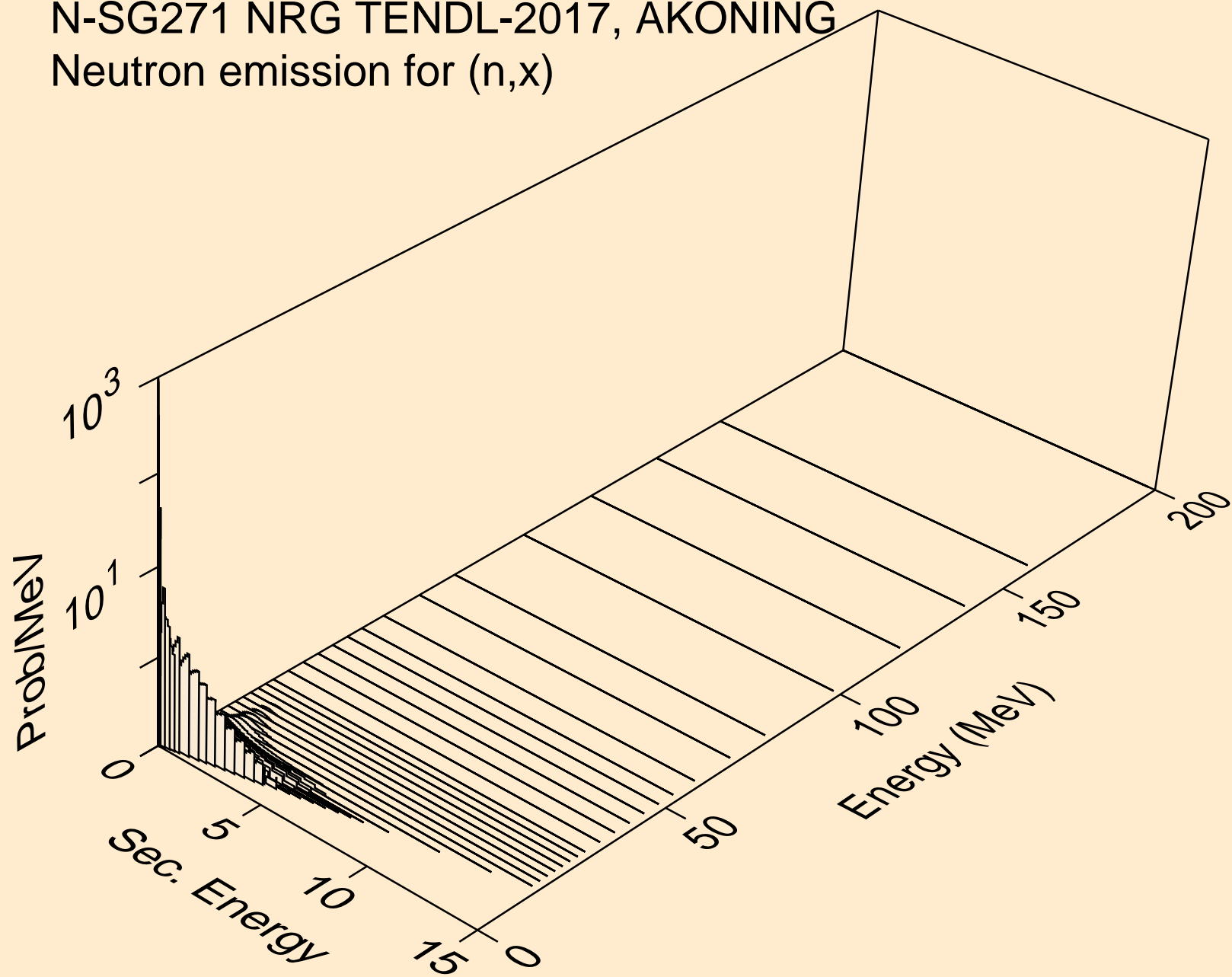


# N-SG271 NRG TENDL-2017, AKONING

Total fission nubar

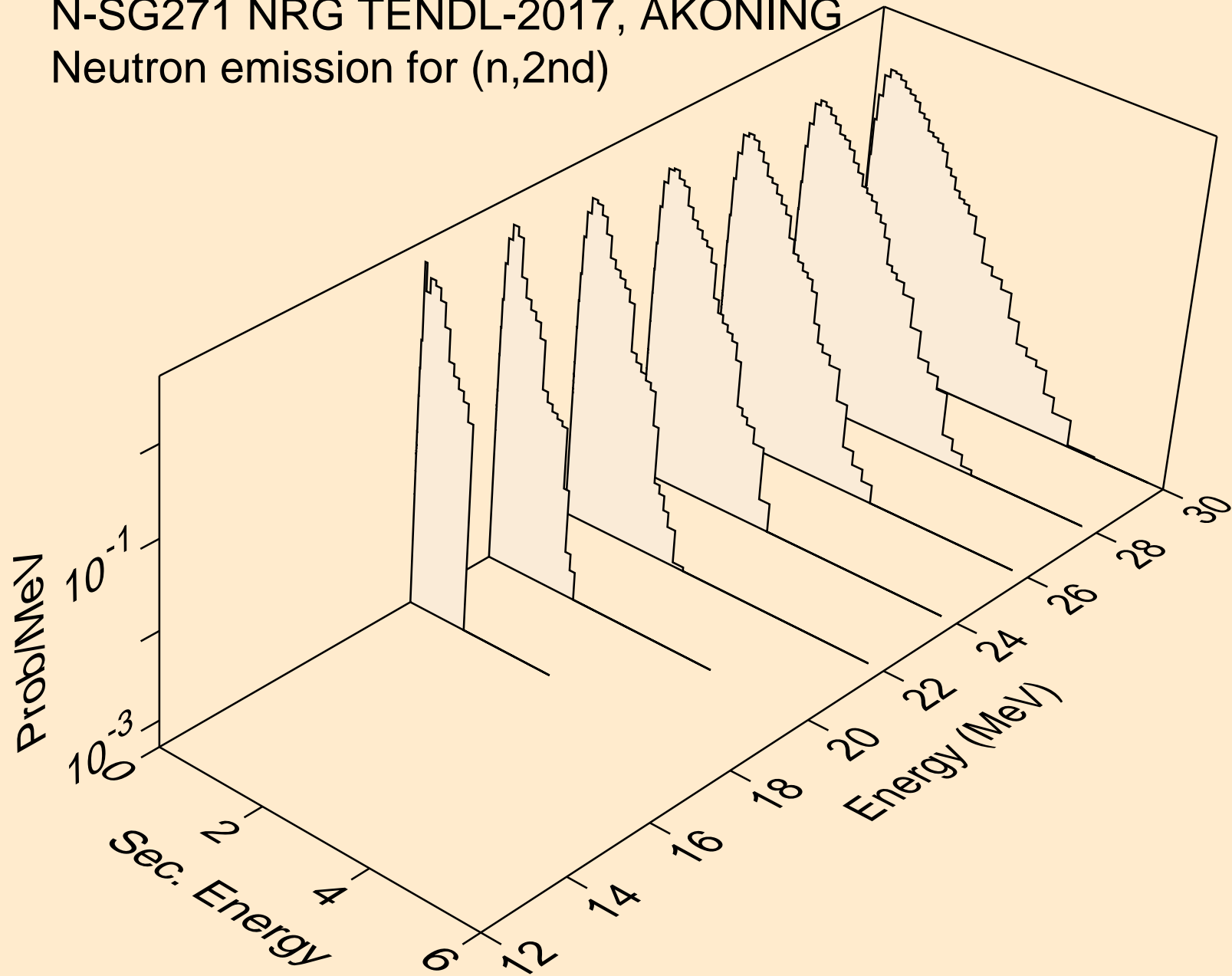


N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,x)

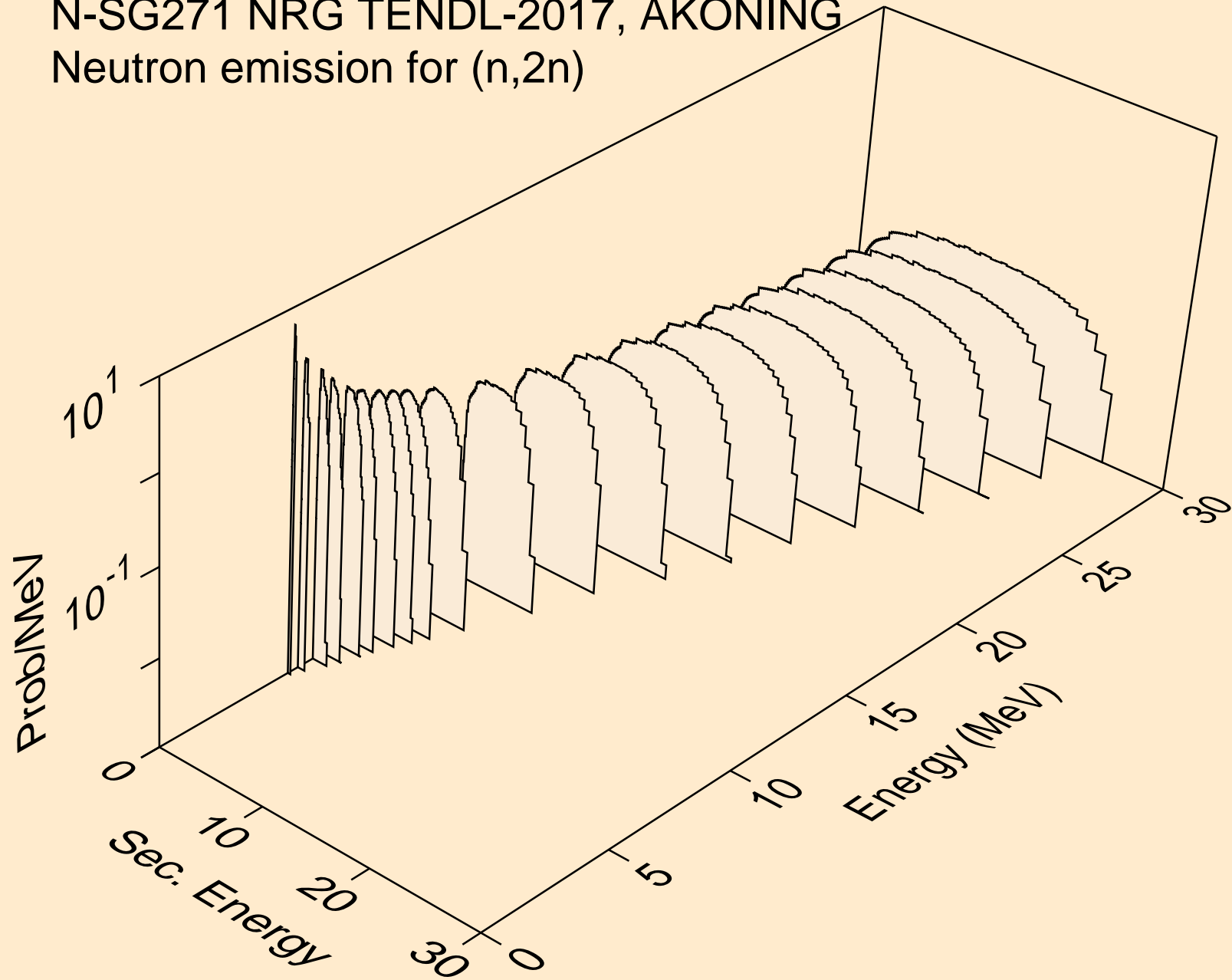




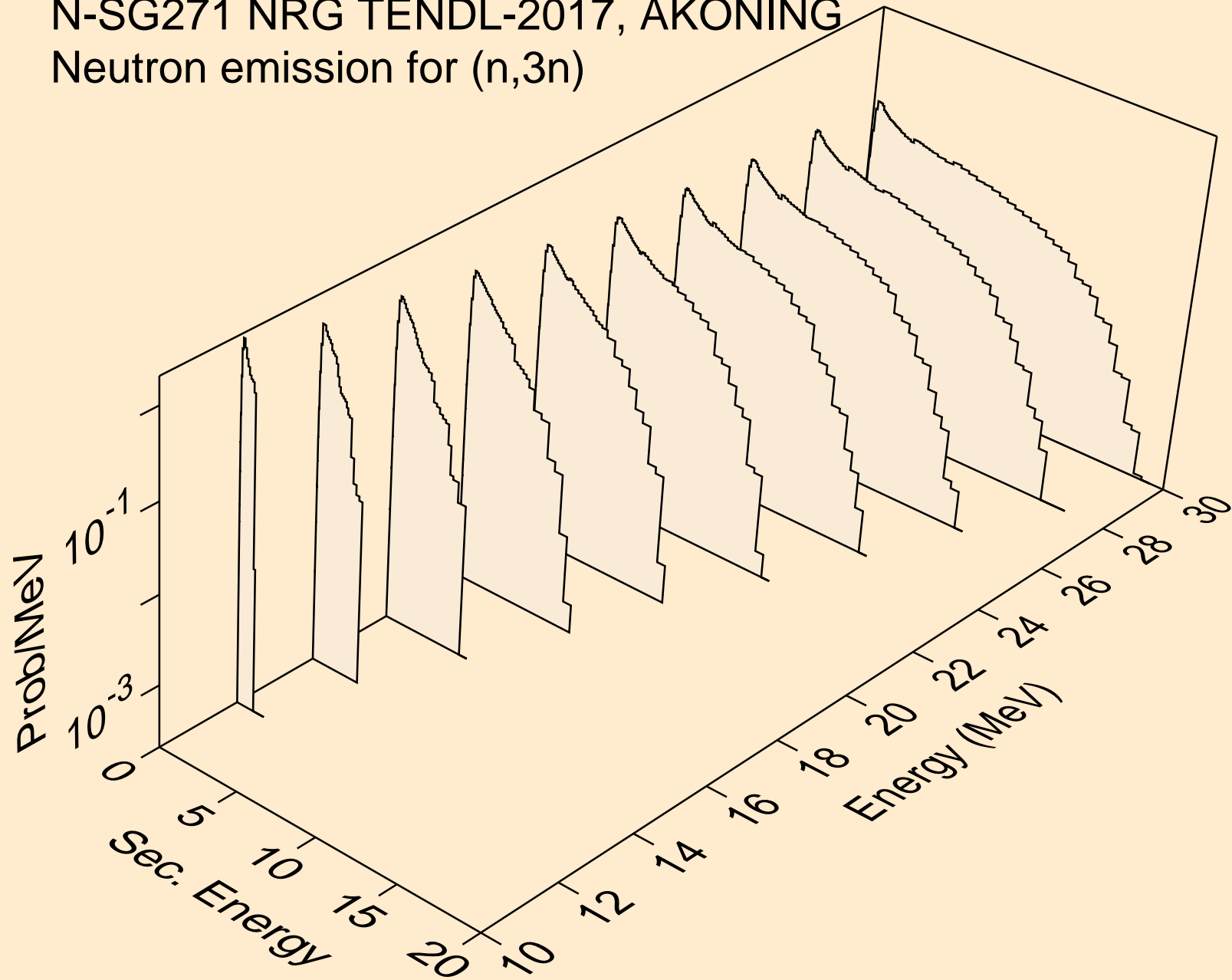
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)



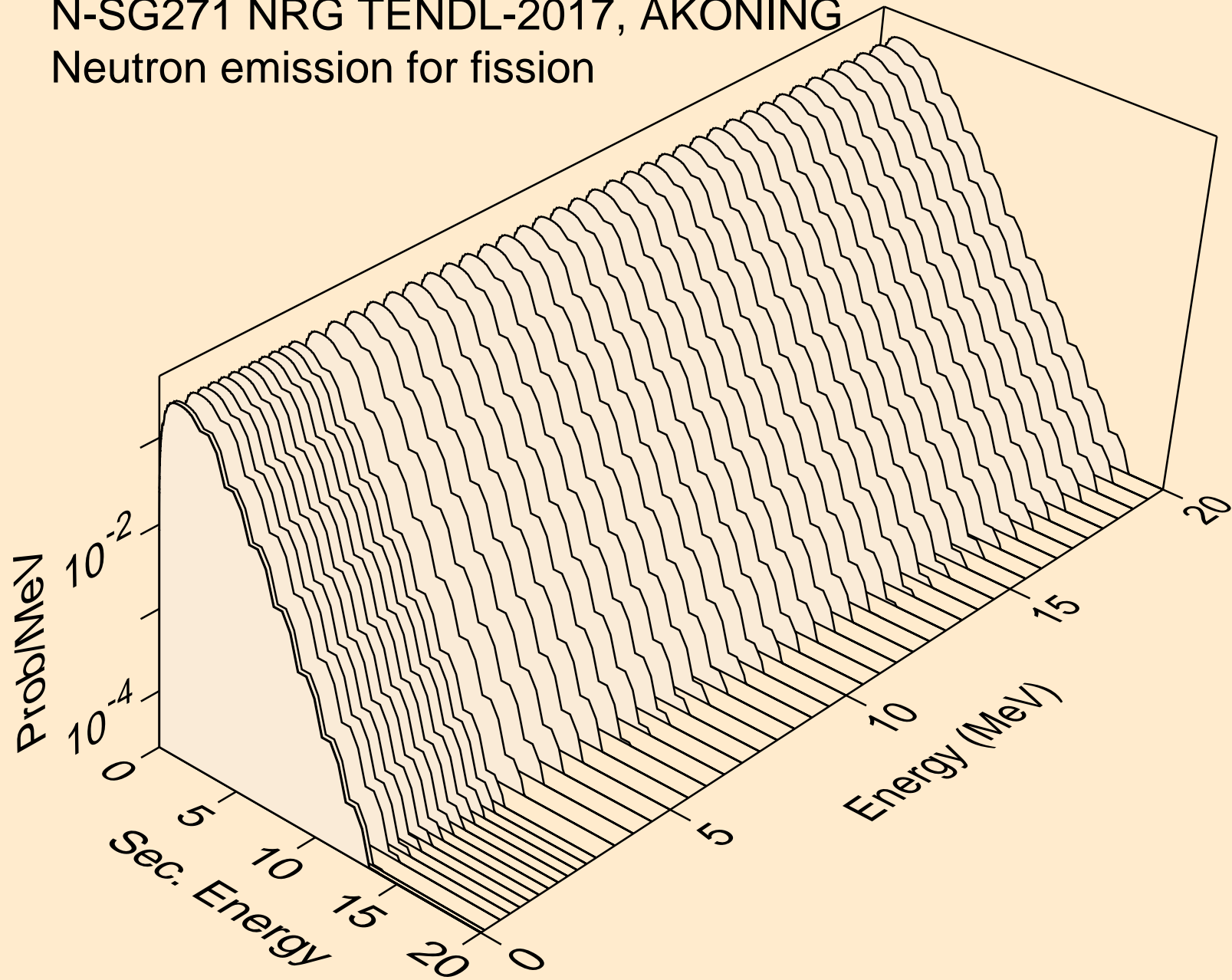
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)



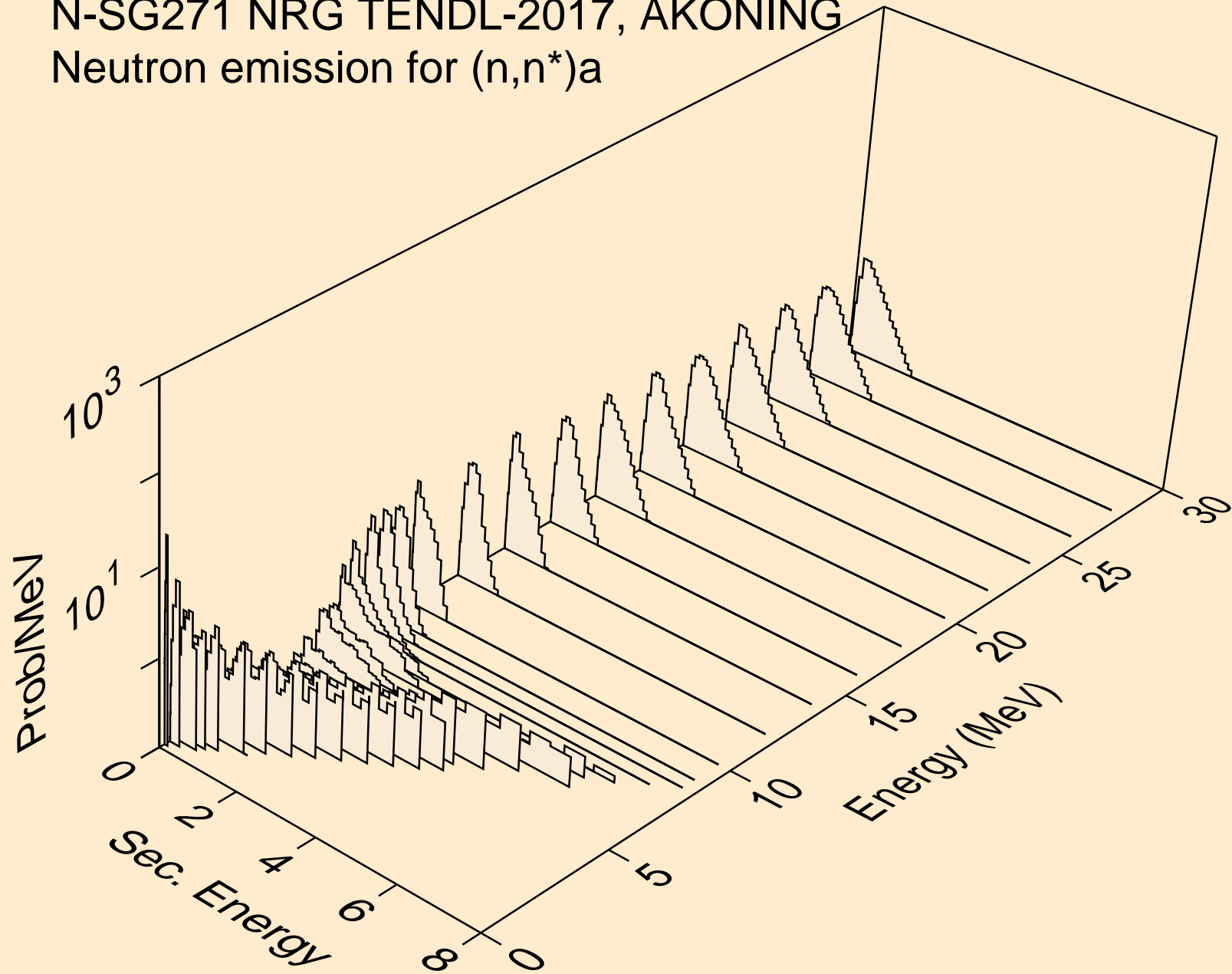
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)



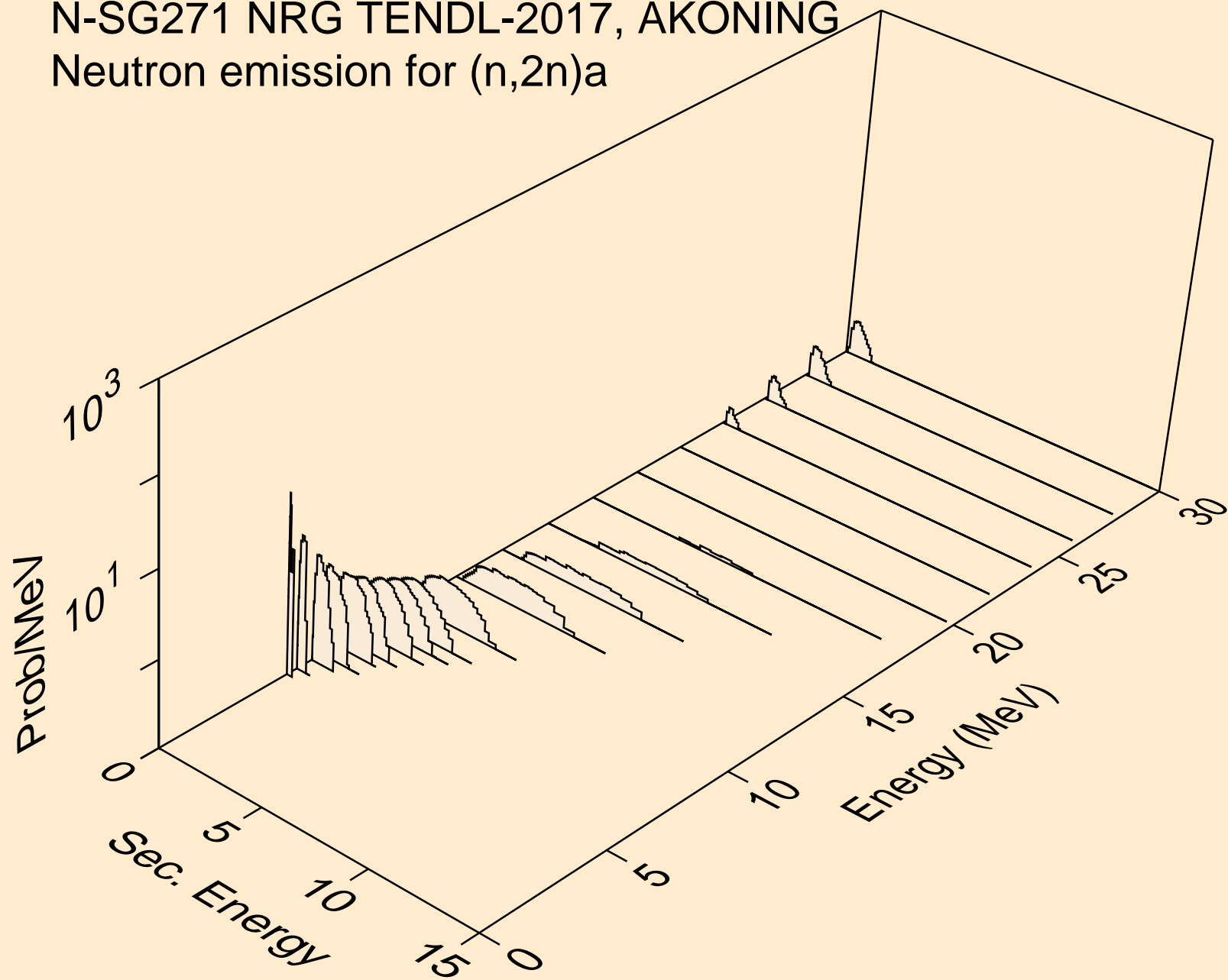
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for fission



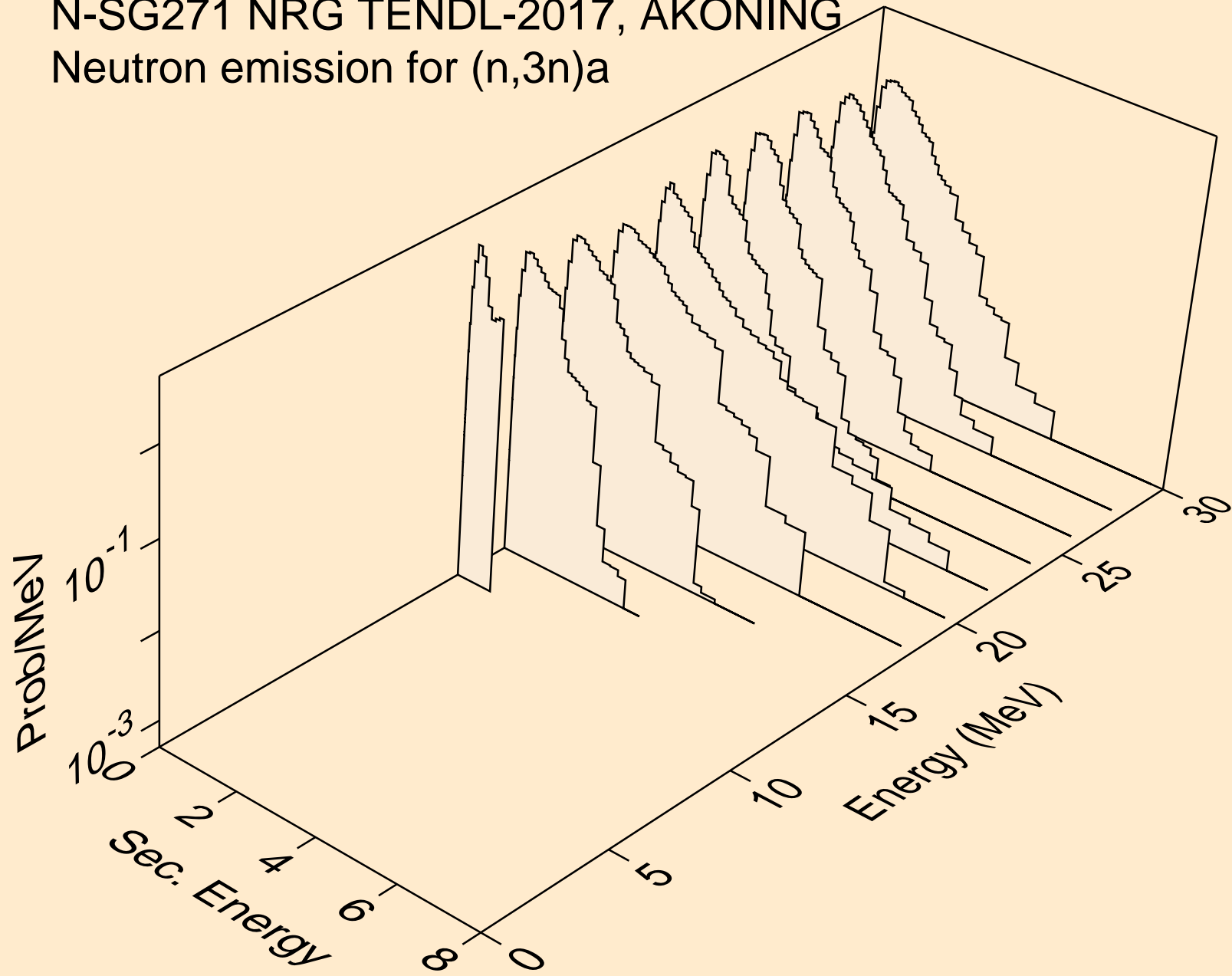
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a



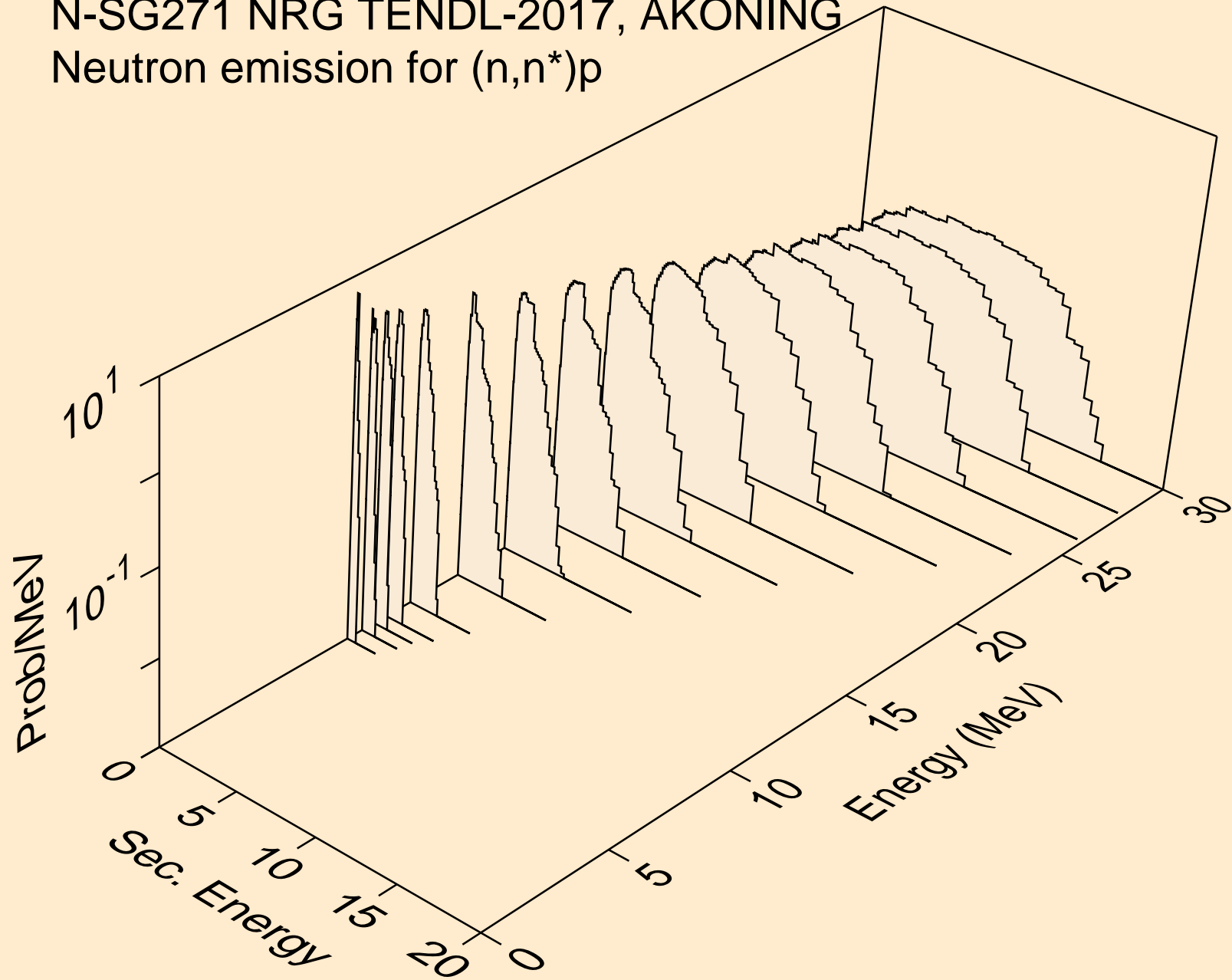
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)a



N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)a

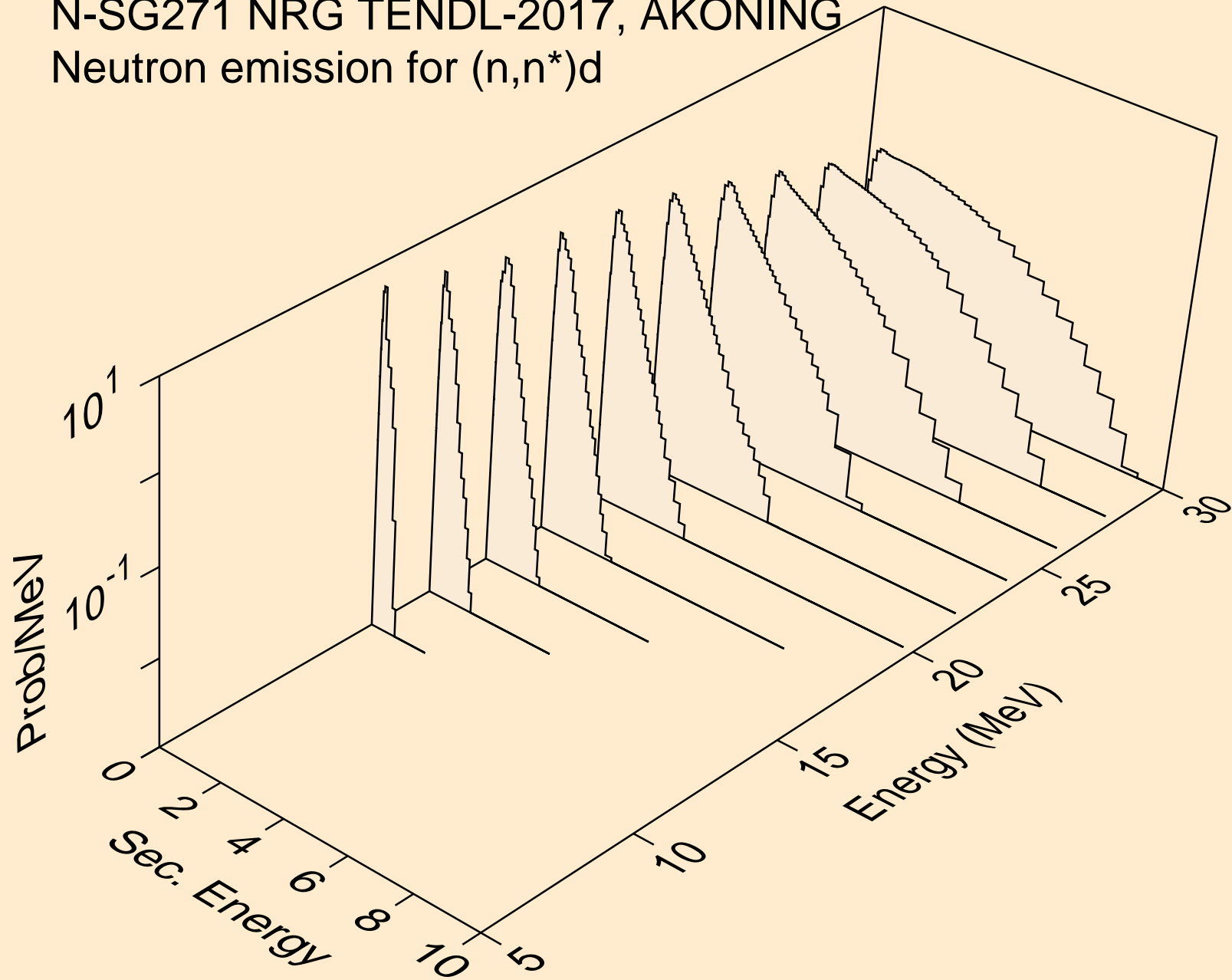


N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)p

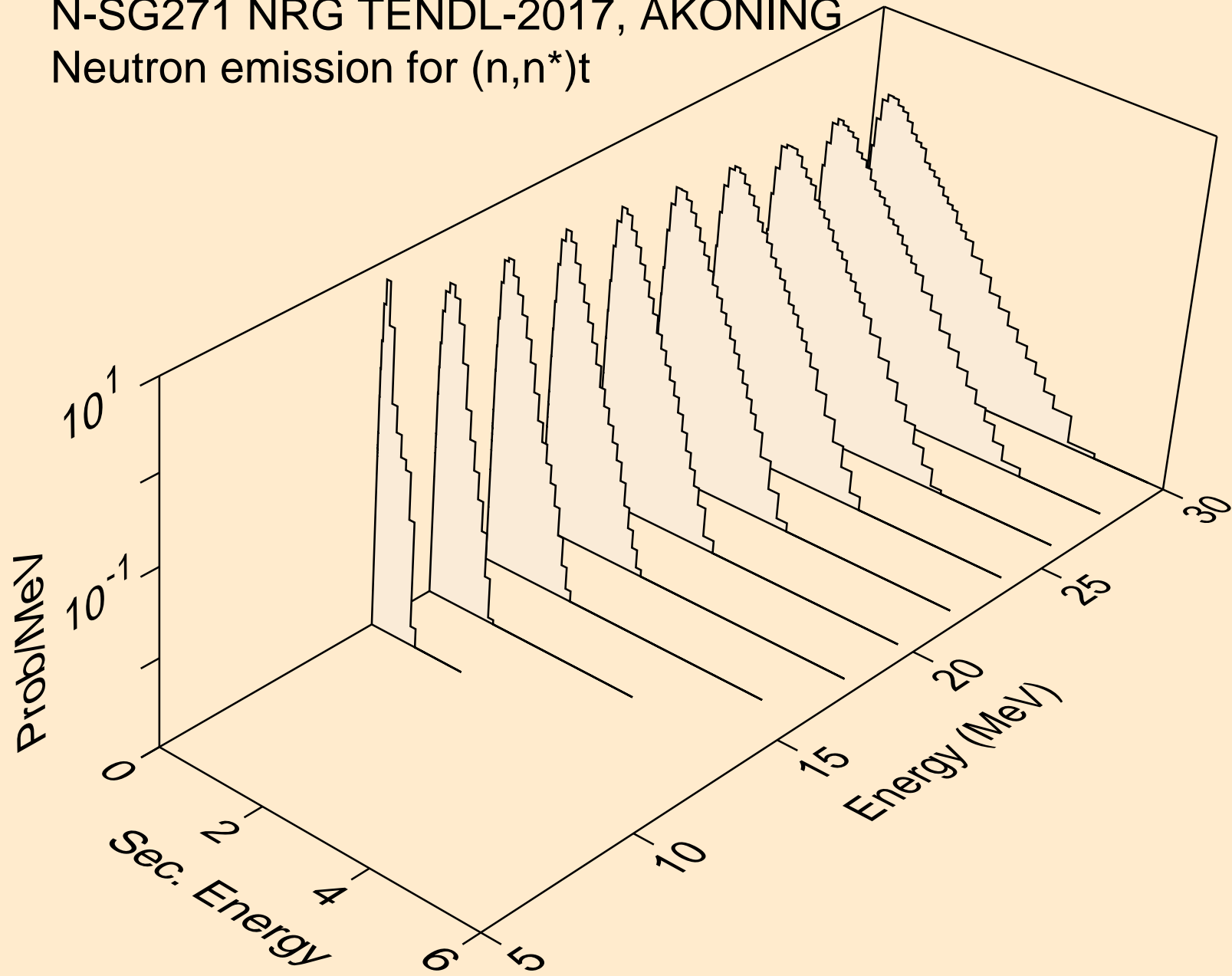




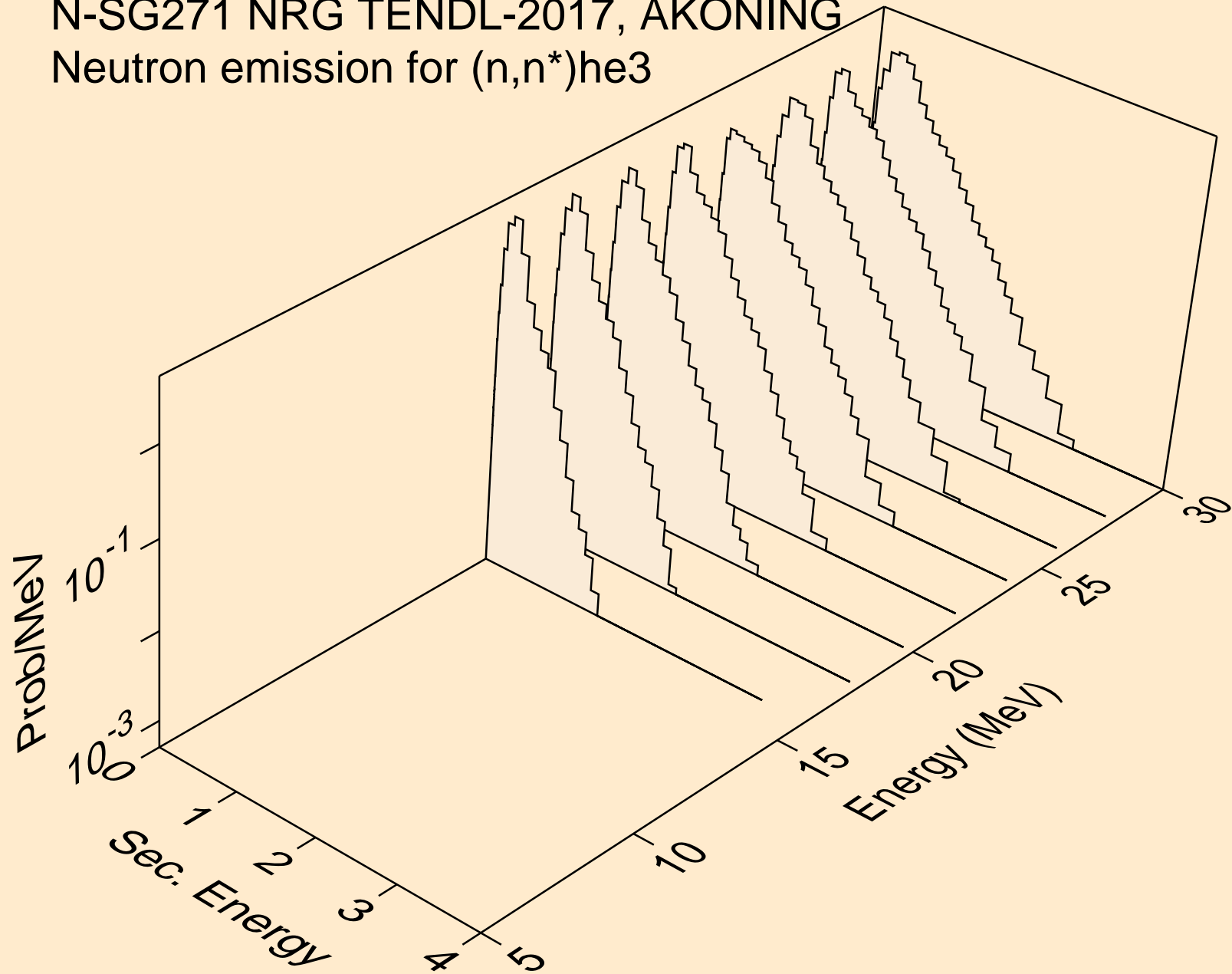
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d



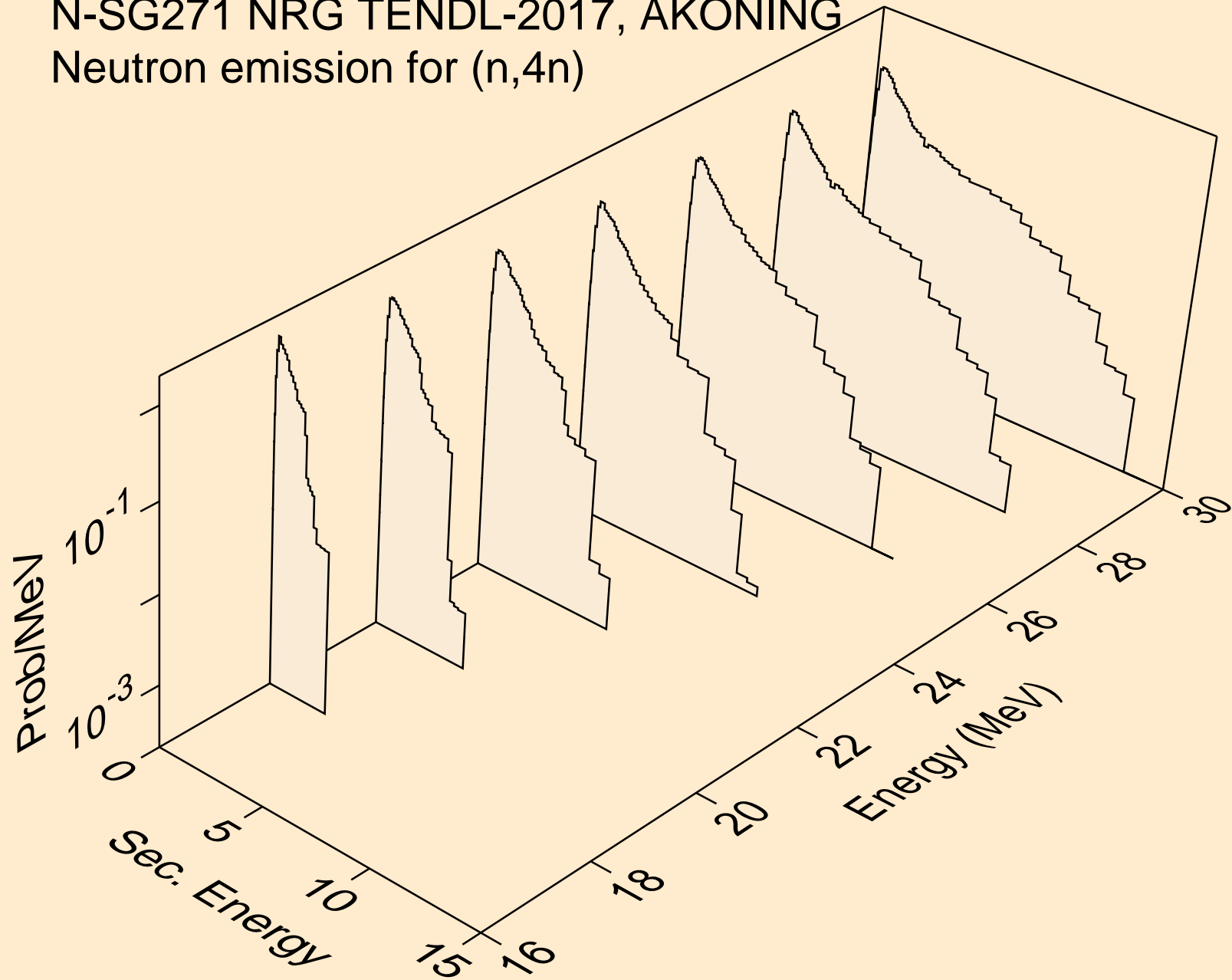
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t



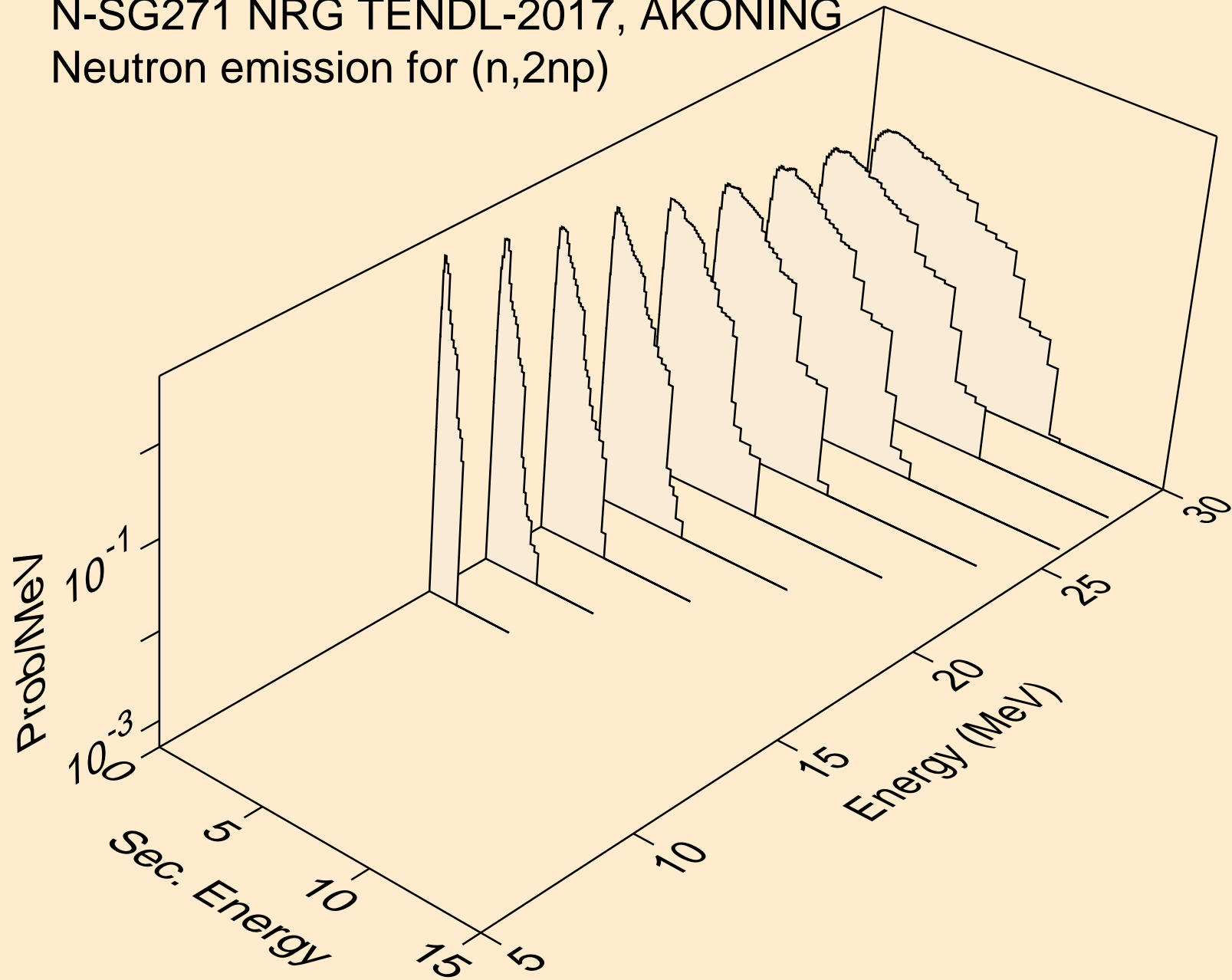
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)he3



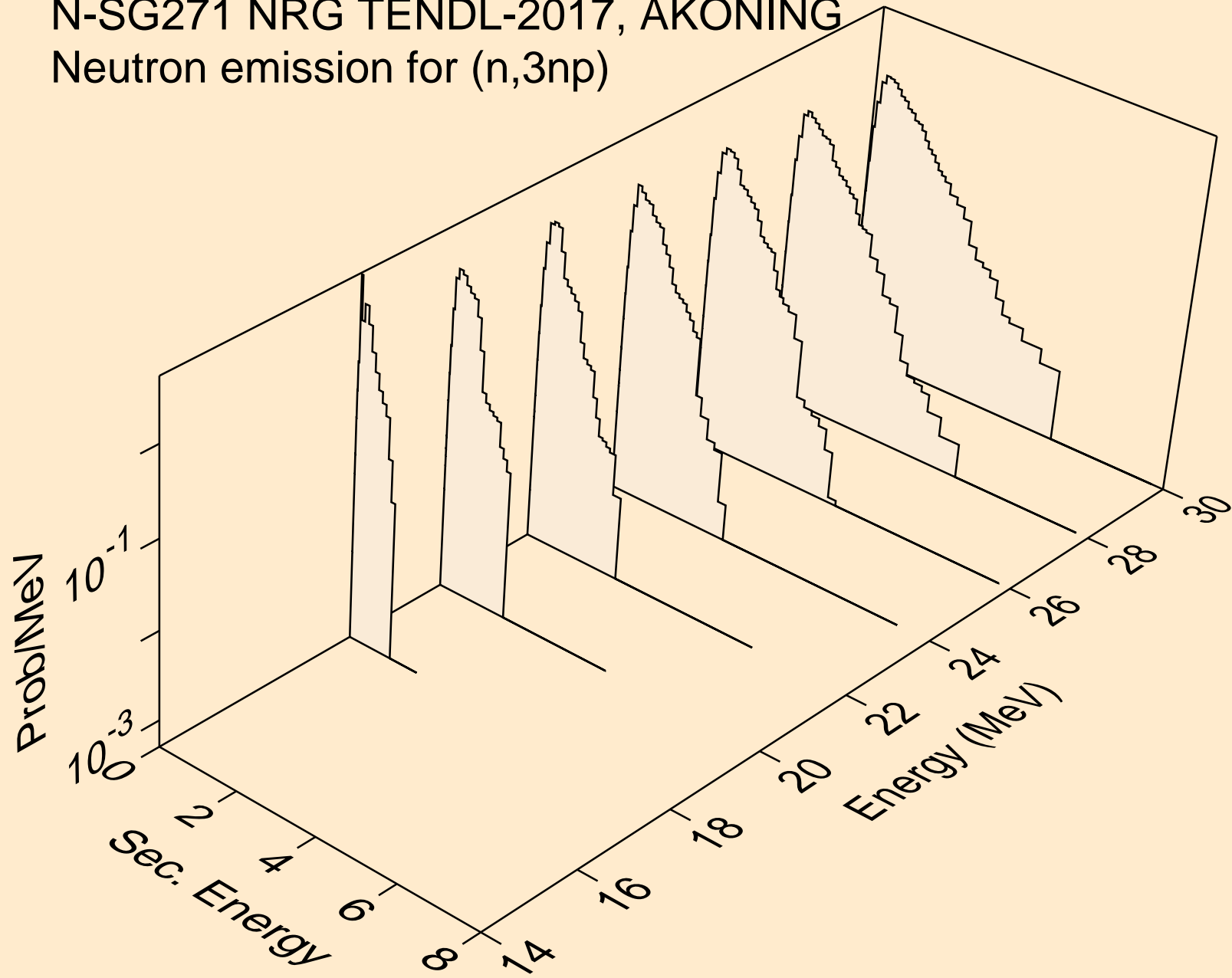
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,4n)



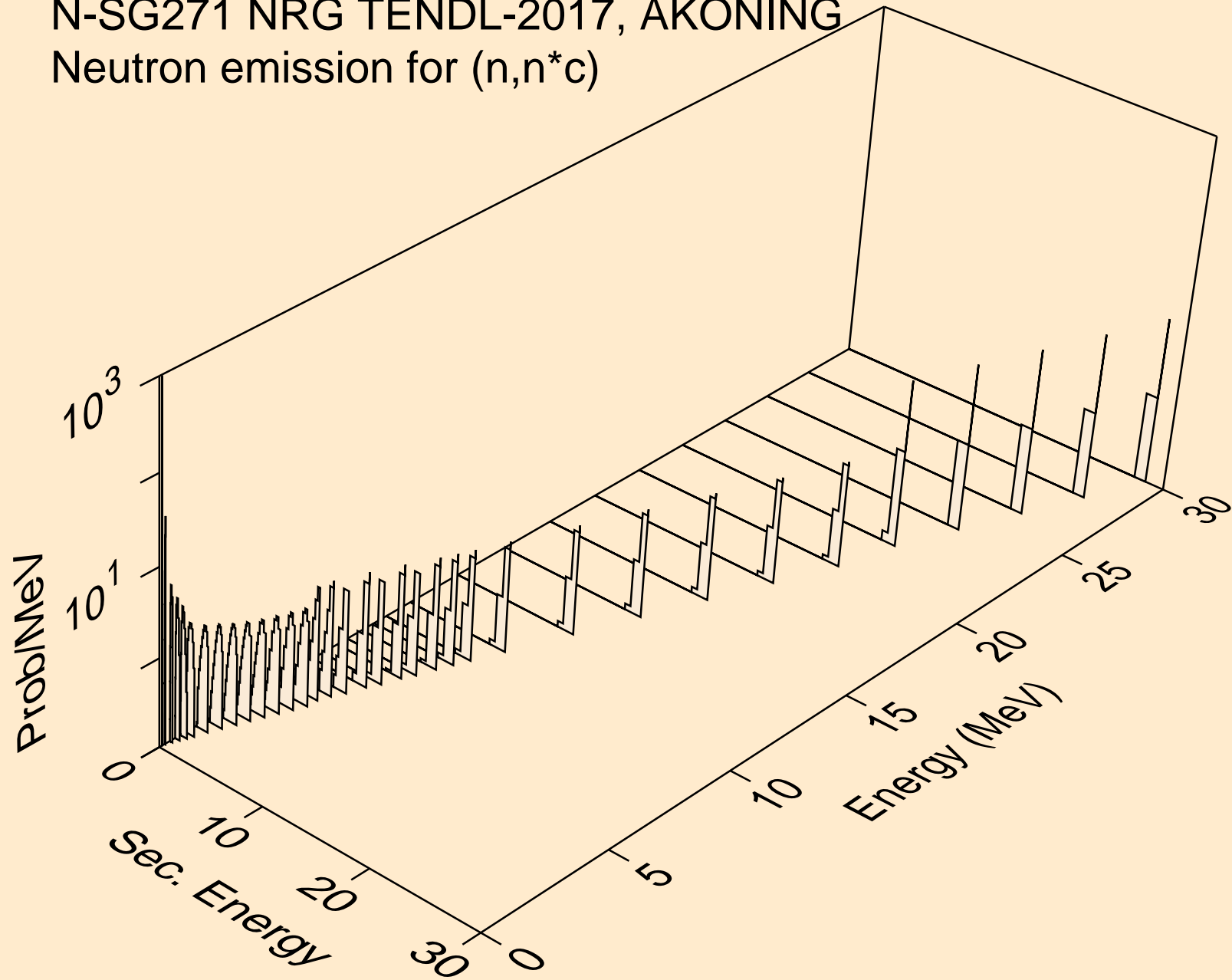
N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)



N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,3np)

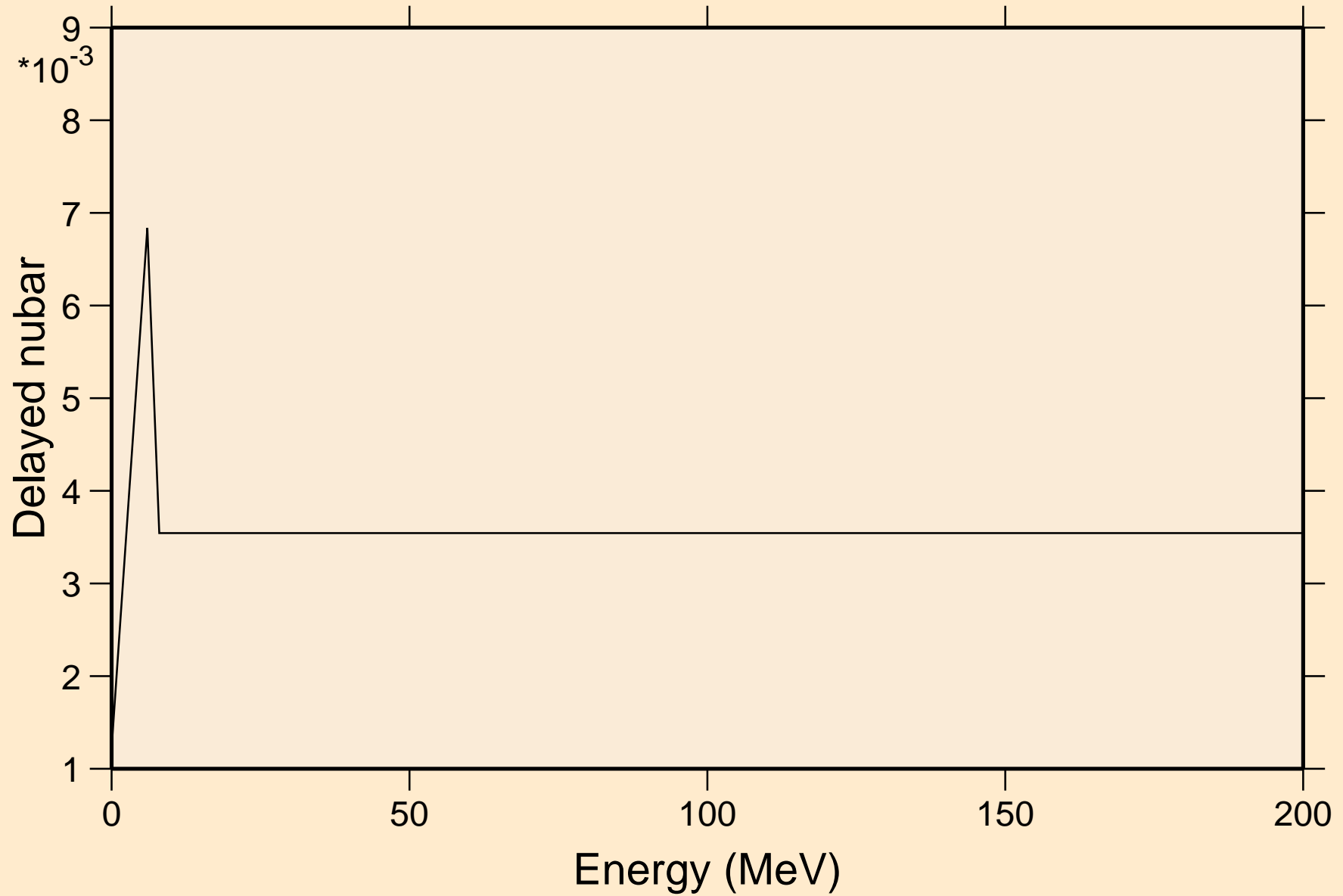


N-SG271 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*c)



# N-SG271 NRG TENDL-2017, AKONING

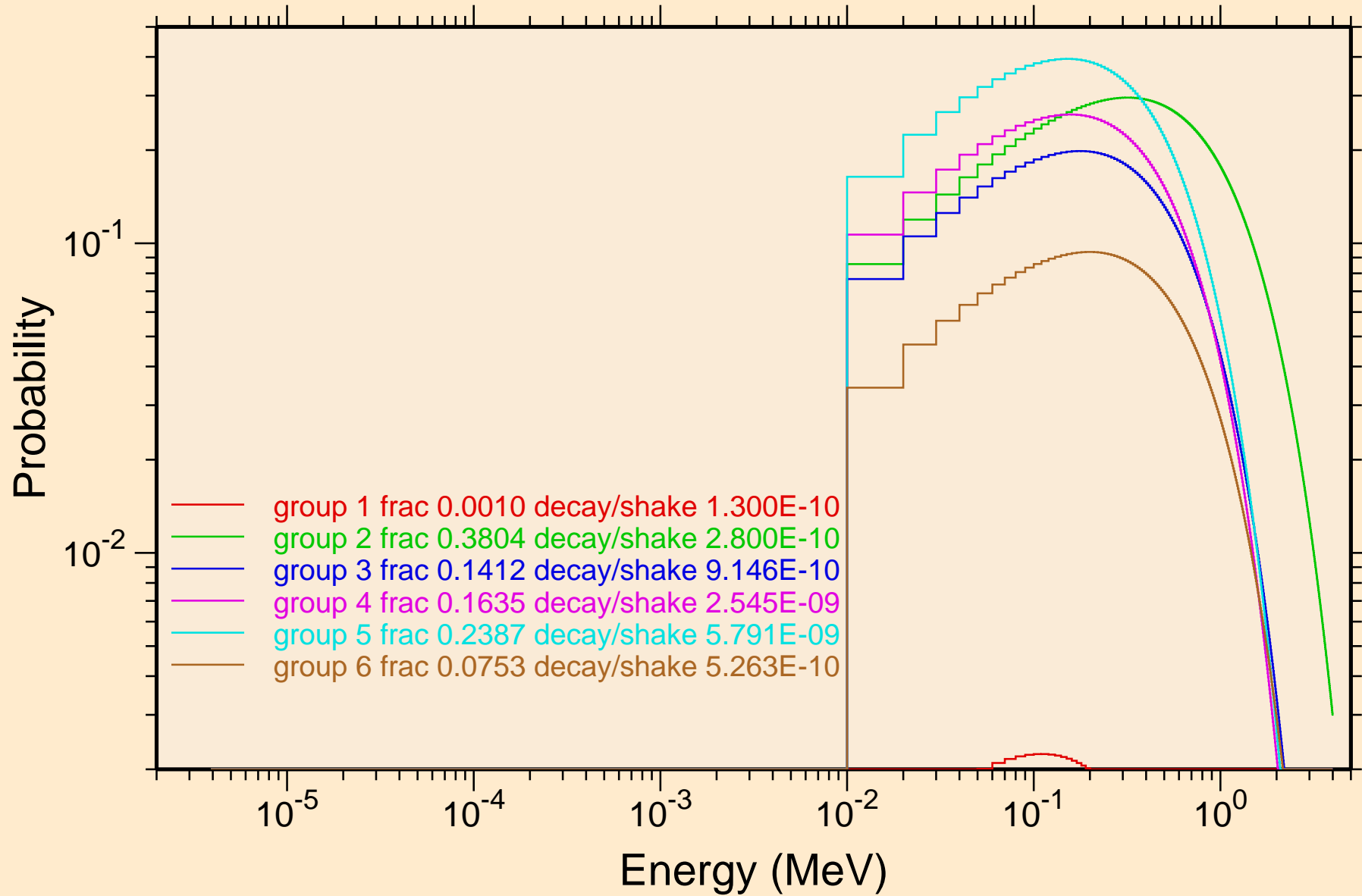
Delayed nubar



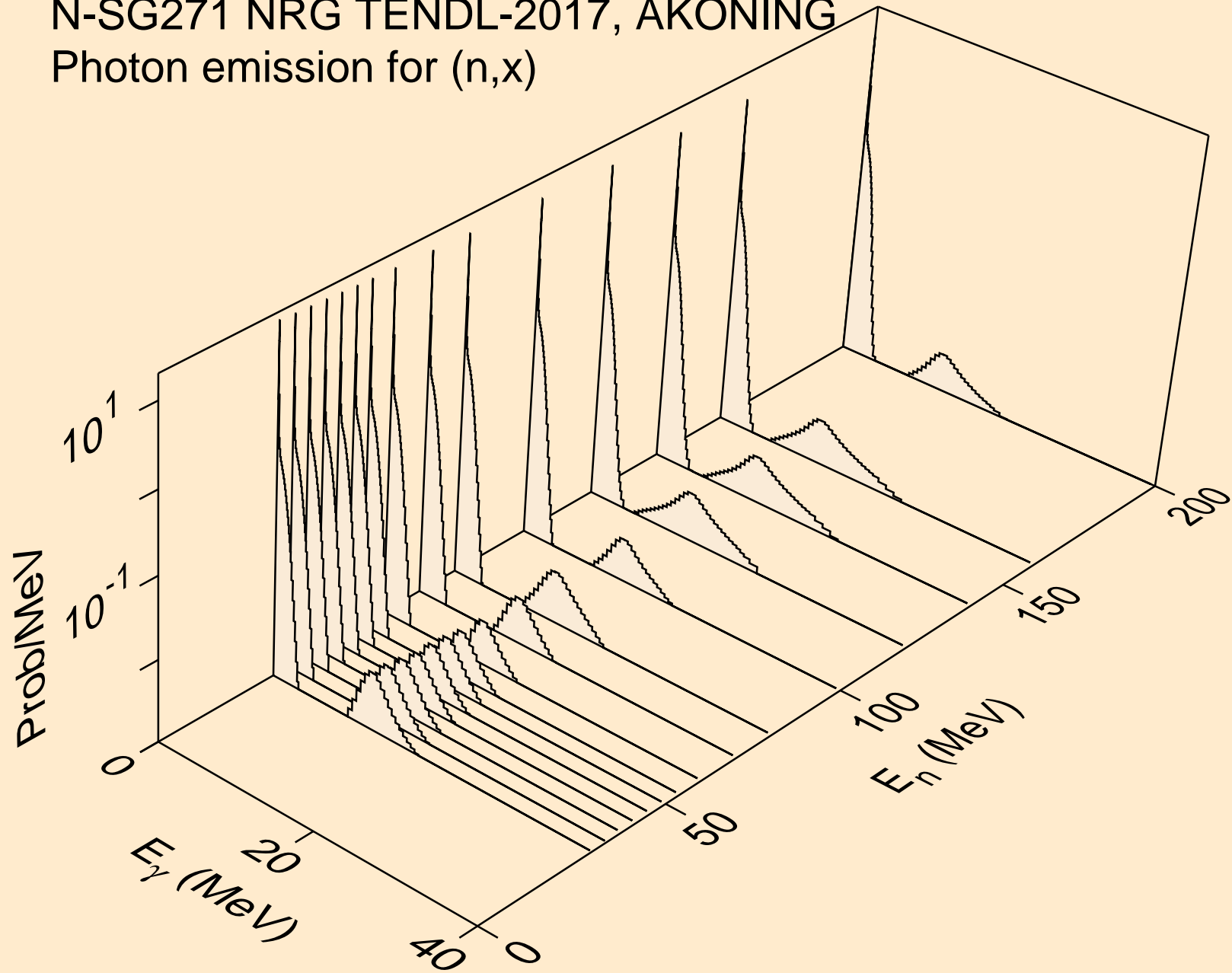


# N-SG271 NRG TENDL-2017, AKONING

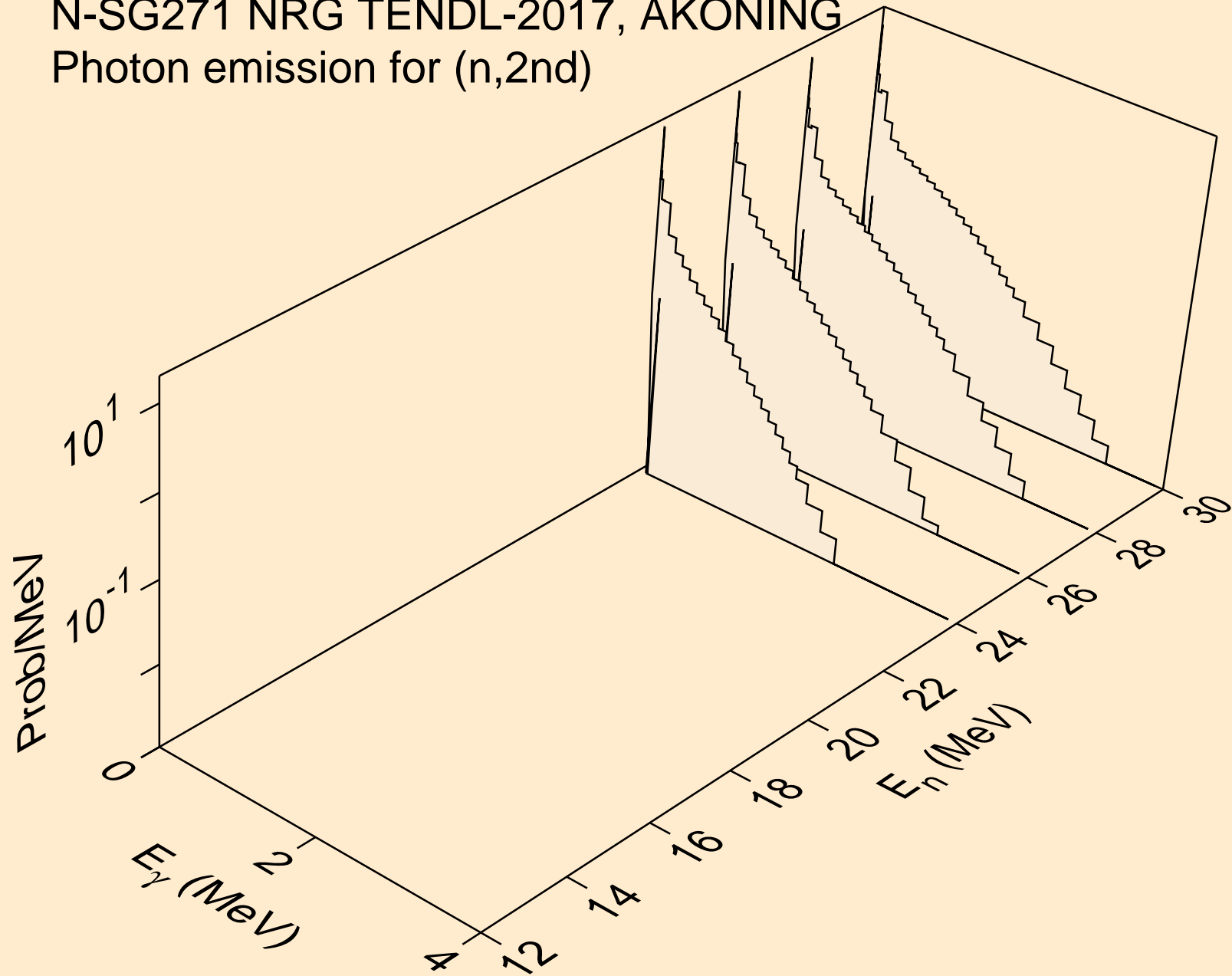
## Delayed neutron spectra



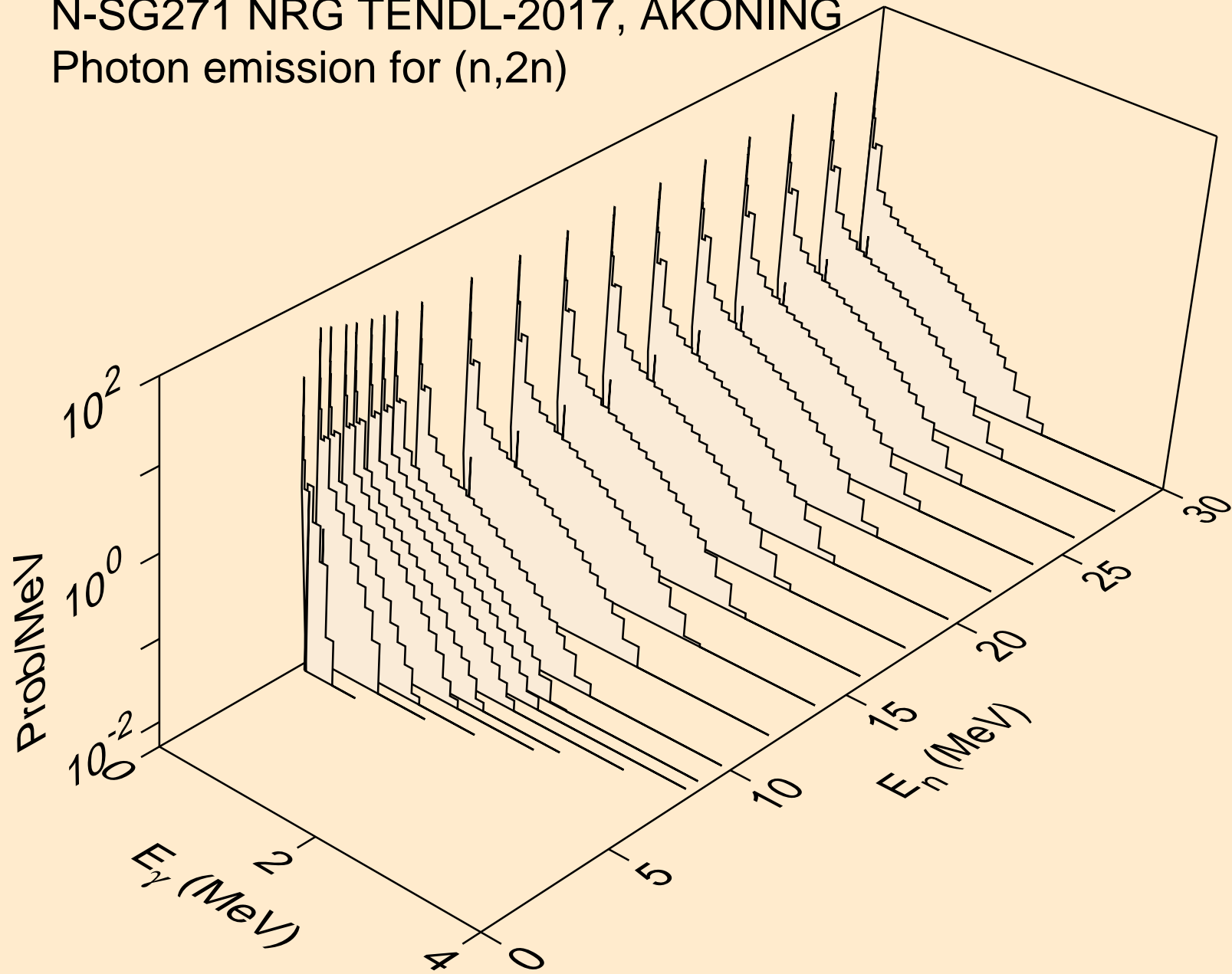
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,x)



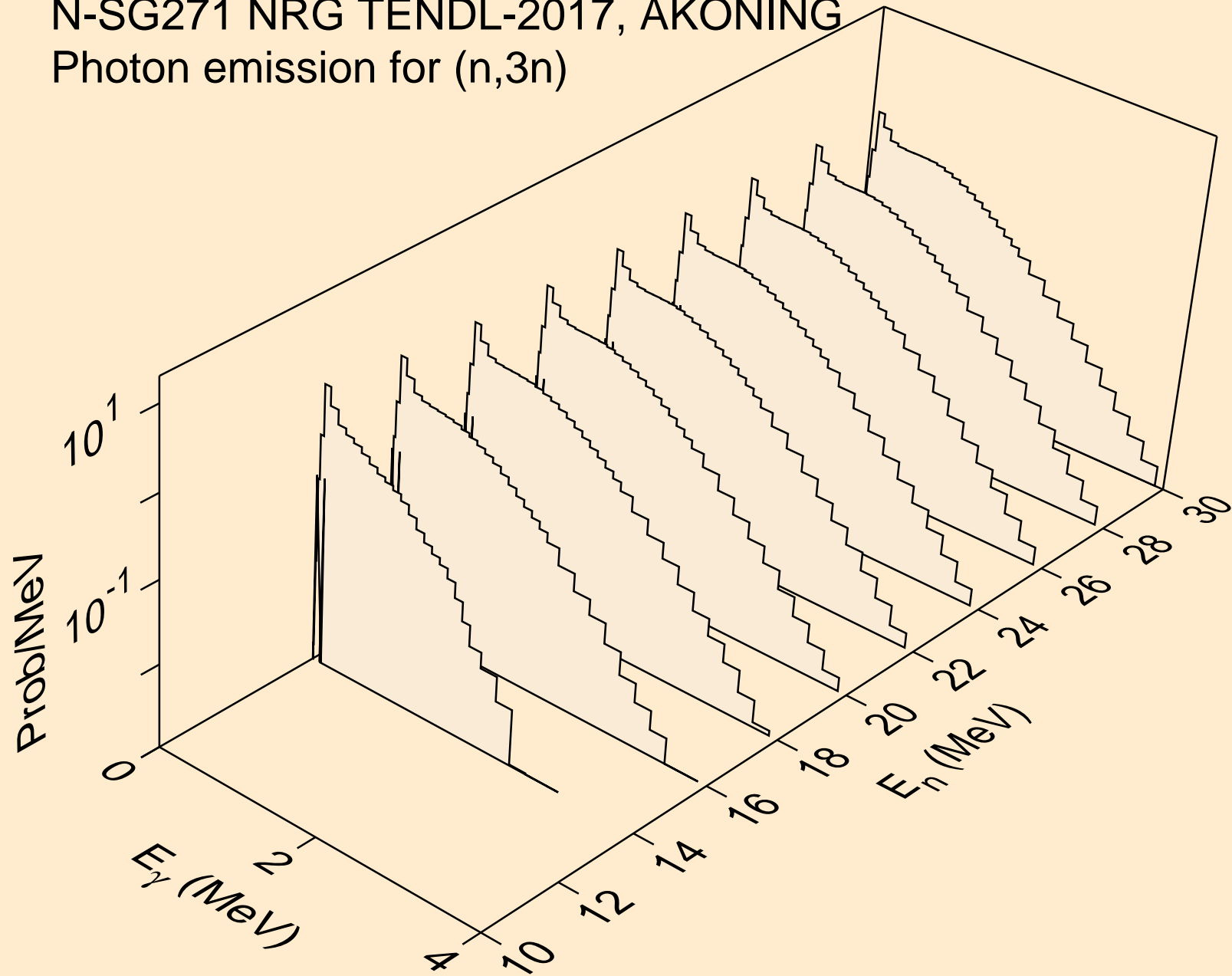
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)



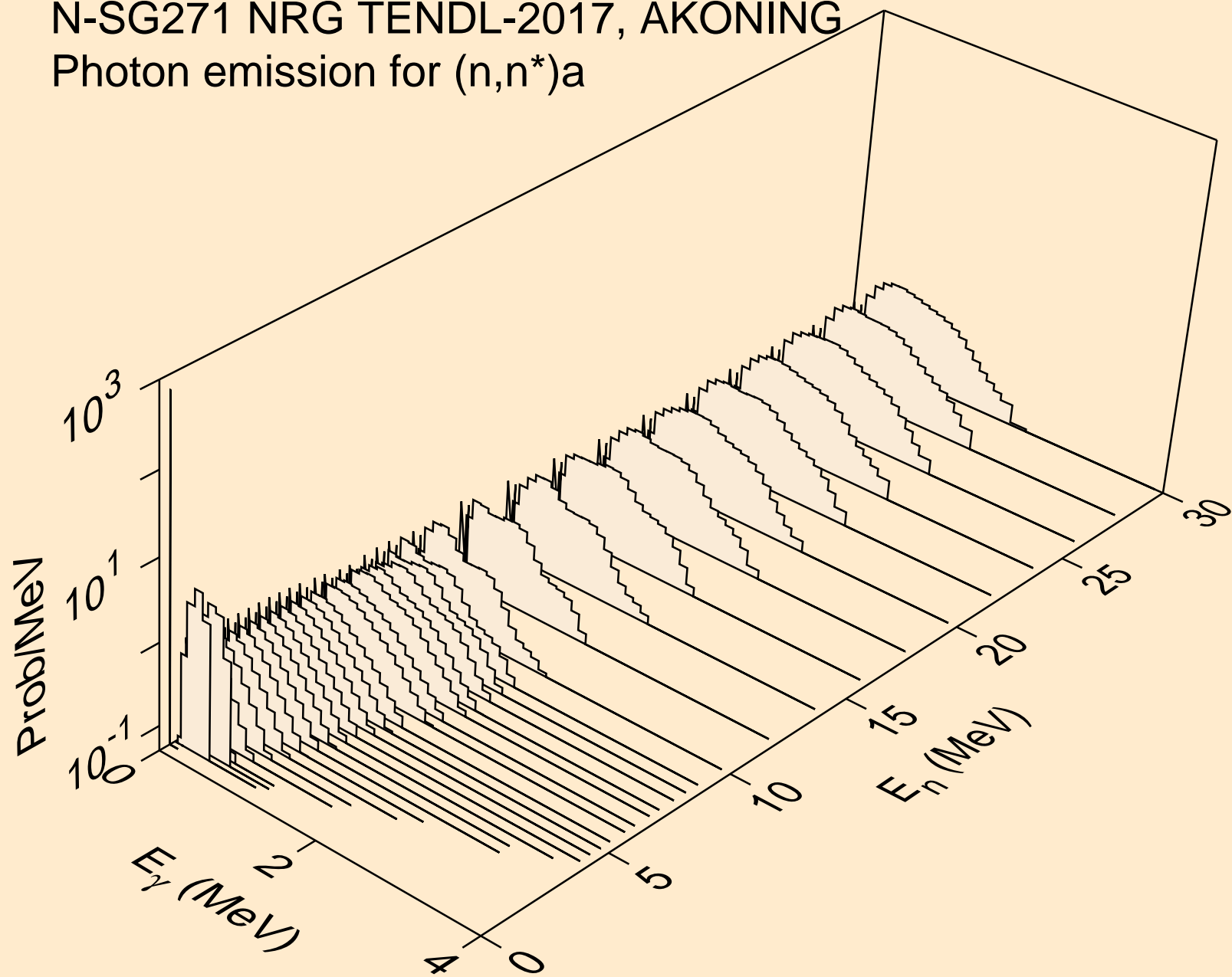
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)



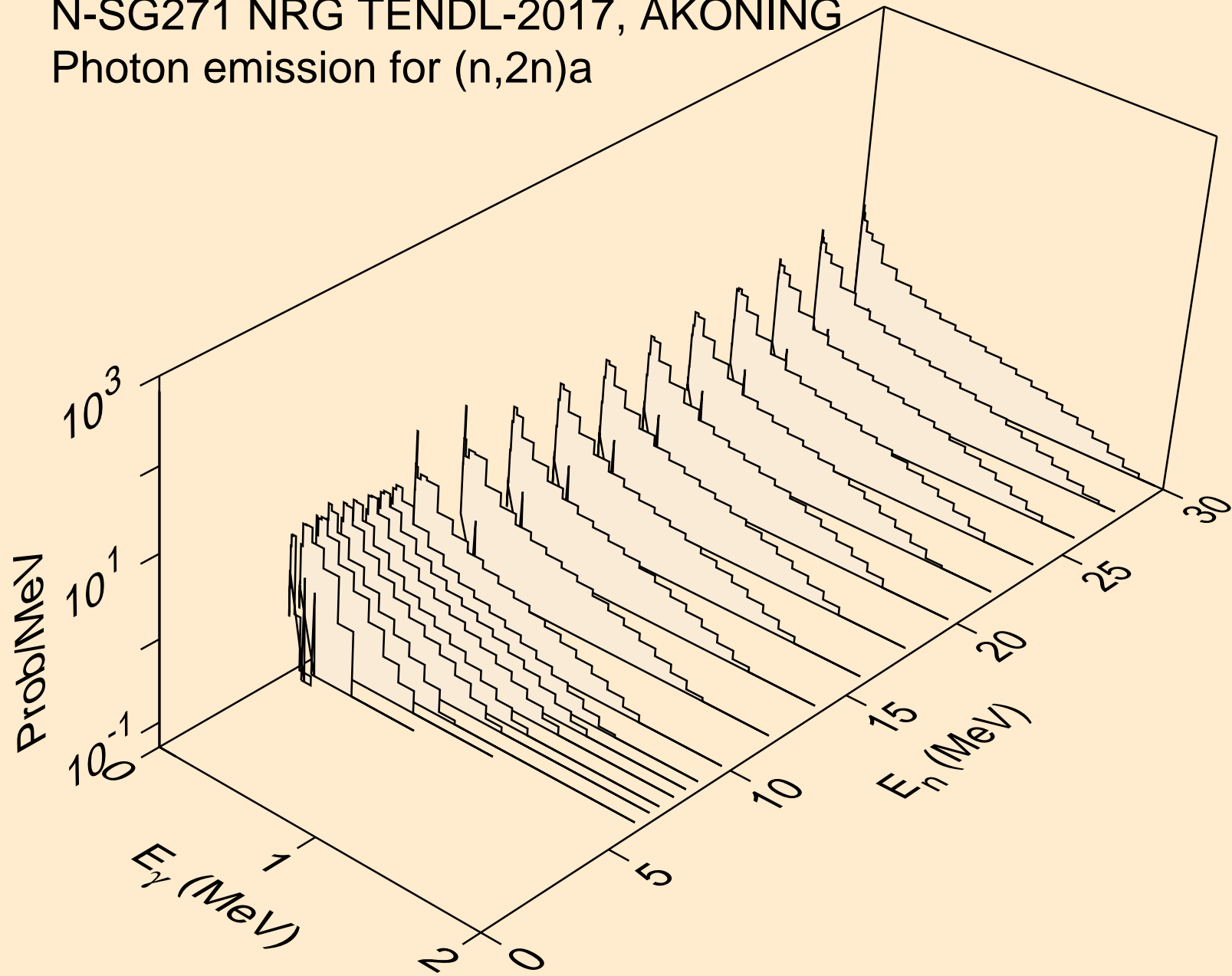
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)



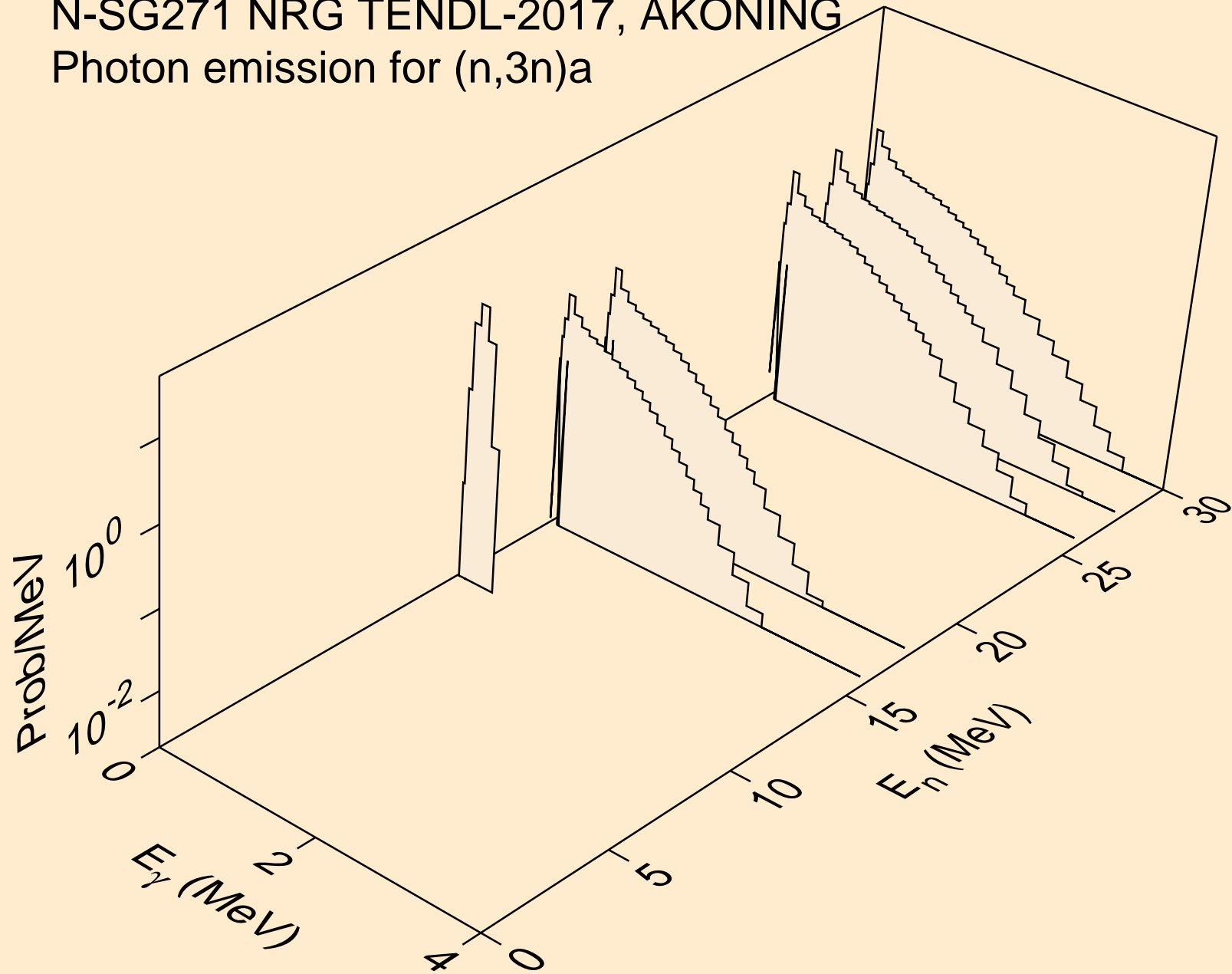
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a



N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)a

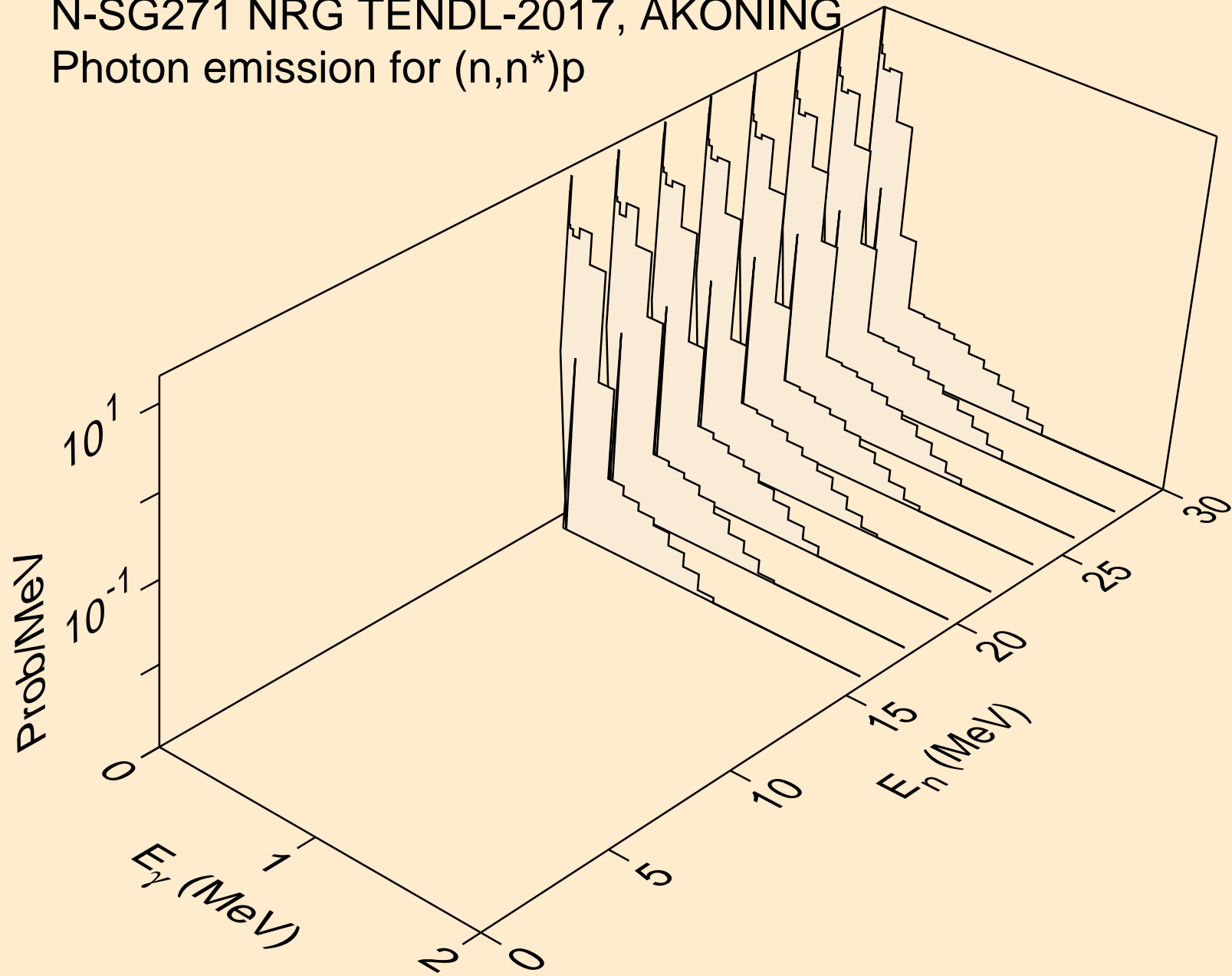


N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)a

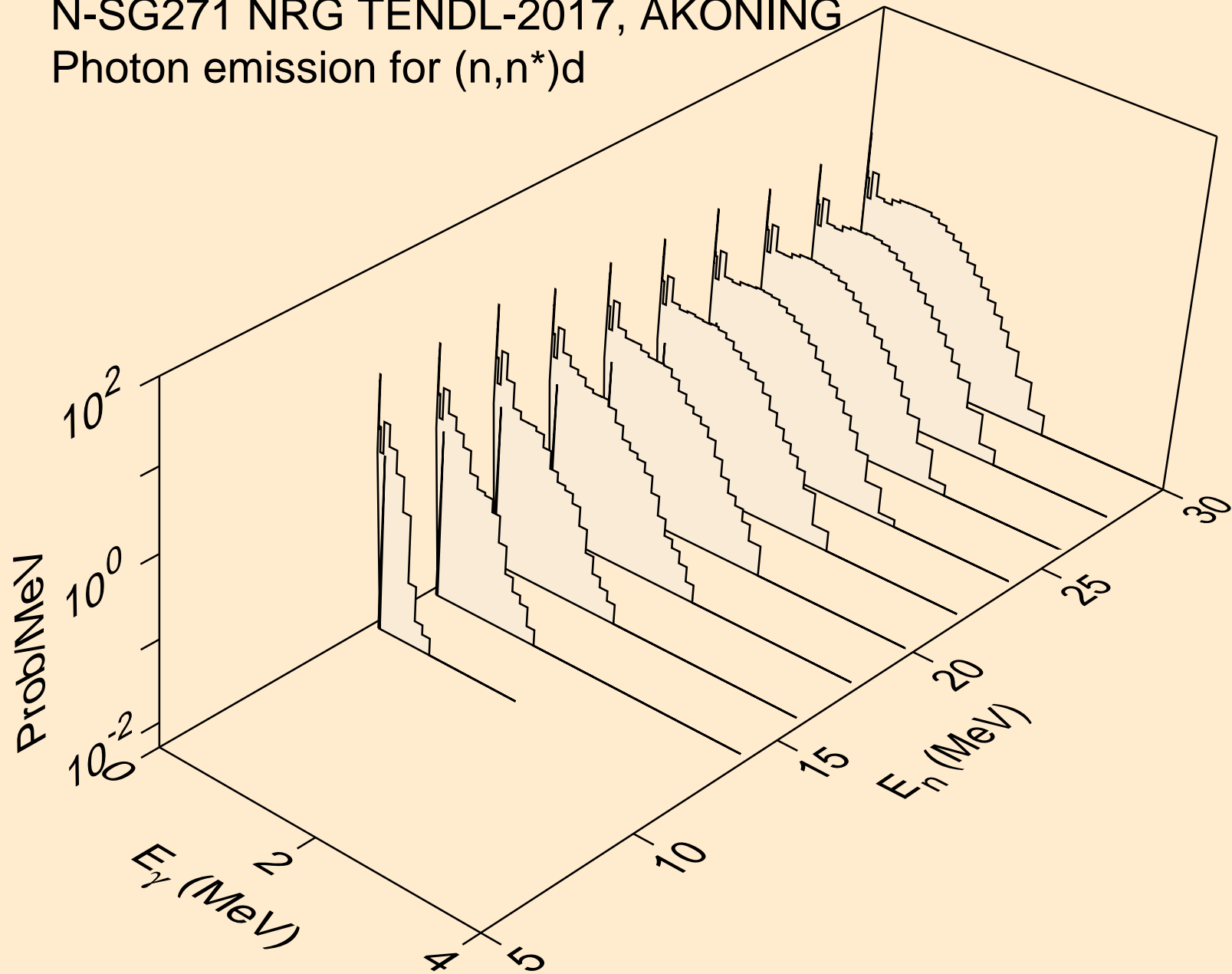




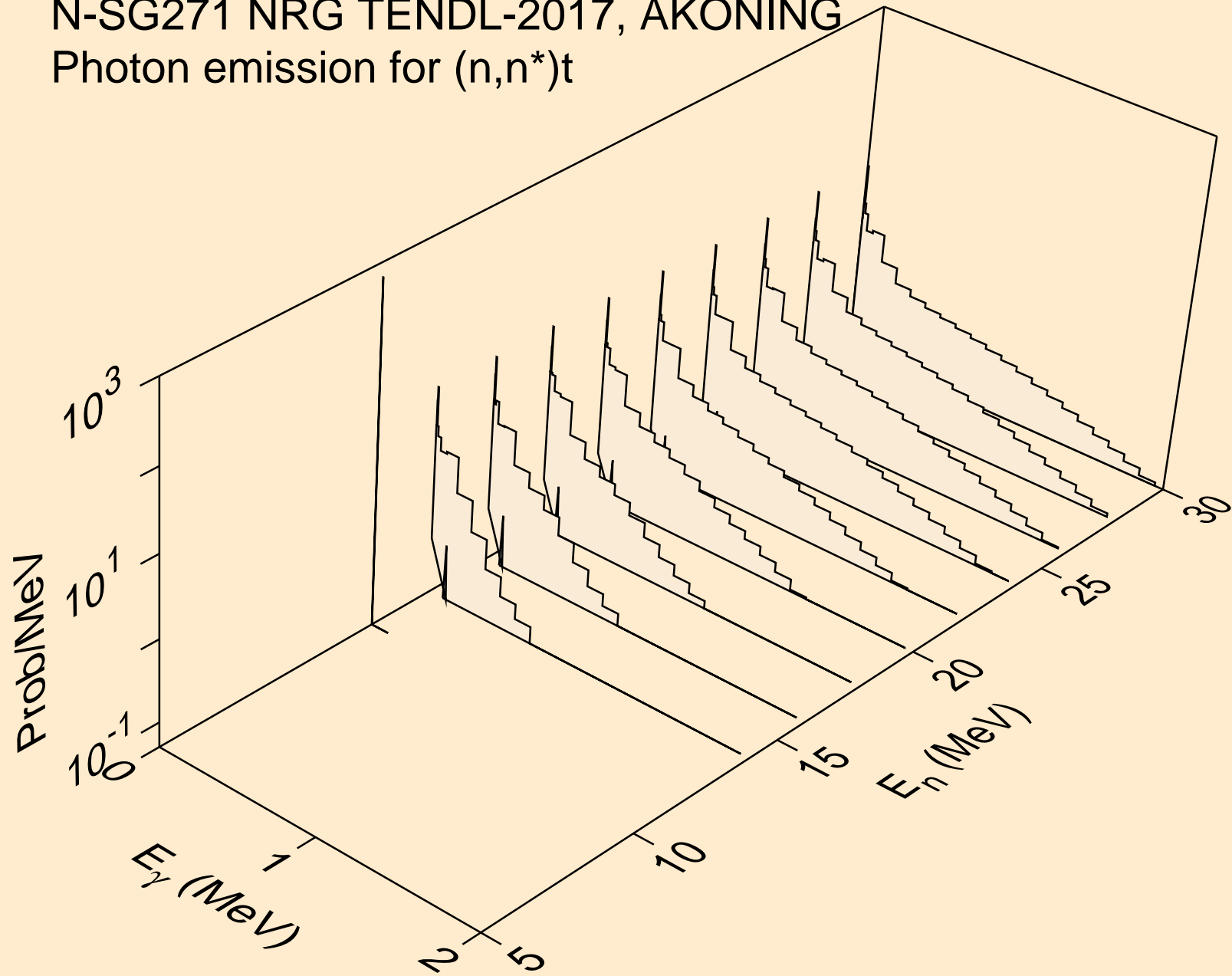
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



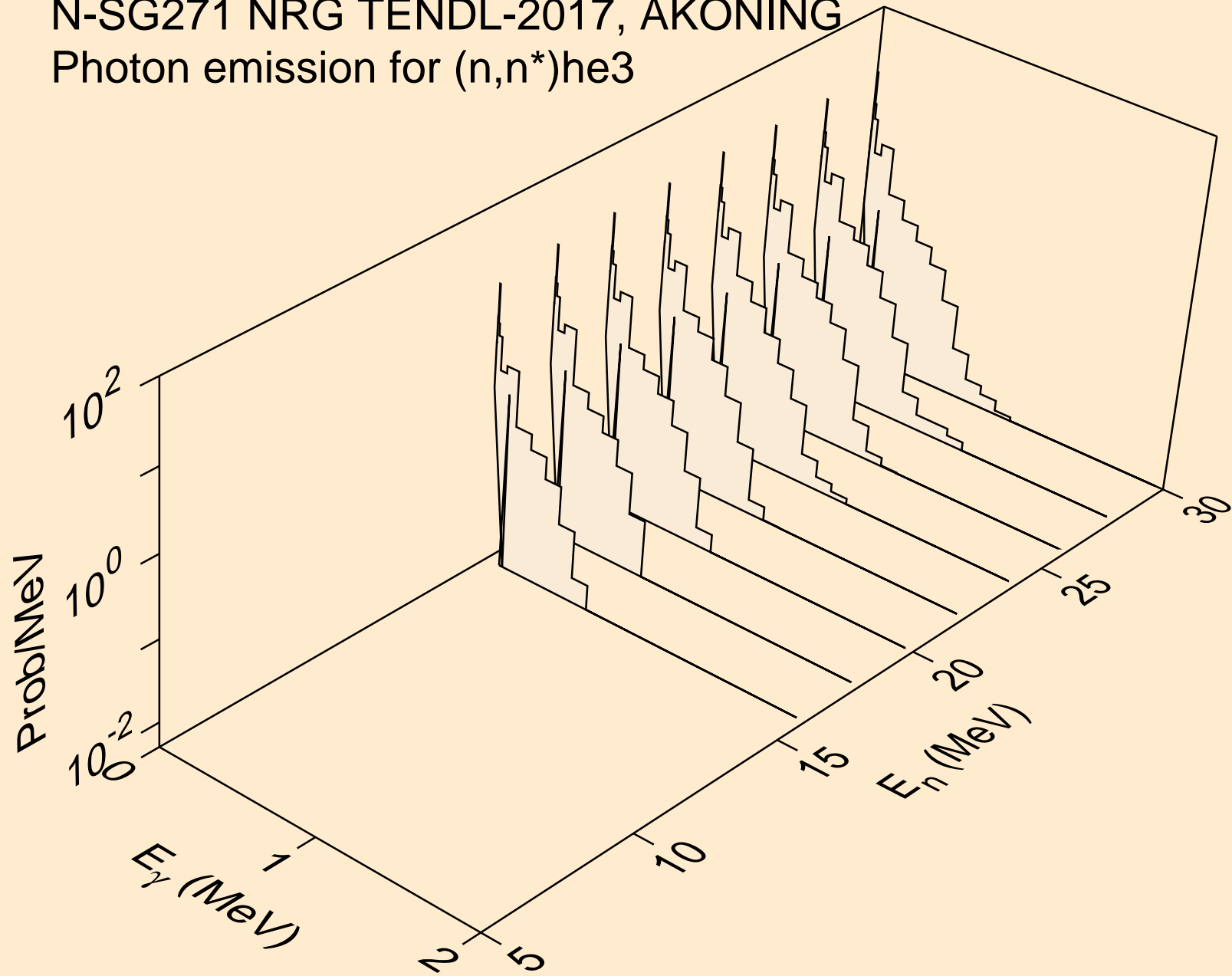
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d



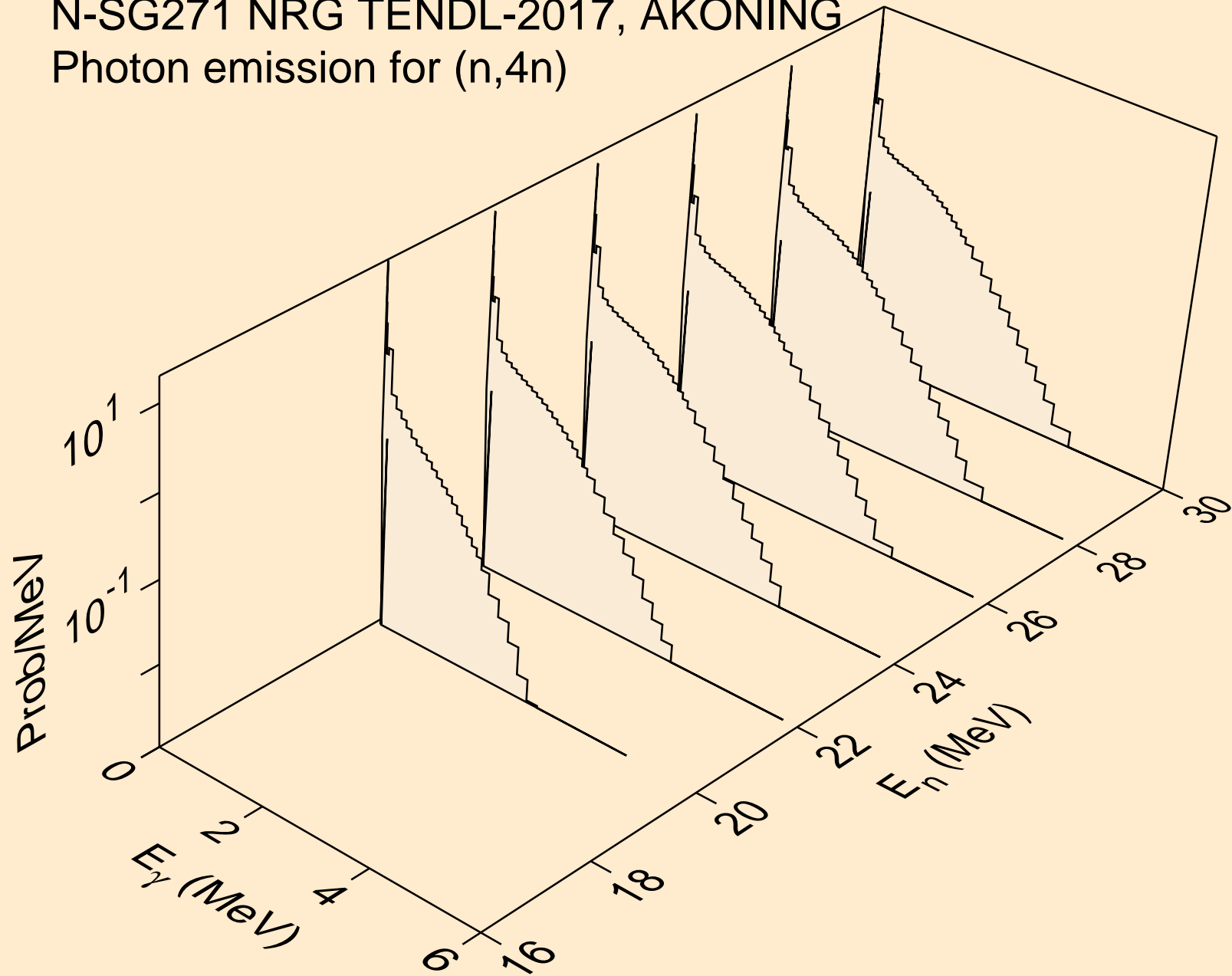
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t



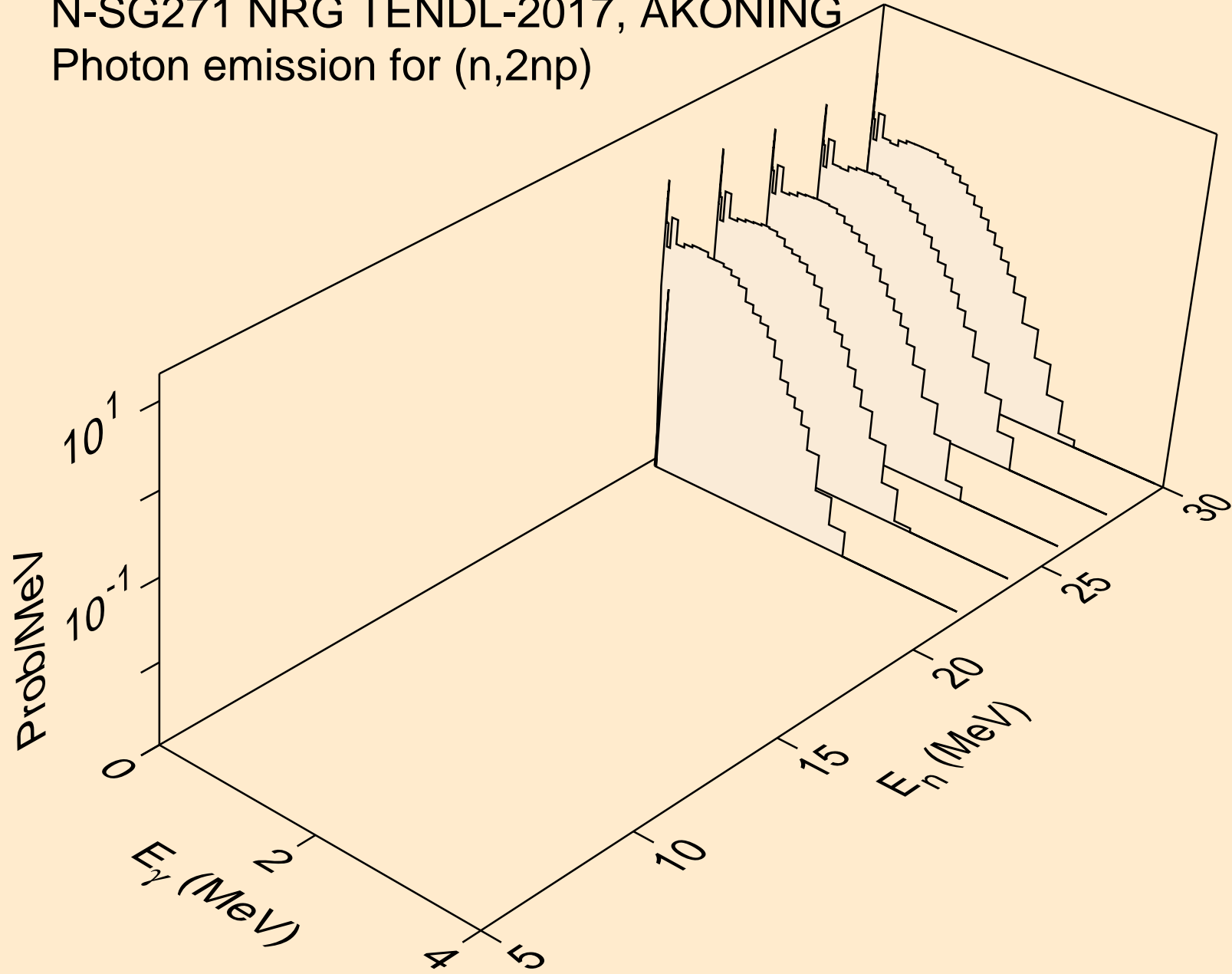
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)he3



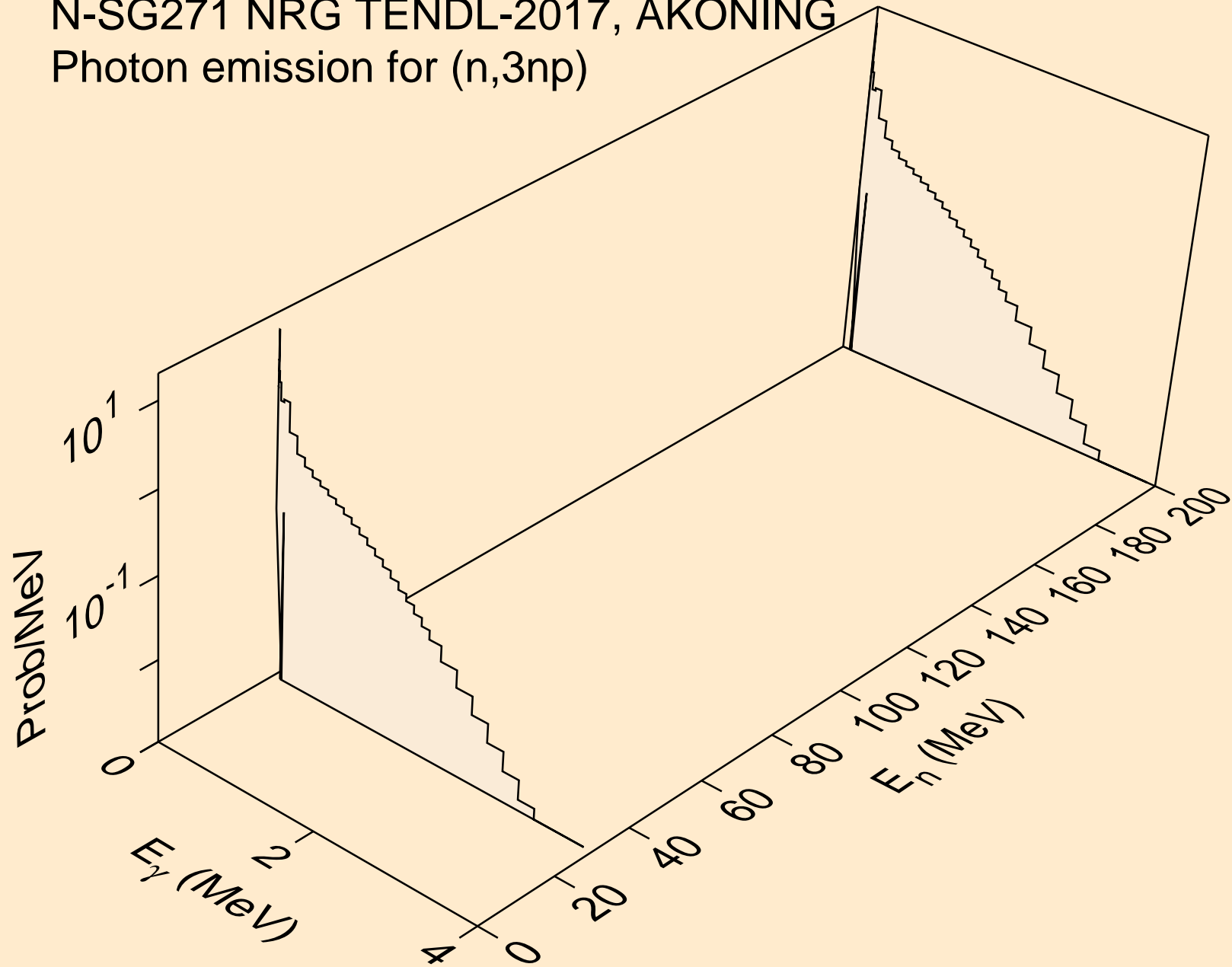
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,4n)



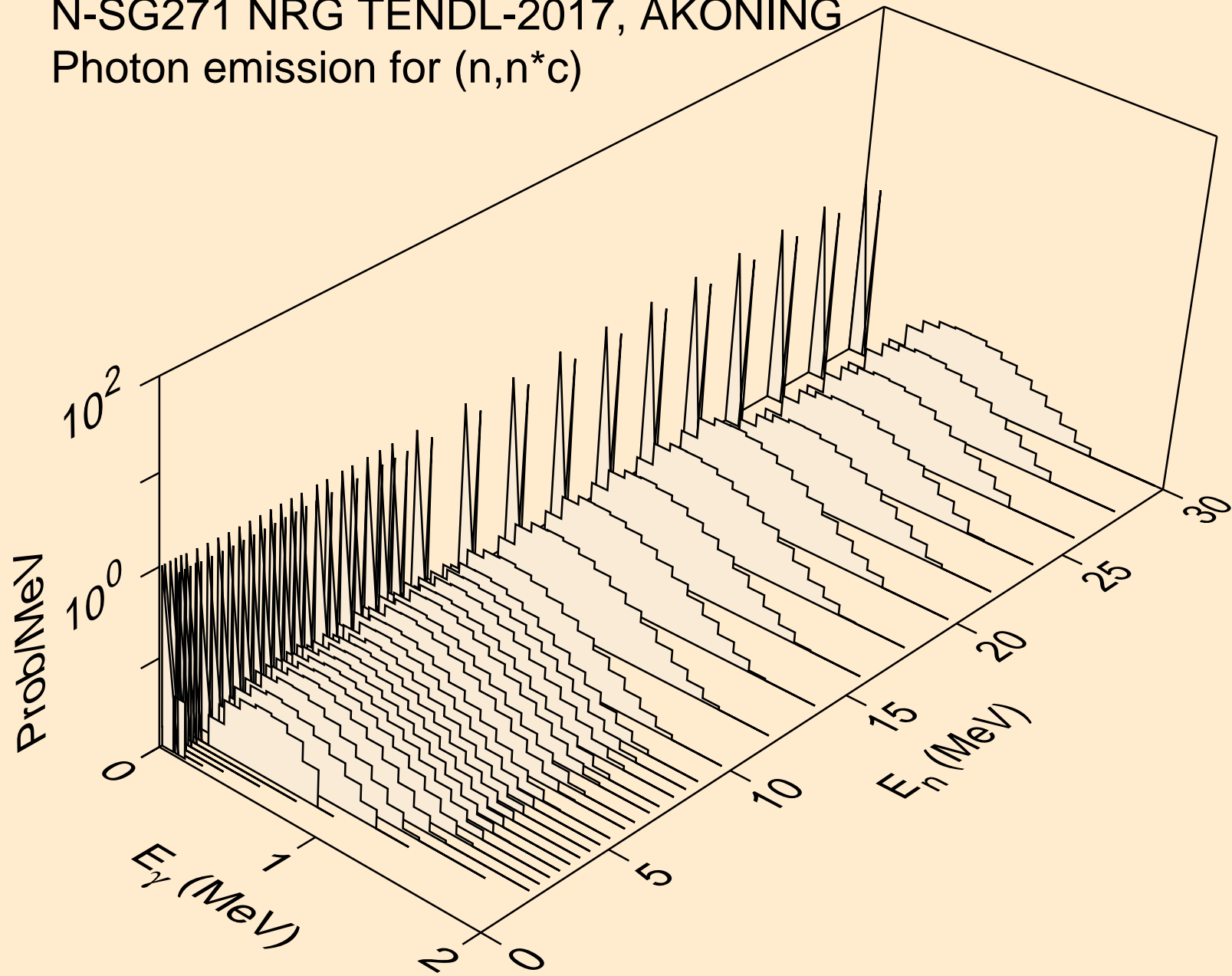
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,2np)



N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,3np)

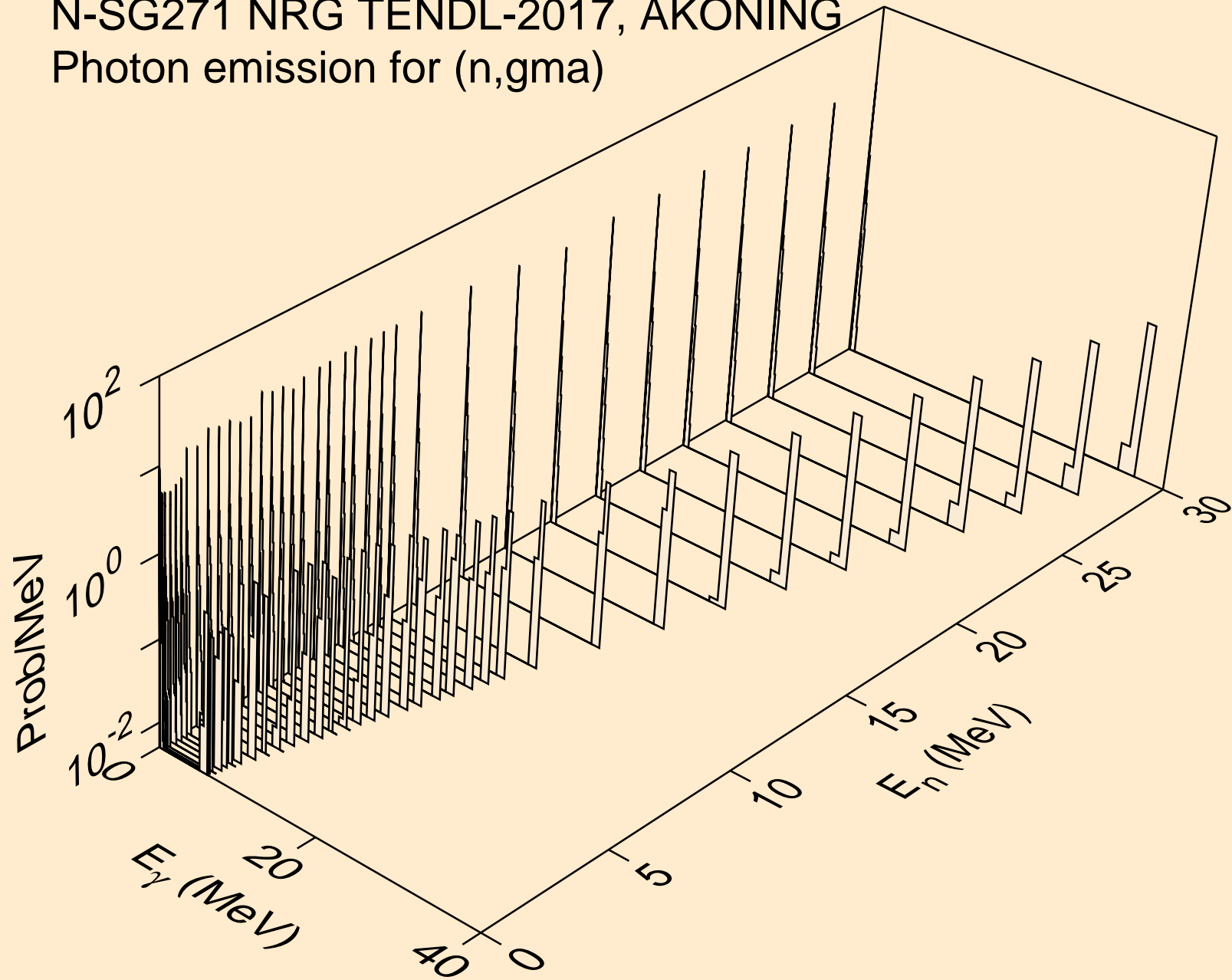


N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*c)

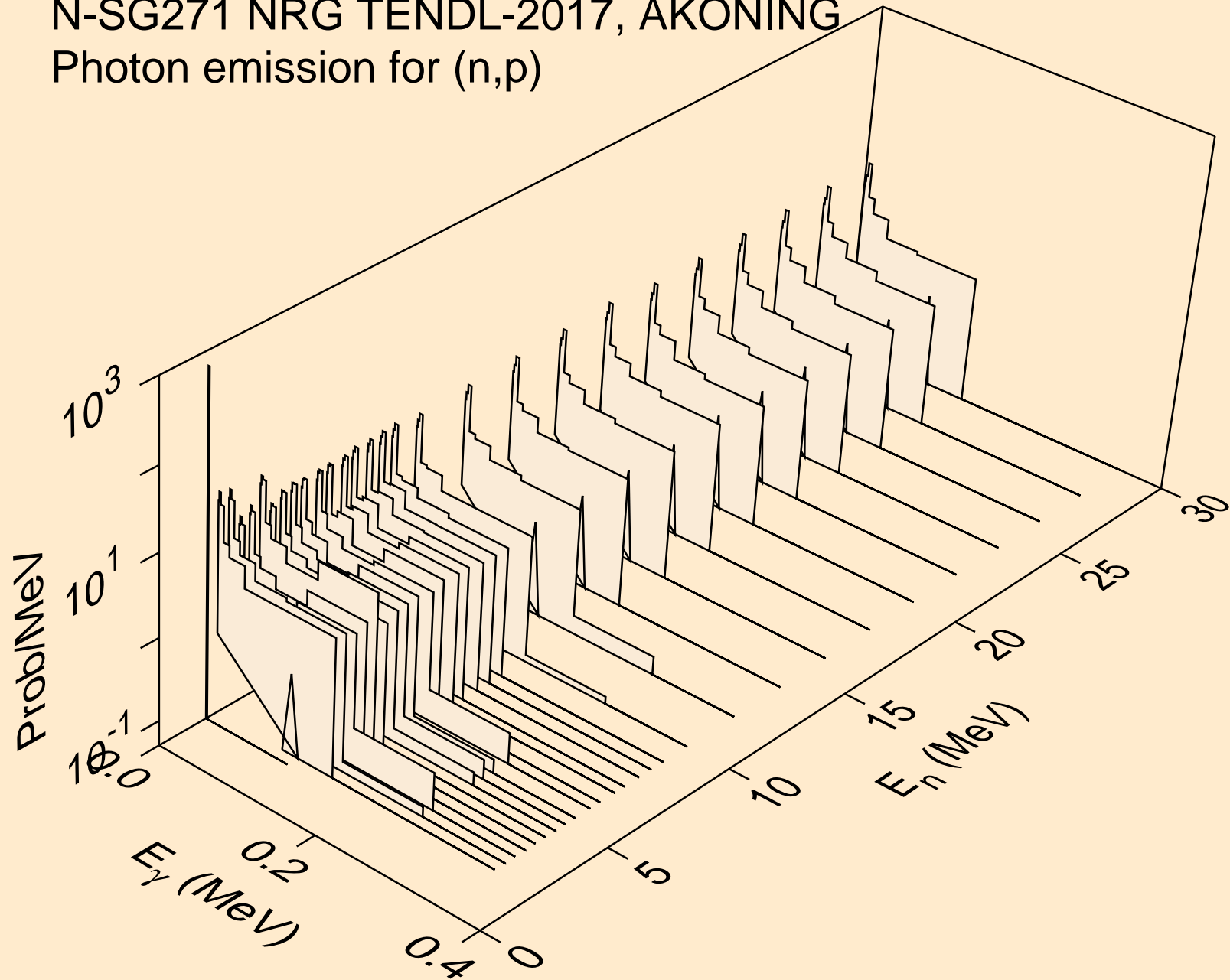




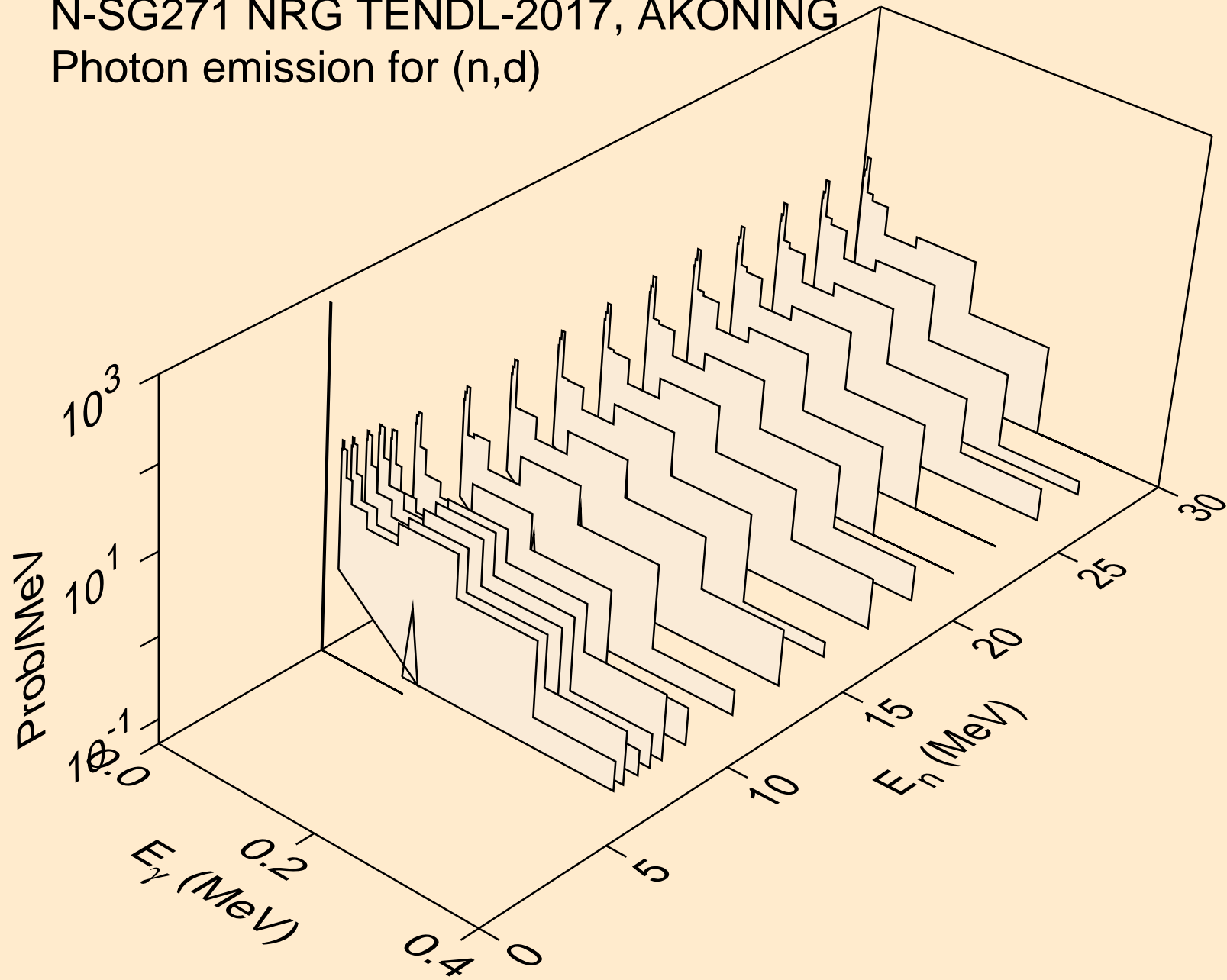
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,gma)



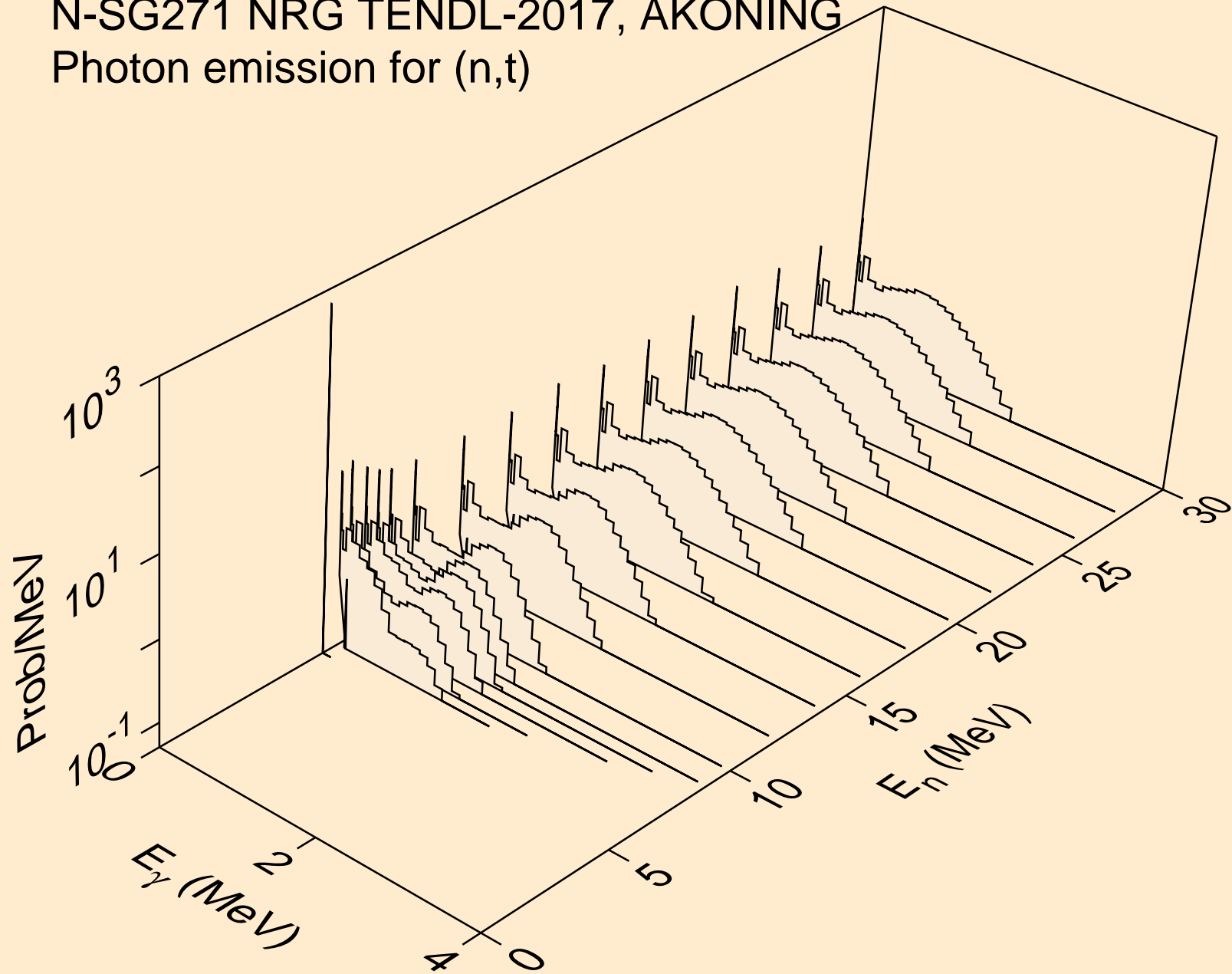
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,p)



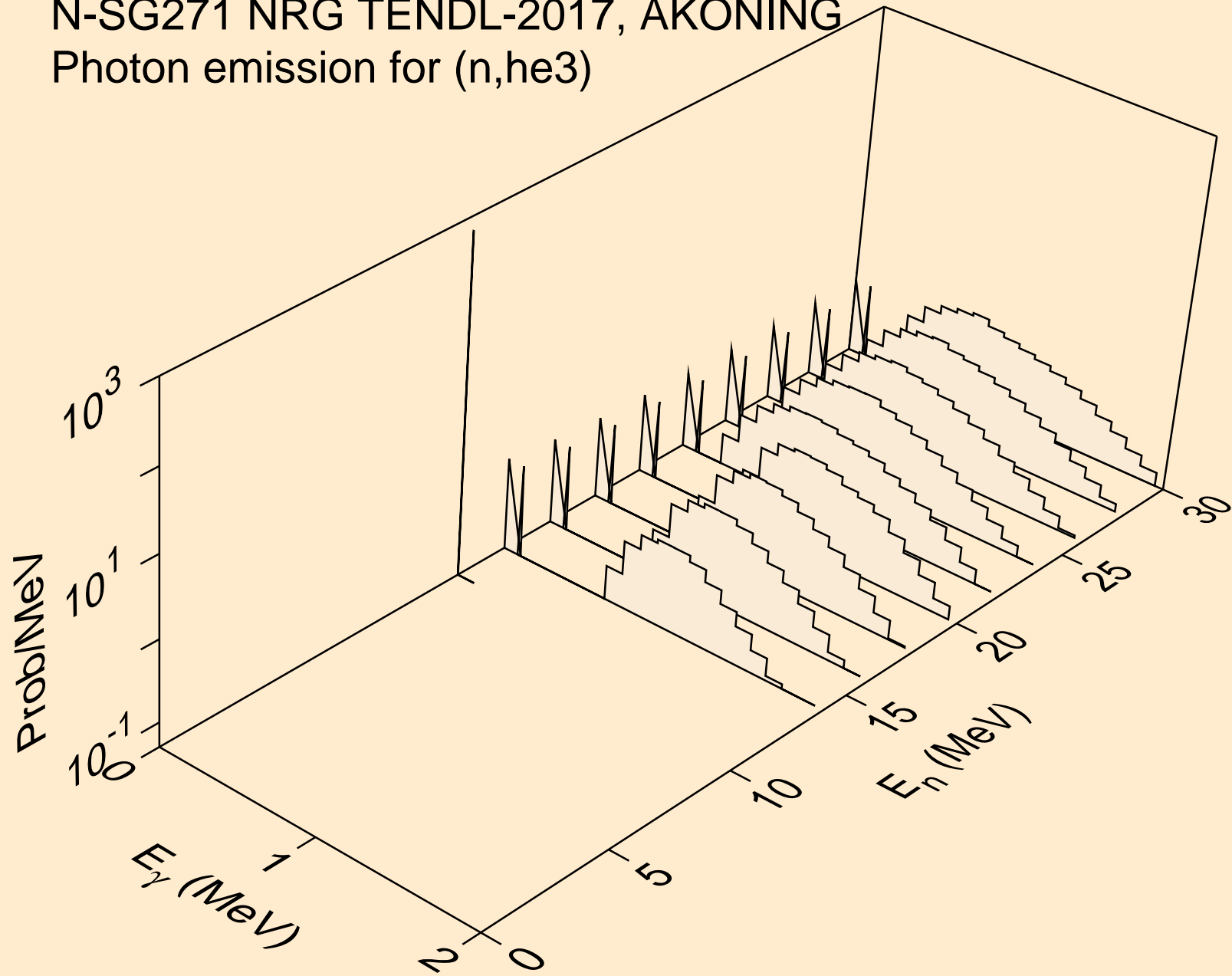
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,d)



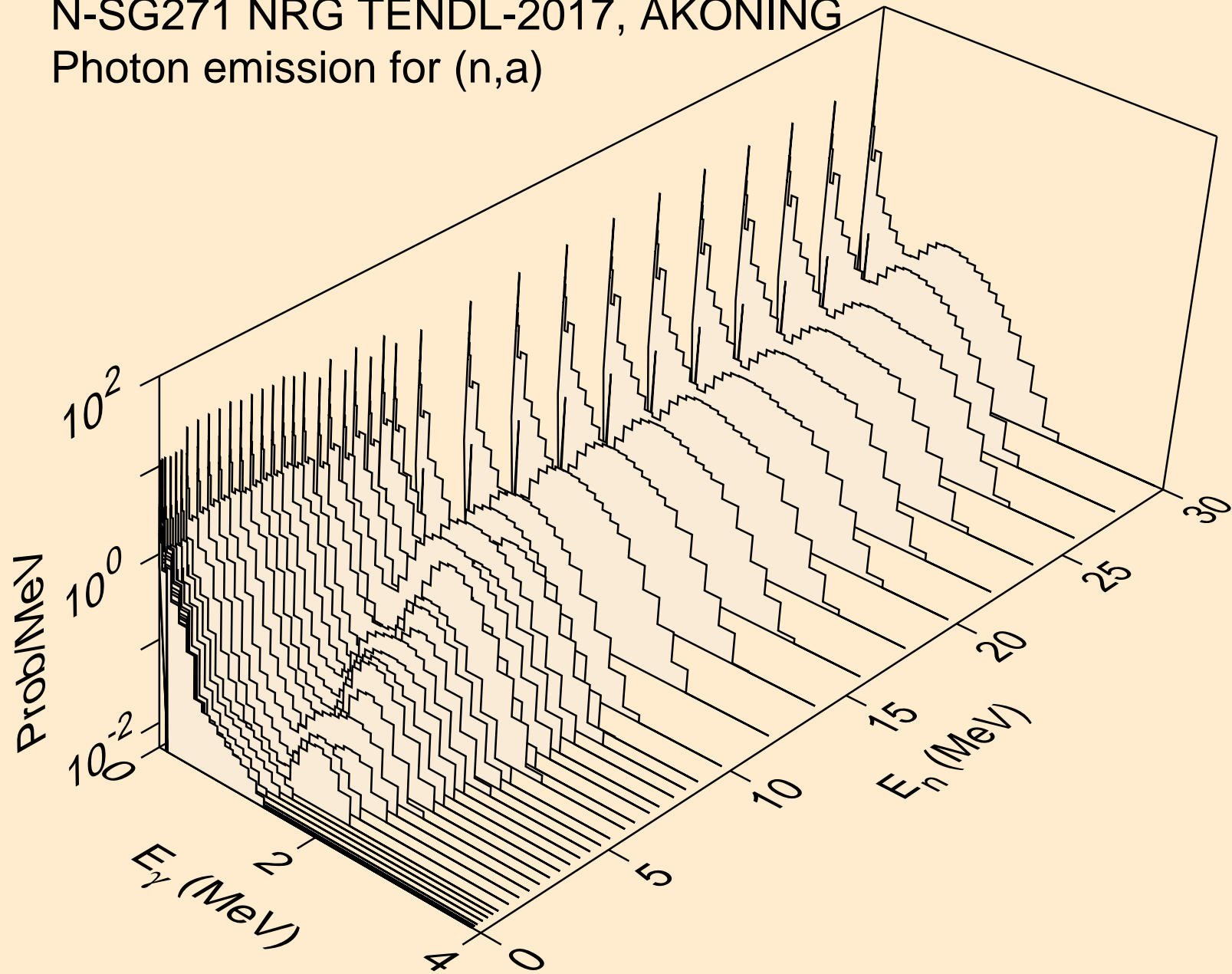
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,t)



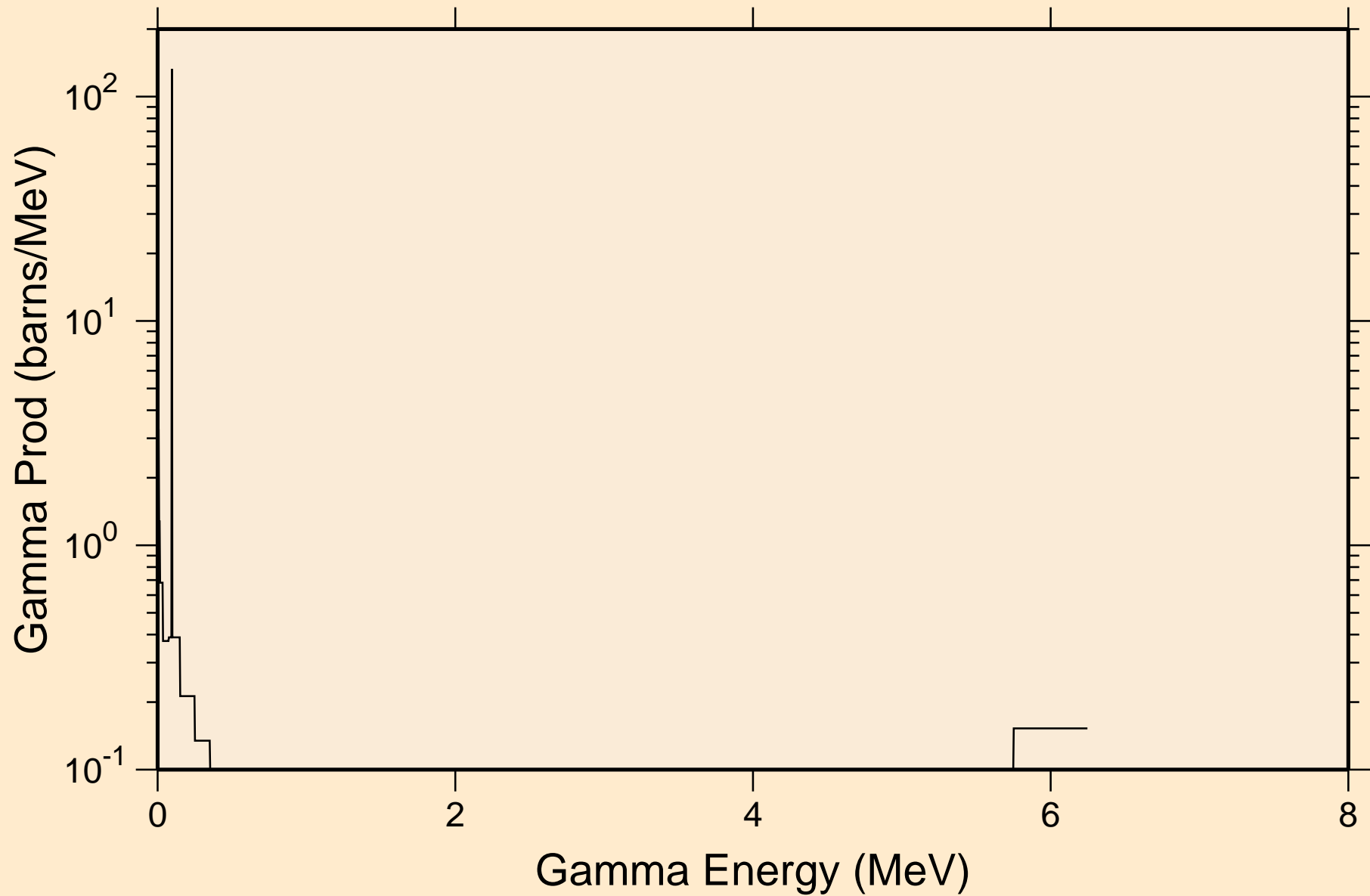
N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,he3)



N-SG271 NRG TENDL-2017, AKONING  
Photon emission for (n,a)

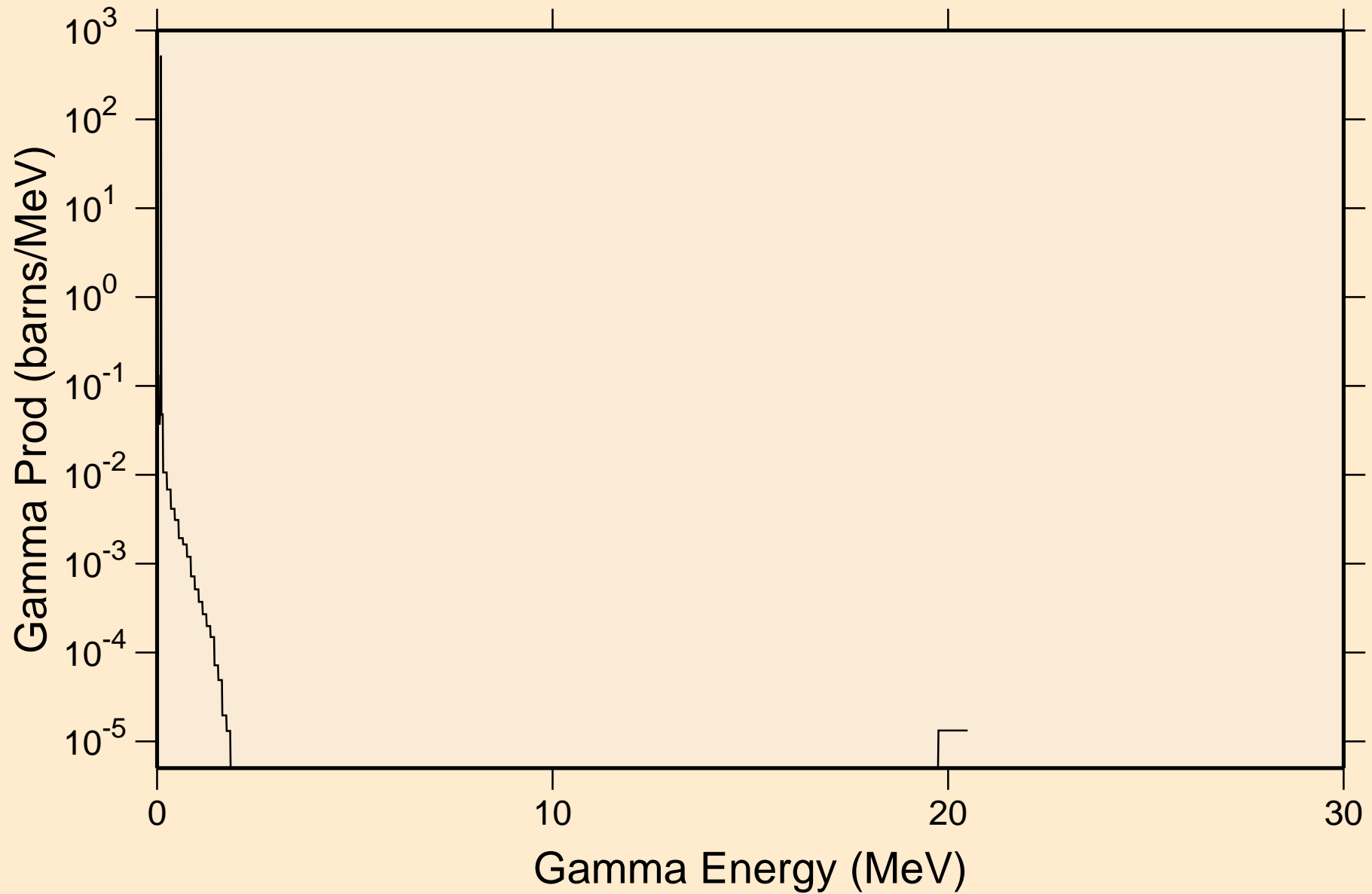


N-SG271 NRG TENDL-2017, AKONING  
thermal capture photon spectrum



# N-SG271 NRG TENDL-2017, AKONING

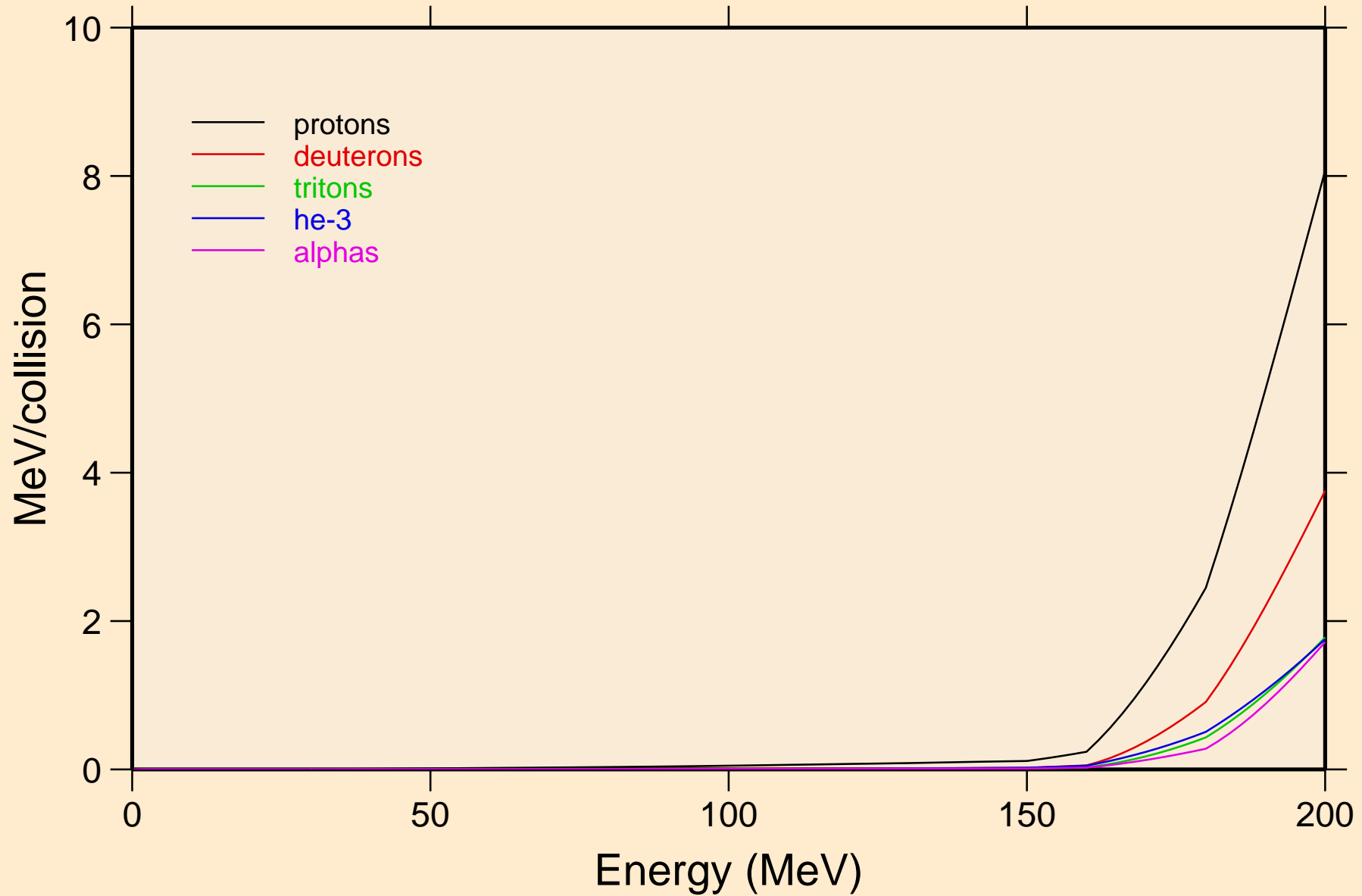
## 14 MeV photon spectrum





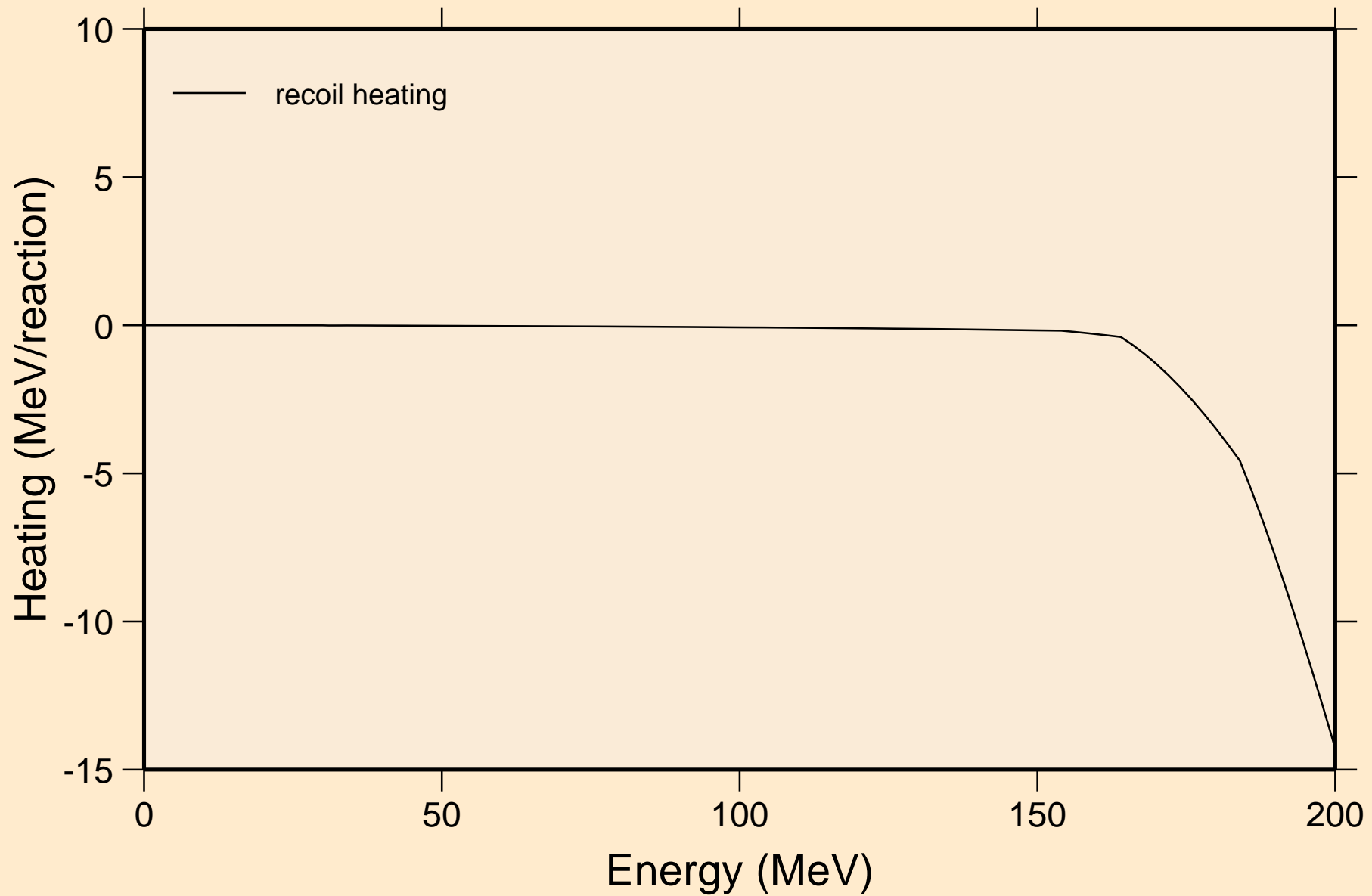
# N-SG271 NRG TENDL-2017, AKONING

## Particle heating contributions



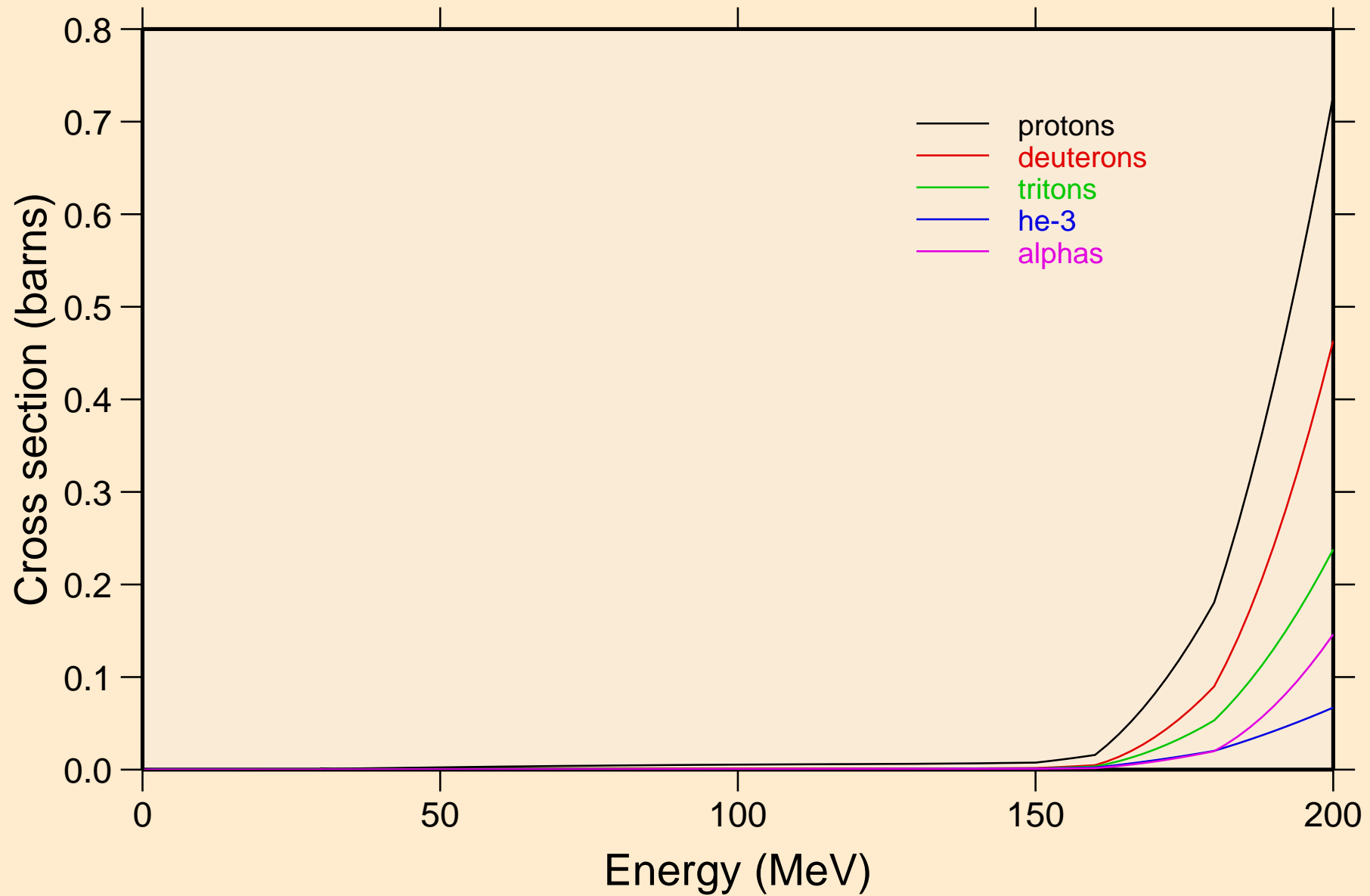
# N-SG271 NRG TENDL-2017, AKONING

## Recoil Heating

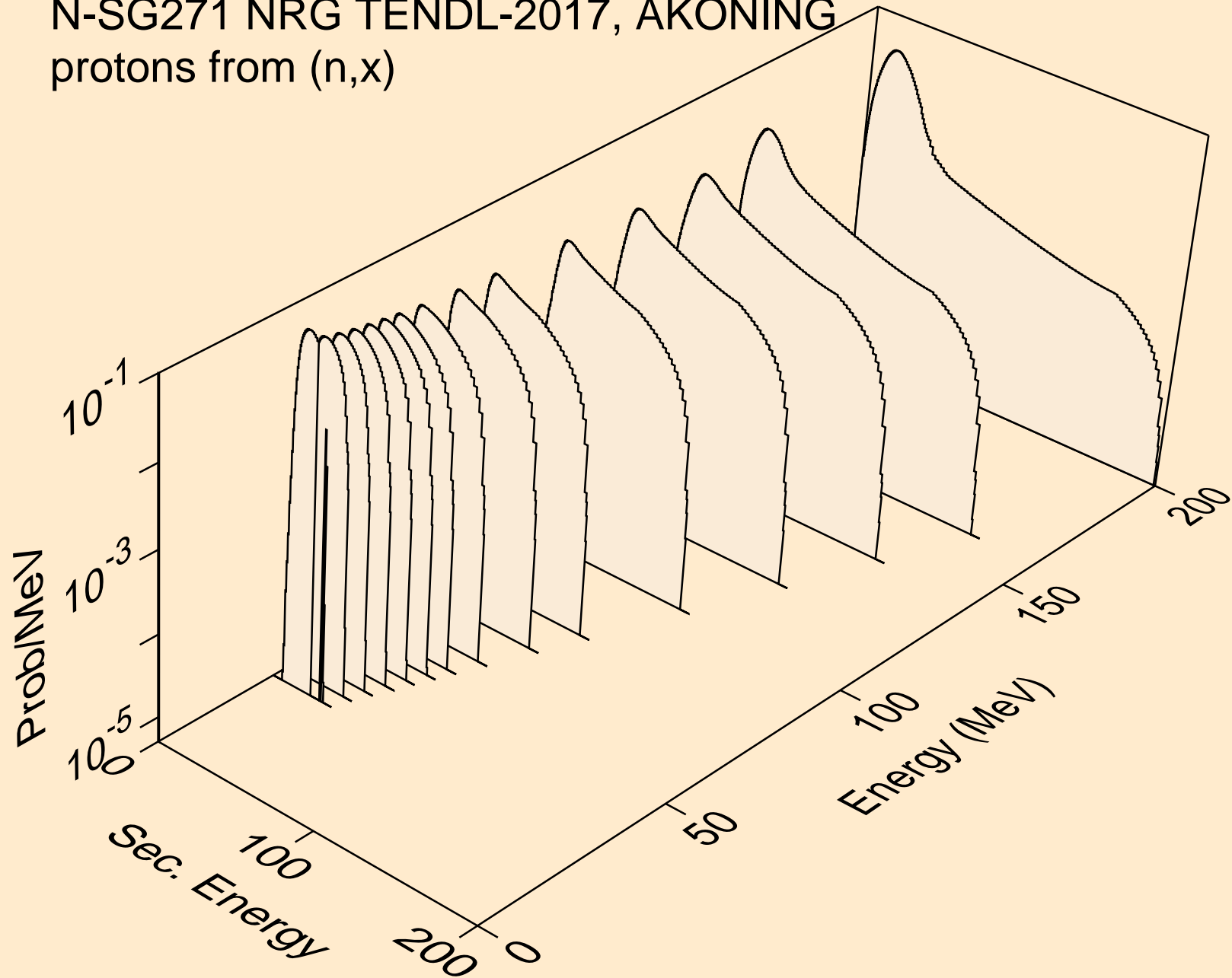


# N-SG271 NRG TENDL-2017, AKONING

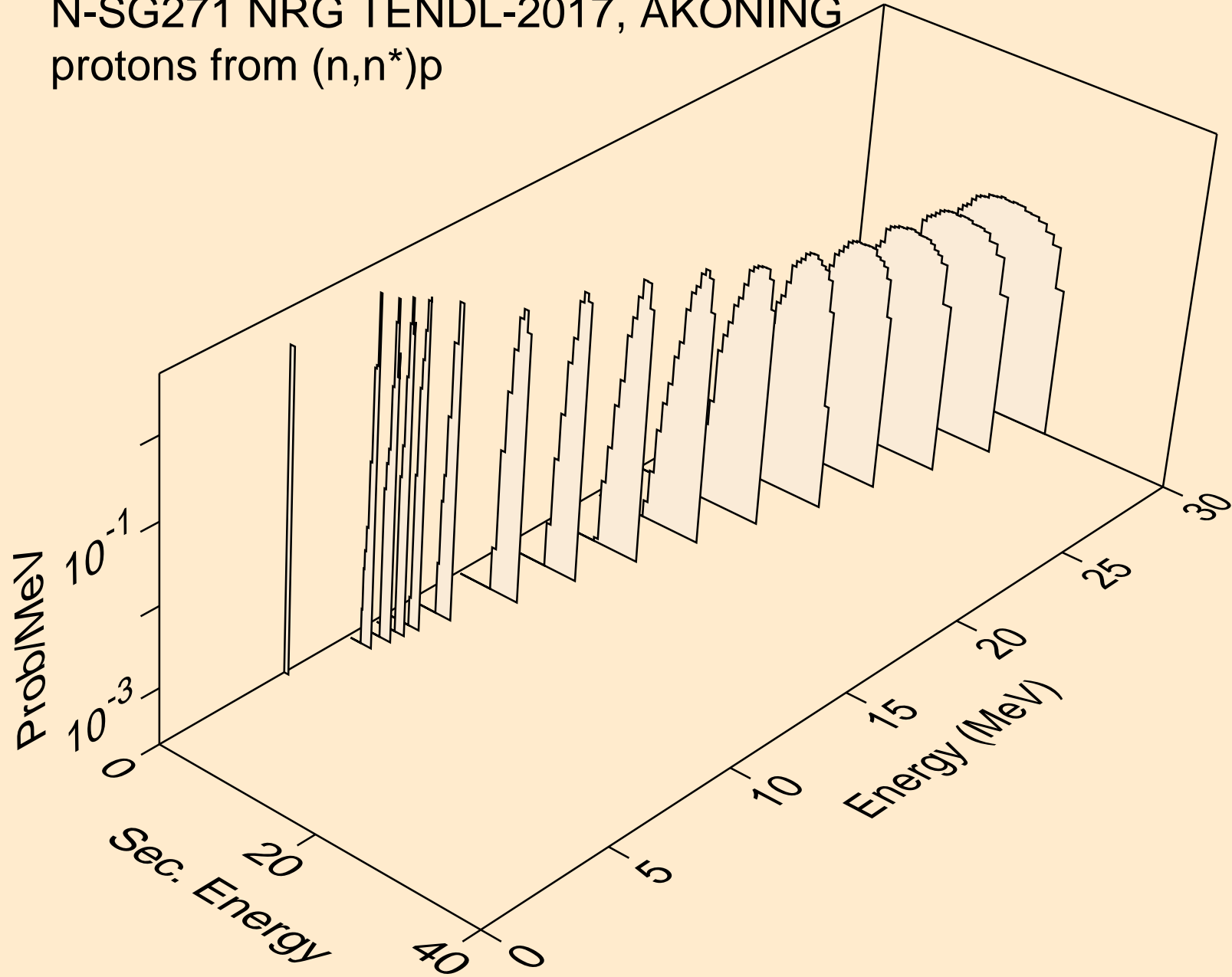
## Particle production cross sections



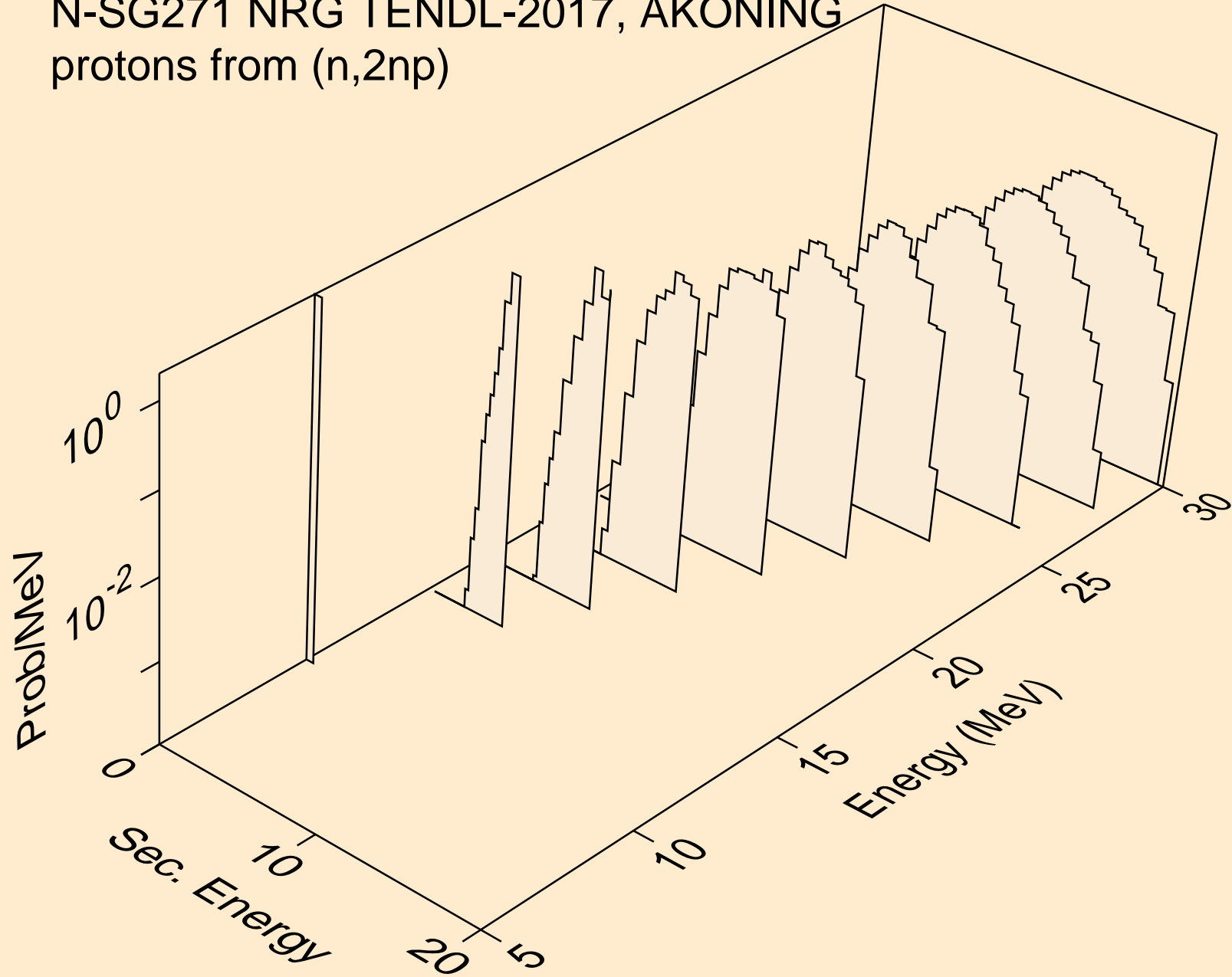
N-SG271 NRG TENDL-2017, AKONING  
protons from (n,x)



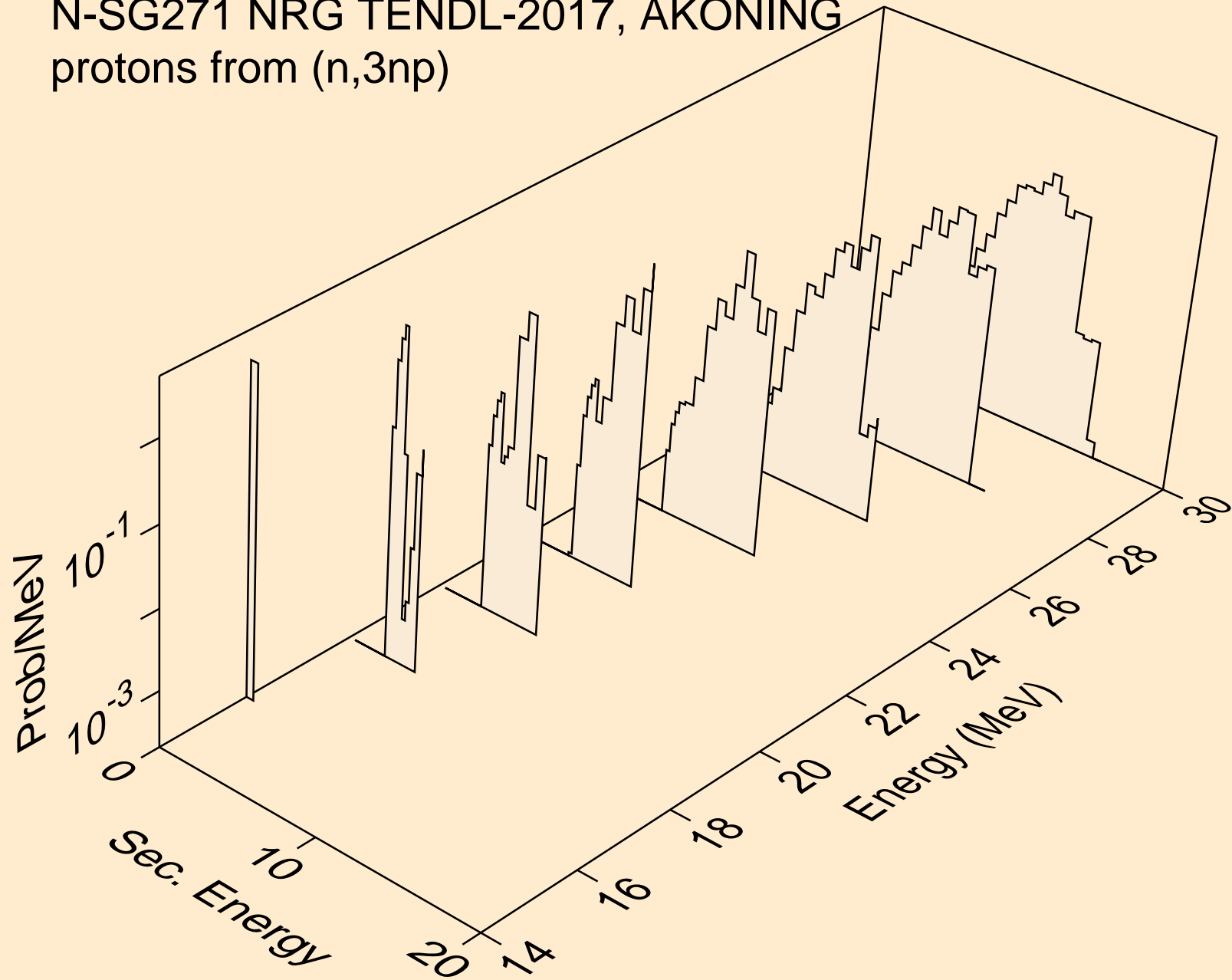
N-SG271 NRG TENDL-2017, AKONING  
protons from (n,n\*)p



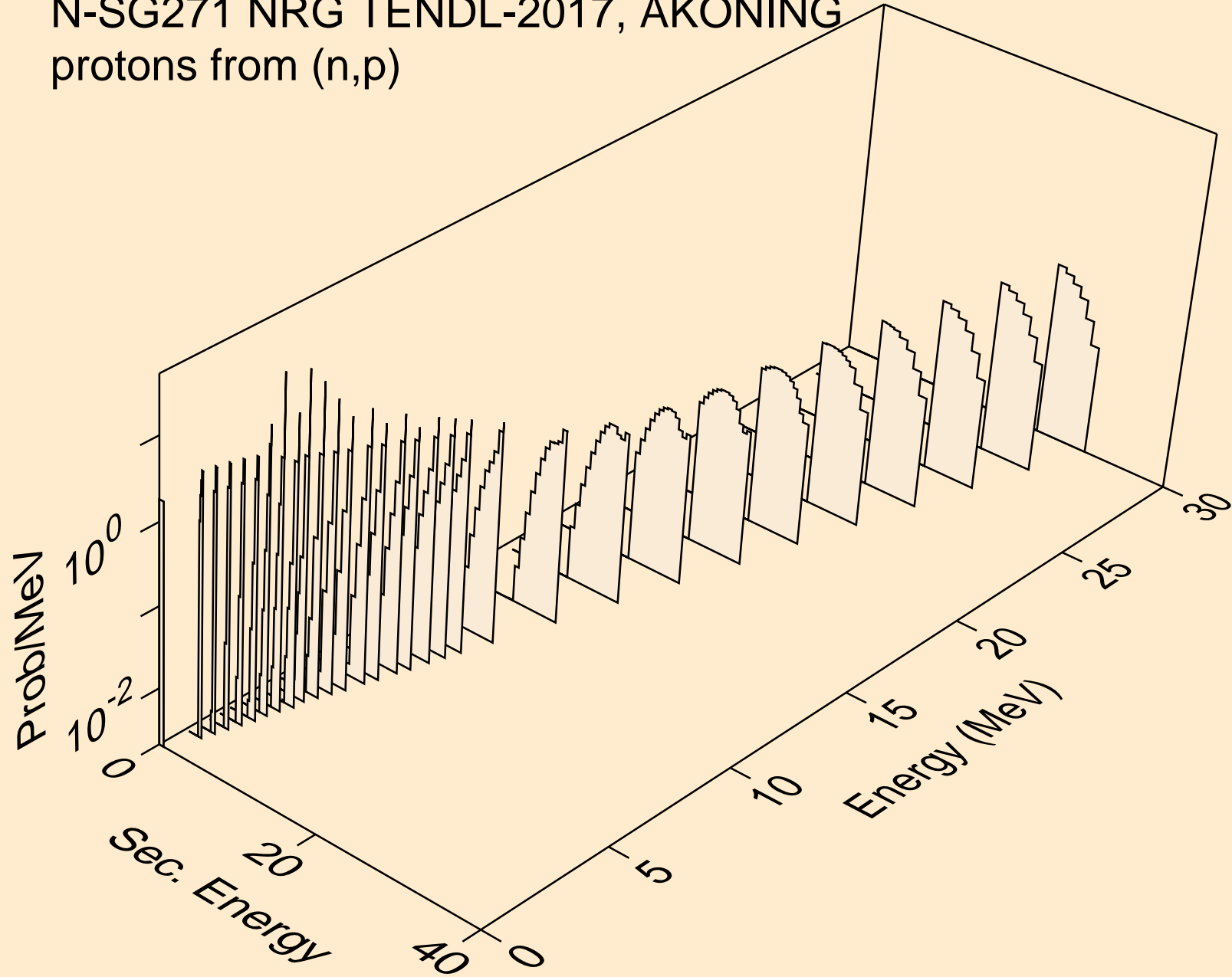
N-SG271 NRG TENDL-2017, AKONING  
protons from (n,2np)



N-SG271 NRG TENDL-2017, AKONING  
protons from (n,3np)

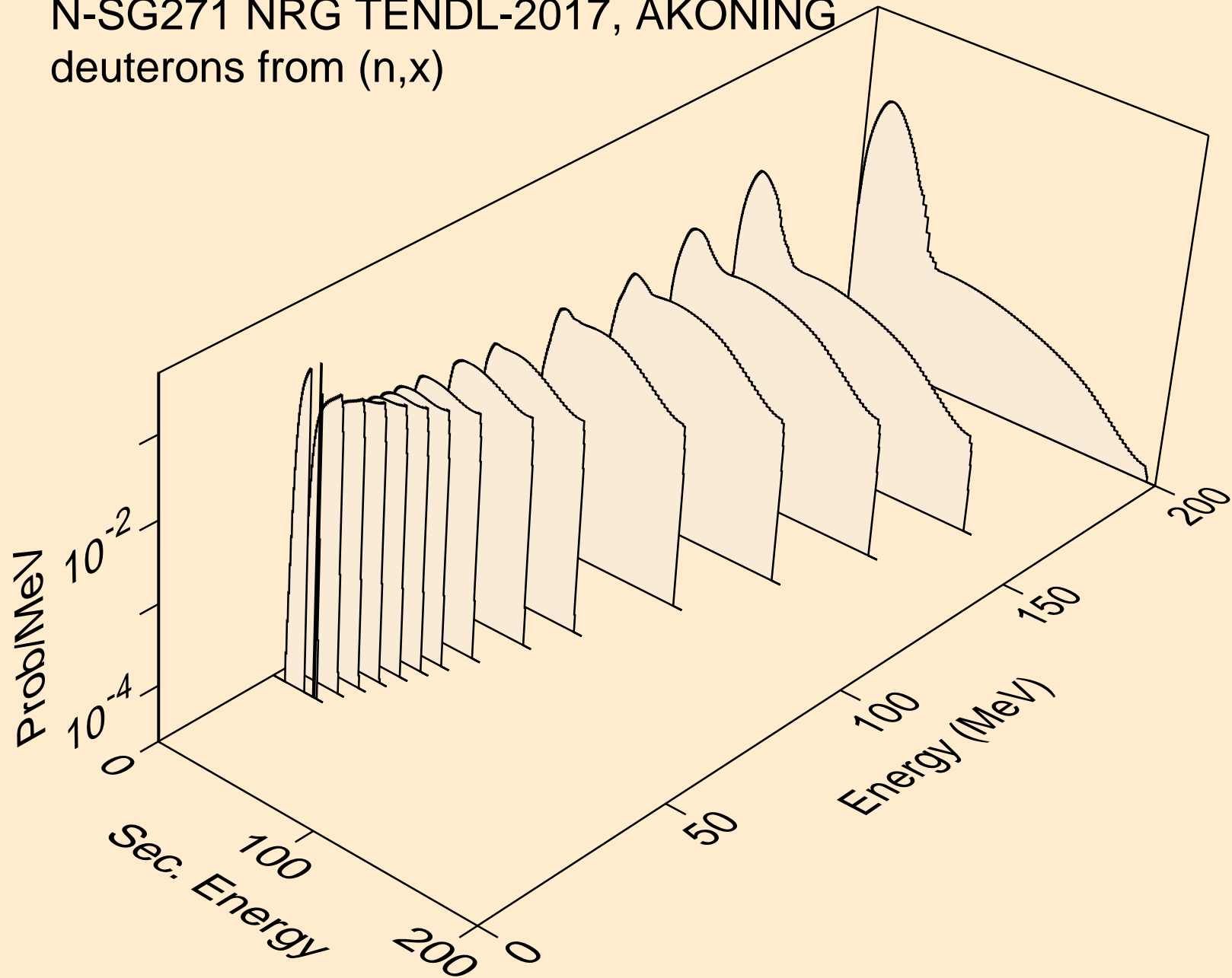


N-SG271 NRG TENDL-2017, AKONING  
protons from (n,p)

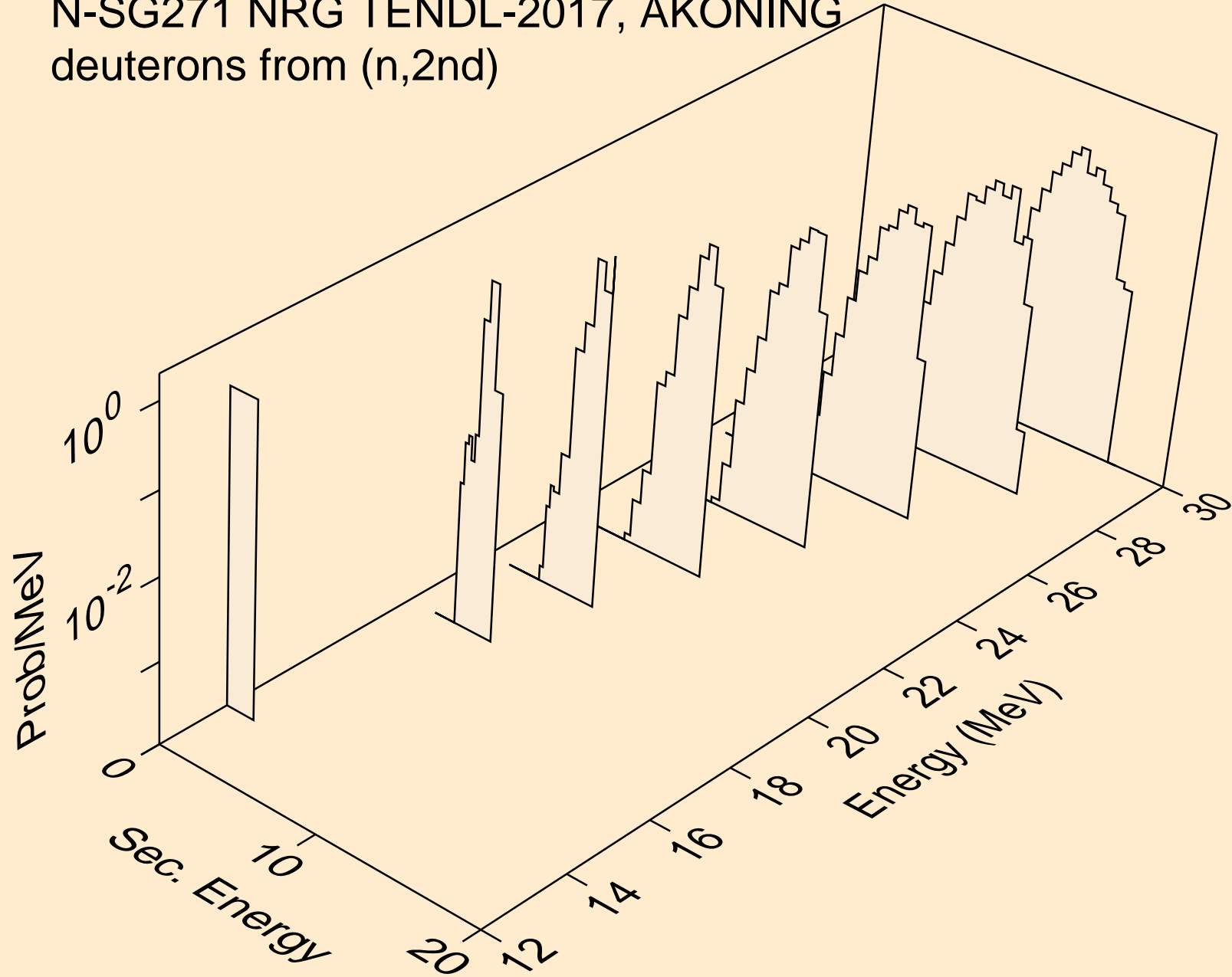




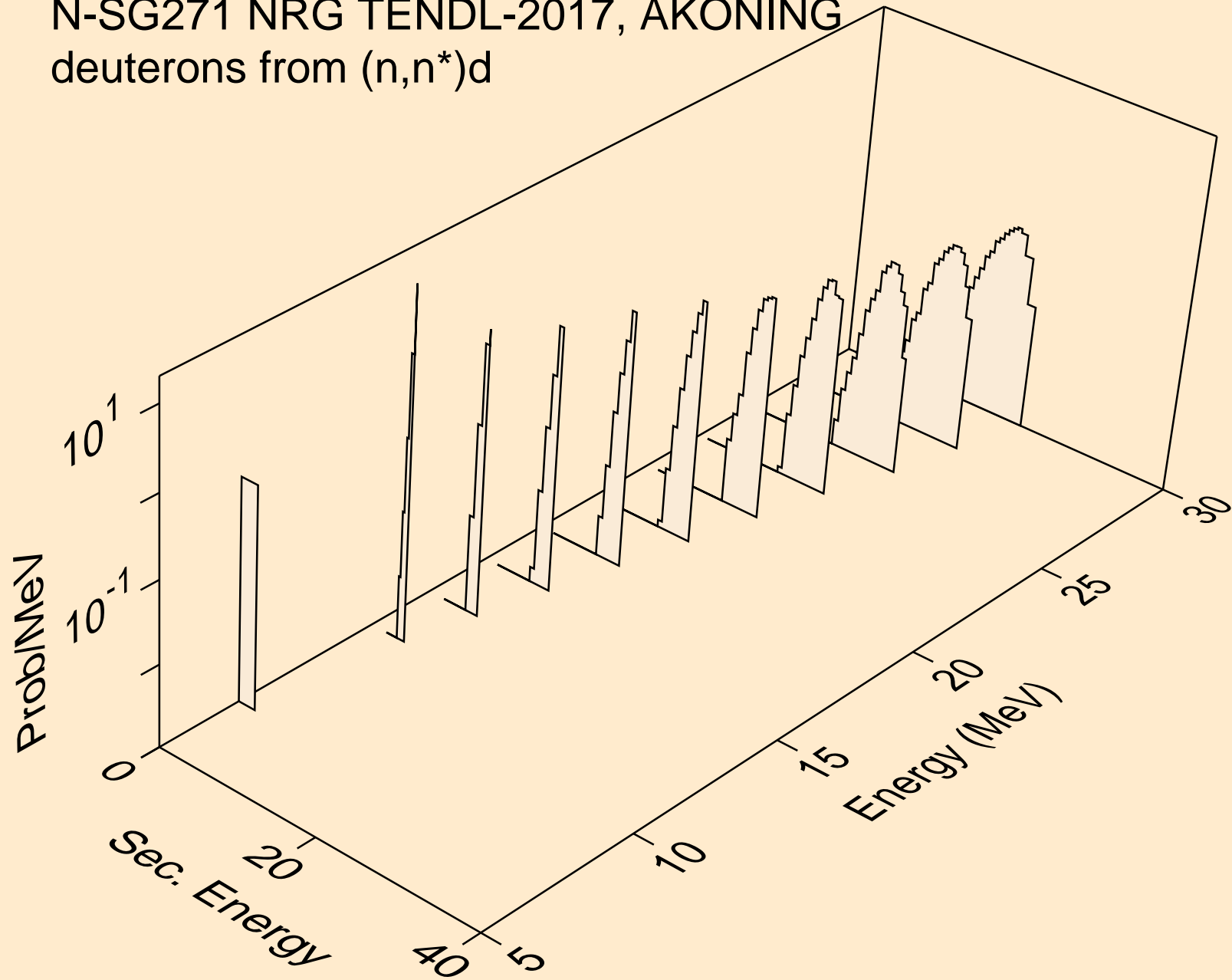
N-SG271 NRG TENDL-2017, AKONING  
deuterons from (n,x)



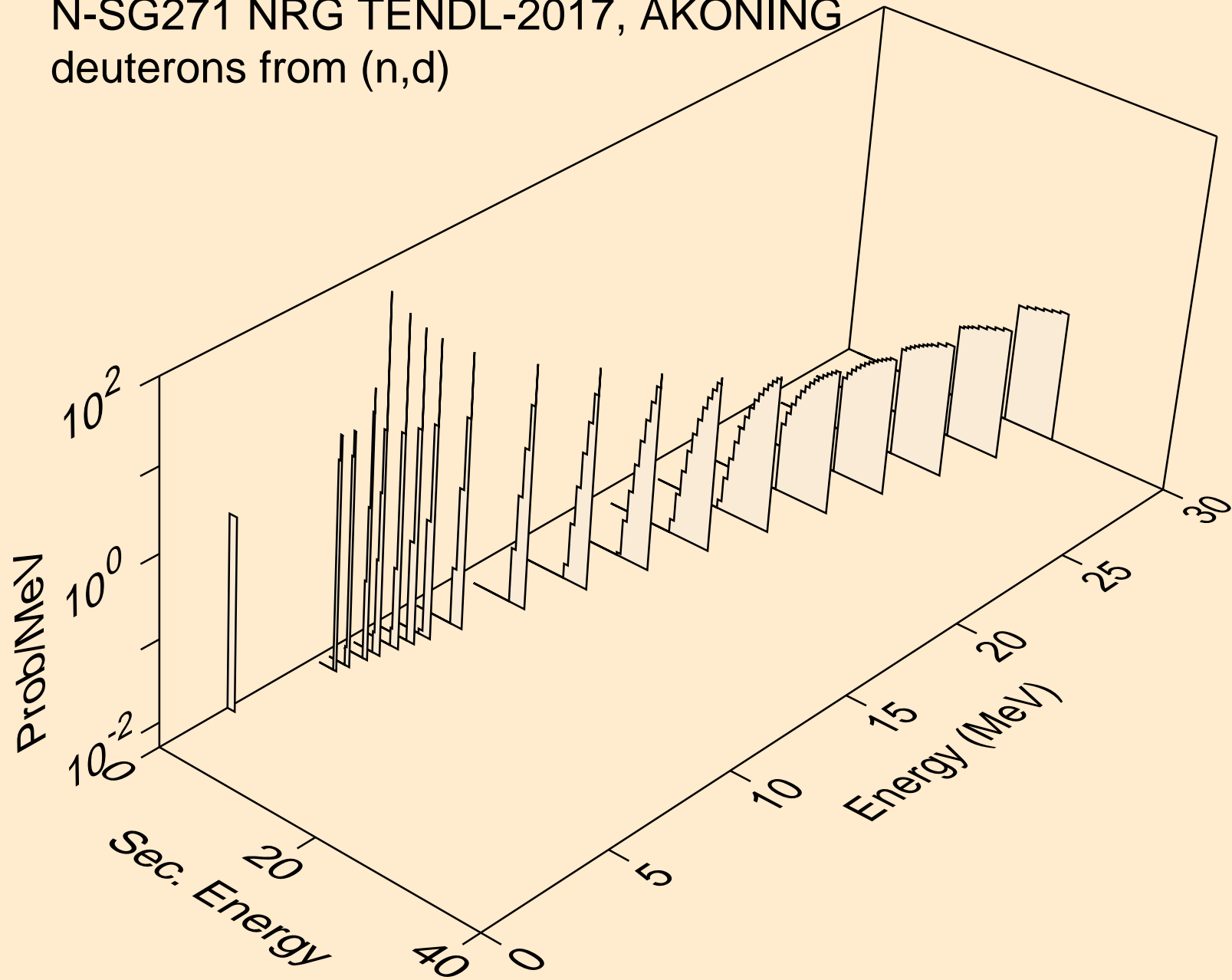
N-SG271 NRG TENDL-2017, AKONING  
deuterons from (n,2nd)



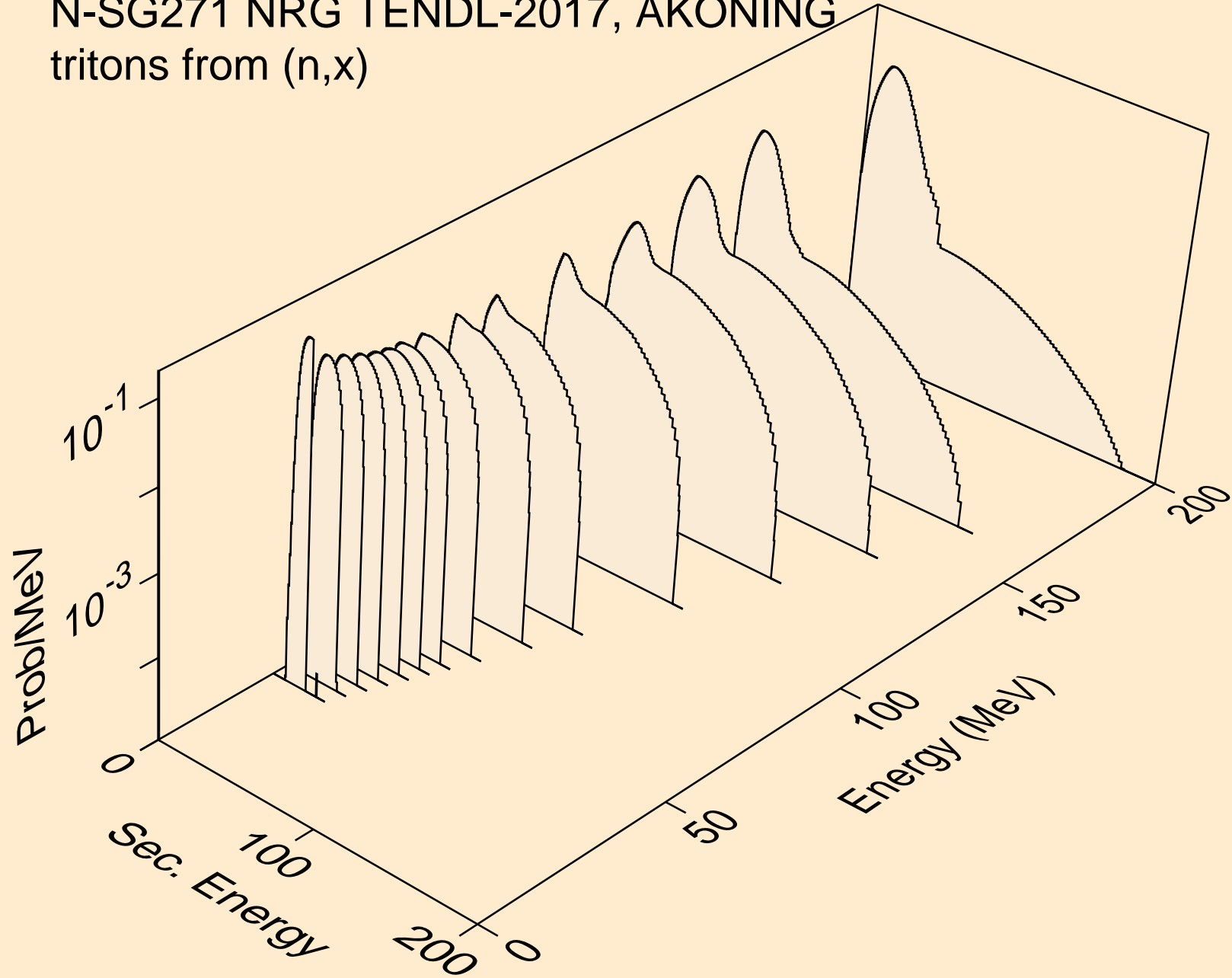
N-SG271 NRG TENDL-2017, AKONING  
deuterons from (n,n\*)d



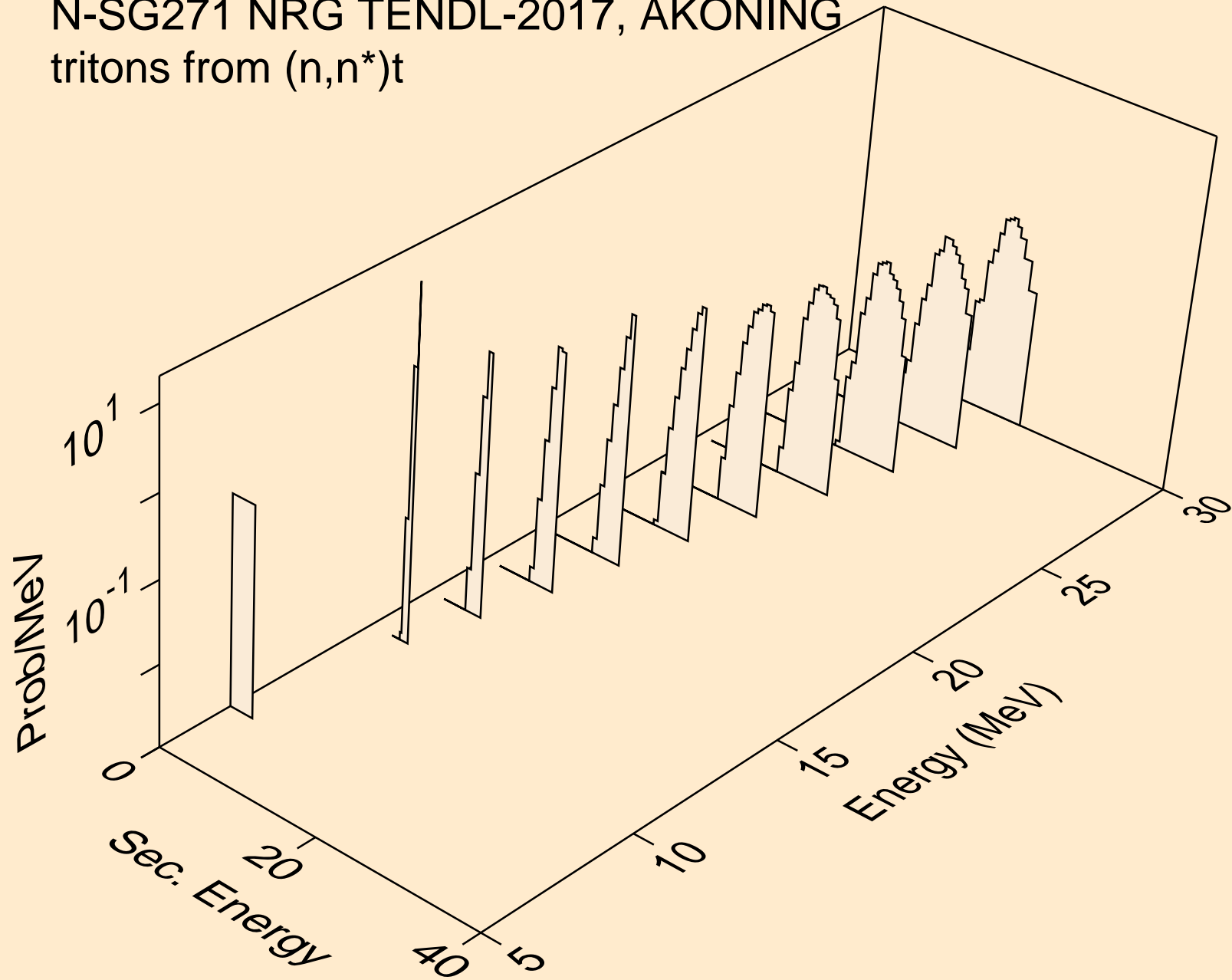
N-SG271 NRG TENDL-2017, AKONING  
deuterons from (n,d)



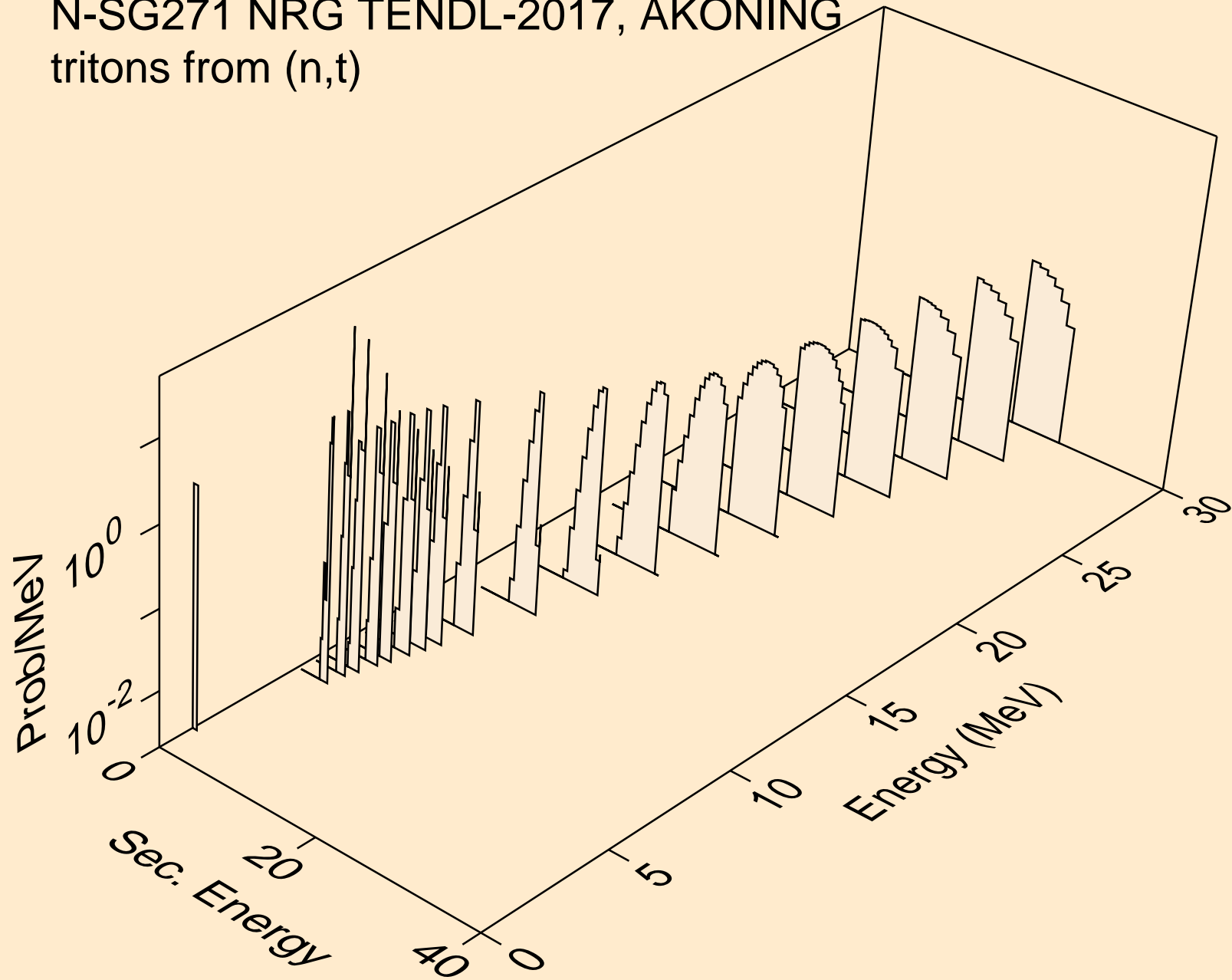
N-SG271 NRG TENDL-2017, AKONING  
tritons from (n,x)



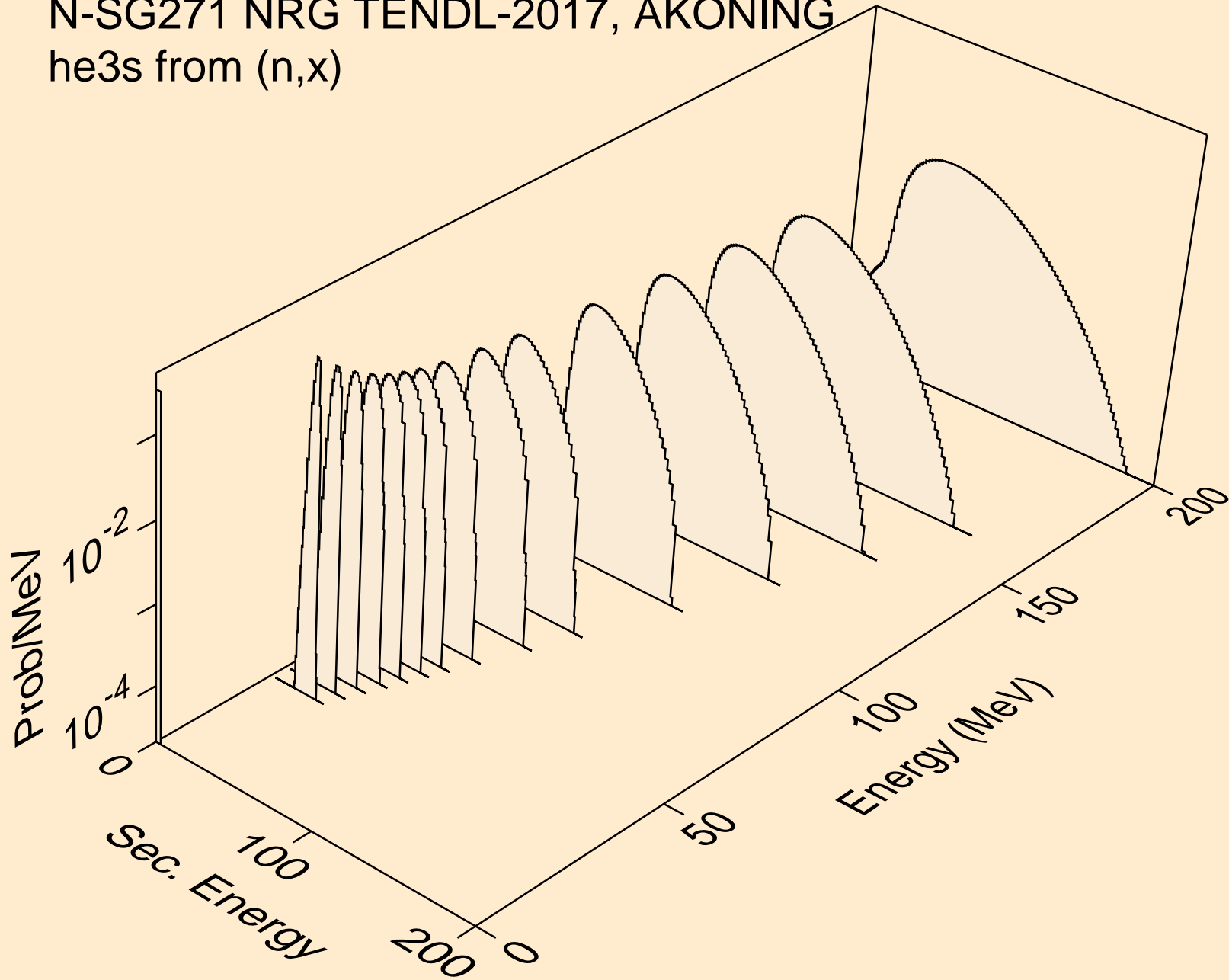
N-SG271 NRG TENDL-2017, AKONING  
tritons from (n,n\*)t



N-SG271 NRG TENDL-2017, AKONING  
tritons from (n,t)

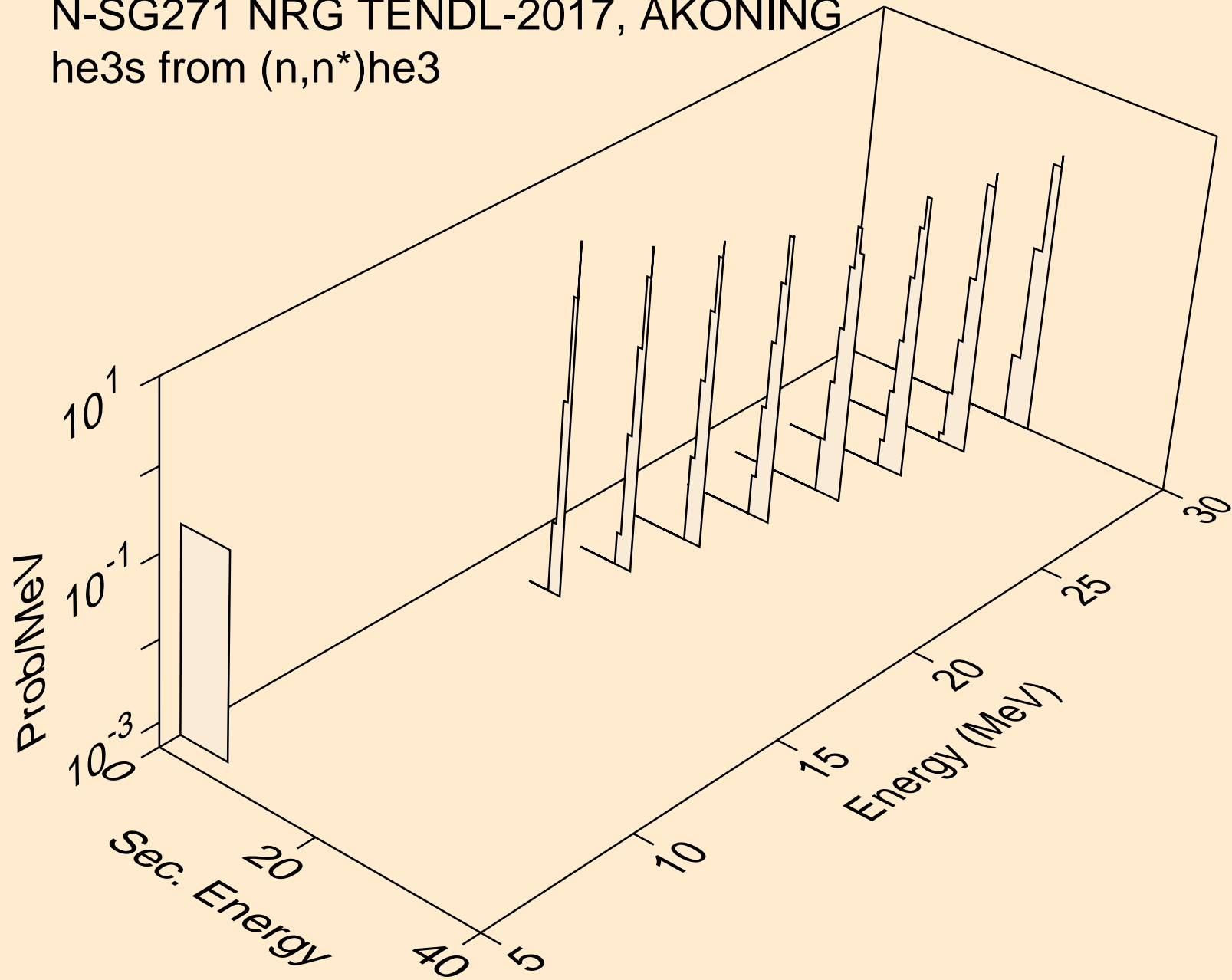


N-SG271 NRG TENDL-2017, AKONING  
he3s from (n,x)

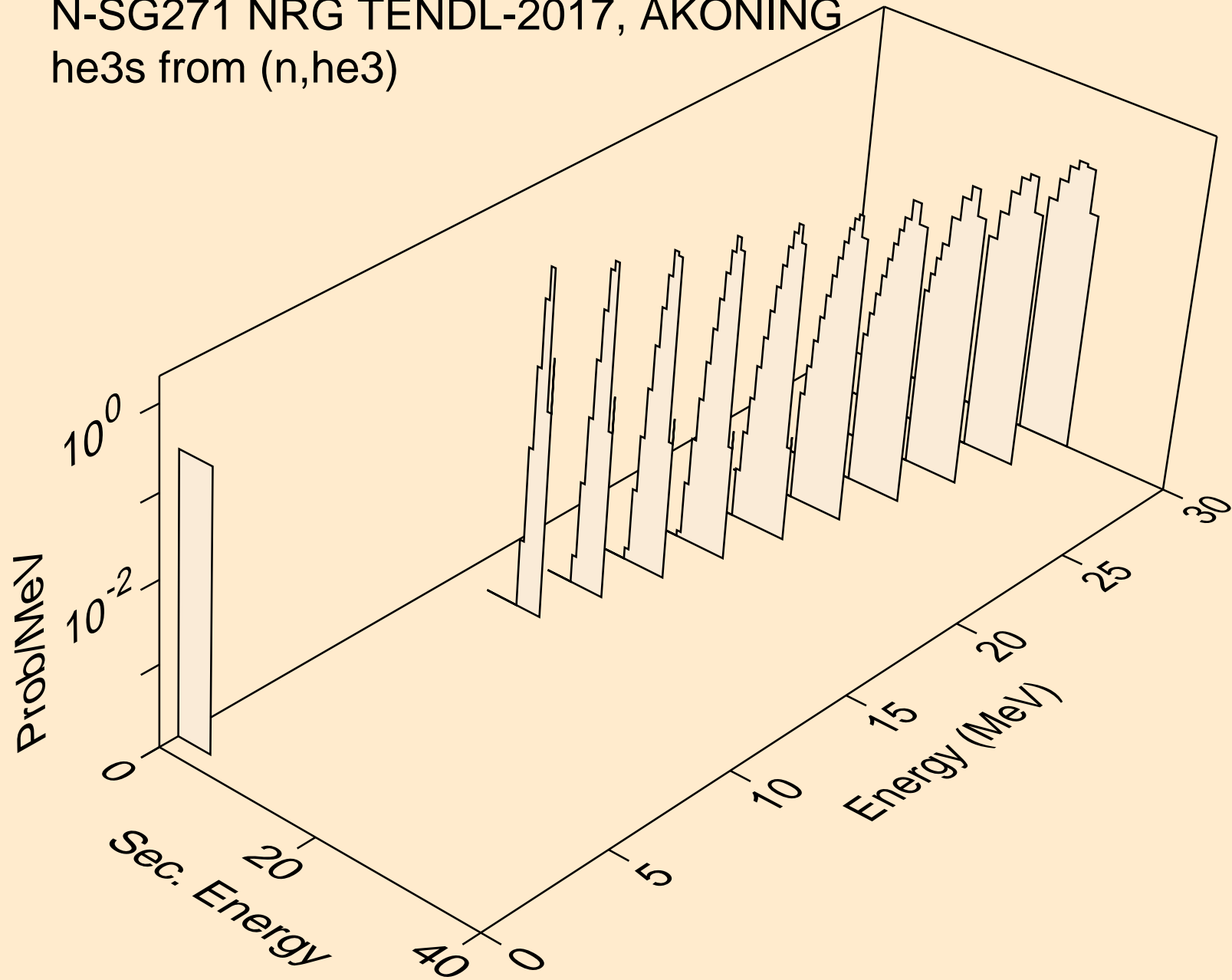




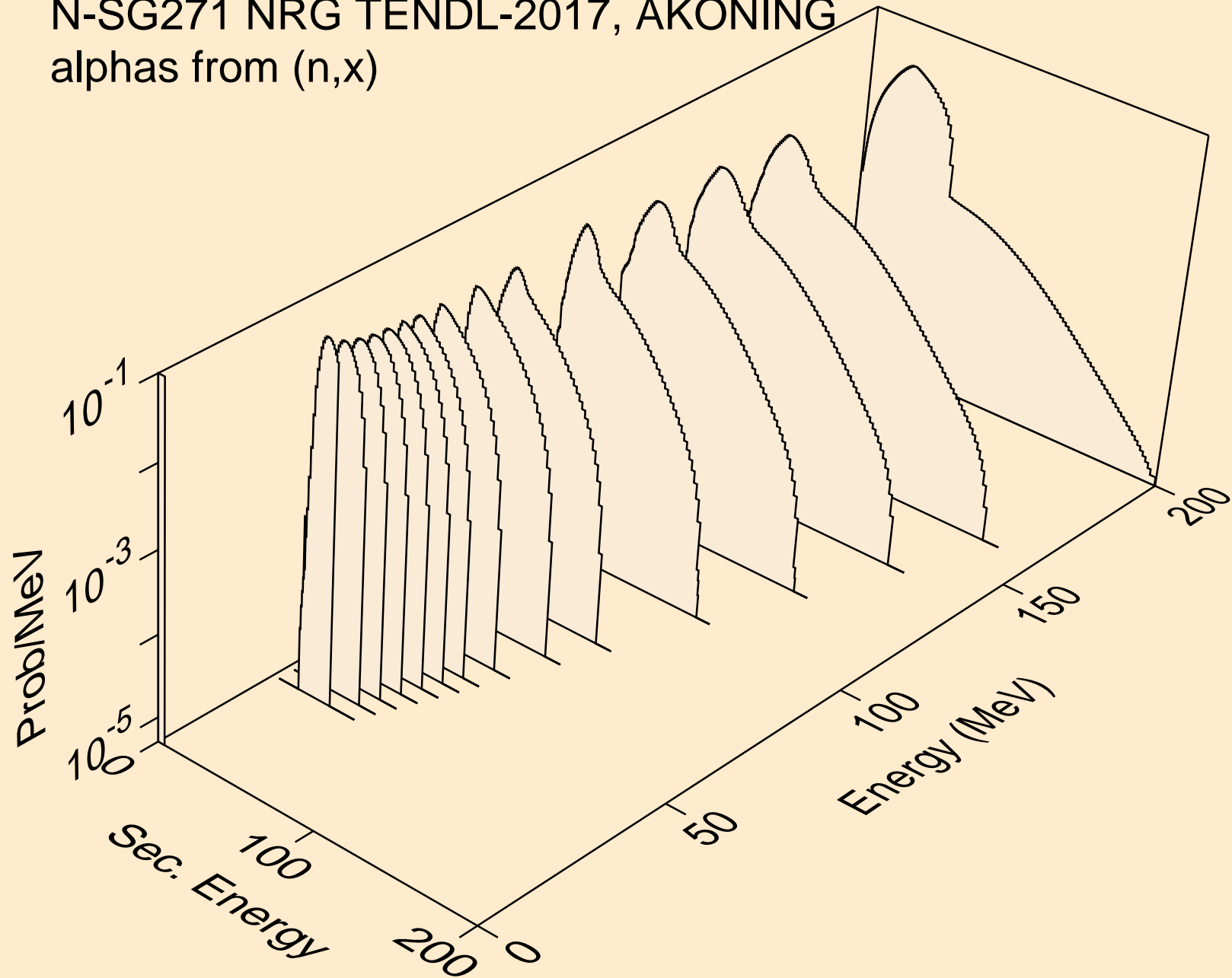
N-SG271 NRG TENDL-2017, AKONING  
he3s from (n,n\*)he3



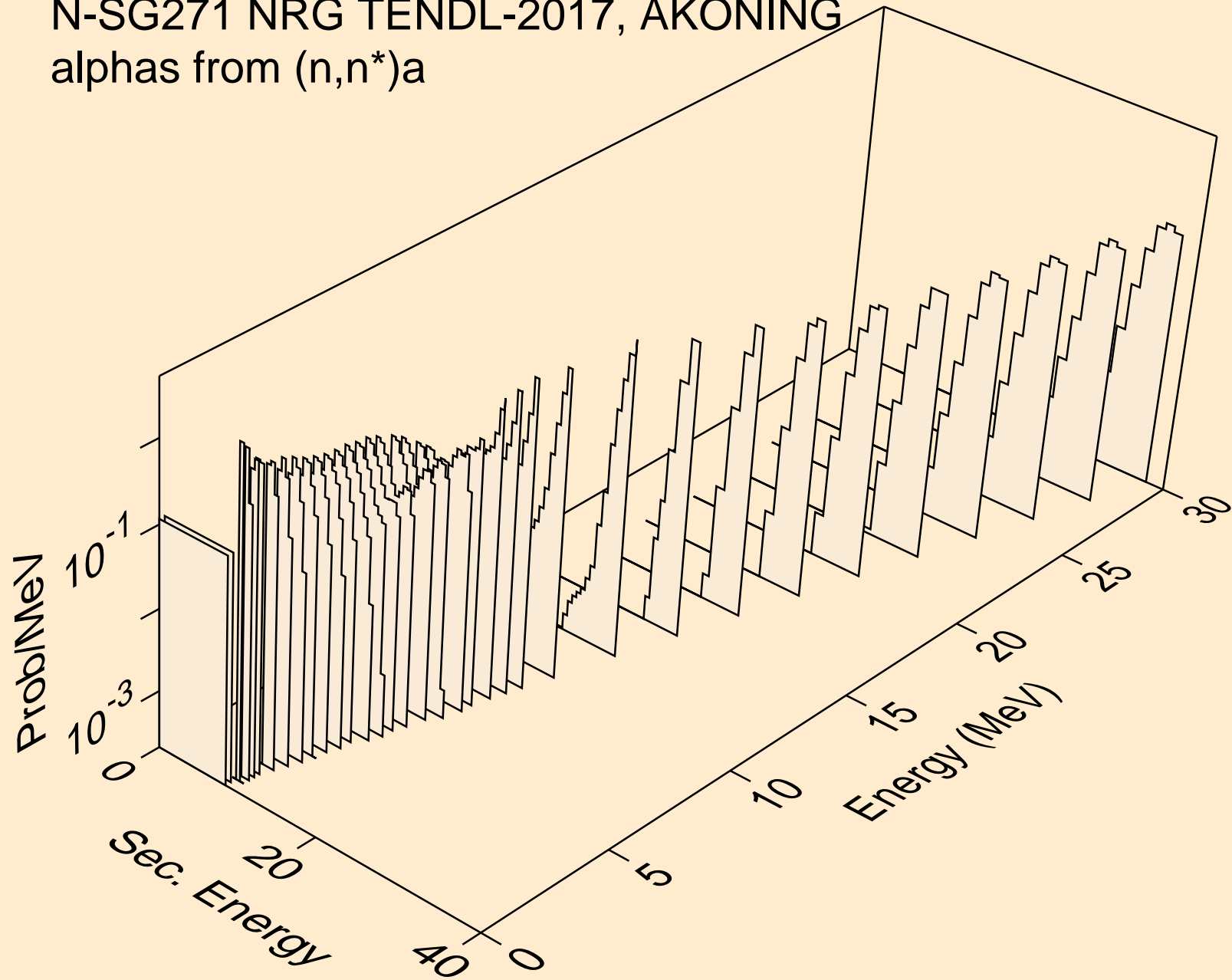
N-SG271 NRG TENDL-2017, AKONING  
he3s from (n,he3)



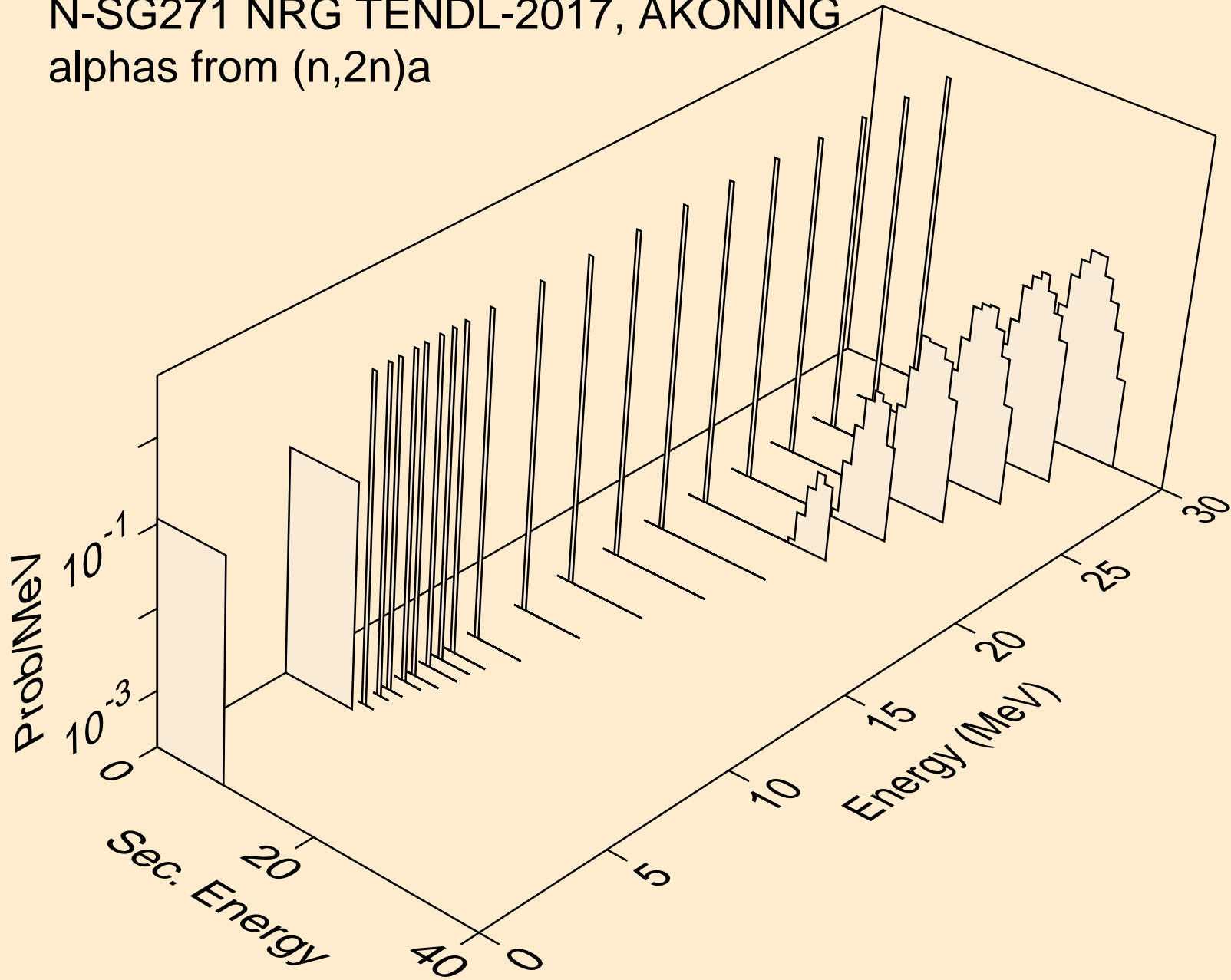
N-SG271 NRG TENDL-2017, AKONING  
alphas from (n,x)



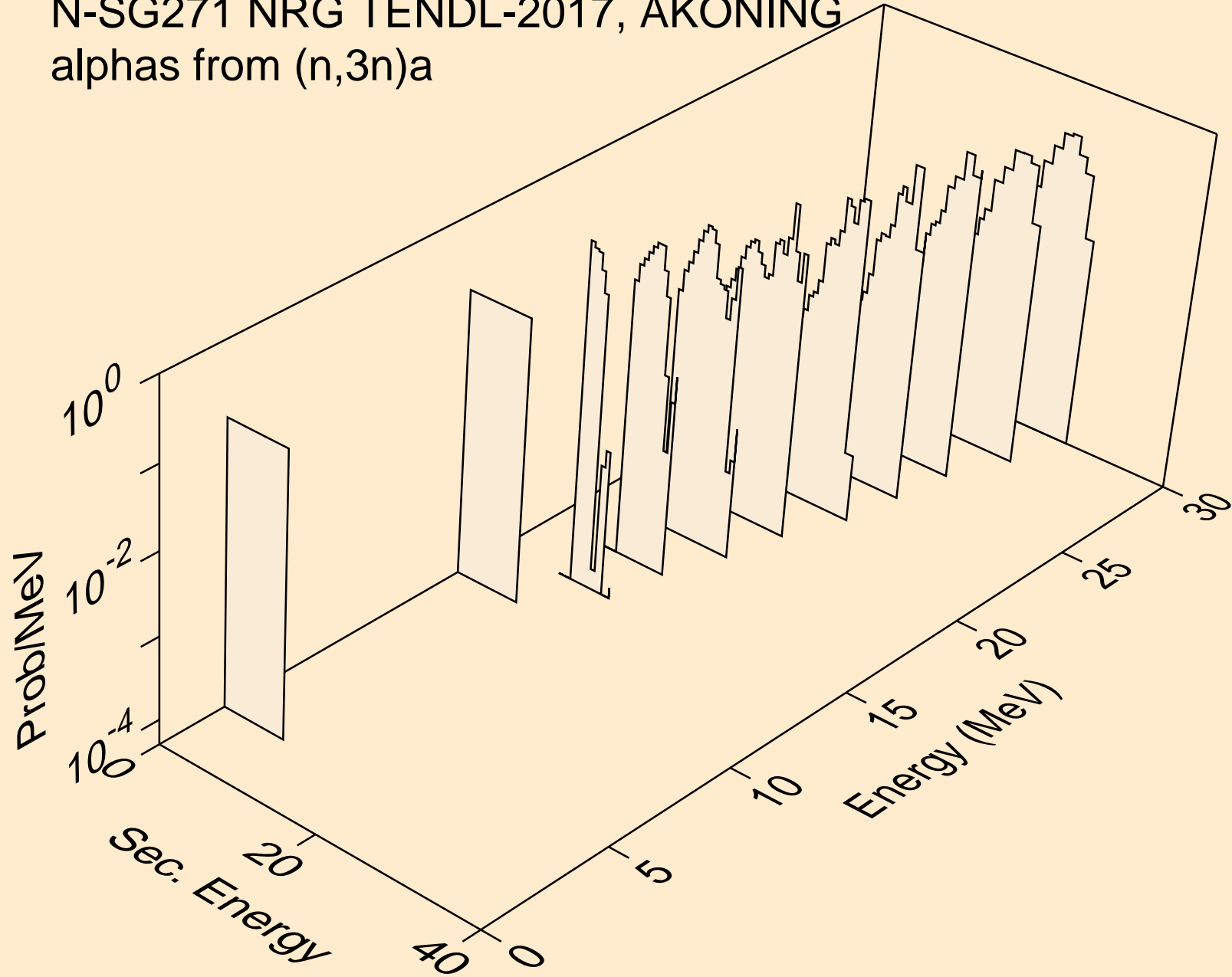
N-SG271 NRG TENDL-2017, AKONING  
alphas from (n,n\*)a



N-SG271 NRG TENDL-2017, AKONING  
alphas from (n,2n)a



N-SG271 NRG TENDL-2017, AKONING  
alphas from (n,3n)a



N-SG271 NRG TENDL-2017, AKONING  
alphas from (n,a)

