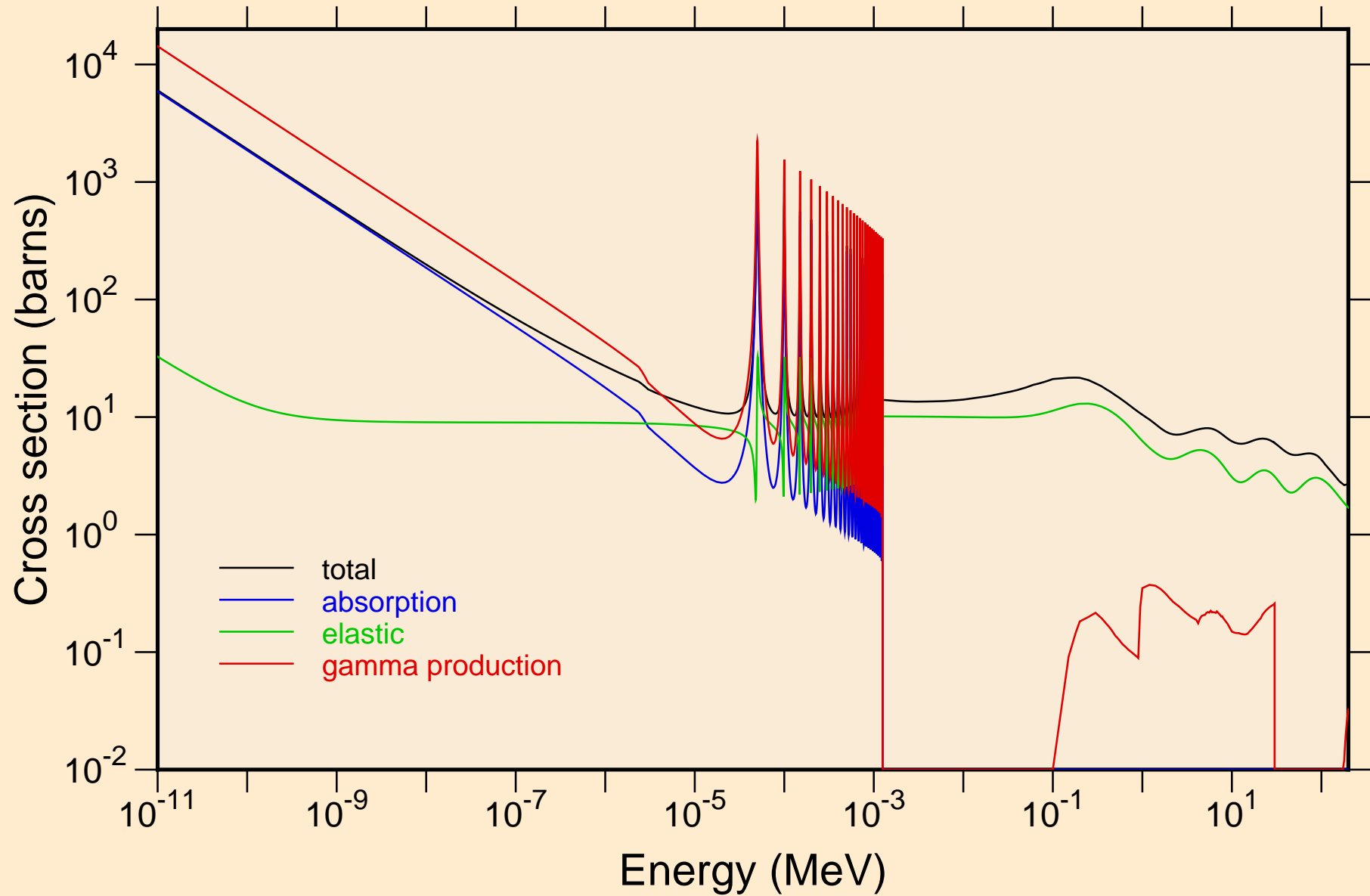
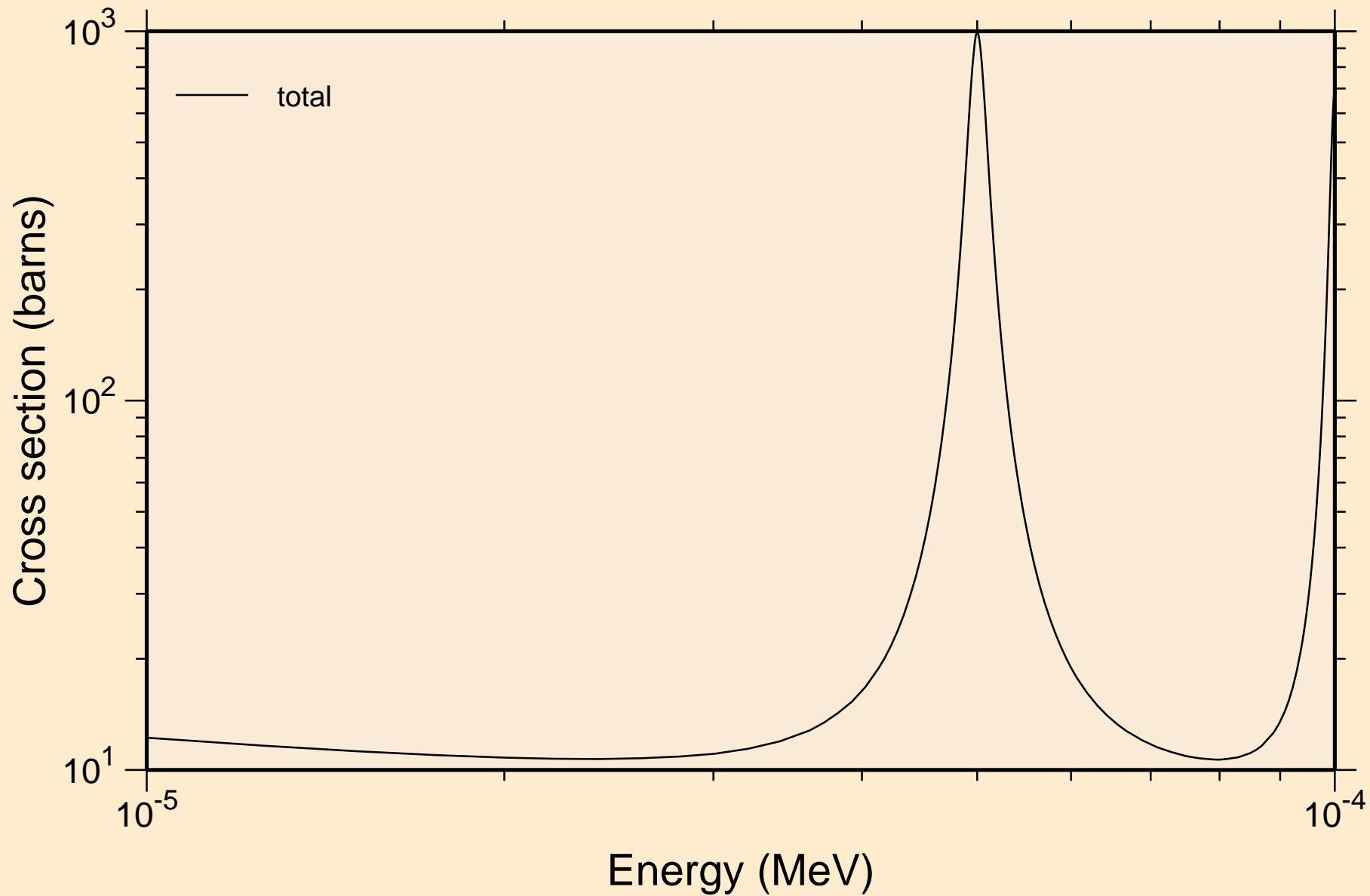


# SG270 NRG TENDL-2015, AKONING

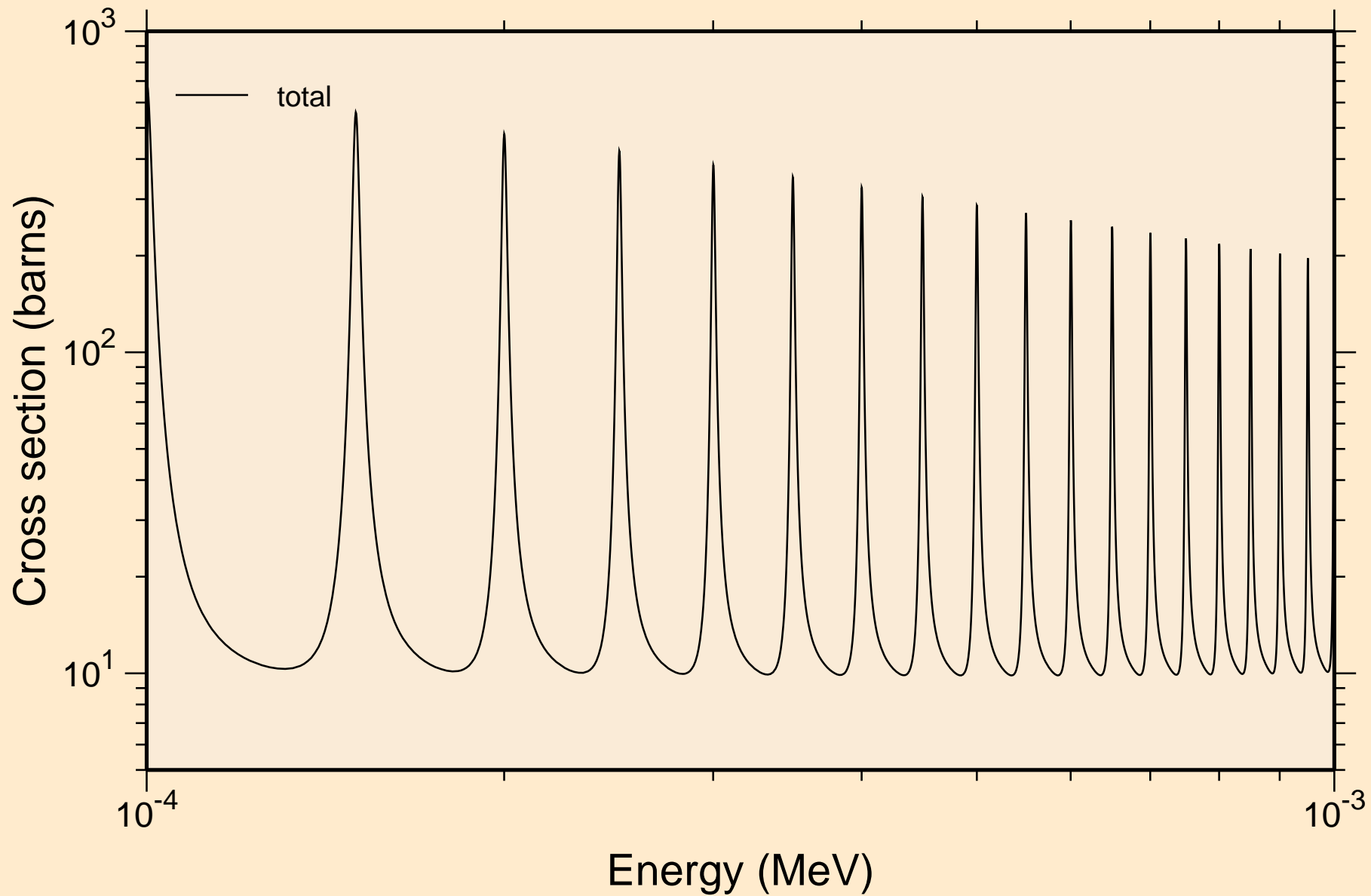
## Principal cross sections



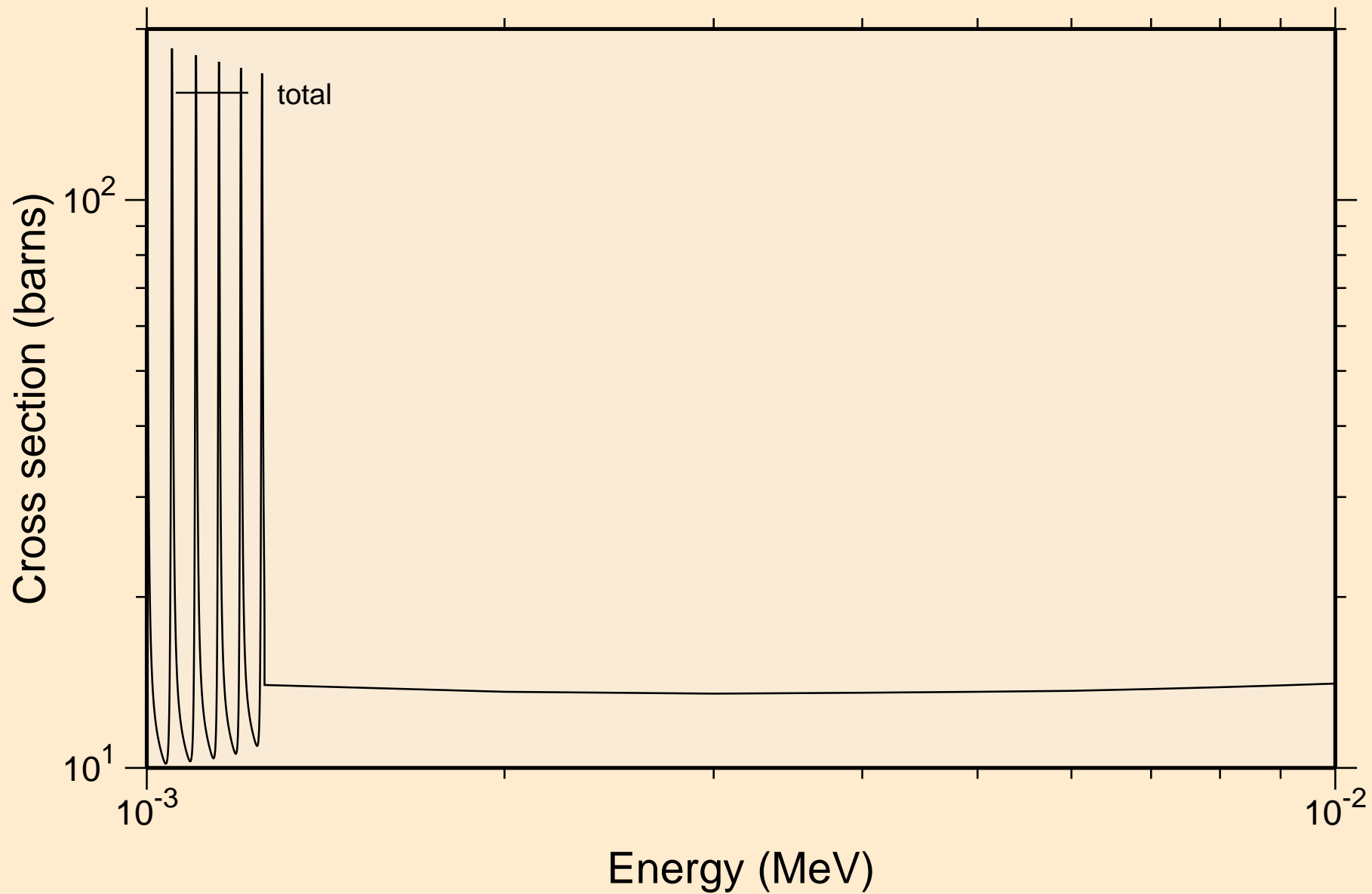
SG270 NRG TENDL-2015, AKONING  
resonance total cross section



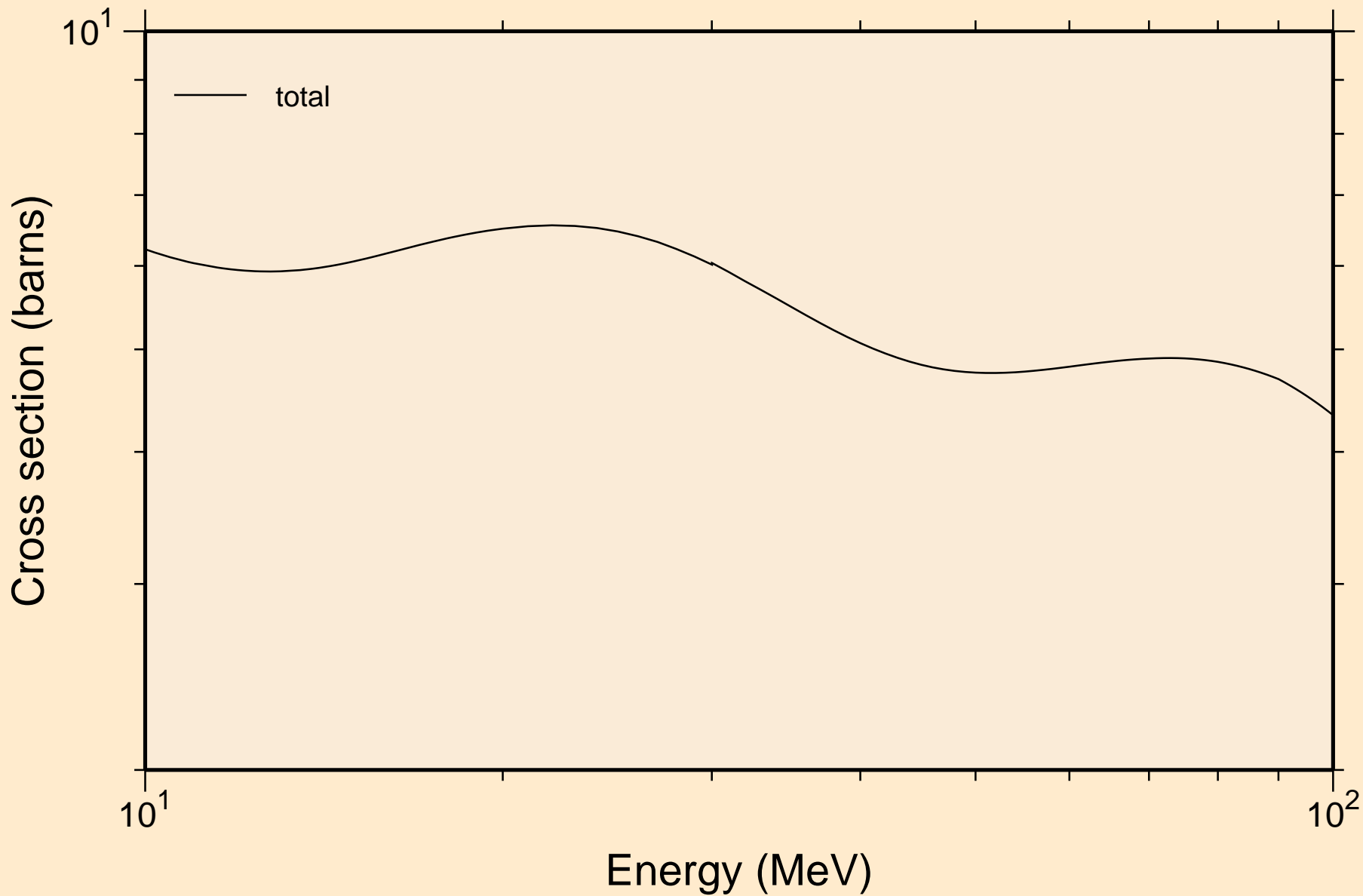
SG270 NRG TENDL-2015, AKONING  
resonance total cross section



SG270 NRG TENDL-2015, AKONING  
resonance total cross section

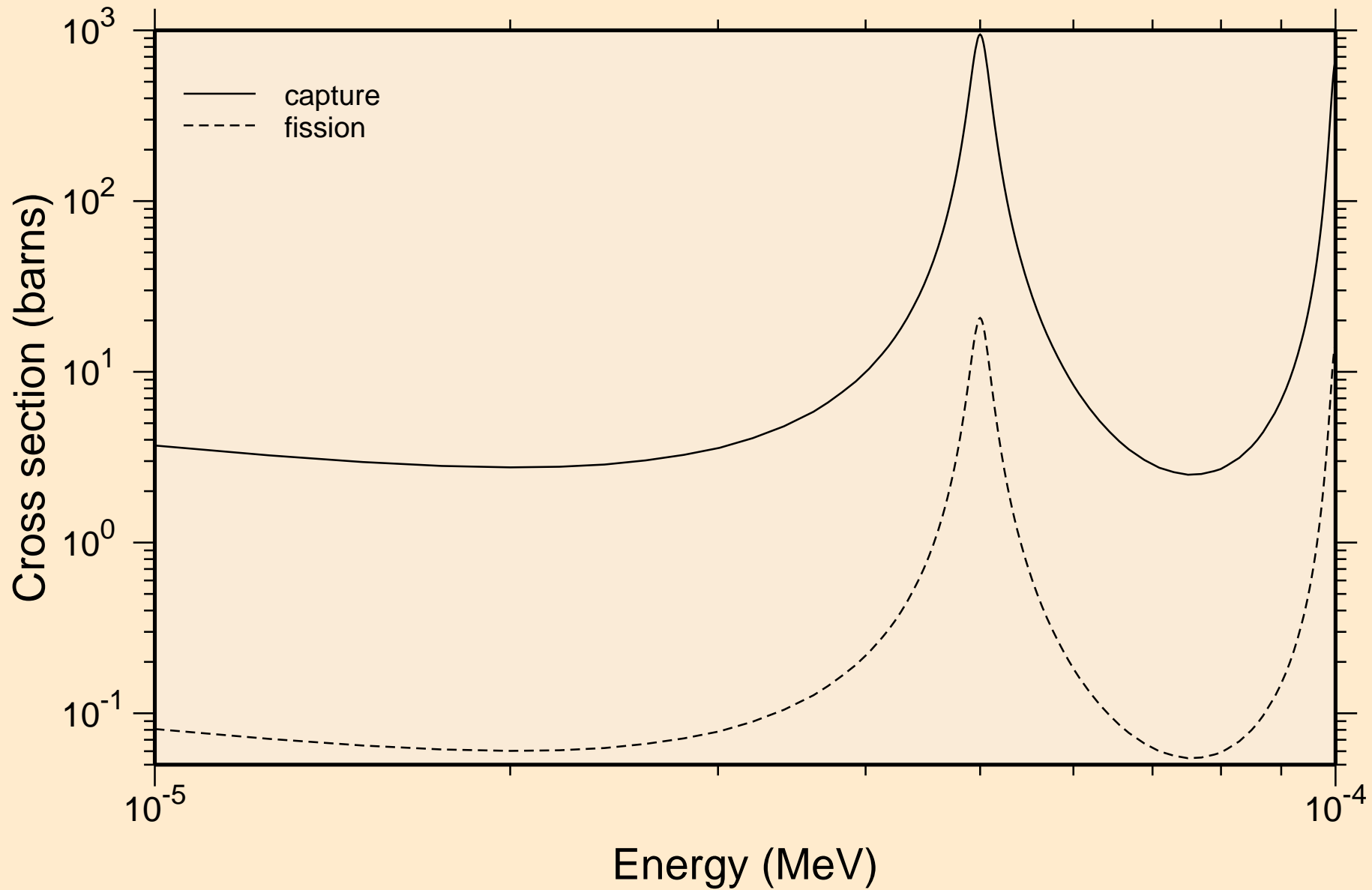


SG270 NRG TENDL-2015, AKONING  
resonance total cross section

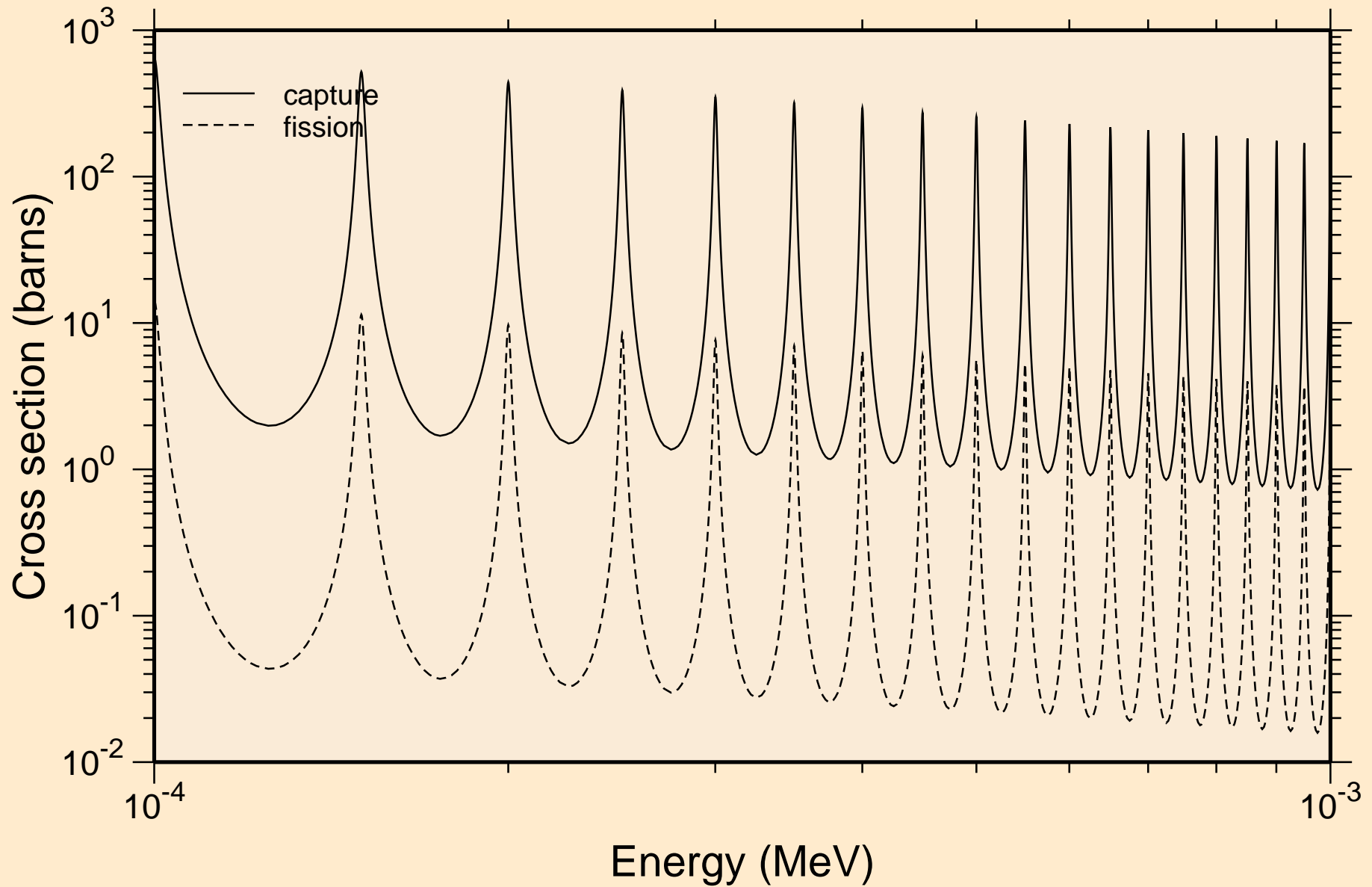


# SG270 NRG TENDL-2015, AKONING

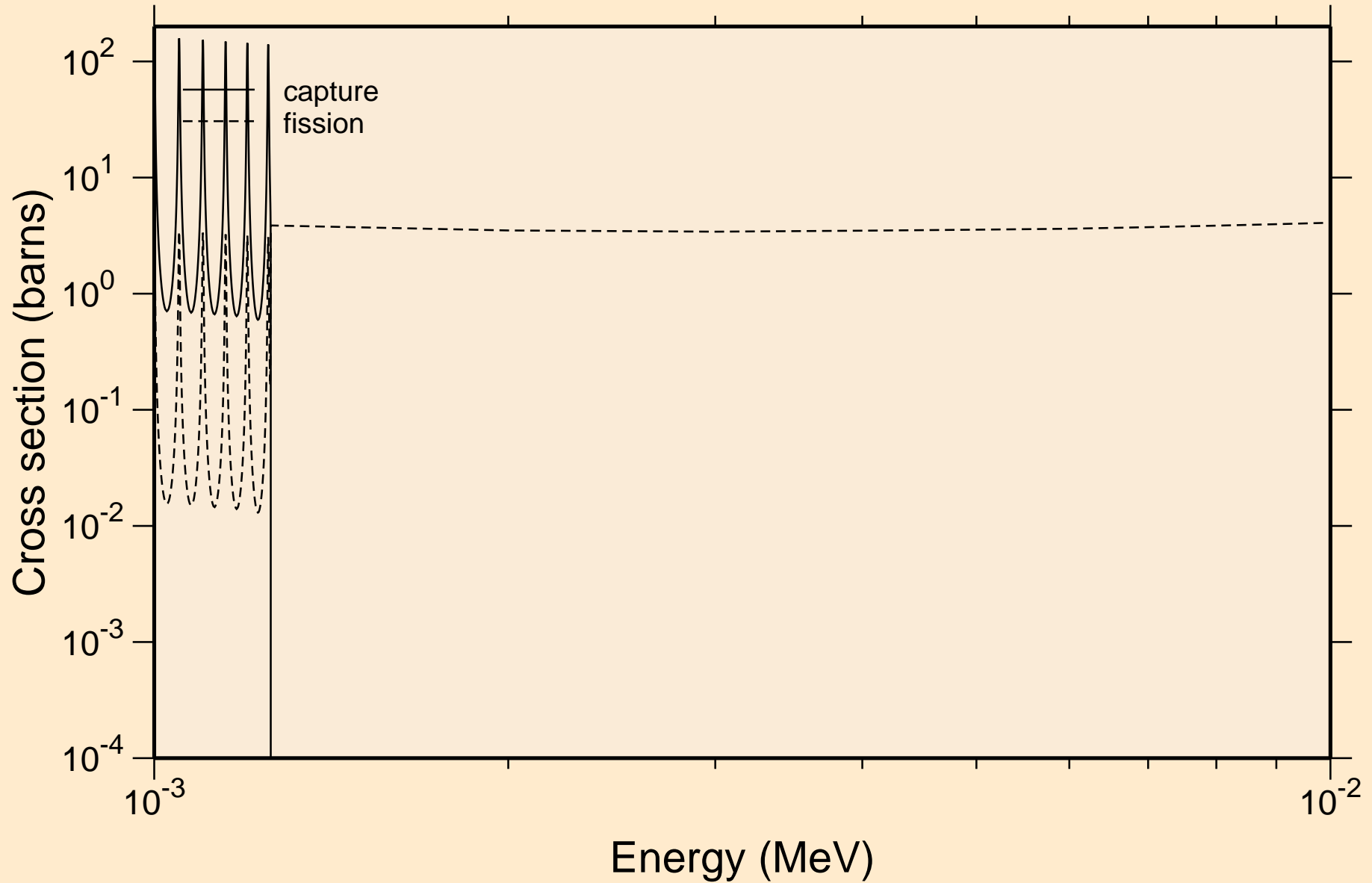
## resonance absorption cross sections



# SG270 NRG TENDL-2015, AKONING resonance absorption cross sections



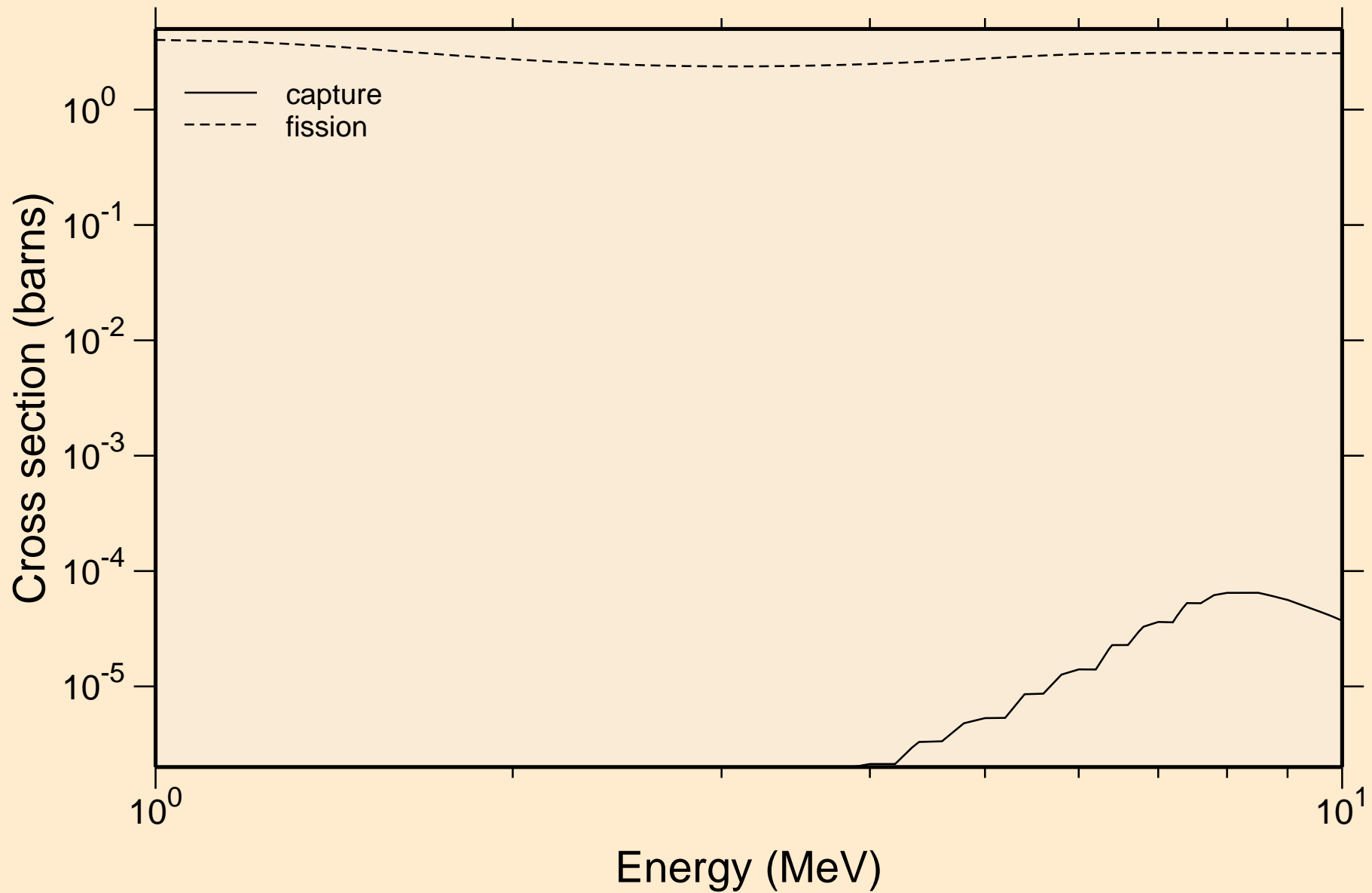
# SG270 NRG TENDL-2015, AKONING resonance absorption cross sections





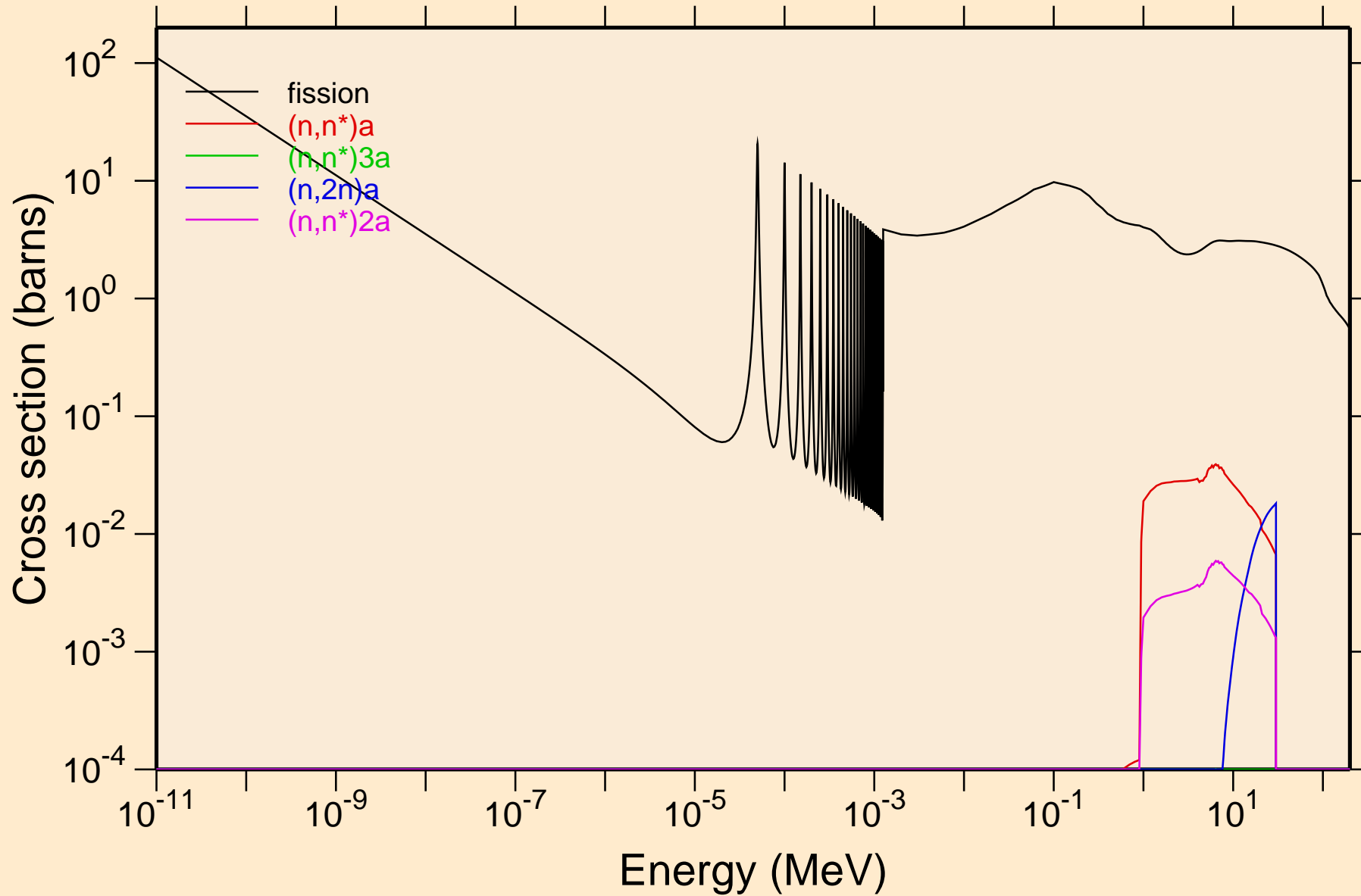
# SG270 NRG TENDL-2015, AKONING

## resonance absorption cross sections



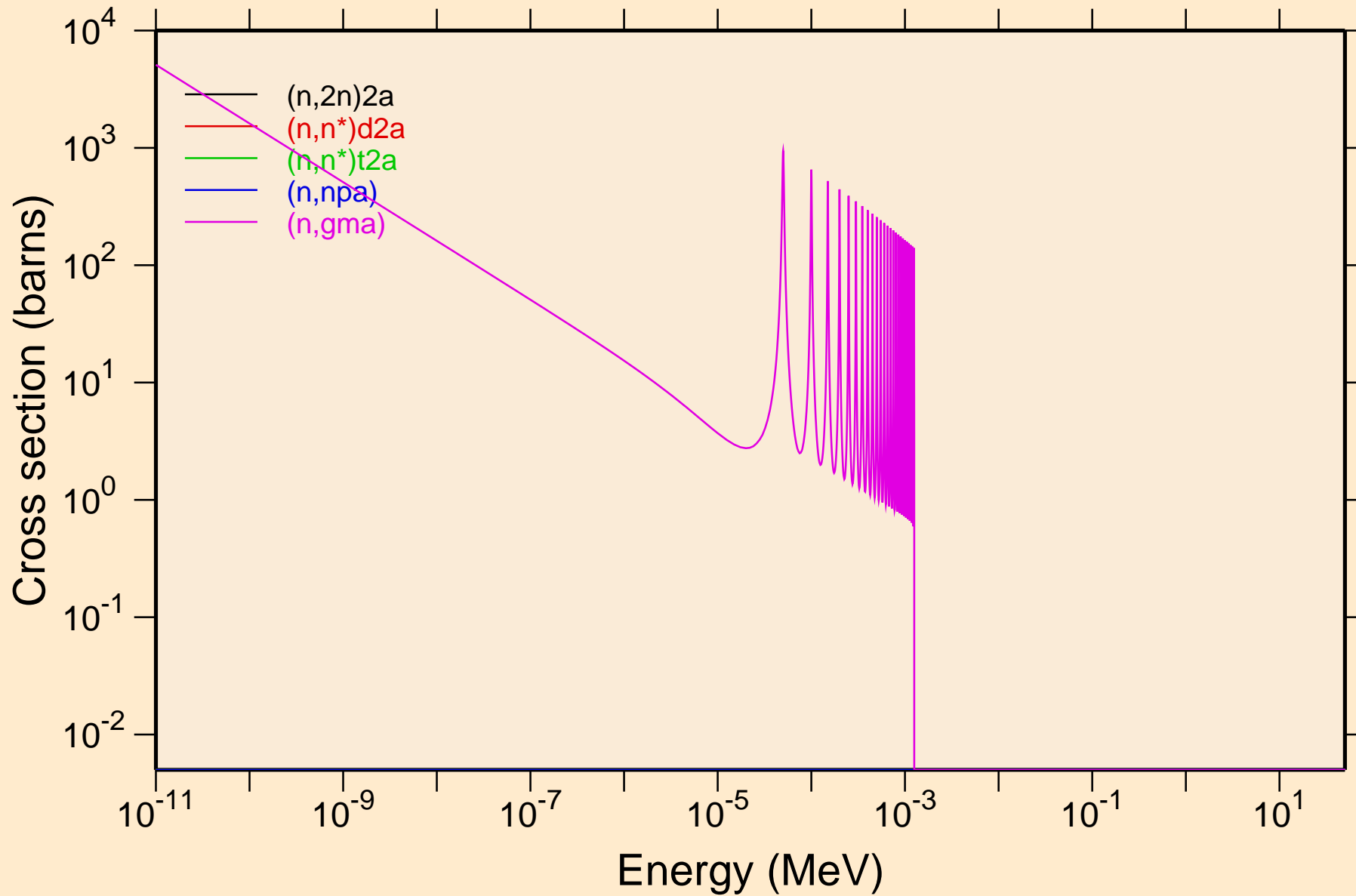
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



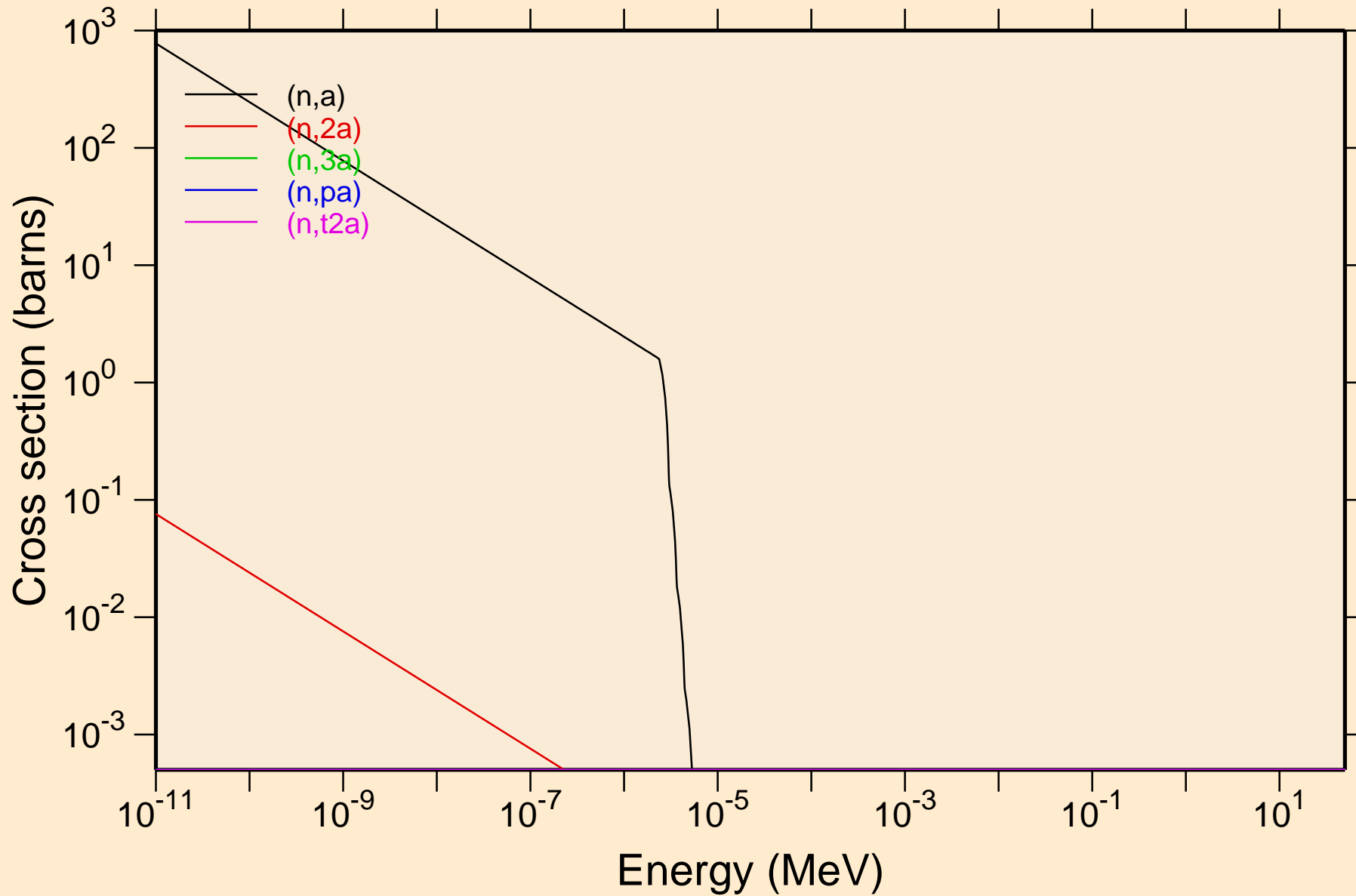
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



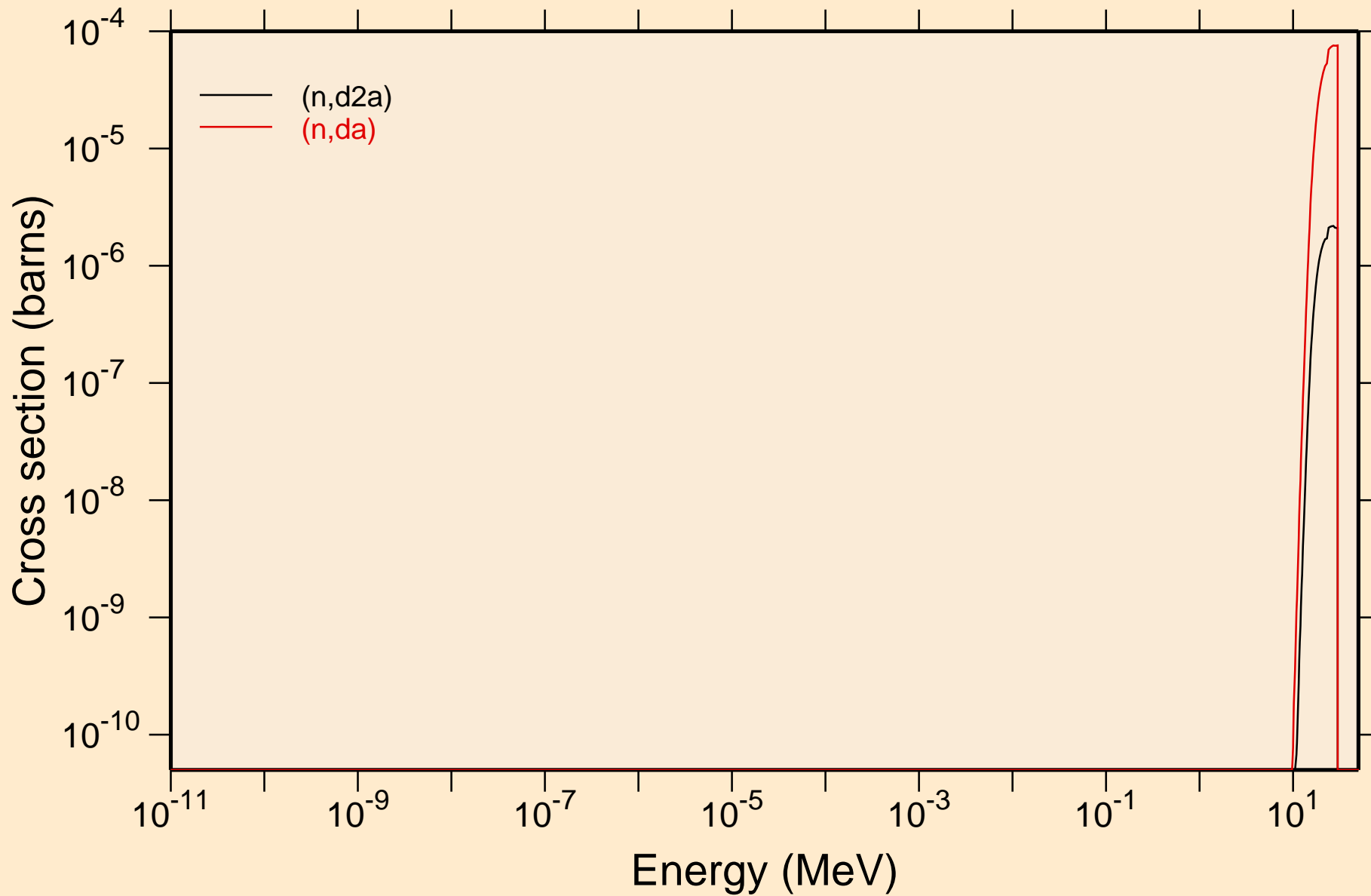
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



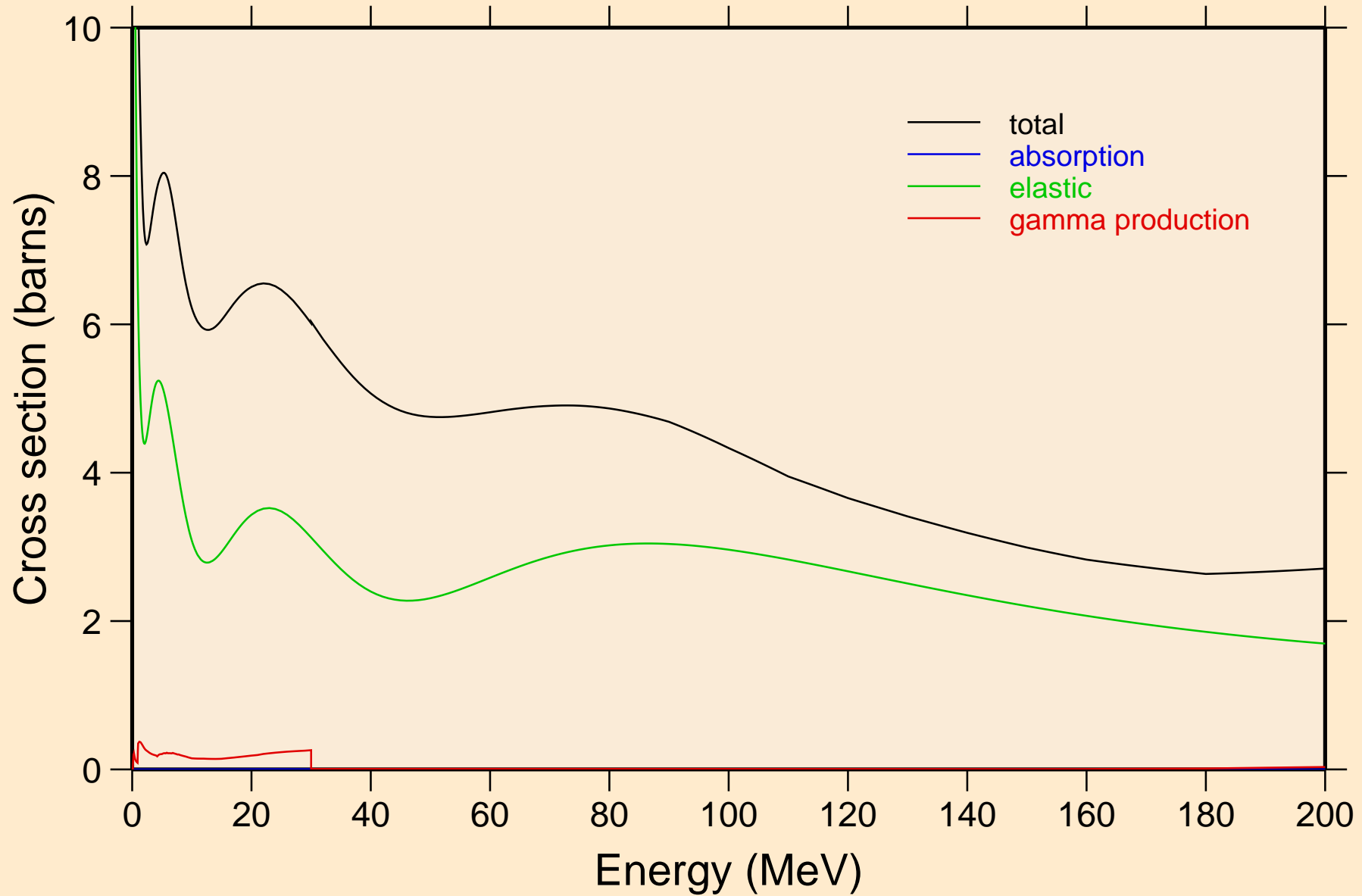
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



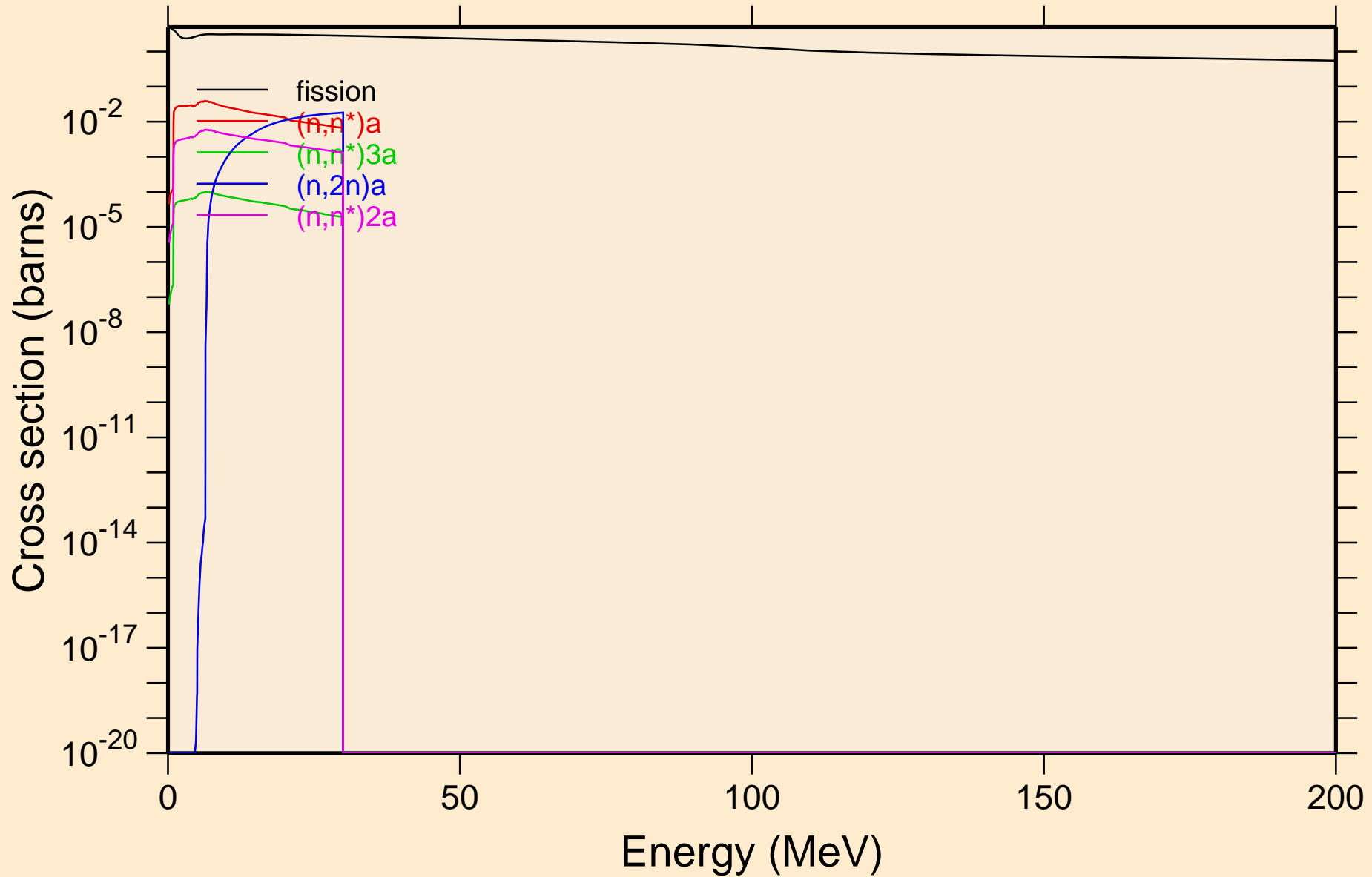
# SG270 NRG TENDL-2015, AKONING

## Principal cross sections



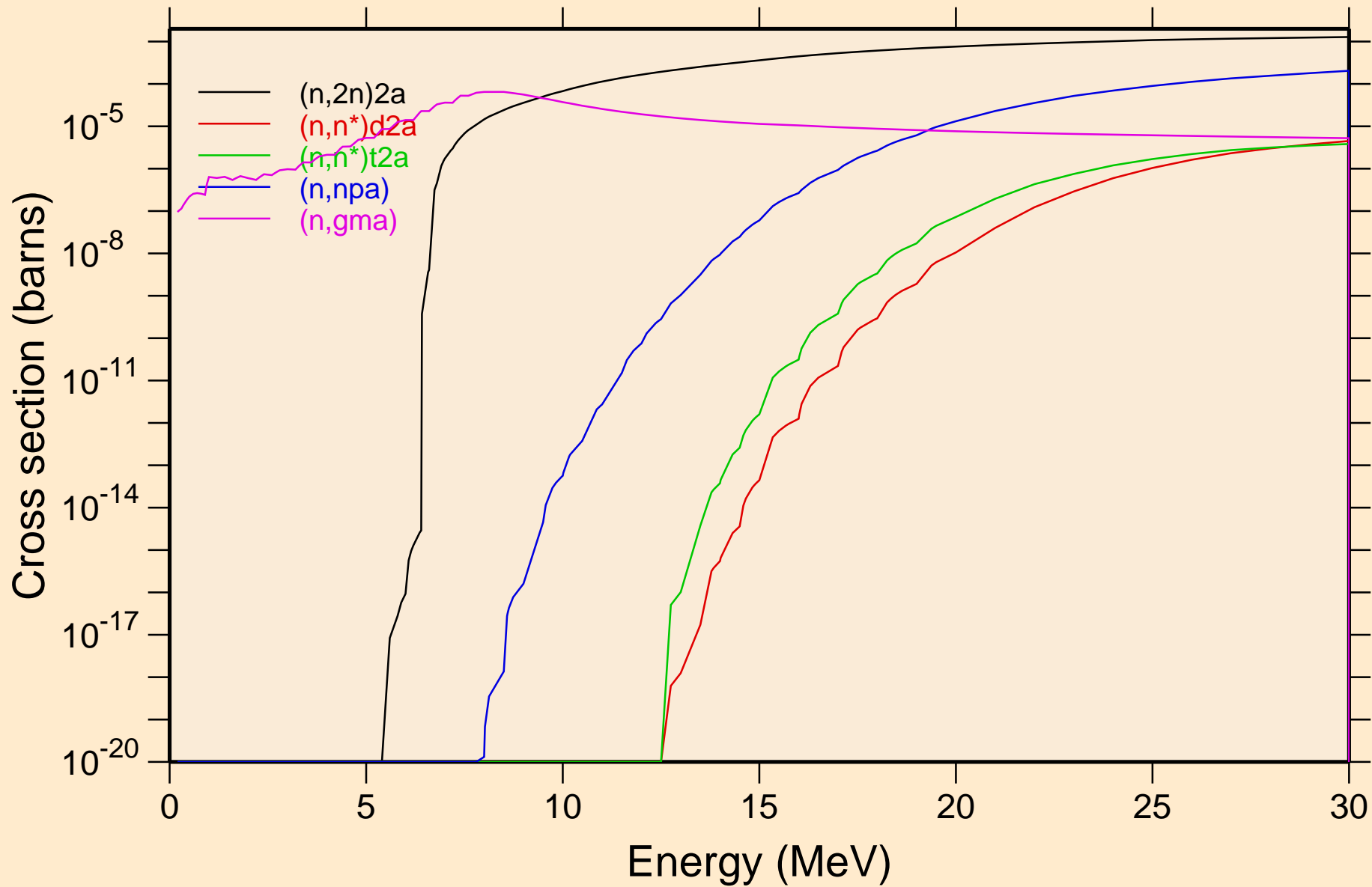
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



# SG270 NRG TENDL-2015, AKONING

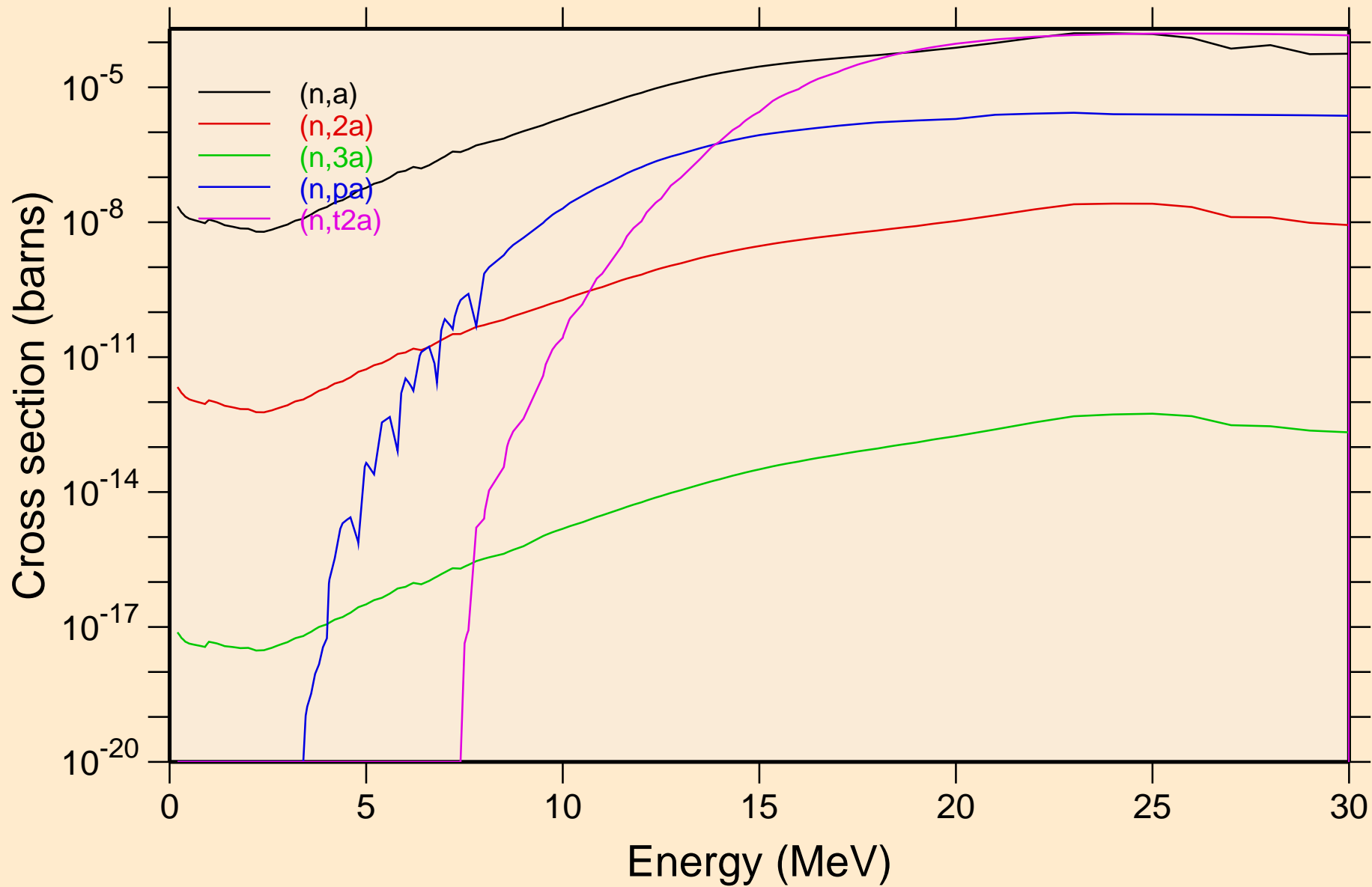
## Non-threshold reactions





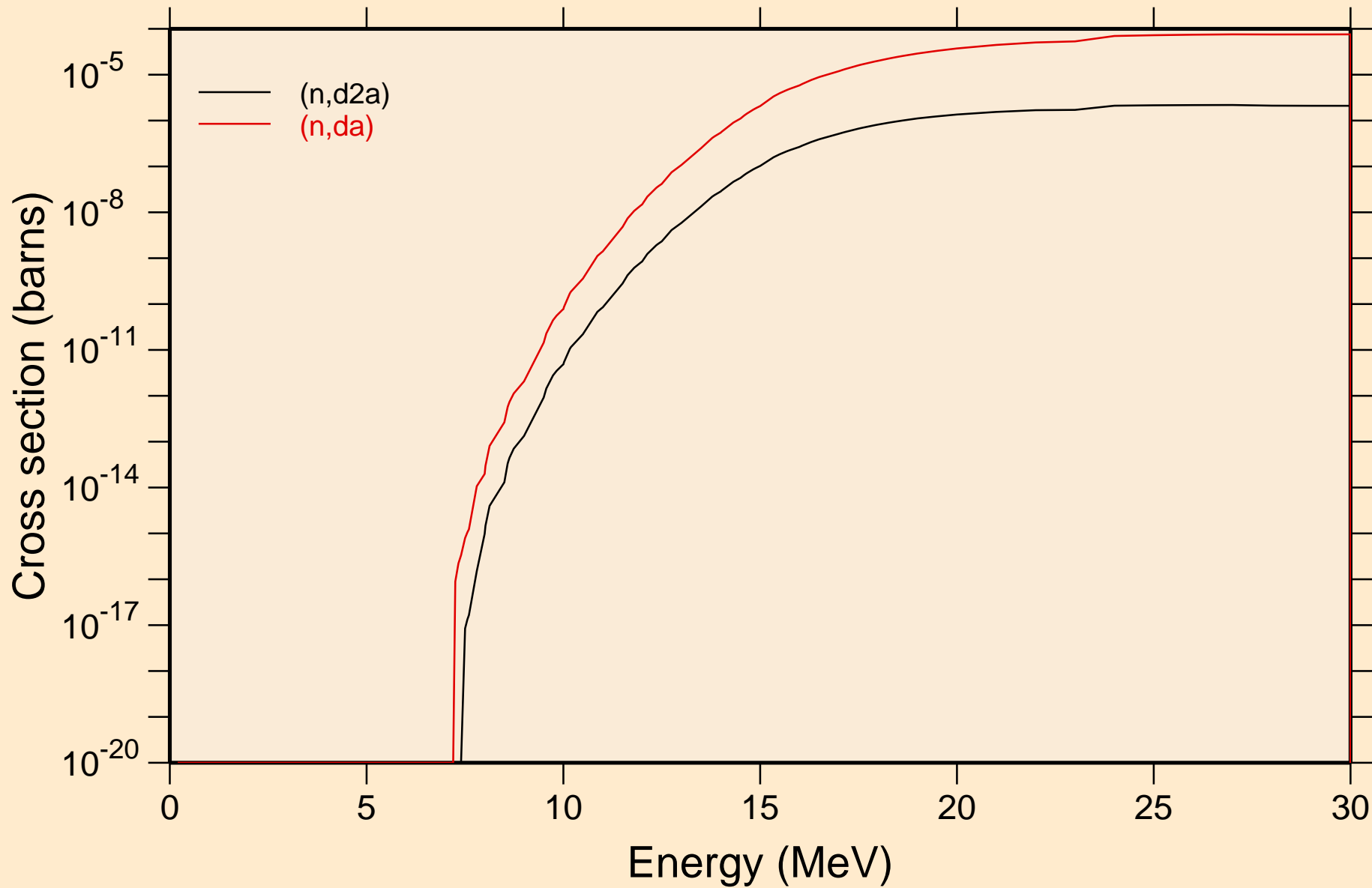
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



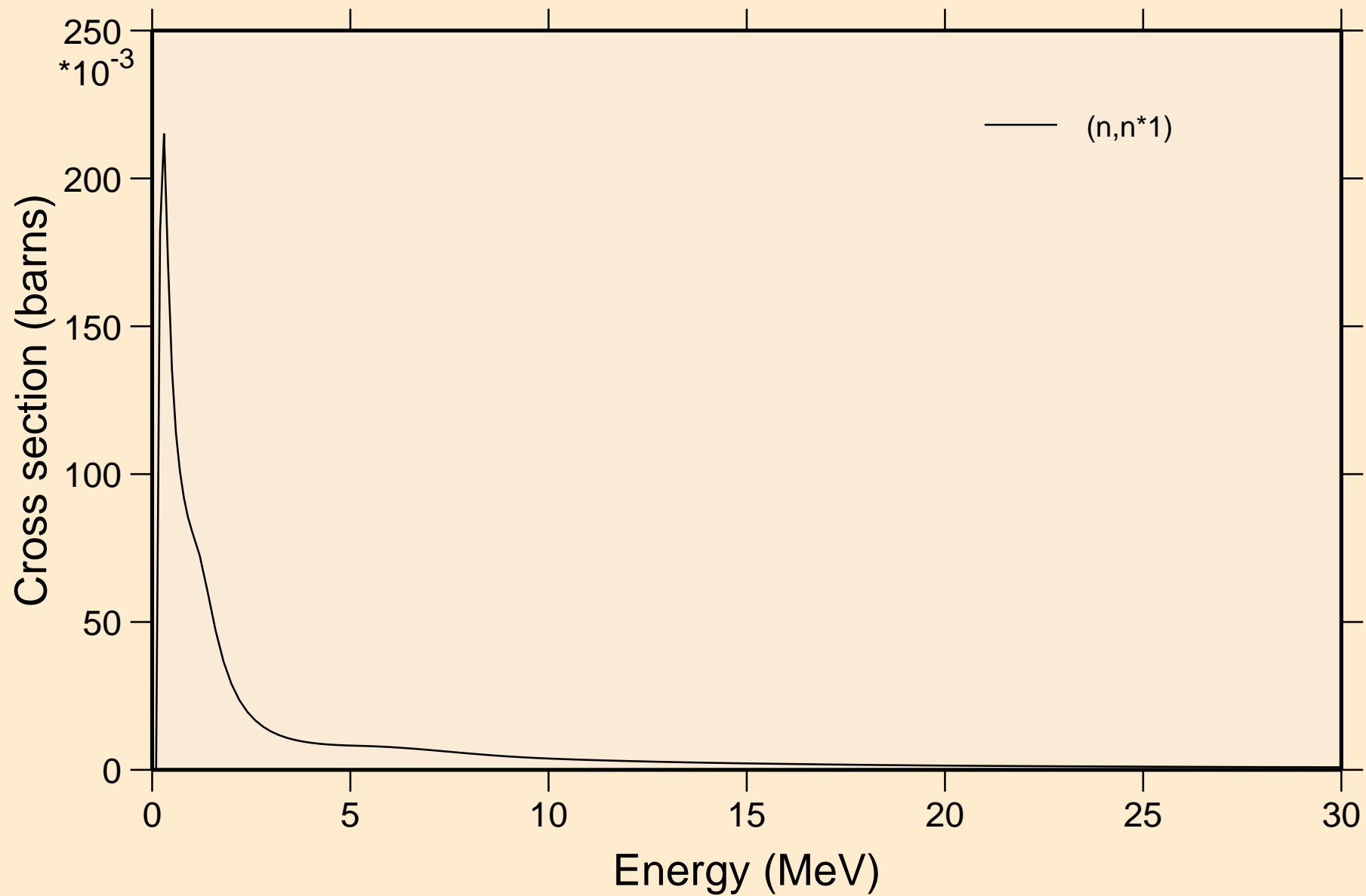
# SG270 NRG TENDL-2015, AKONING

## Non-threshold reactions



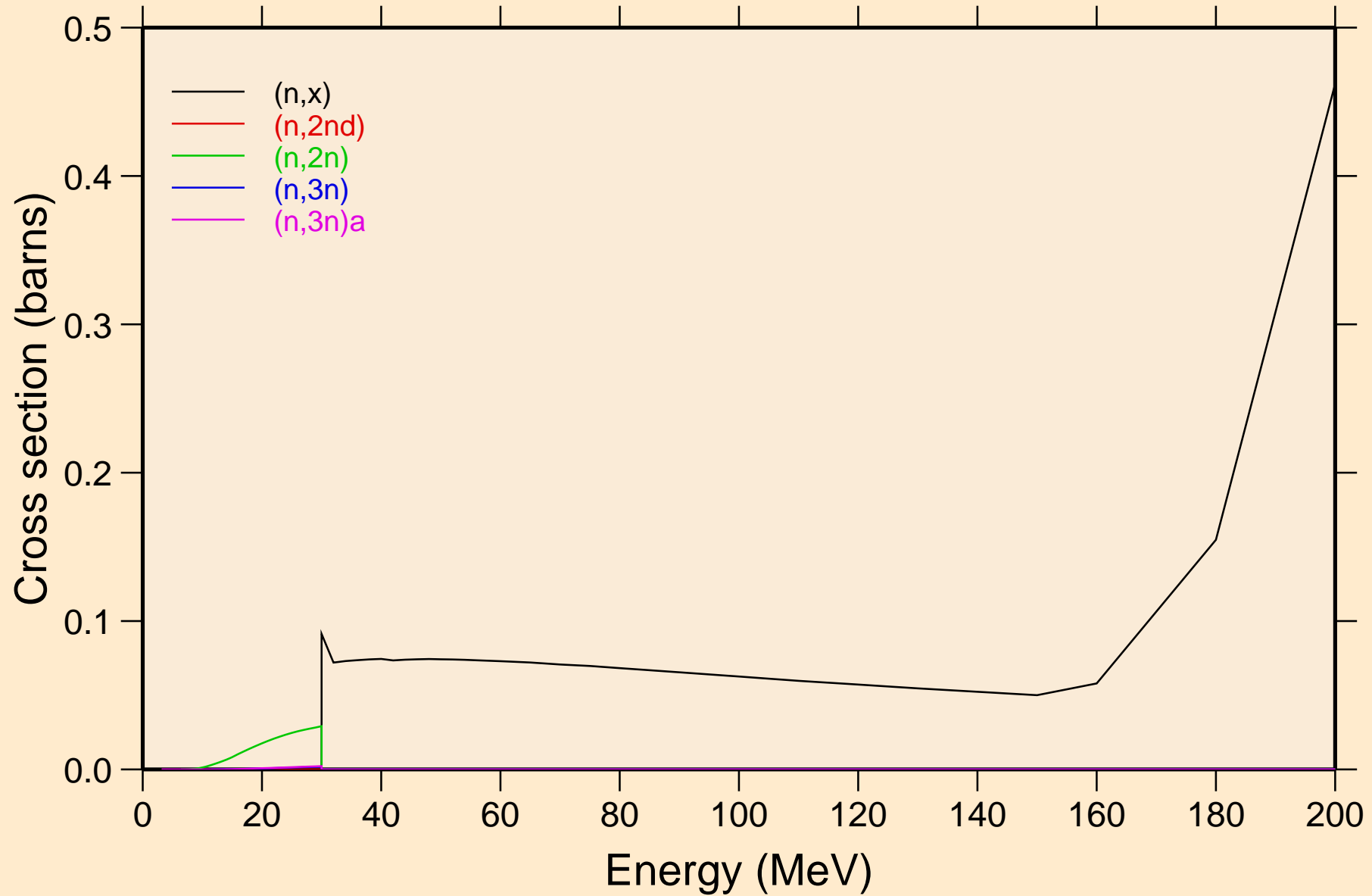
# SG270 NRG TENDL-2015, AKONING

## Inelastic levels



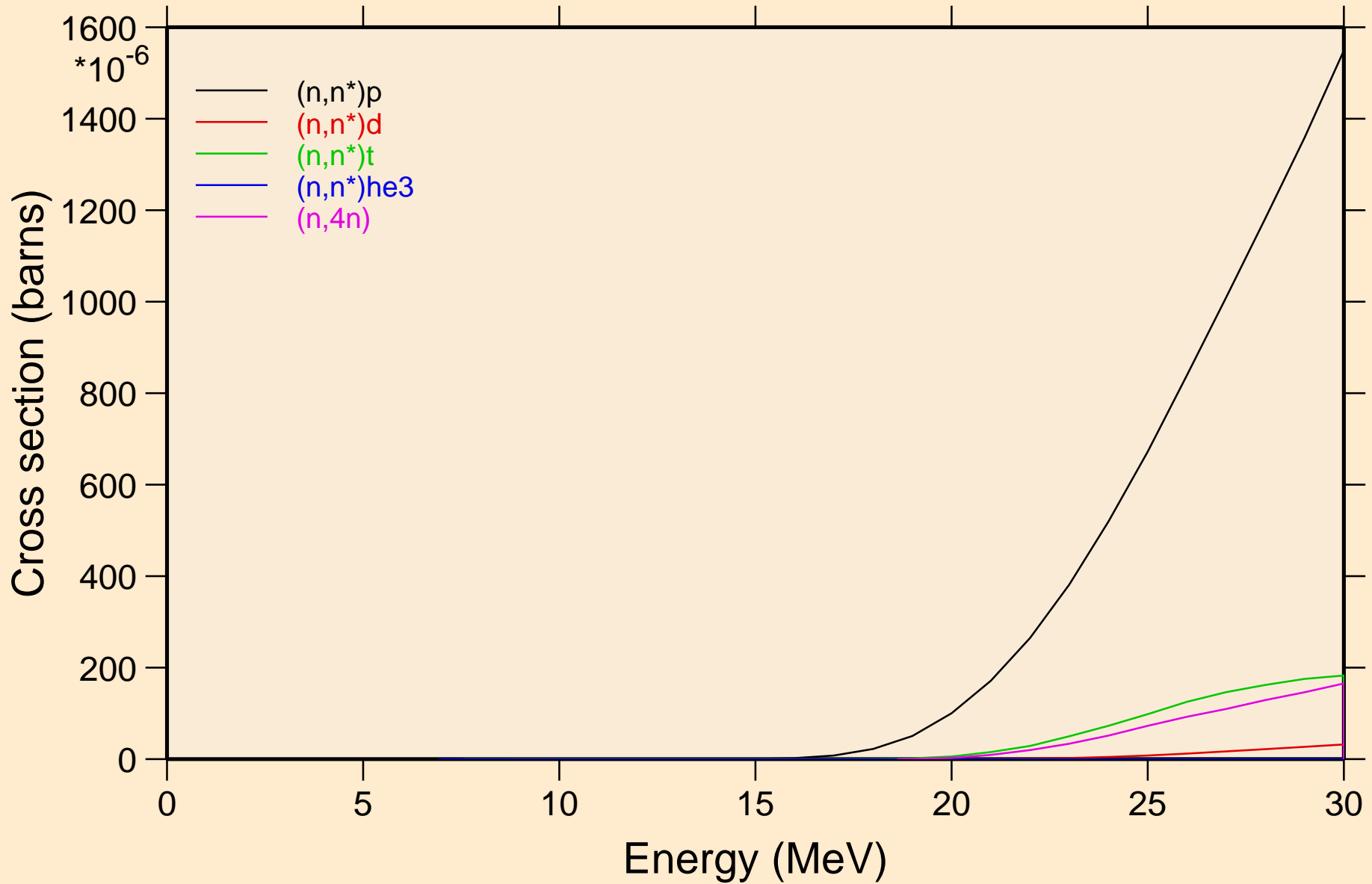
# SG270 NRG TENDL-2015, AKONING

## Threshold reactions



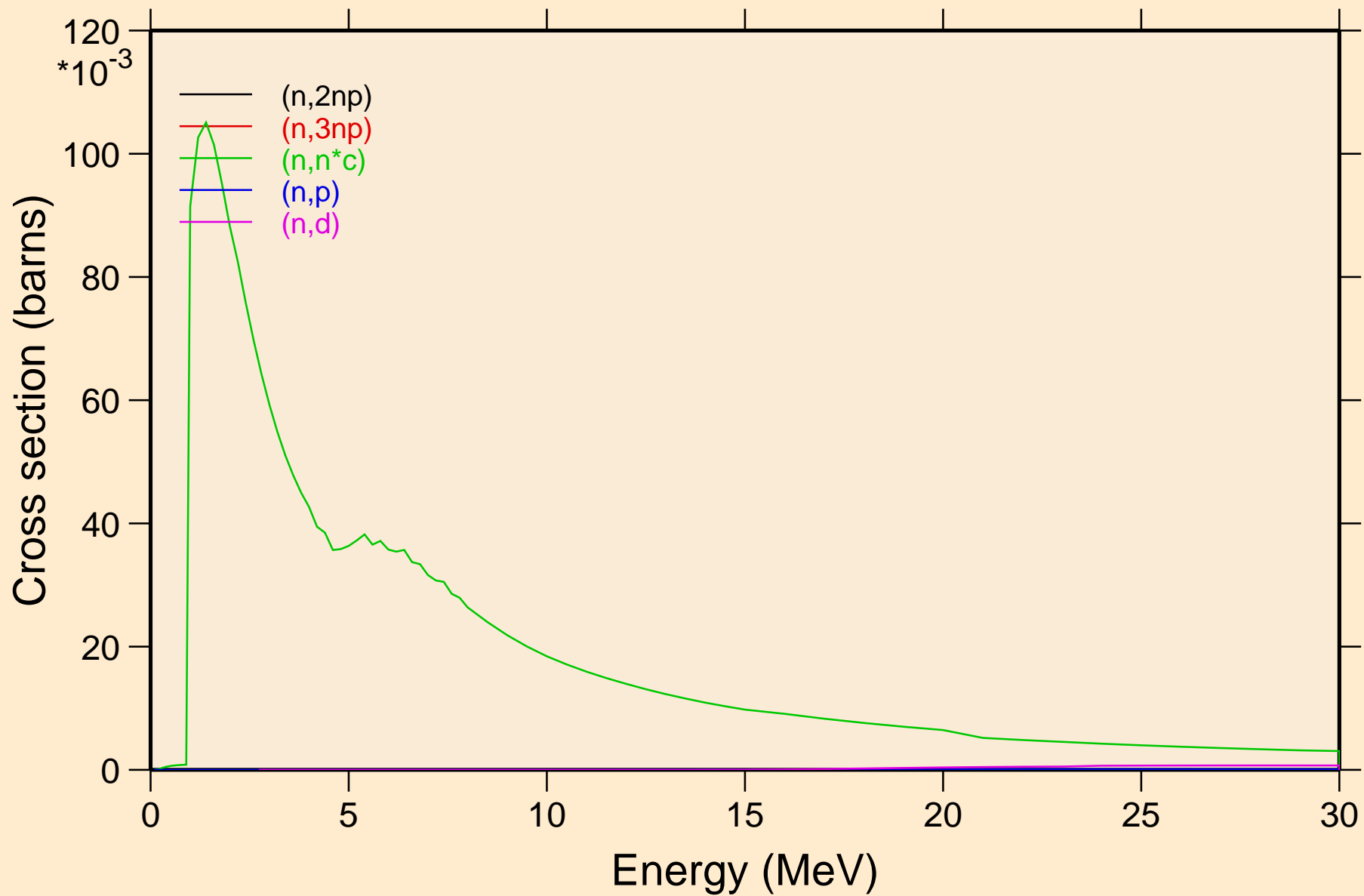
# SG270 NRG TENDL-2015, AKONING

## Threshold reactions



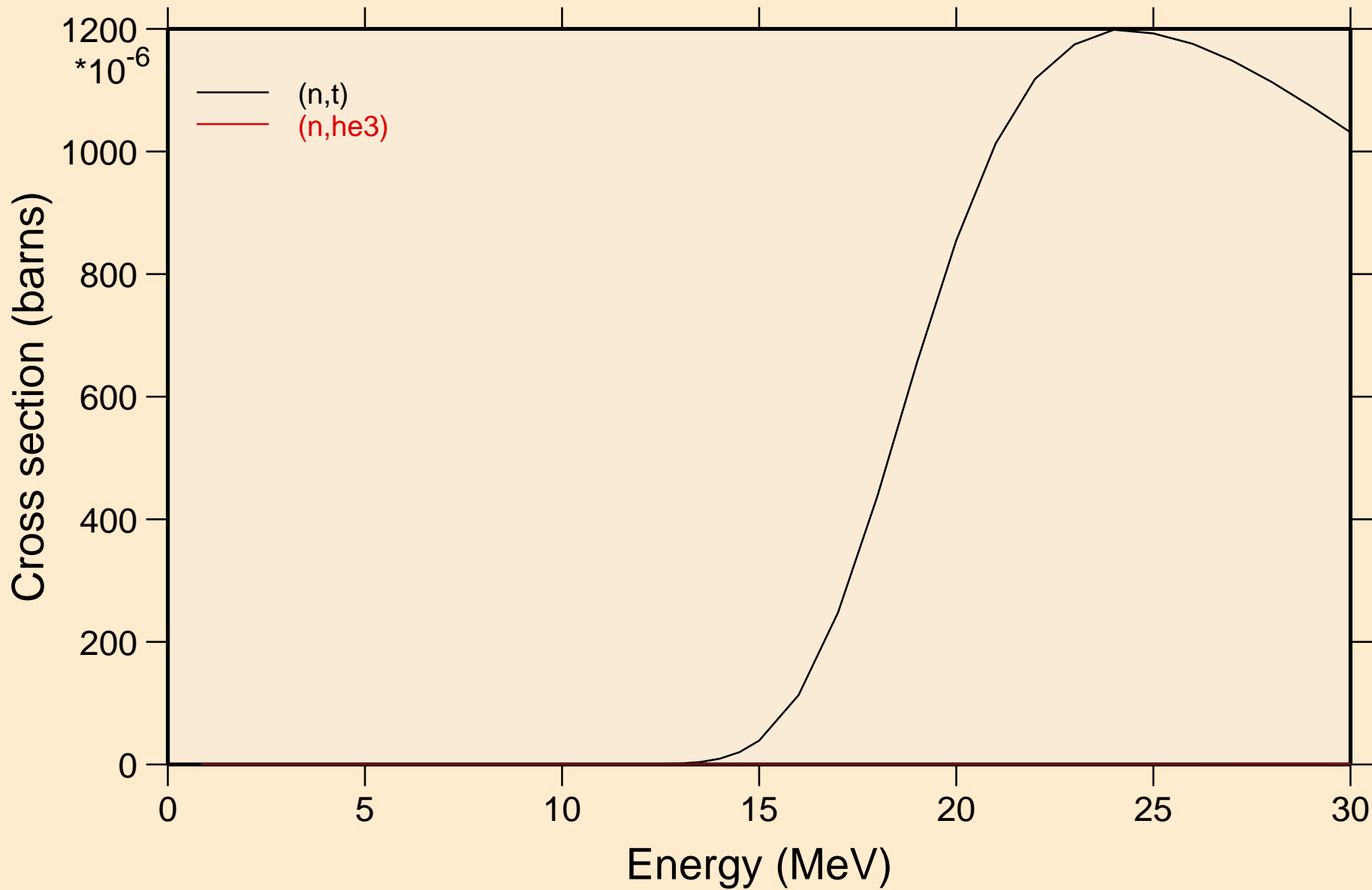
# SG270 NRG TENDL-2015, AKONING

## Threshold reactions

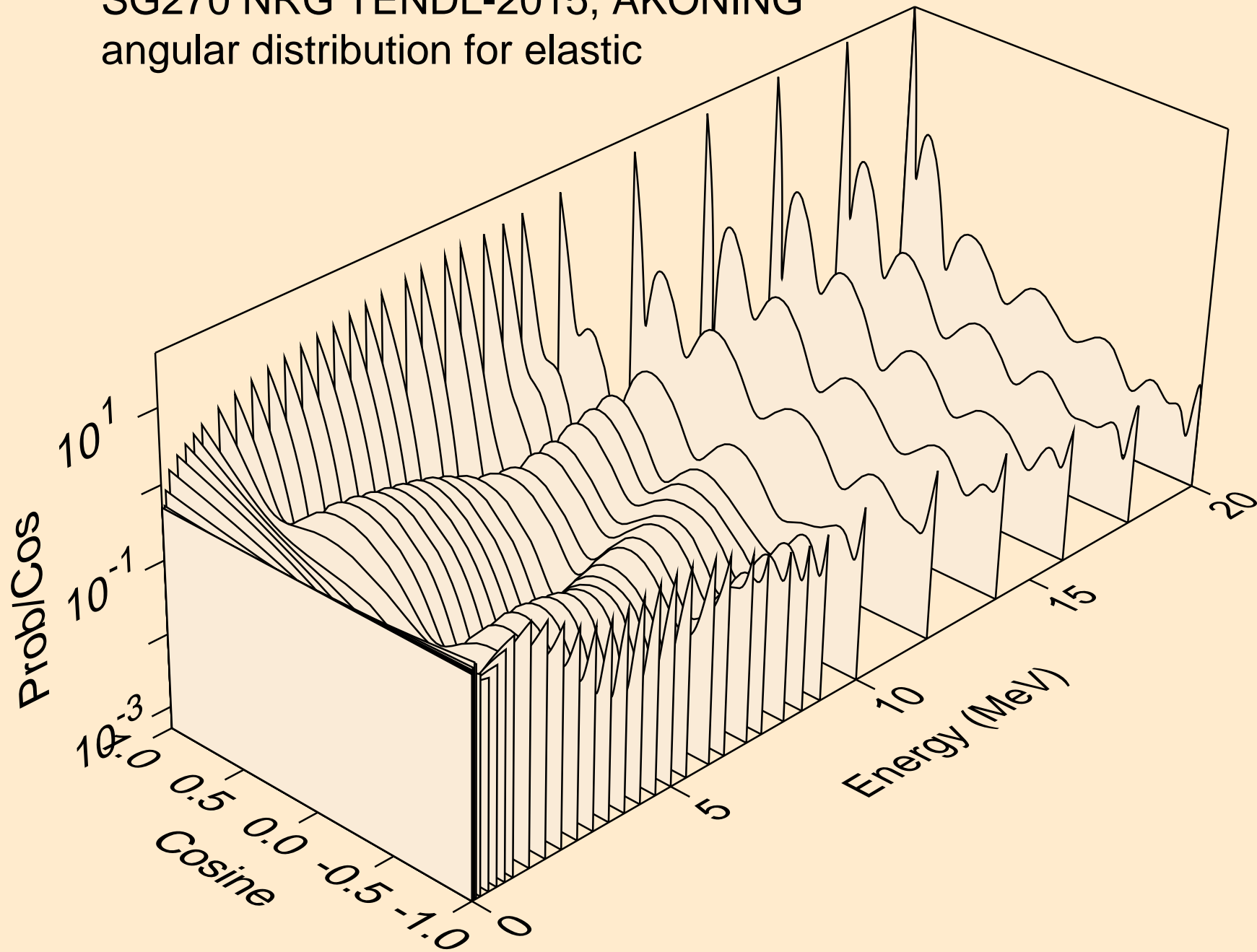


# SG270 NRG TENDL-2015, AKONING

## Threshold reactions

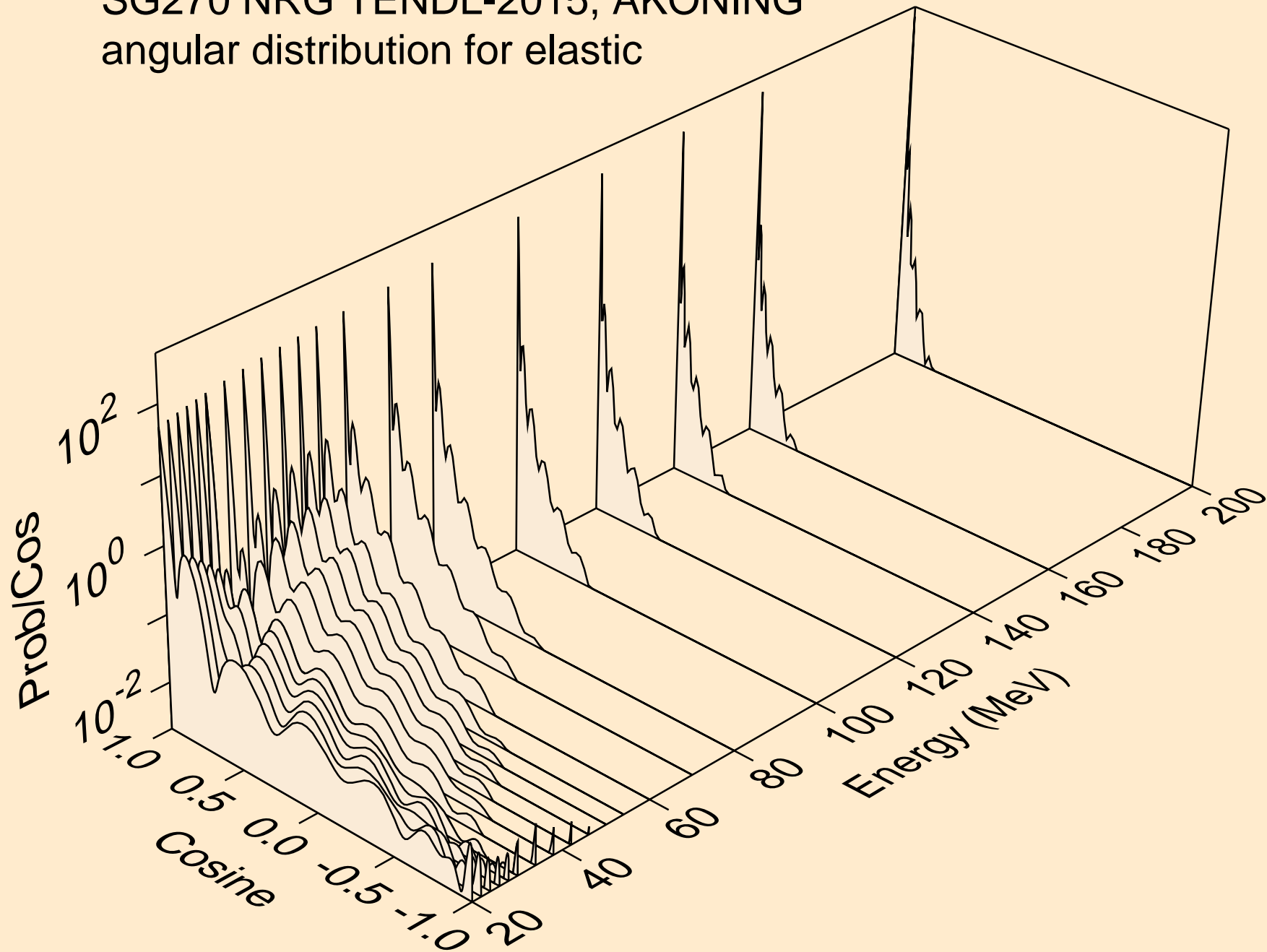


SG270 NRG TENDL-2015, AKONING  
angular distribution for elastic

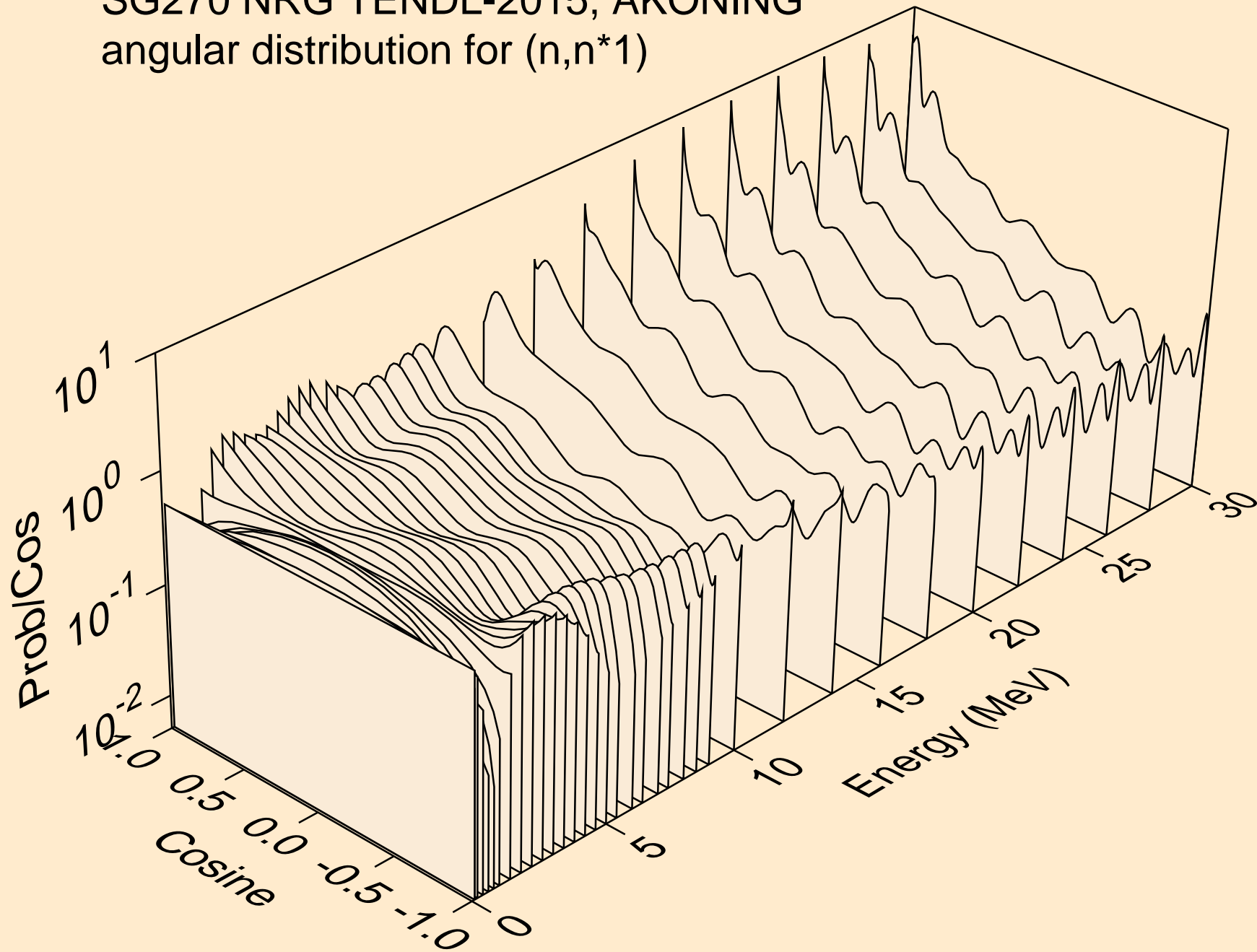




SG270 NRG TENDL-2015, AKONING  
angular distribution for elastic

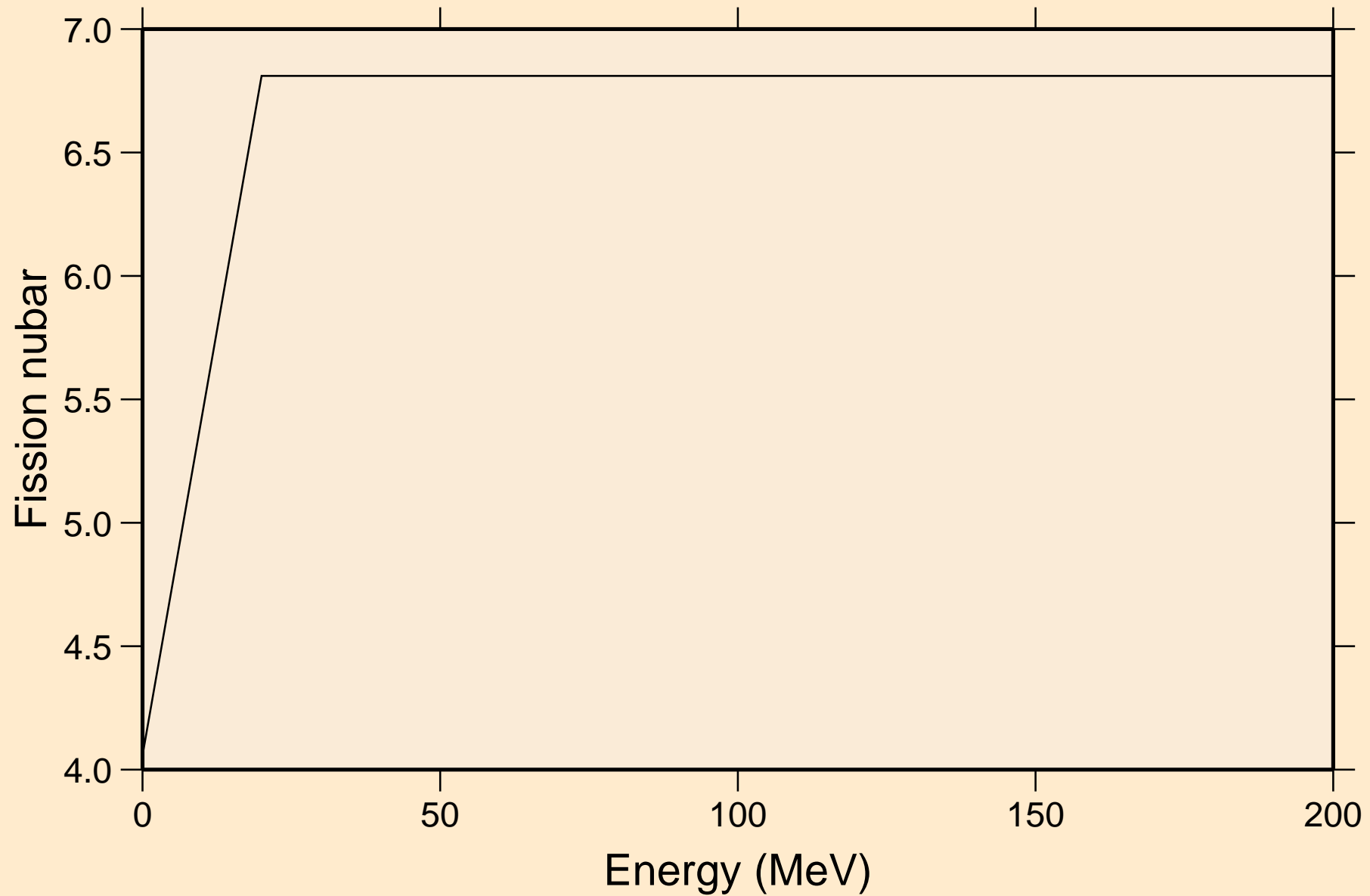


SG270 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

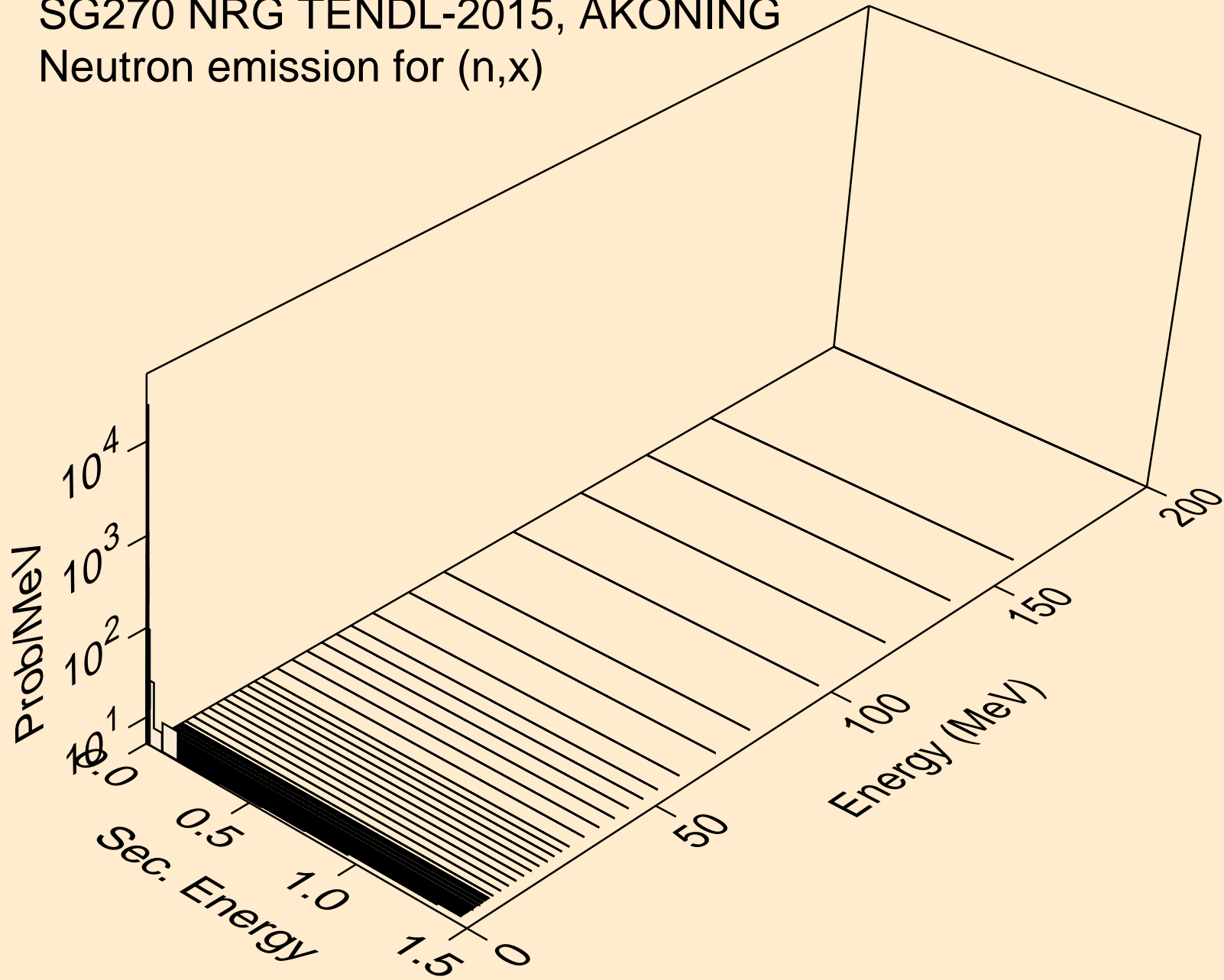


# SG270 NRG TENDL-2015, AKONING

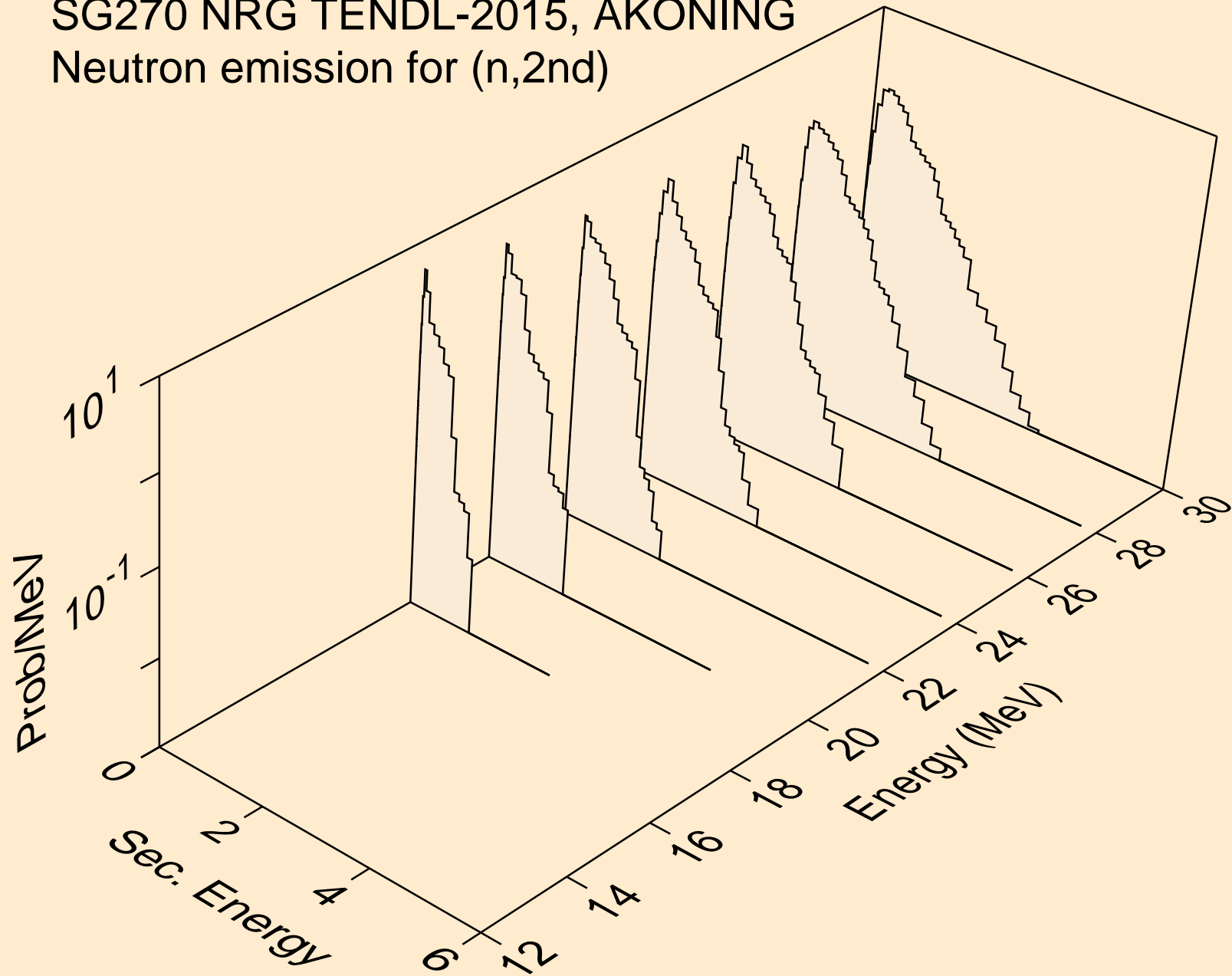
Total fission nubar



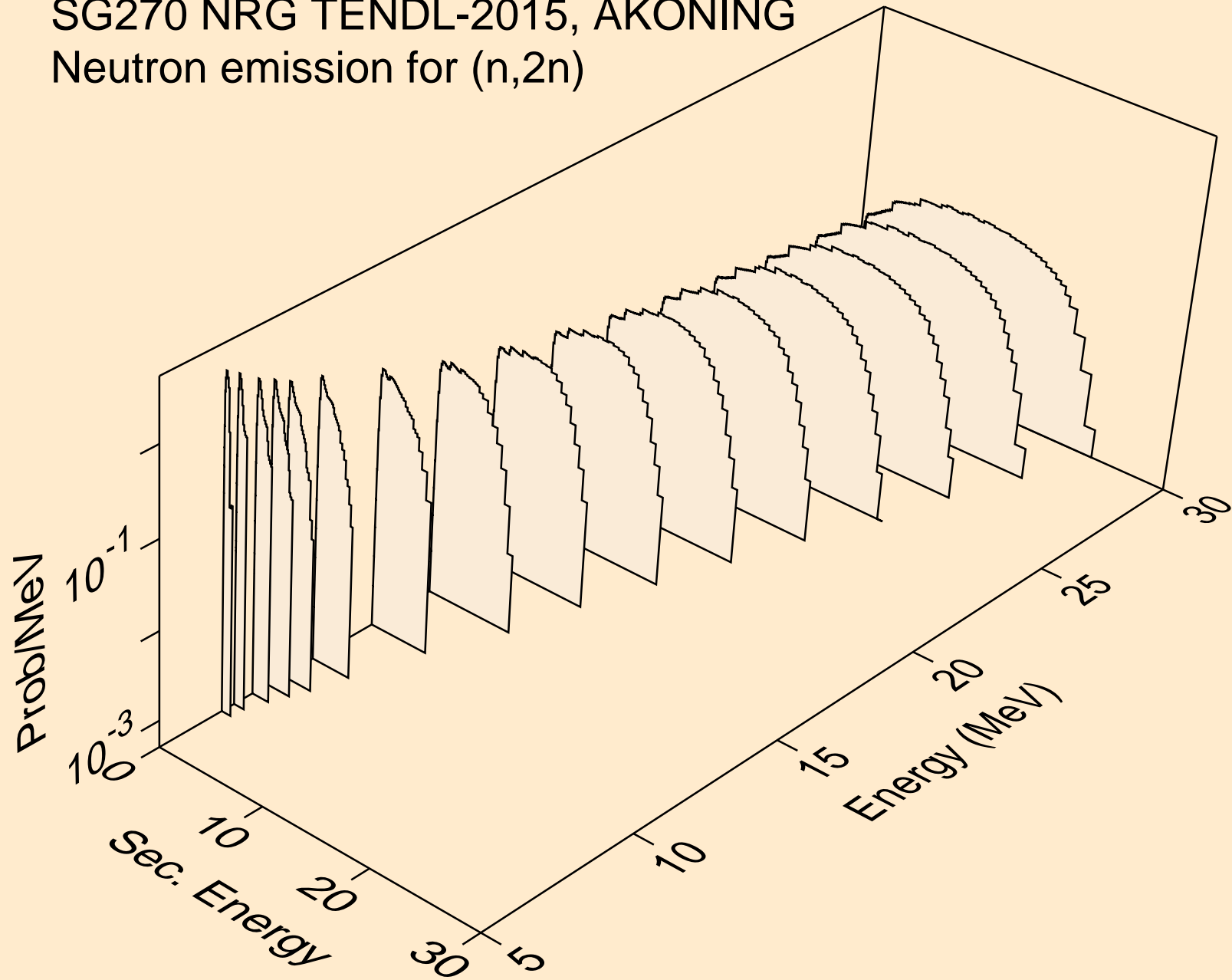
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



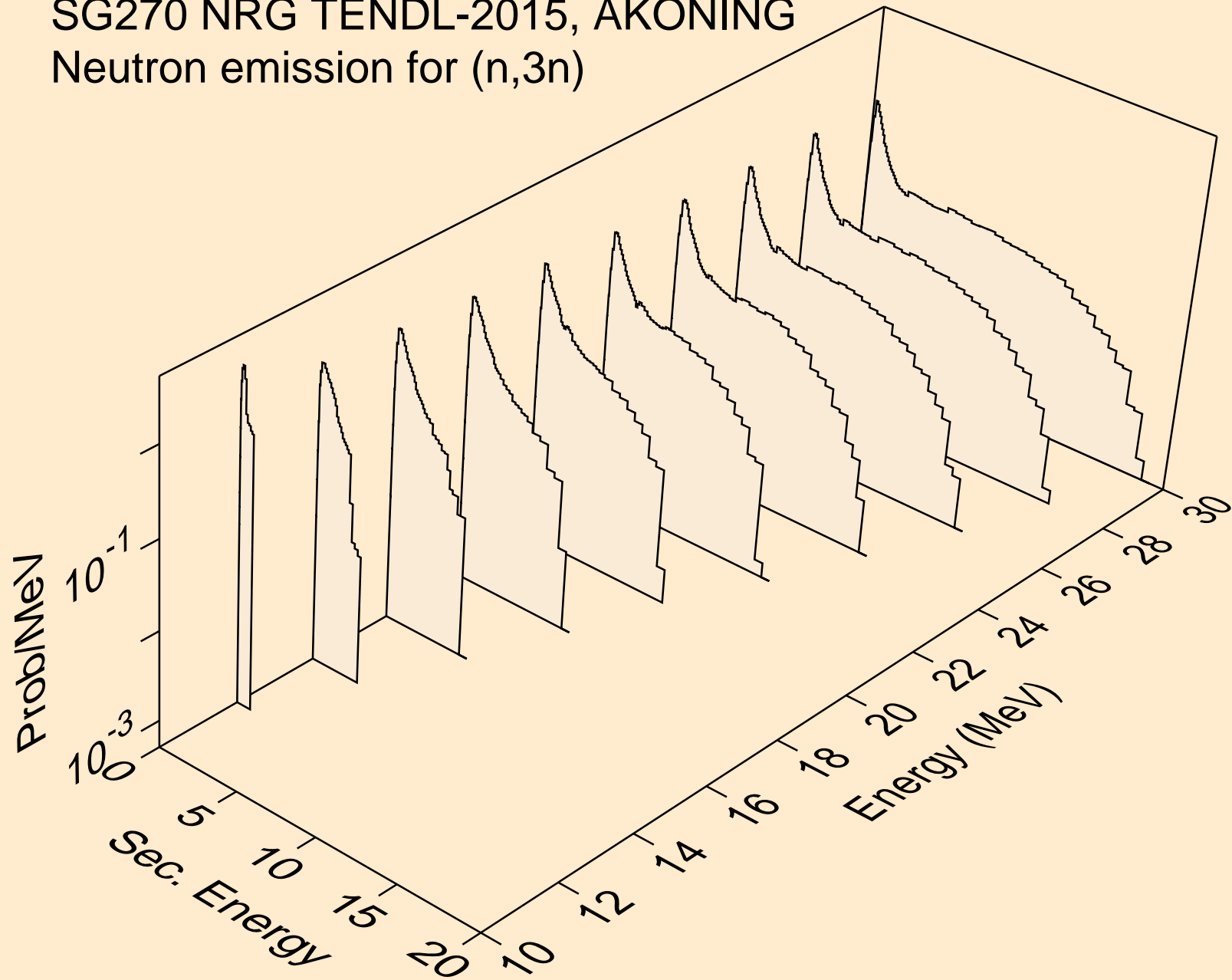
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



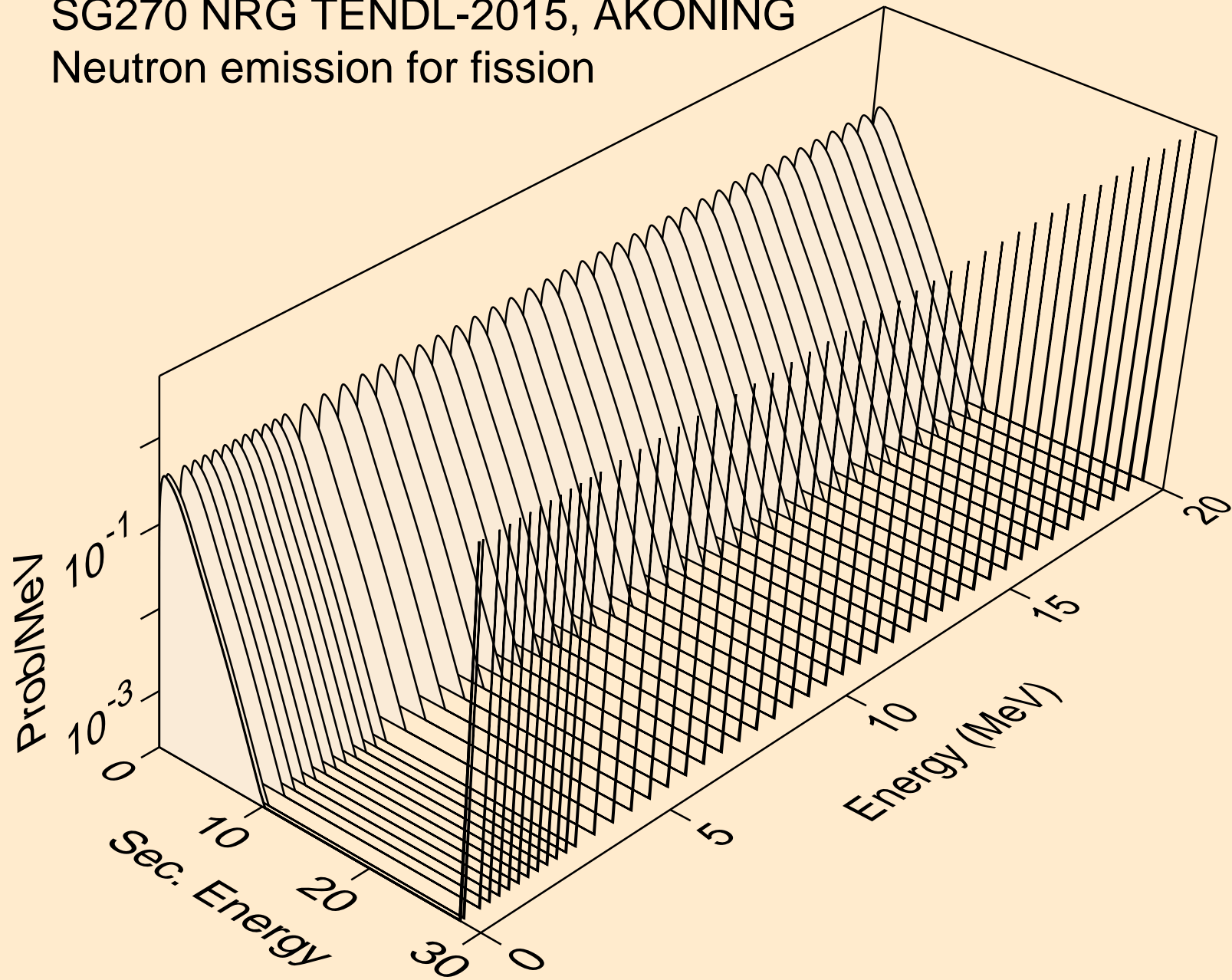
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

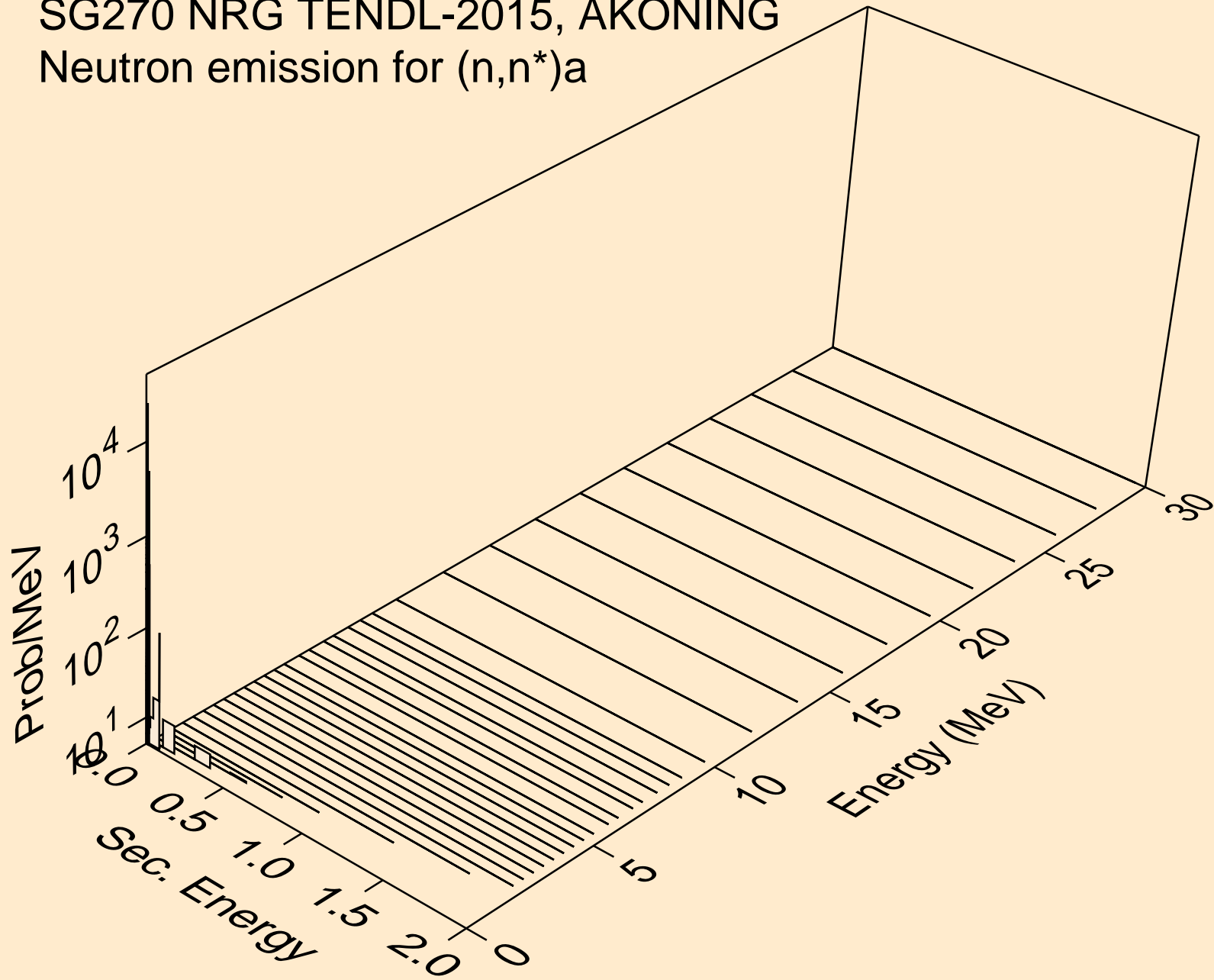


SG270 NRG TENDL-2015, AKONING  
Neutron emission for fission

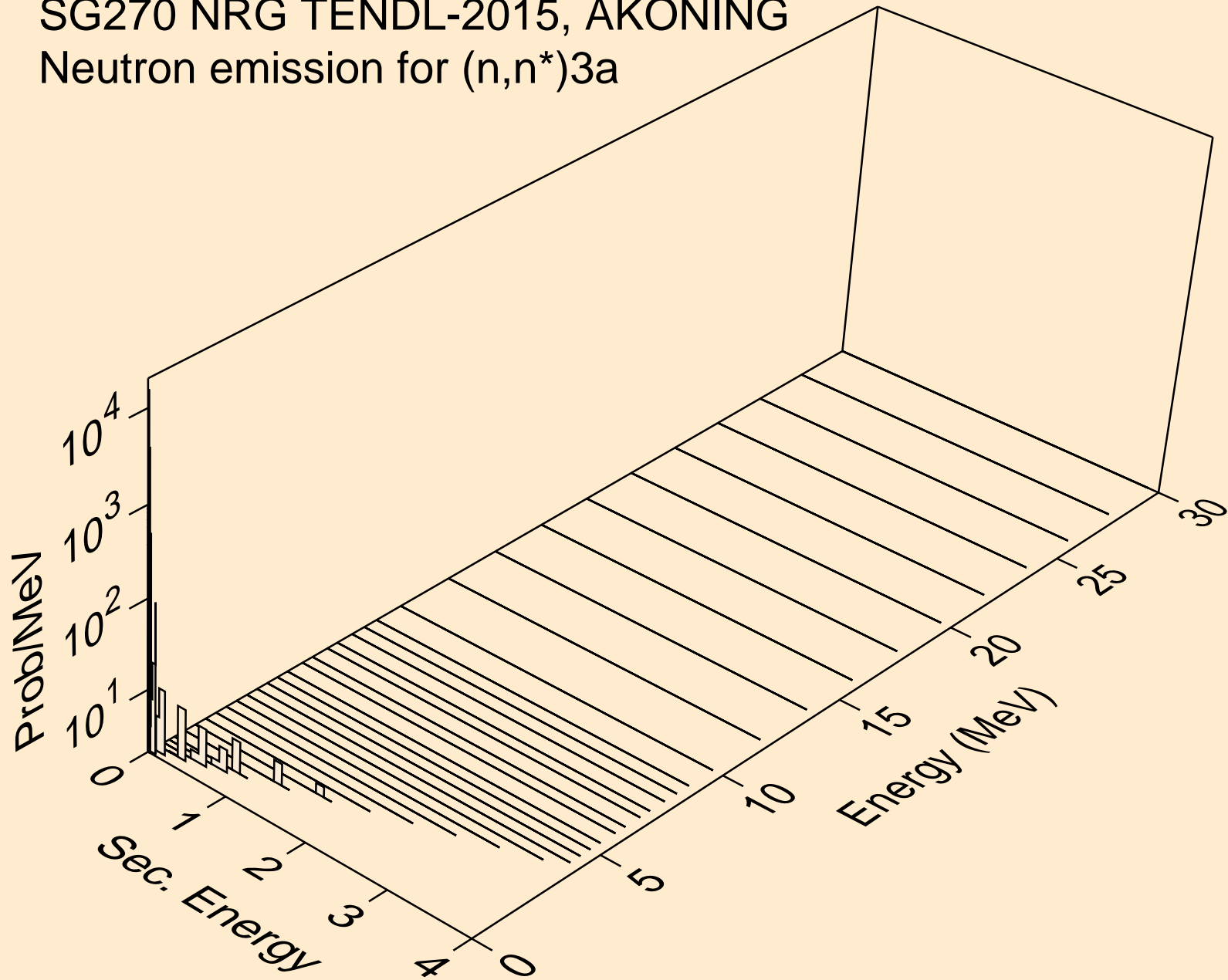




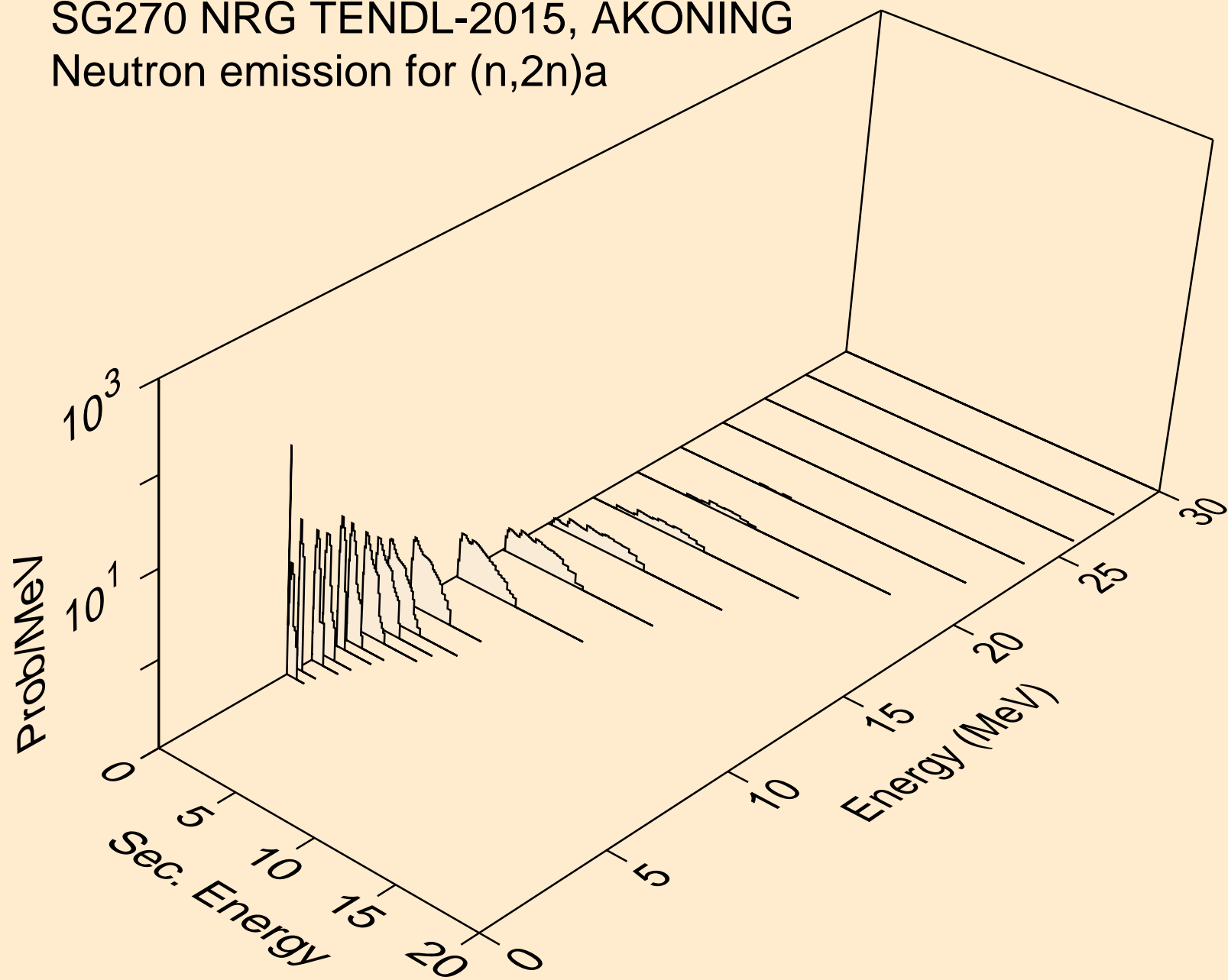
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



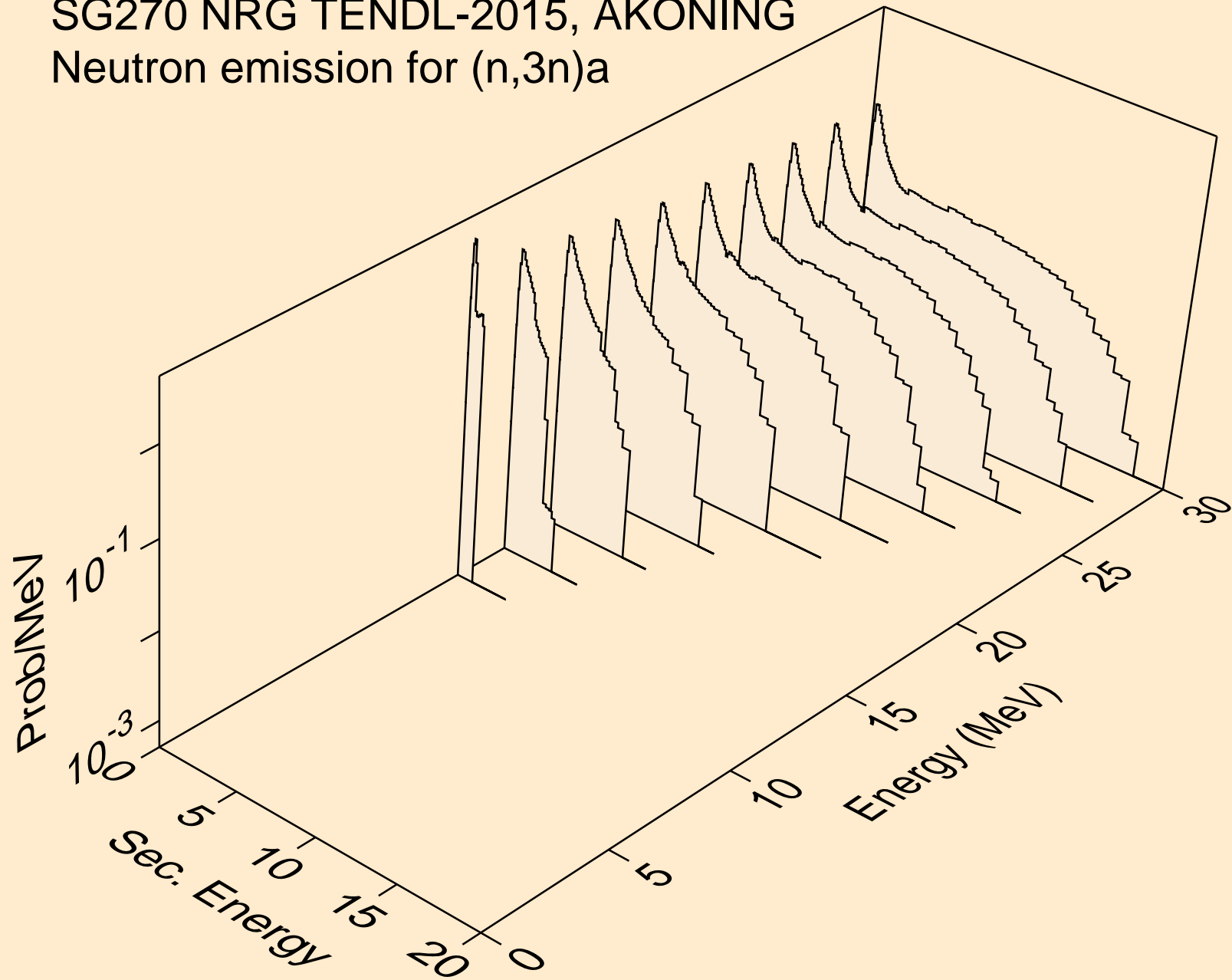
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



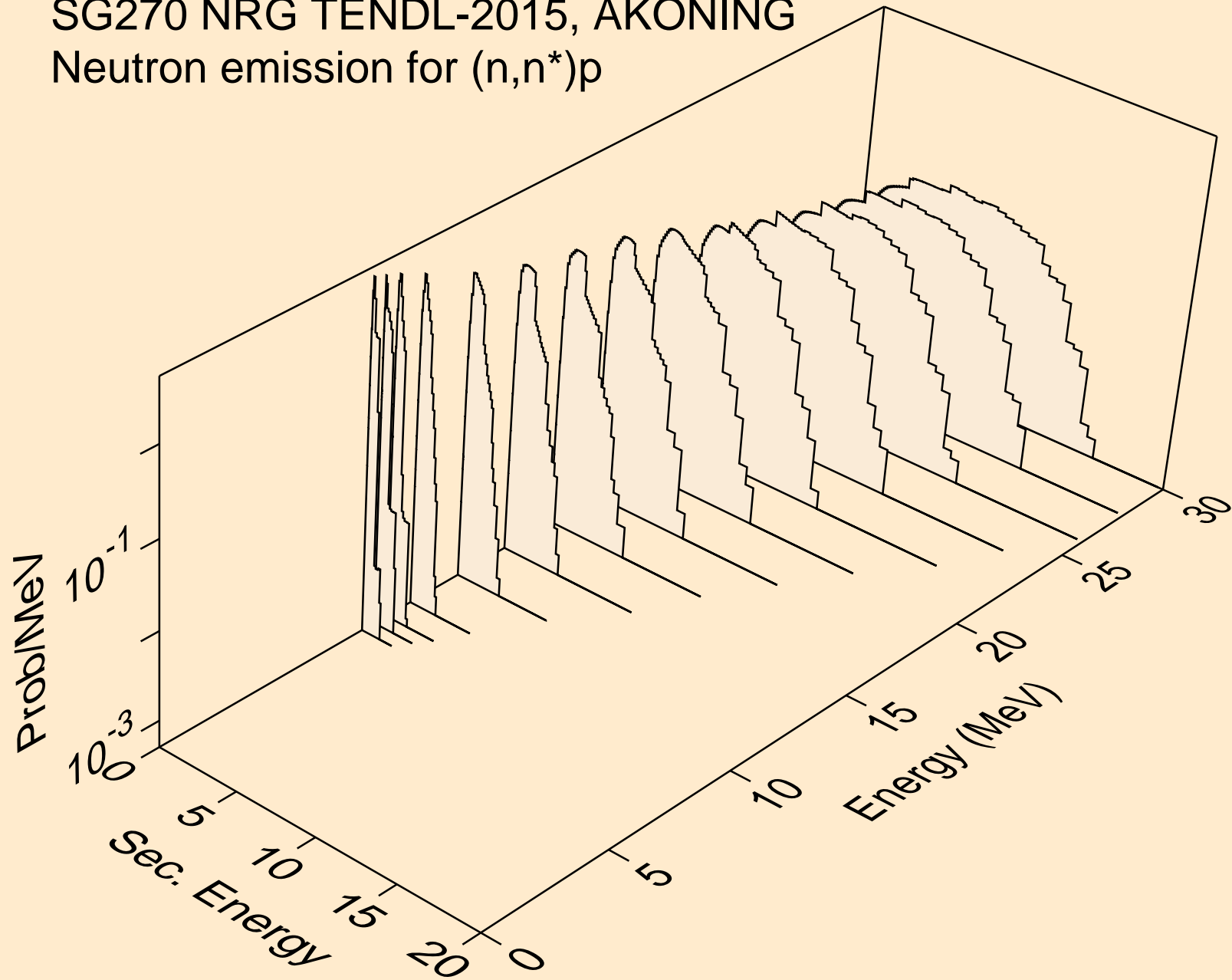
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



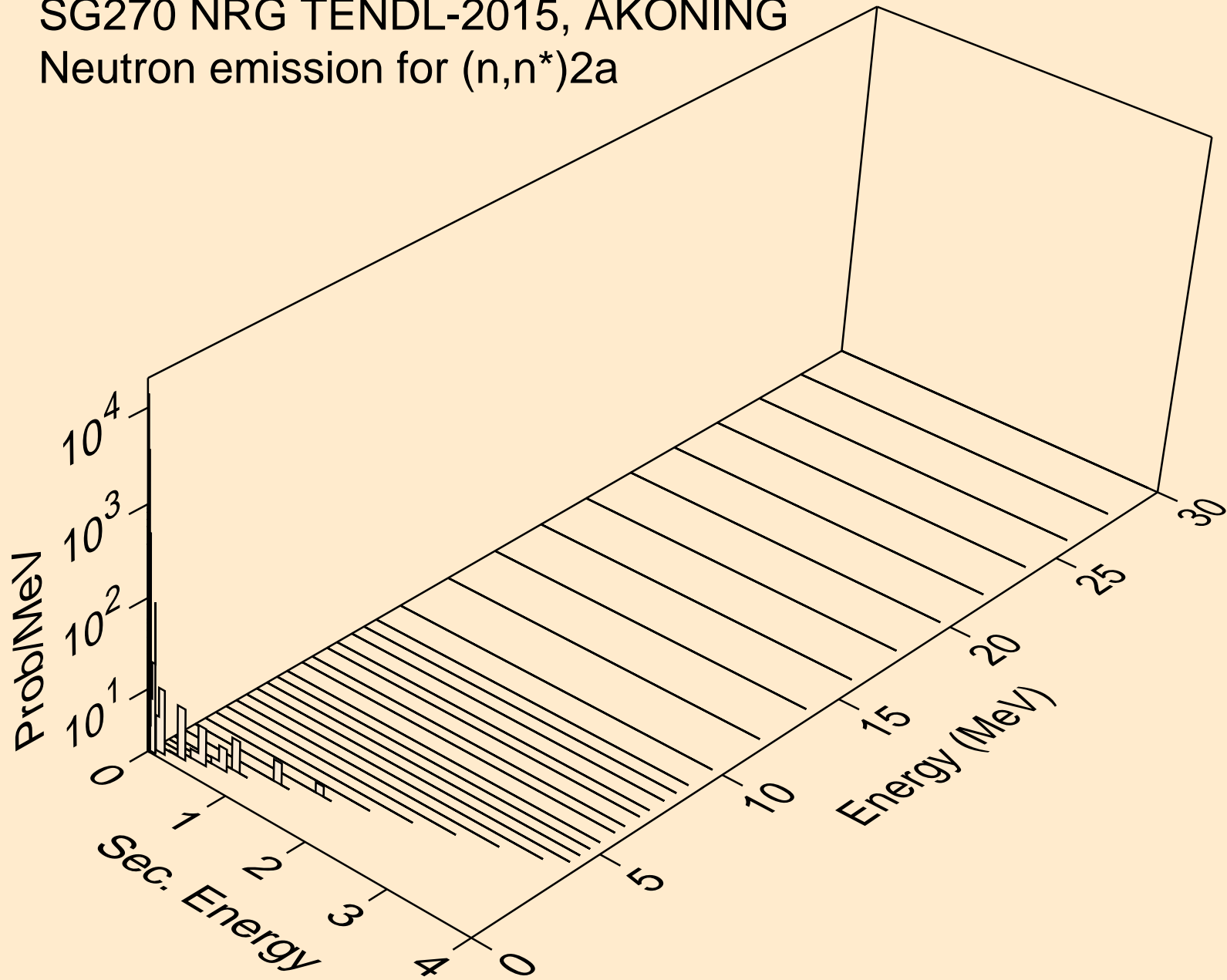
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



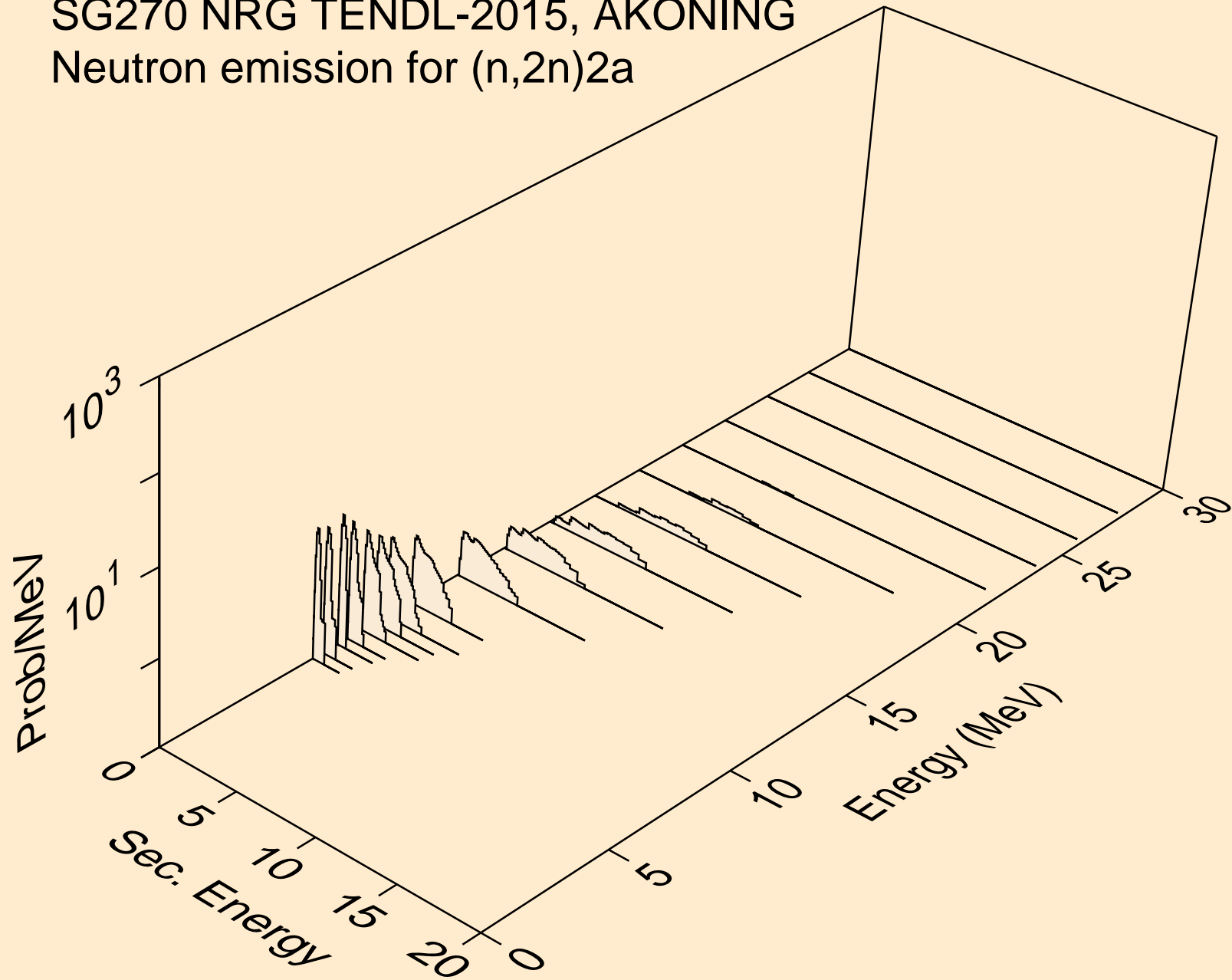
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



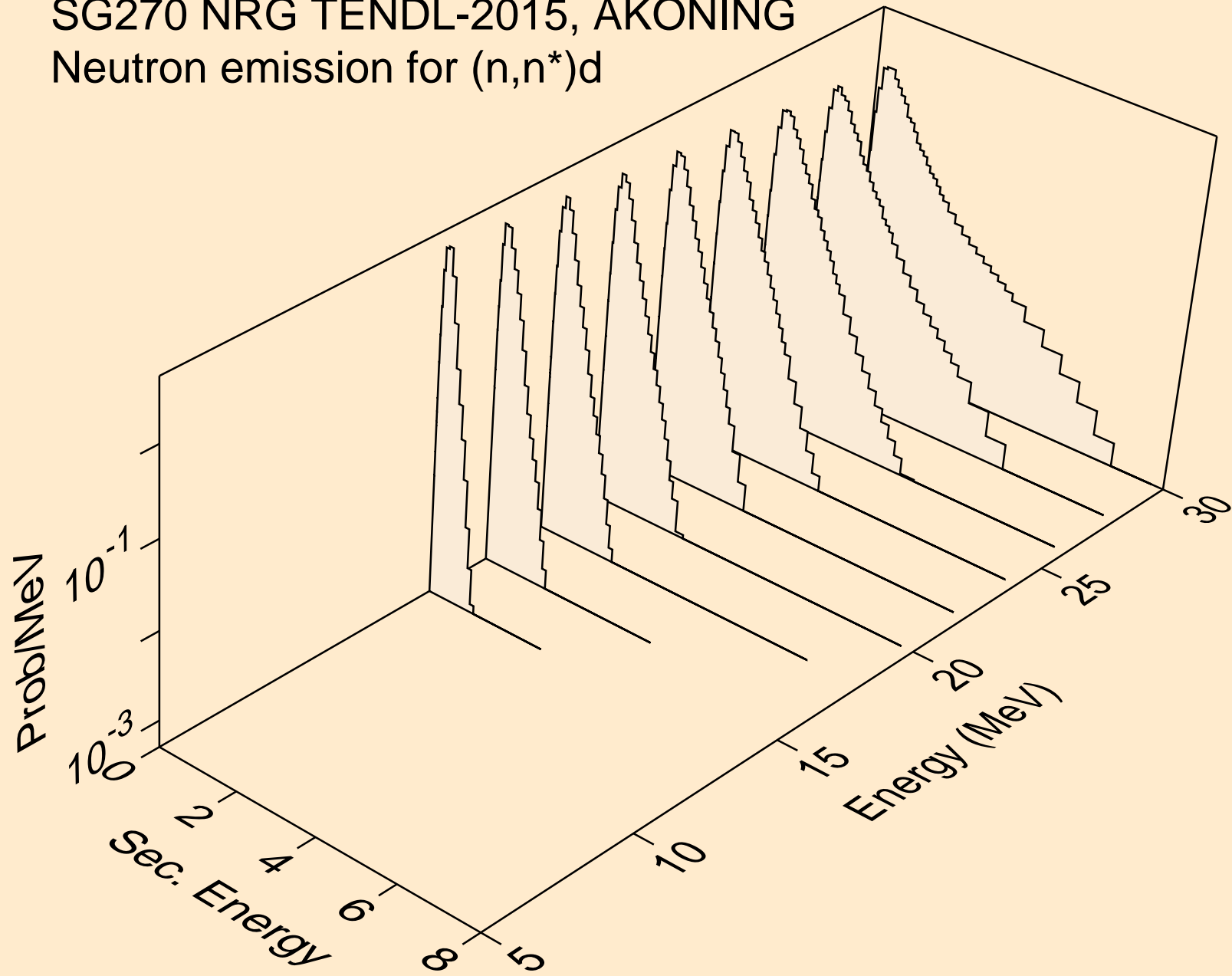
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

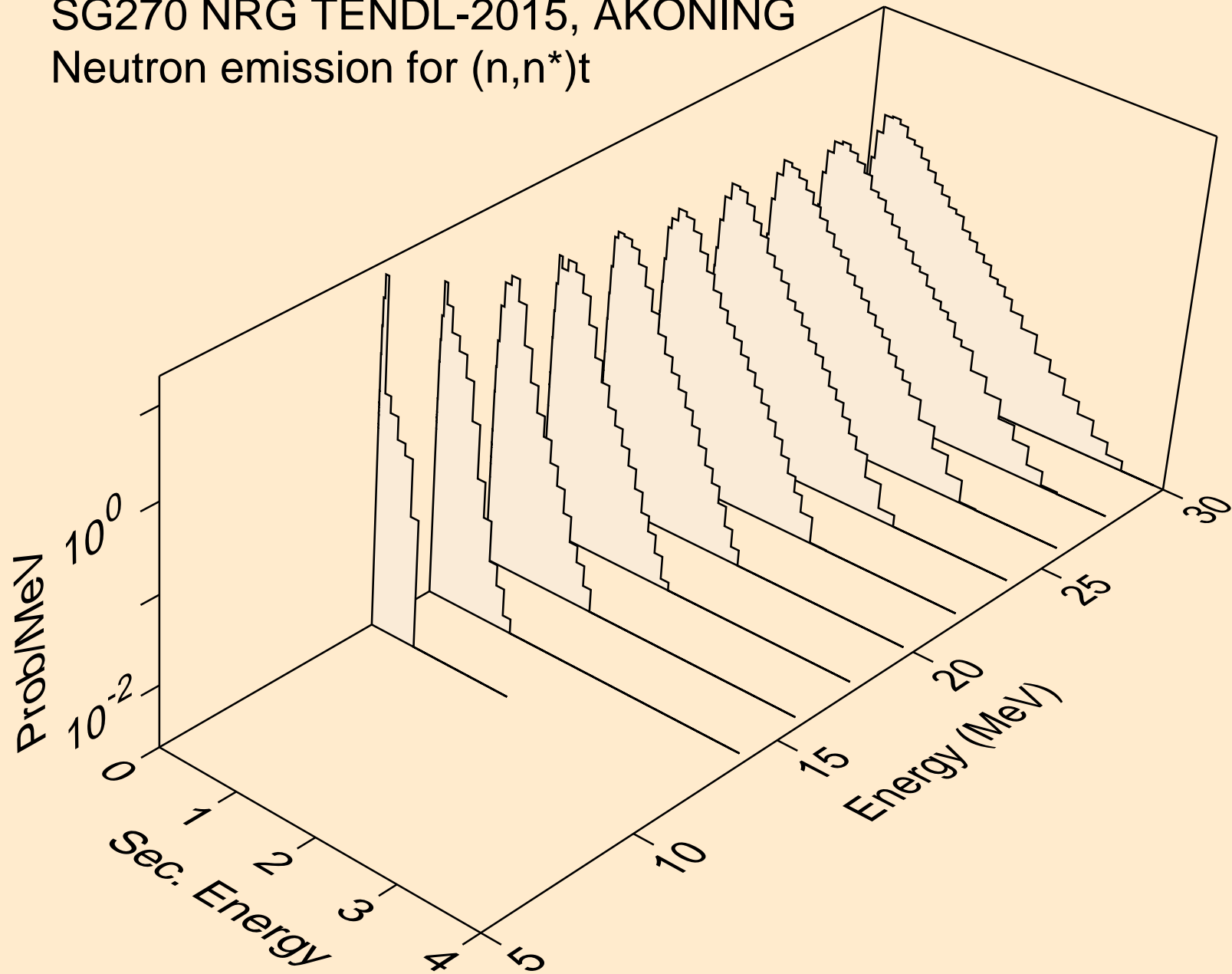


SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

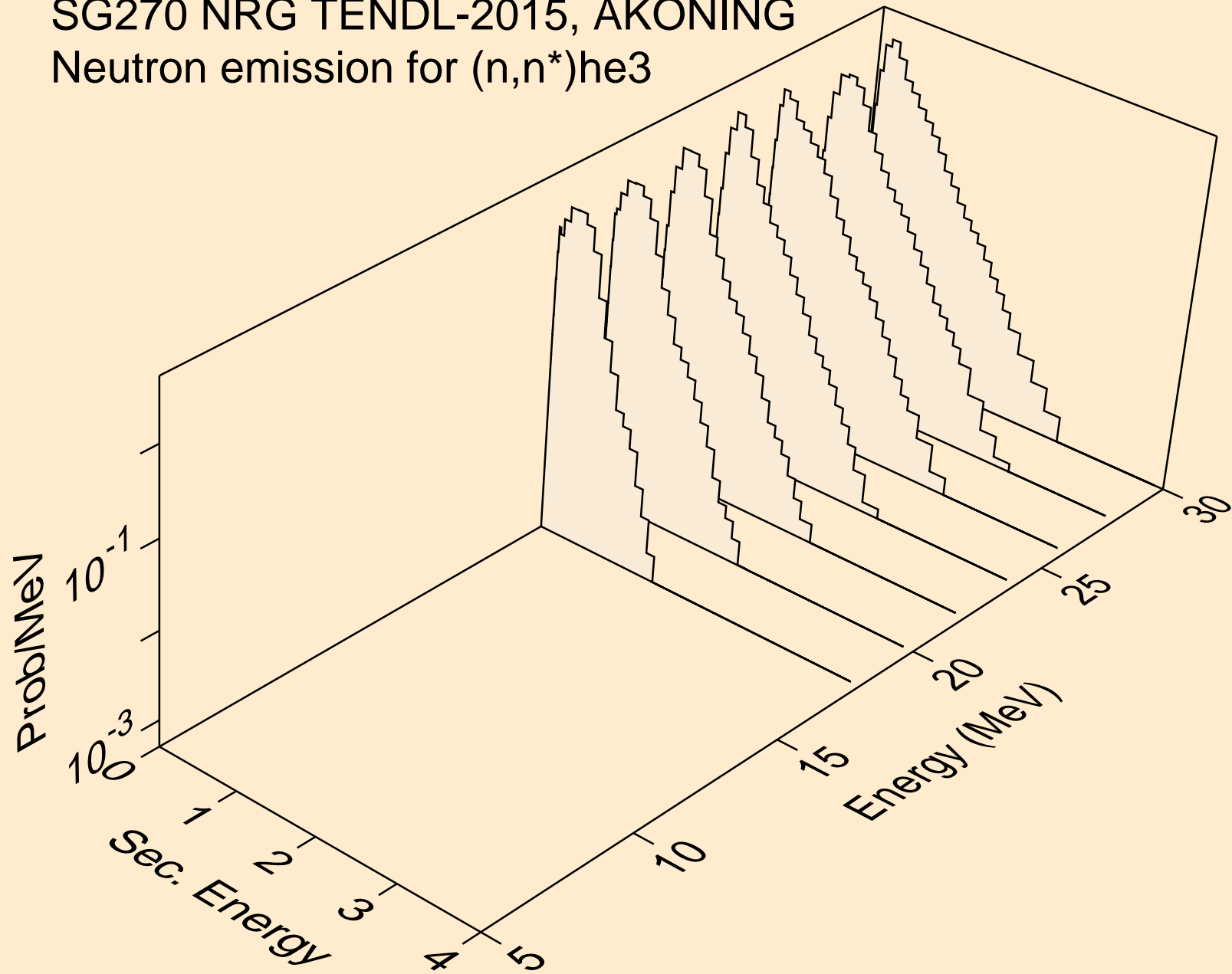




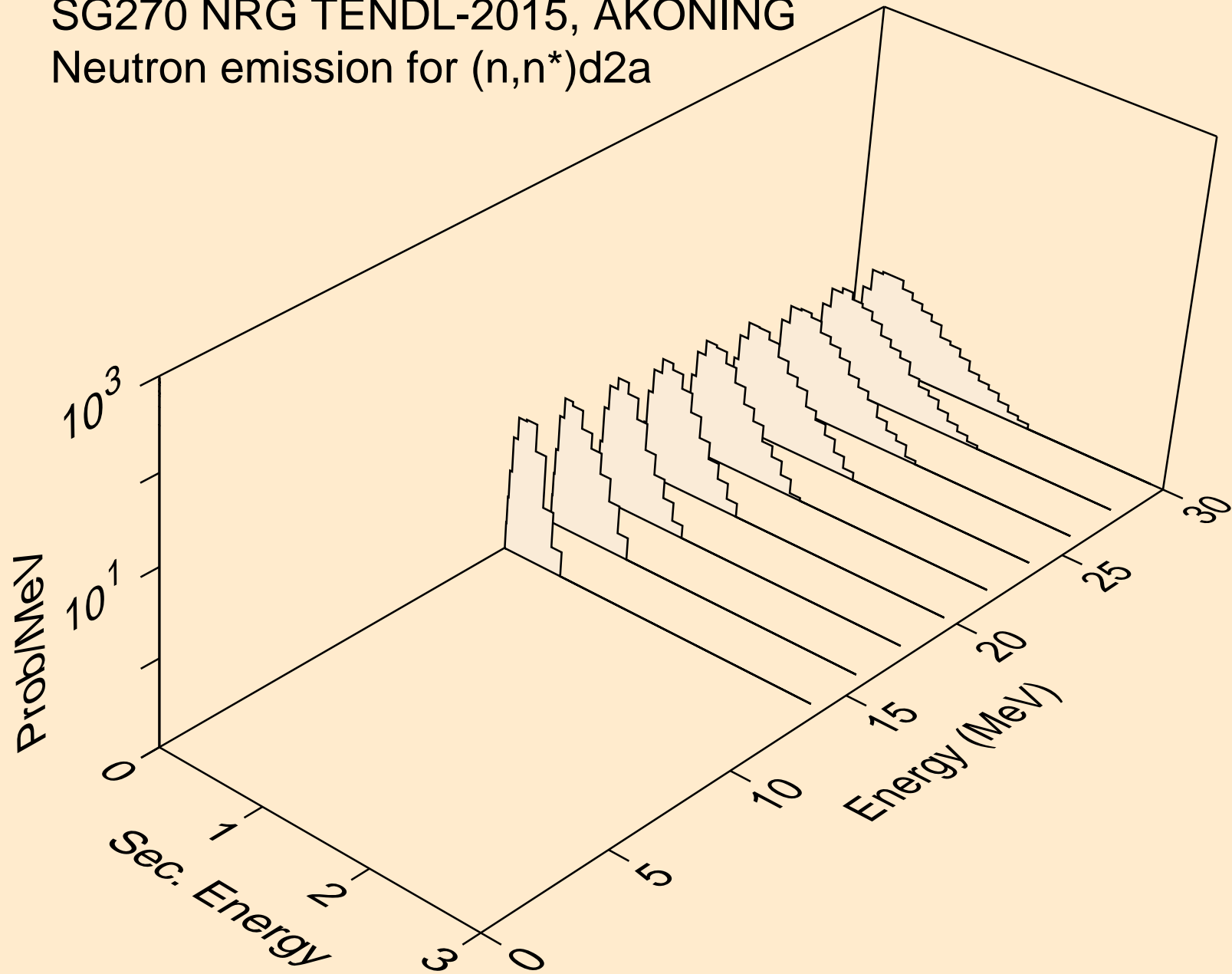
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



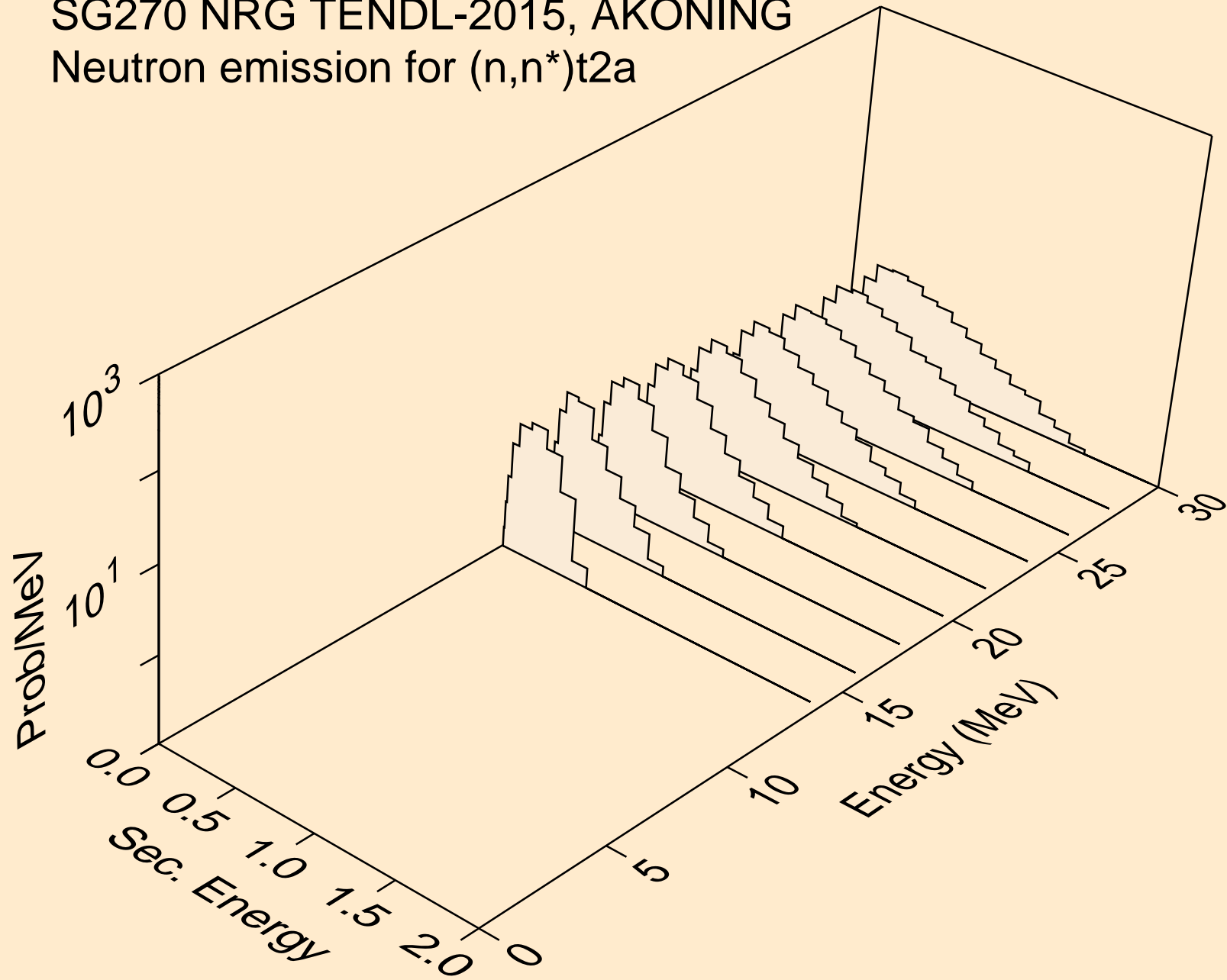
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



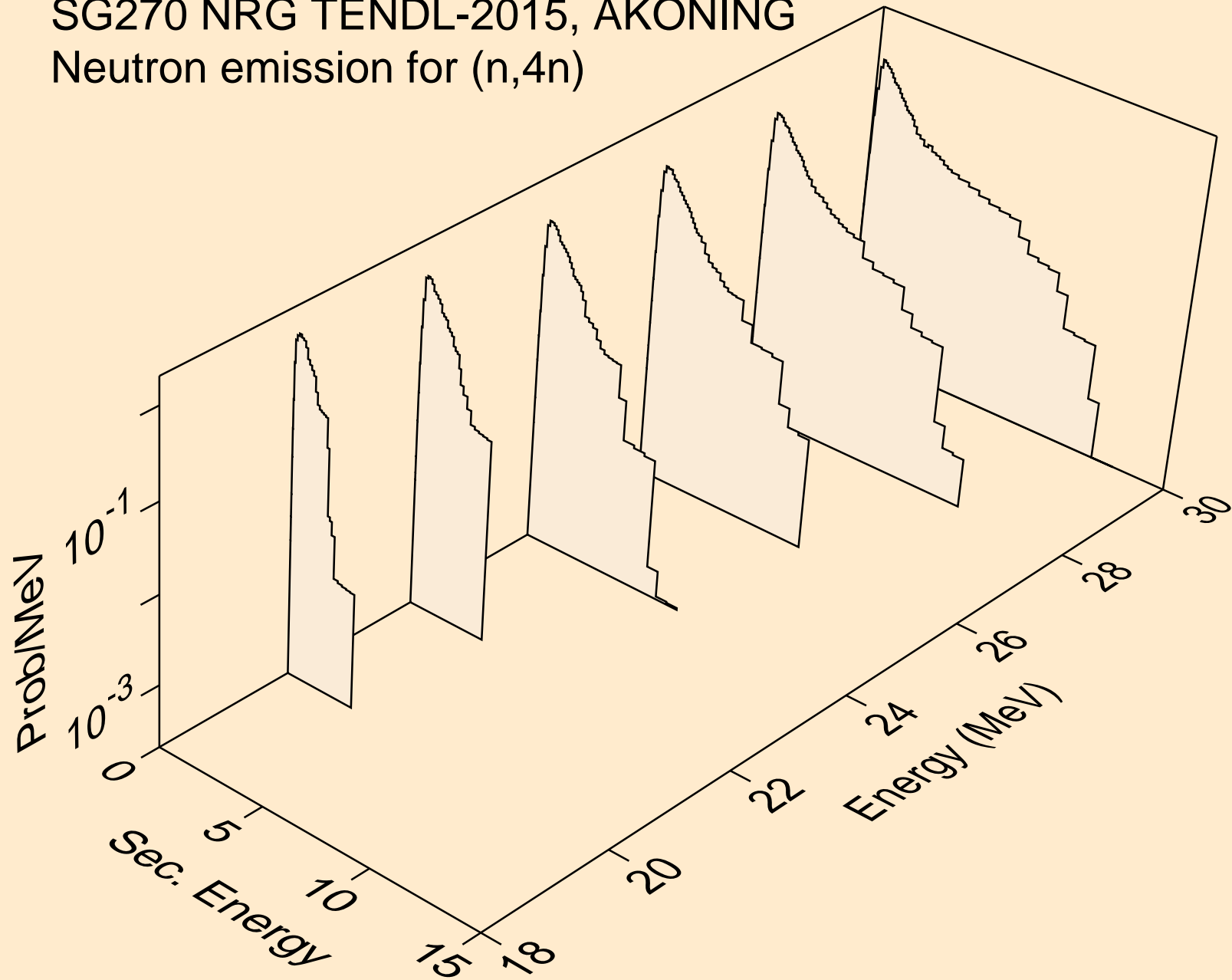
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



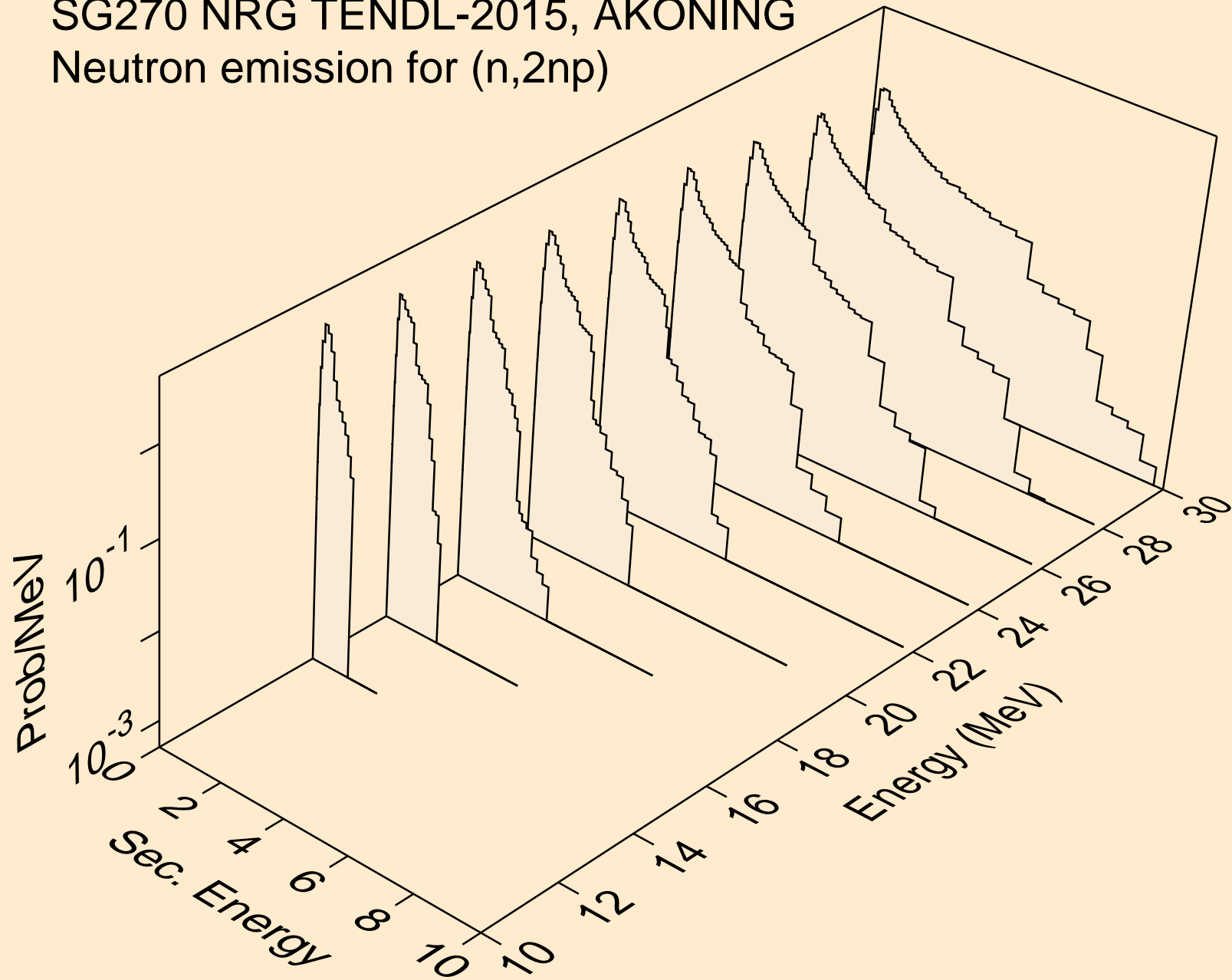
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



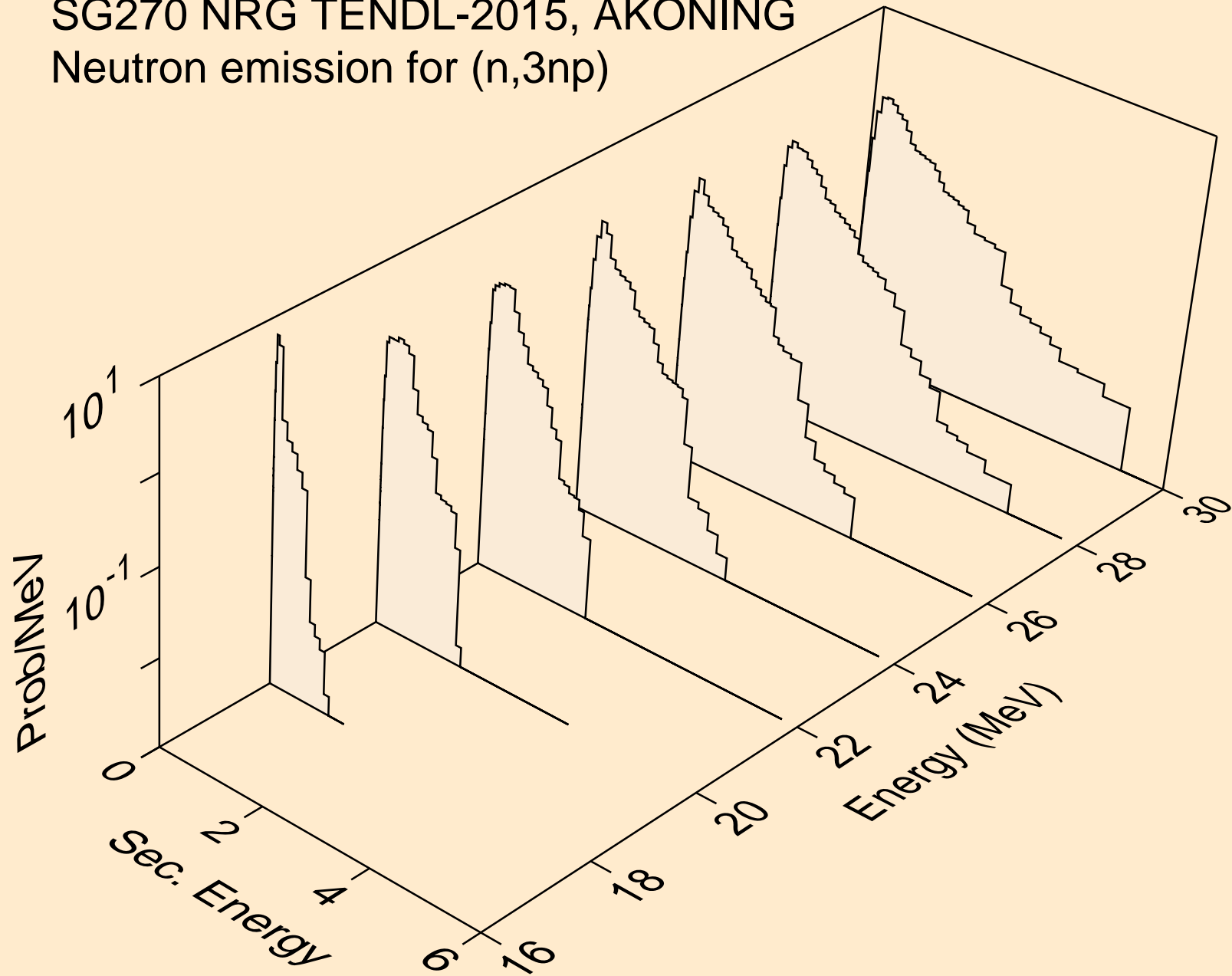
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



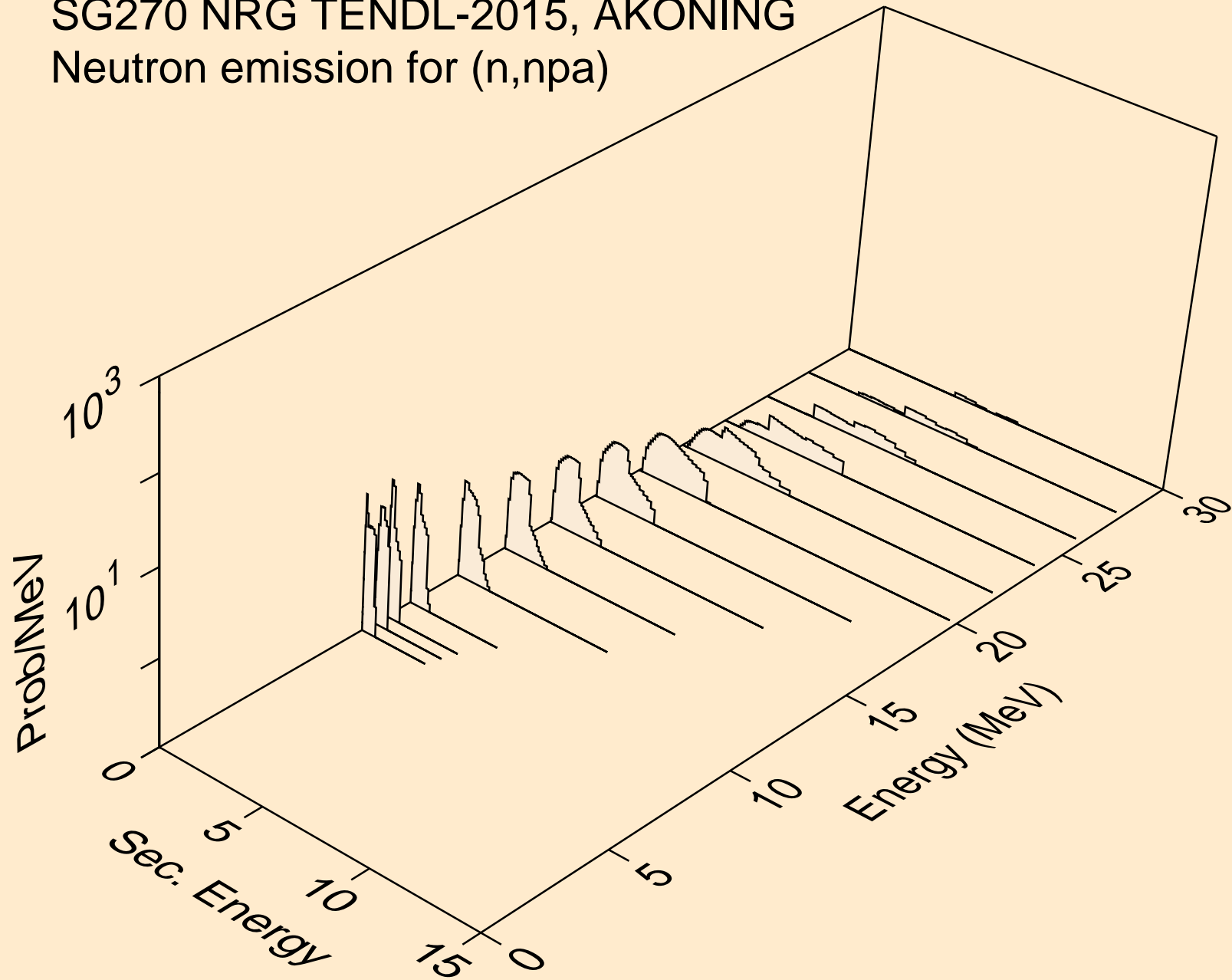
SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

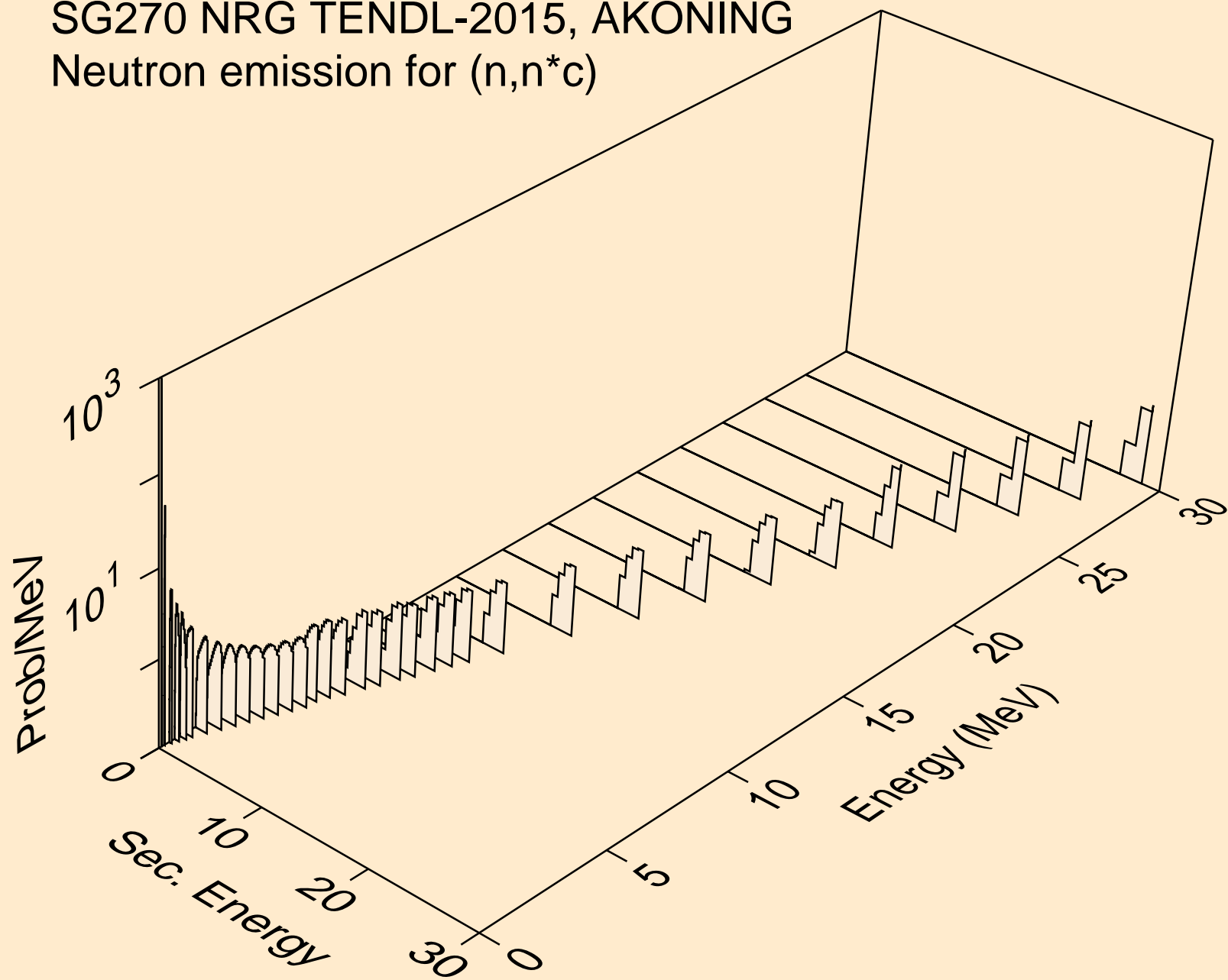


SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



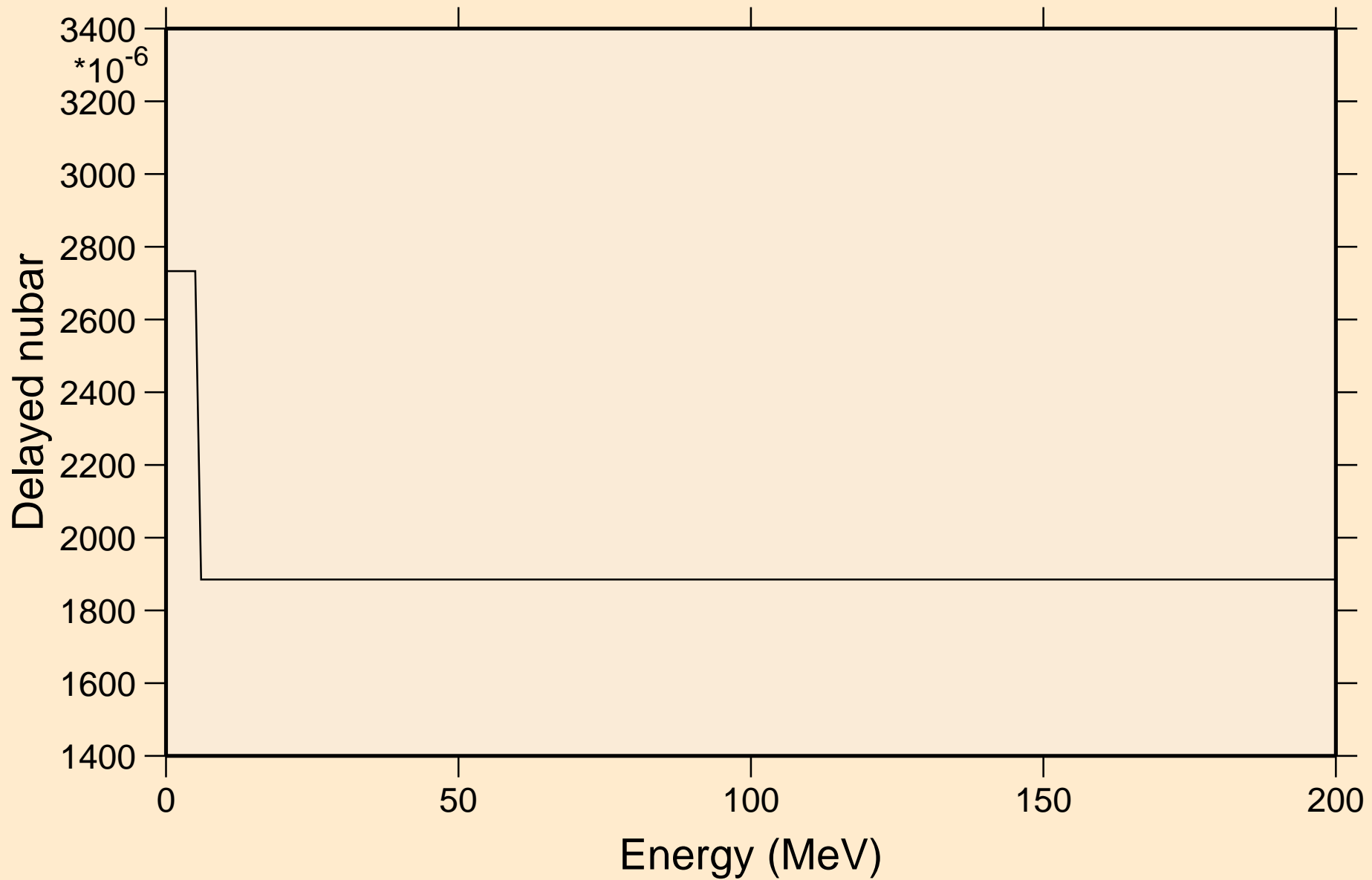


SG270 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



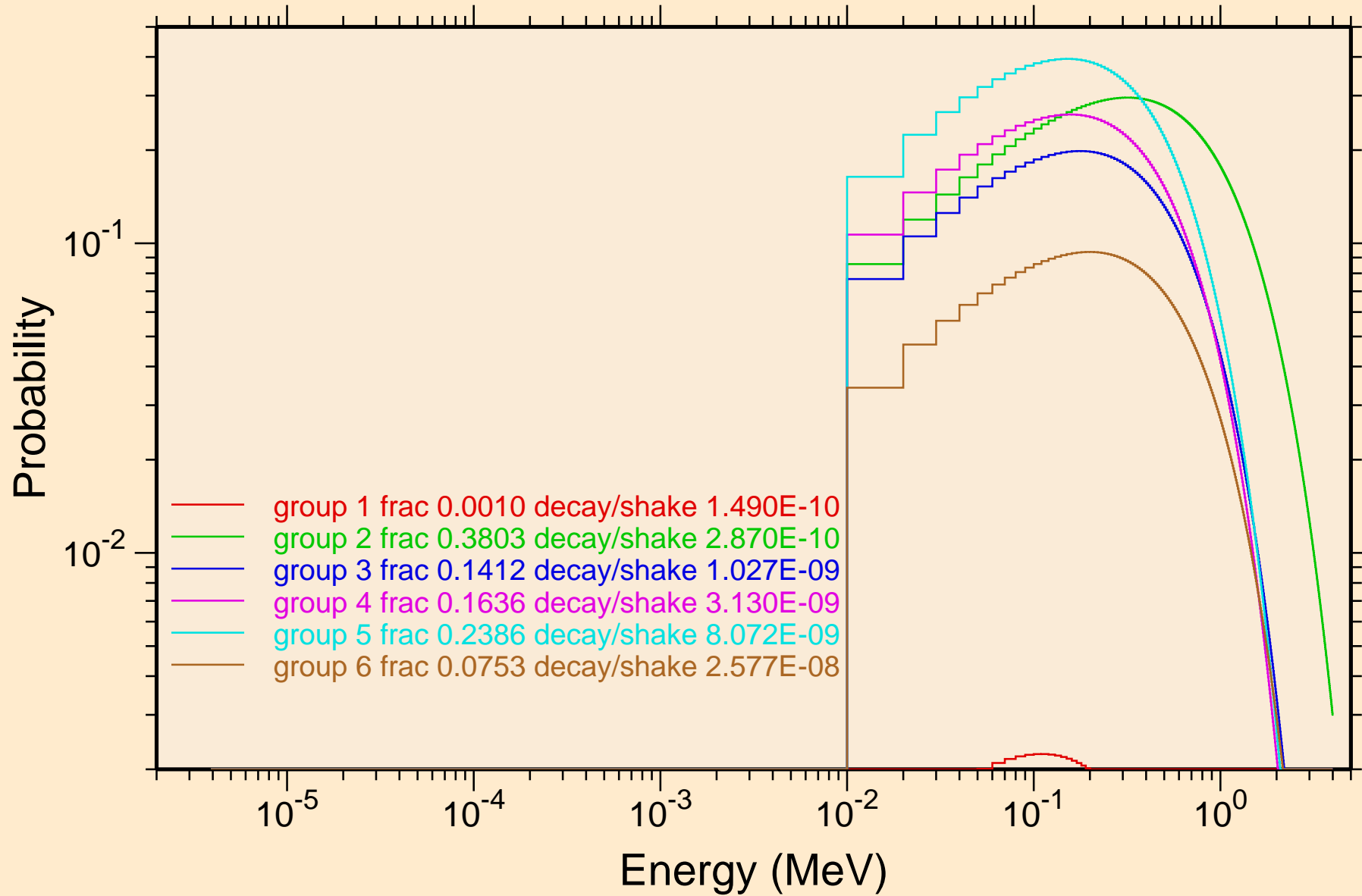
# SG270 NRG TENDL-2015, AKONING

## Delayed nubar

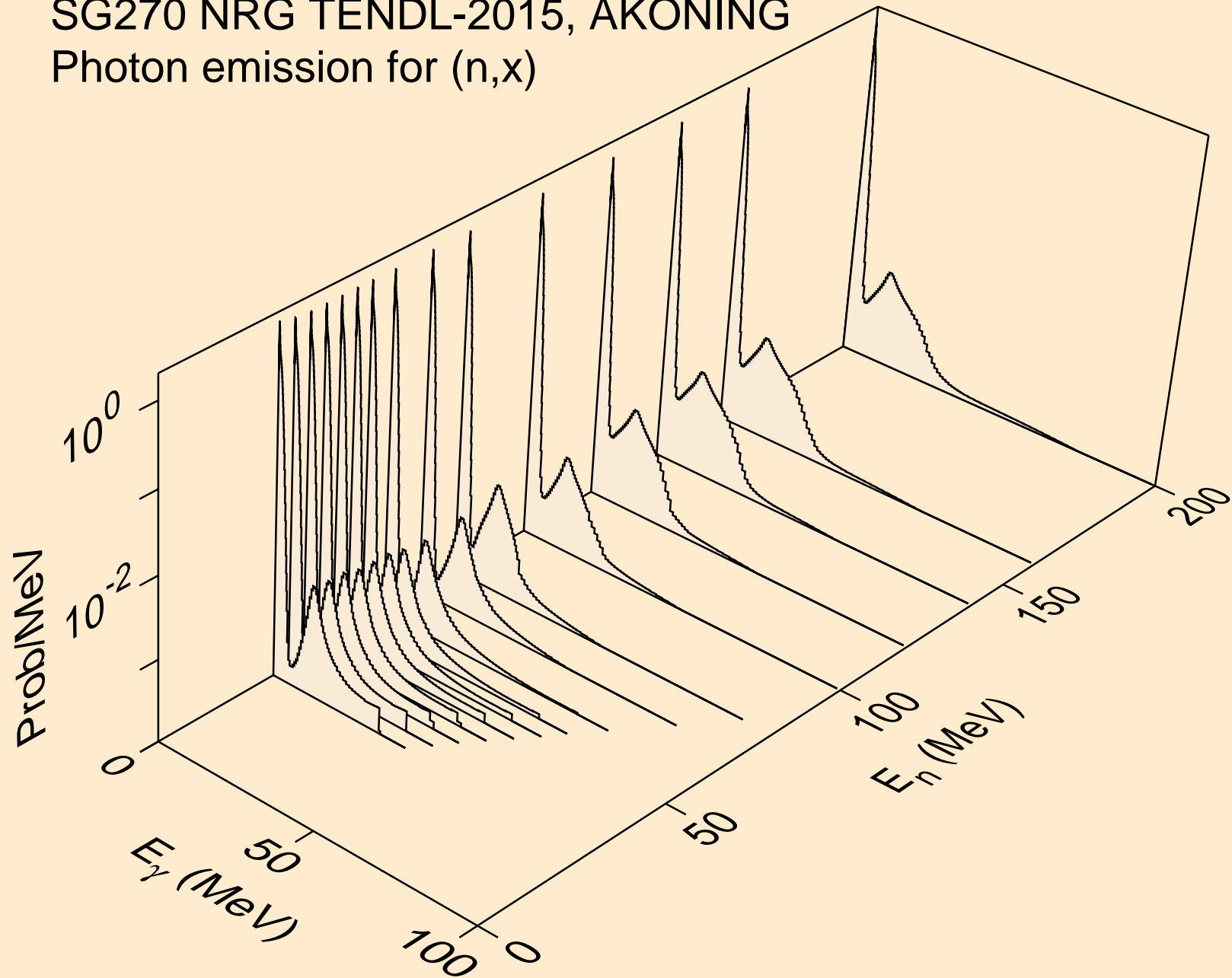


# SG270 NRG TENDL-2015, AKONING

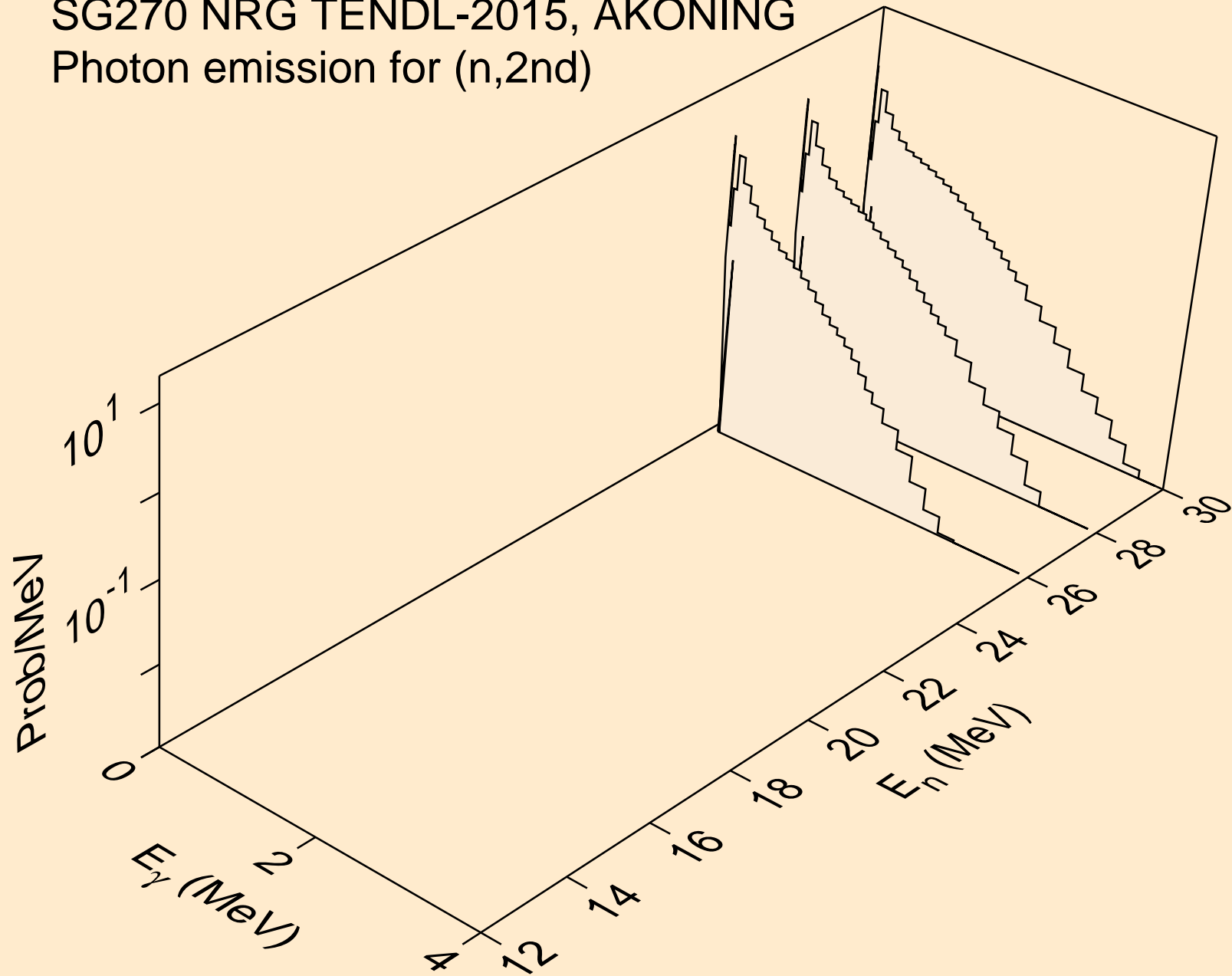
## Delayed neutron spectra



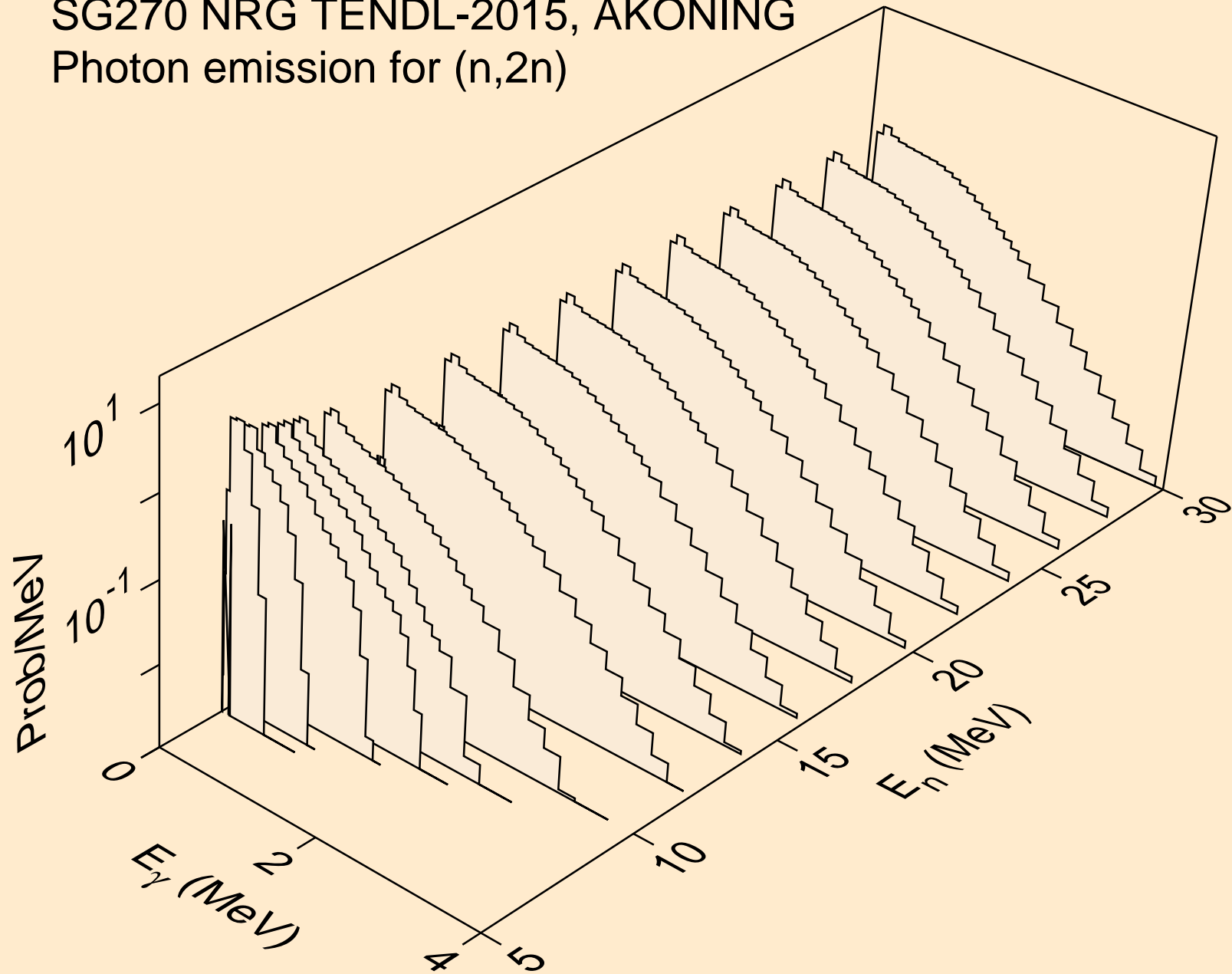
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



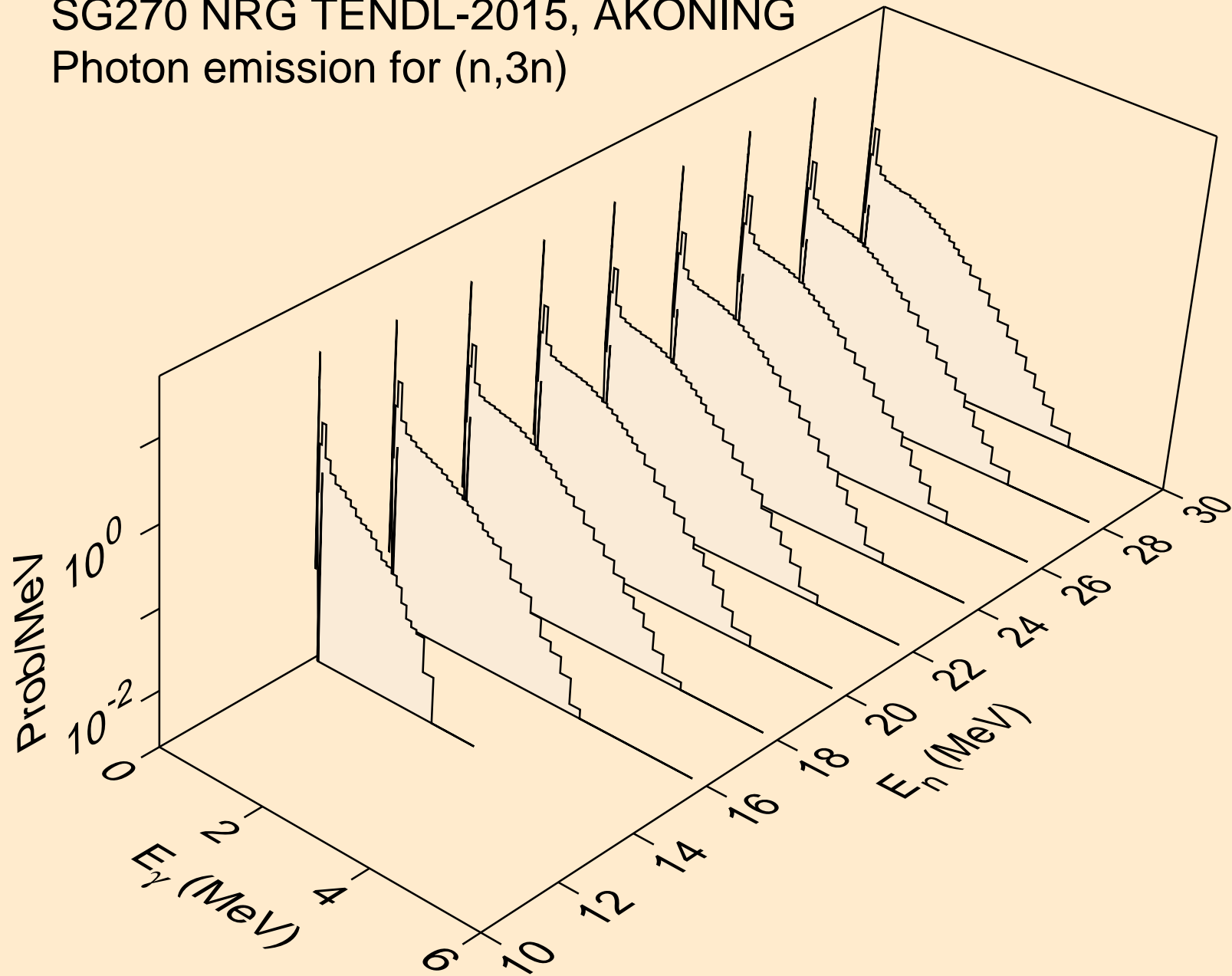
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



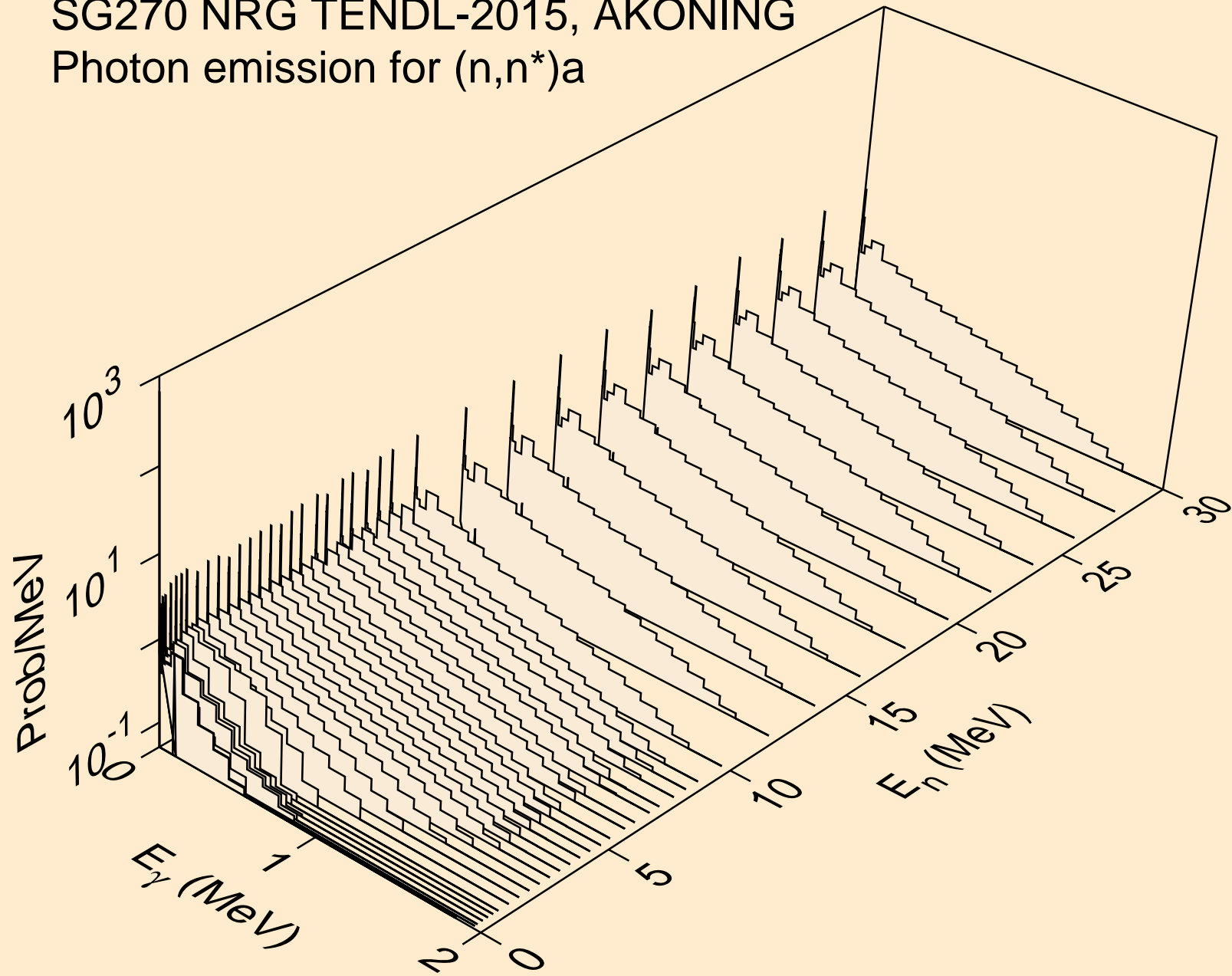
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

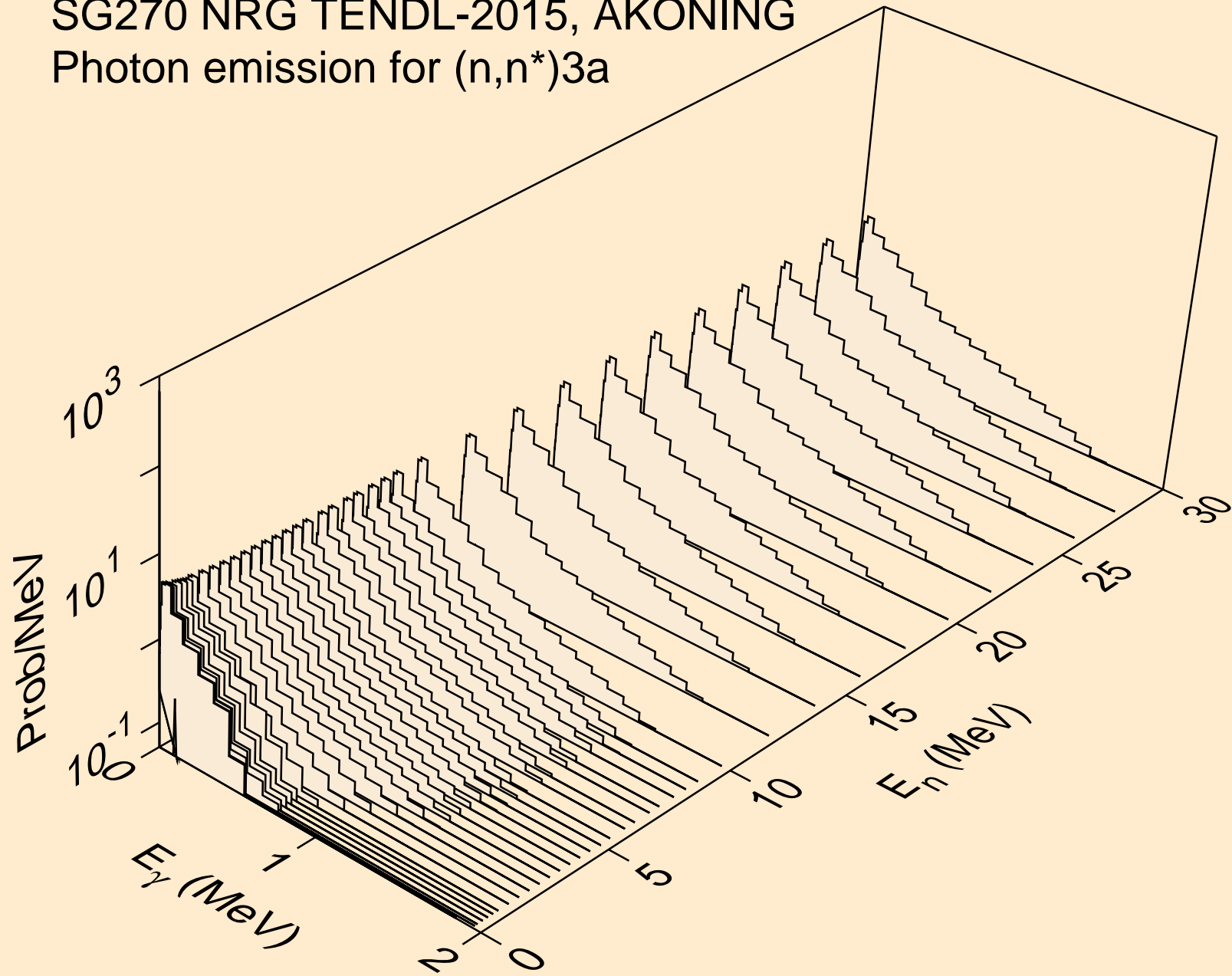


SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

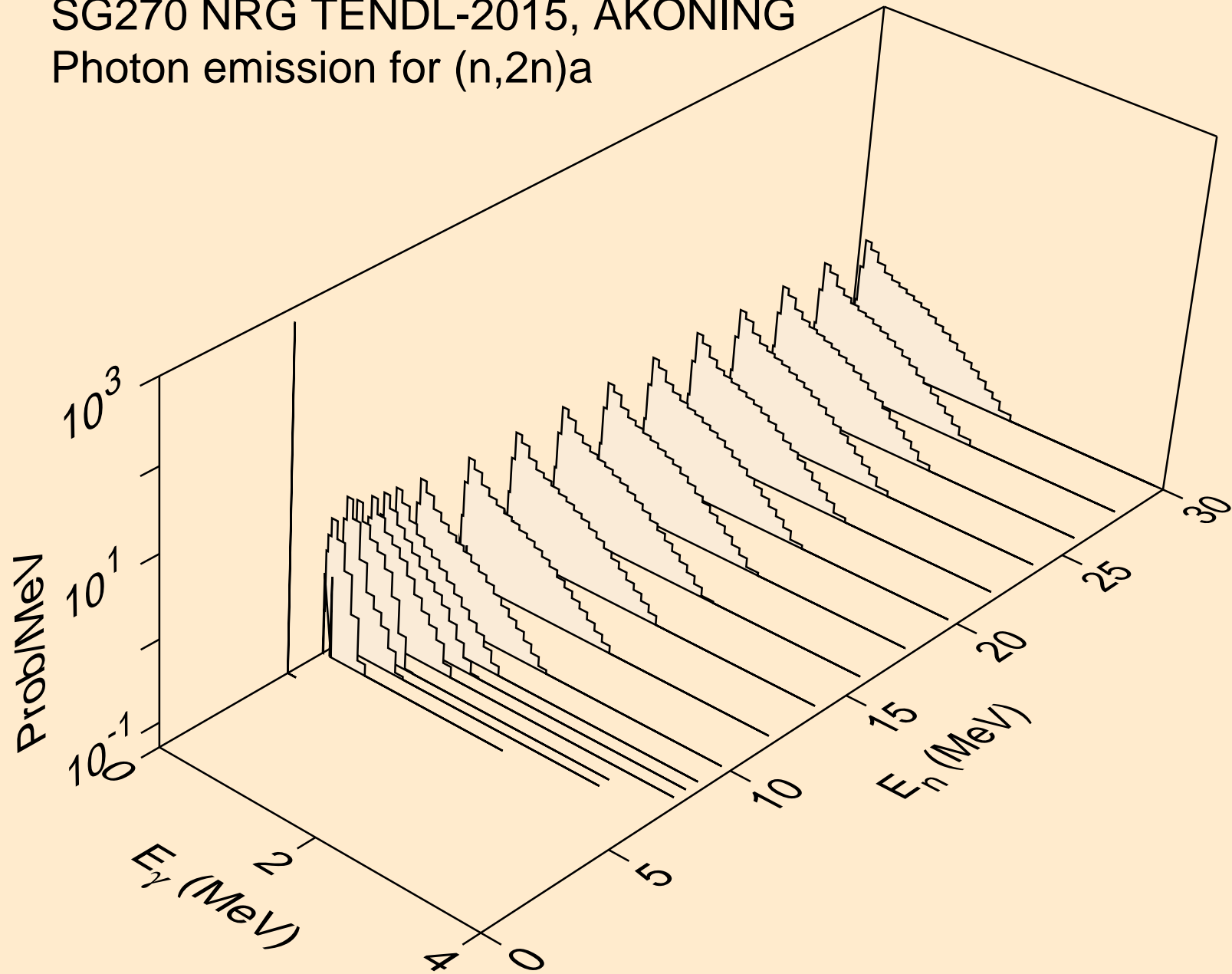




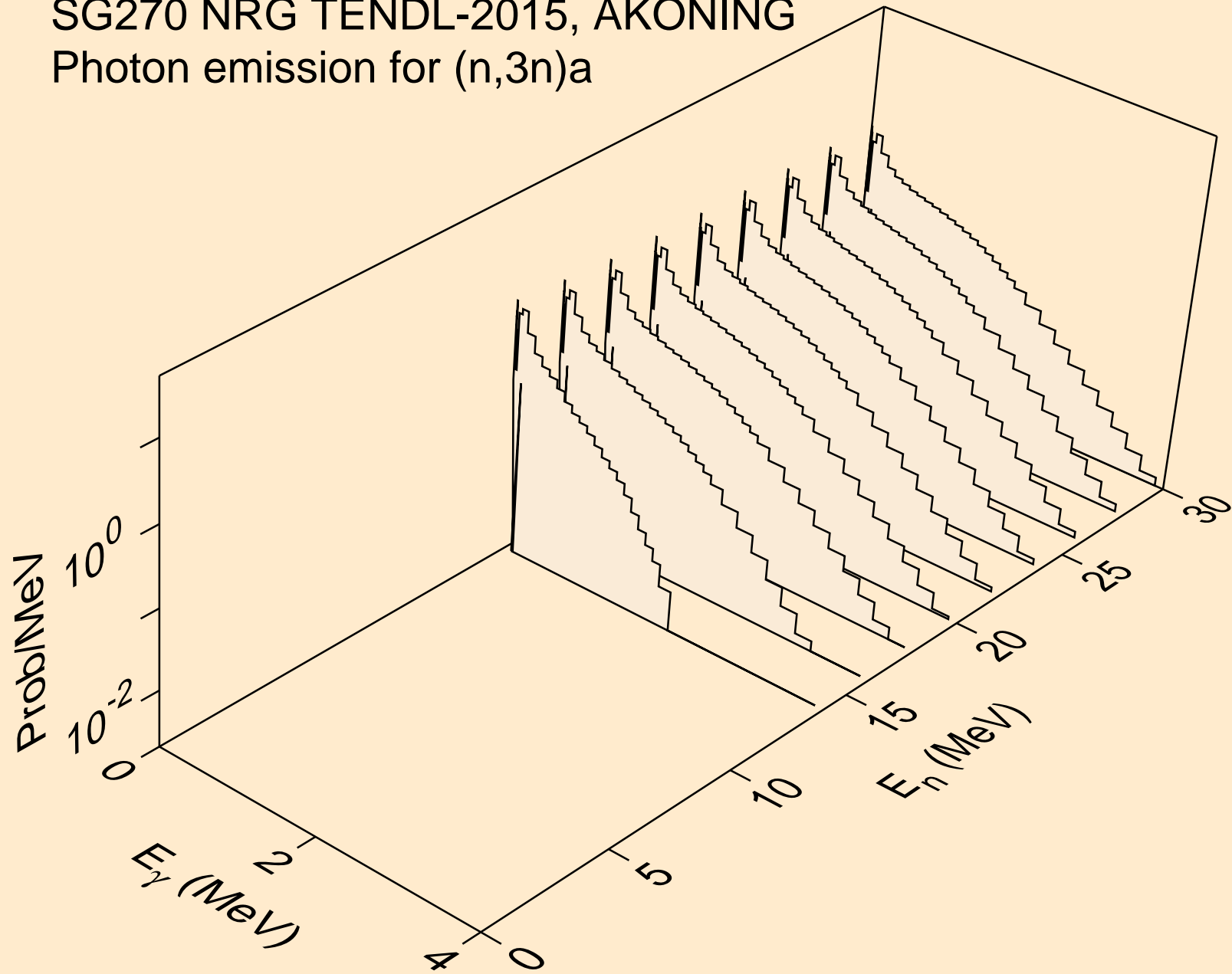
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



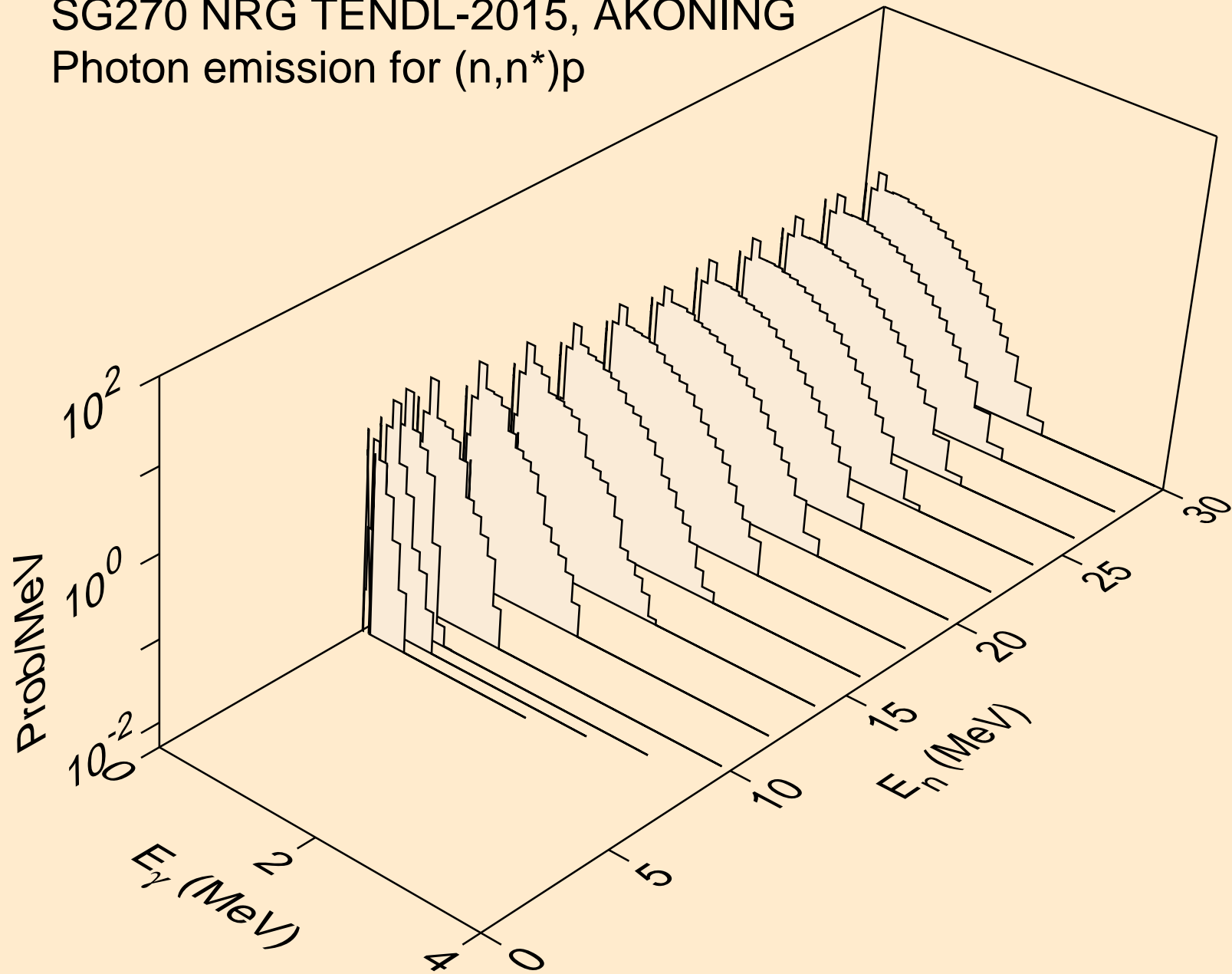
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



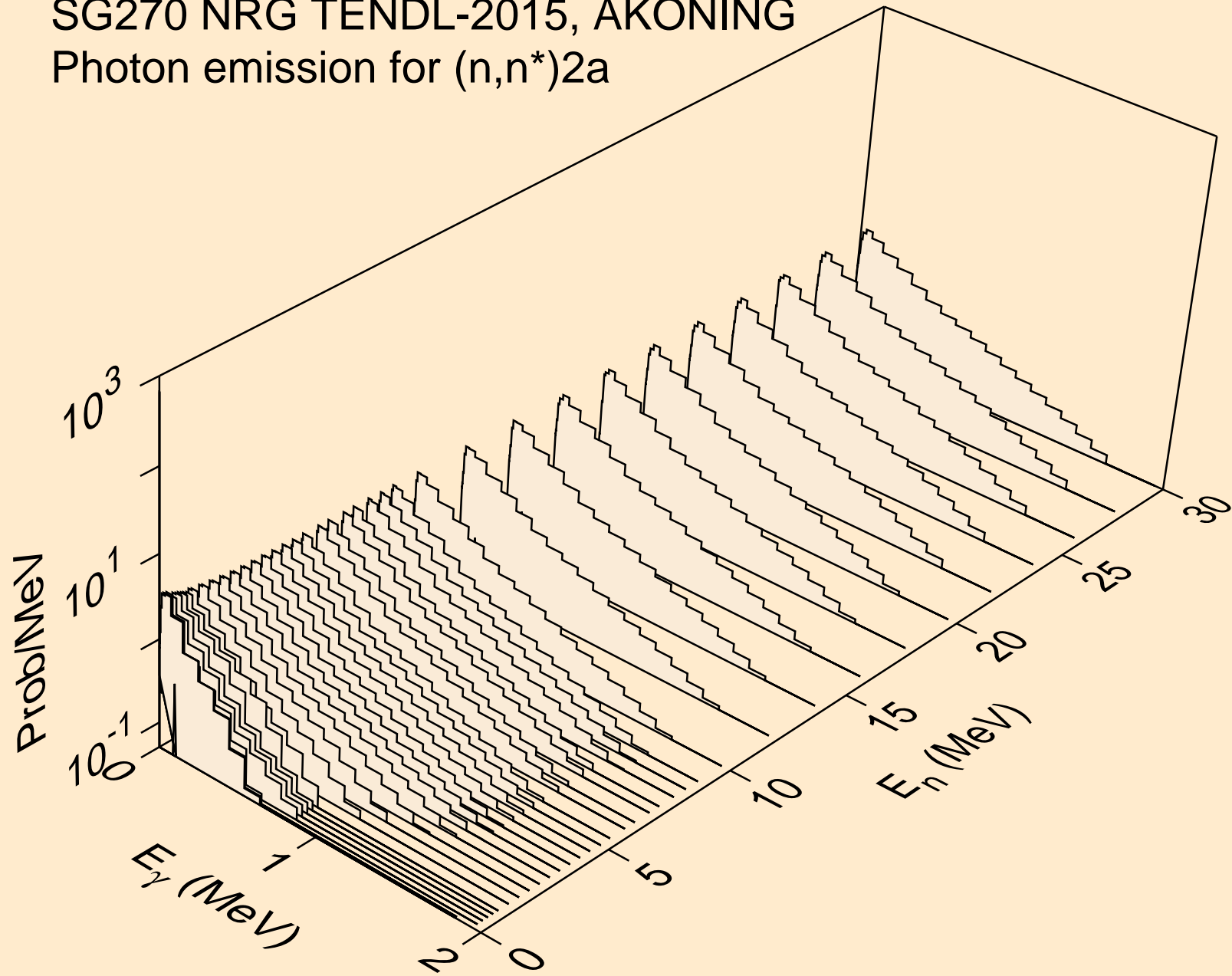
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



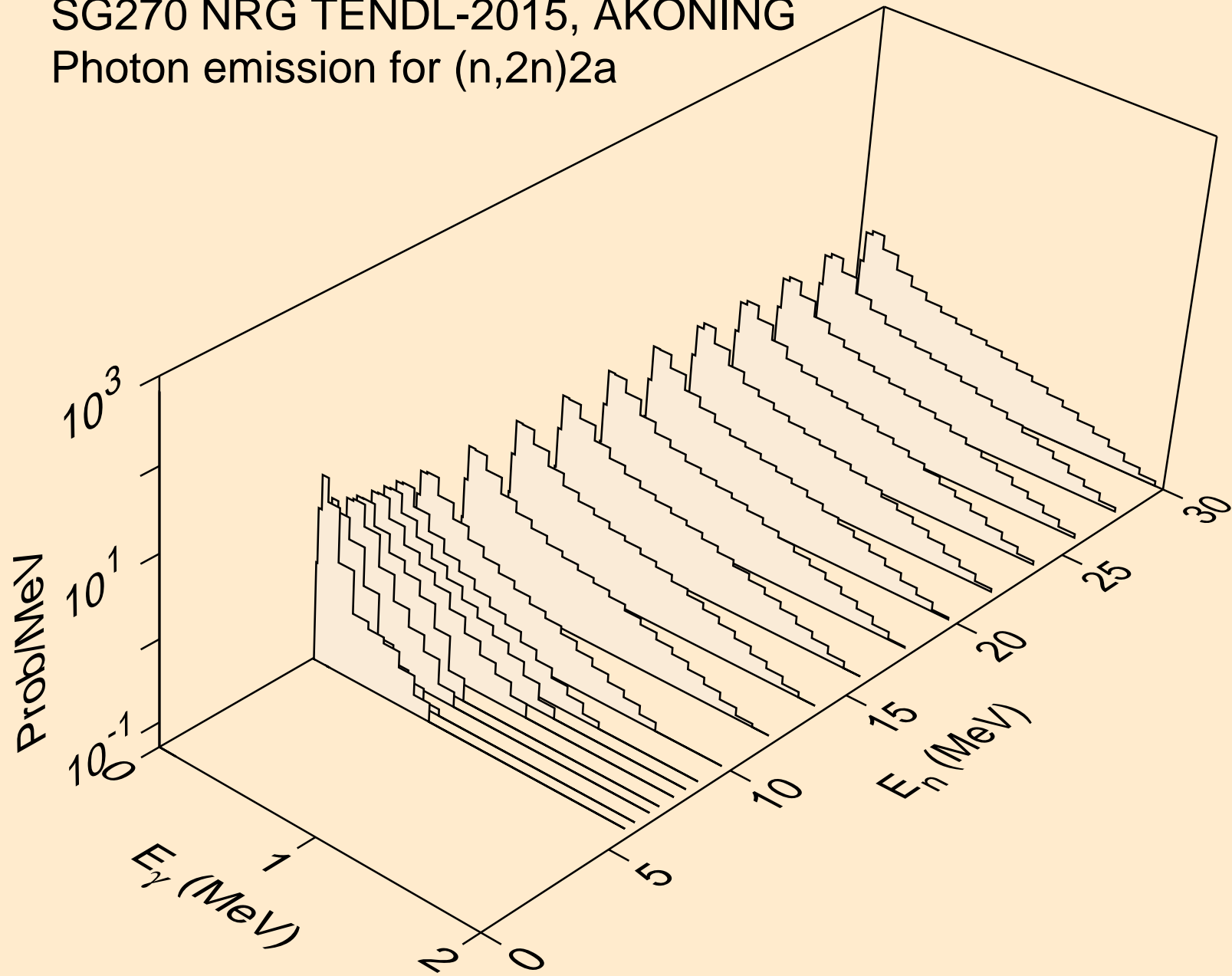
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



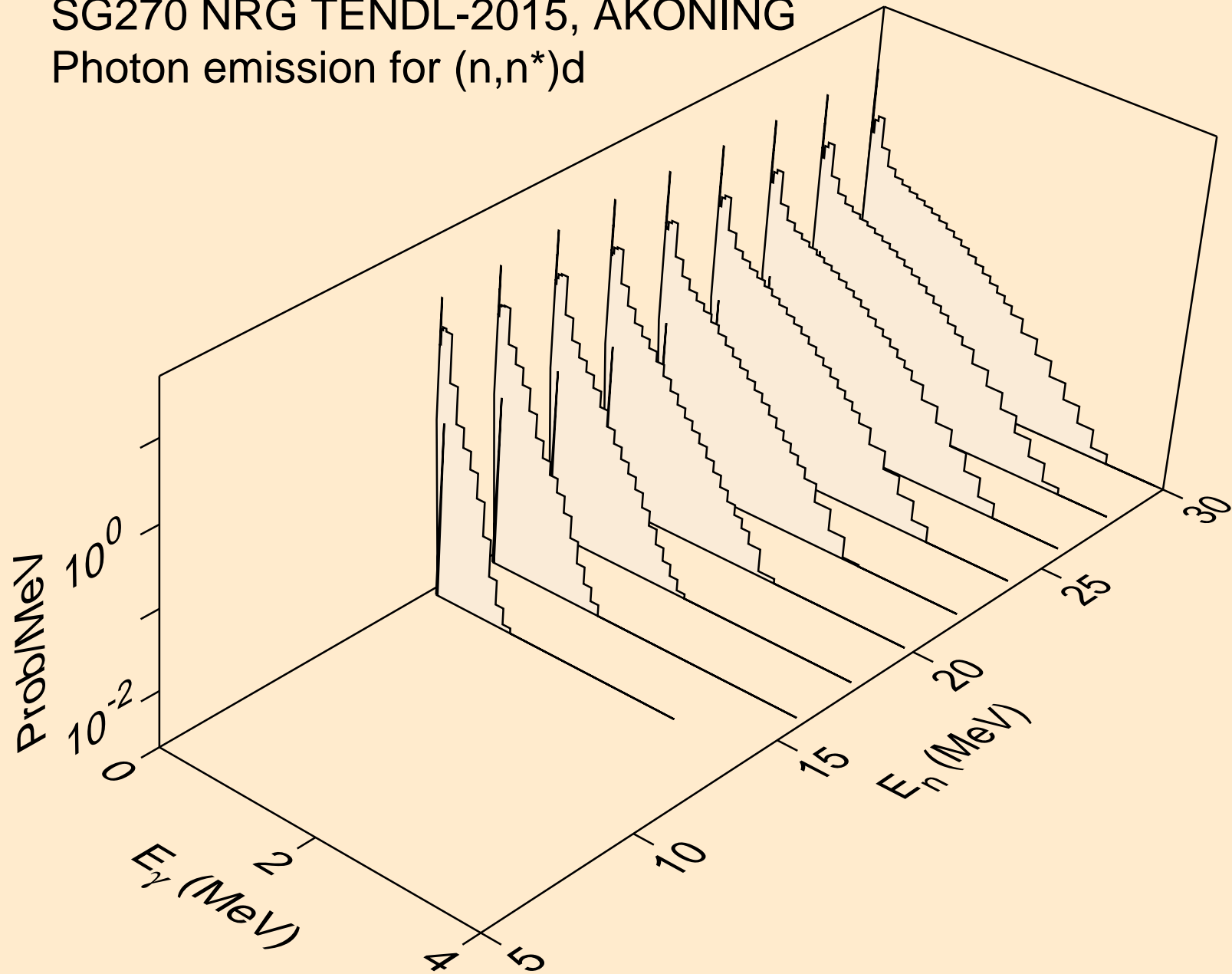
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



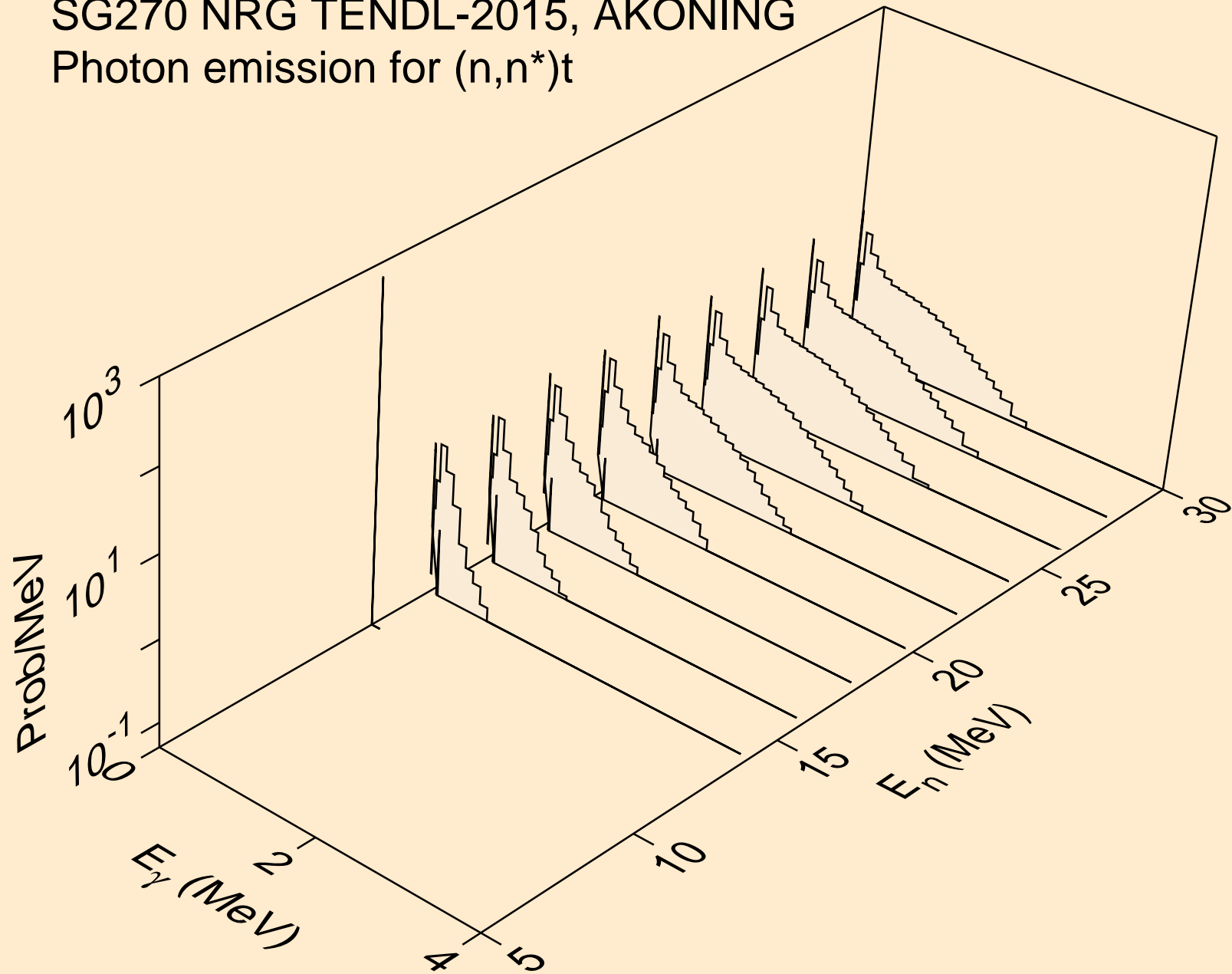
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

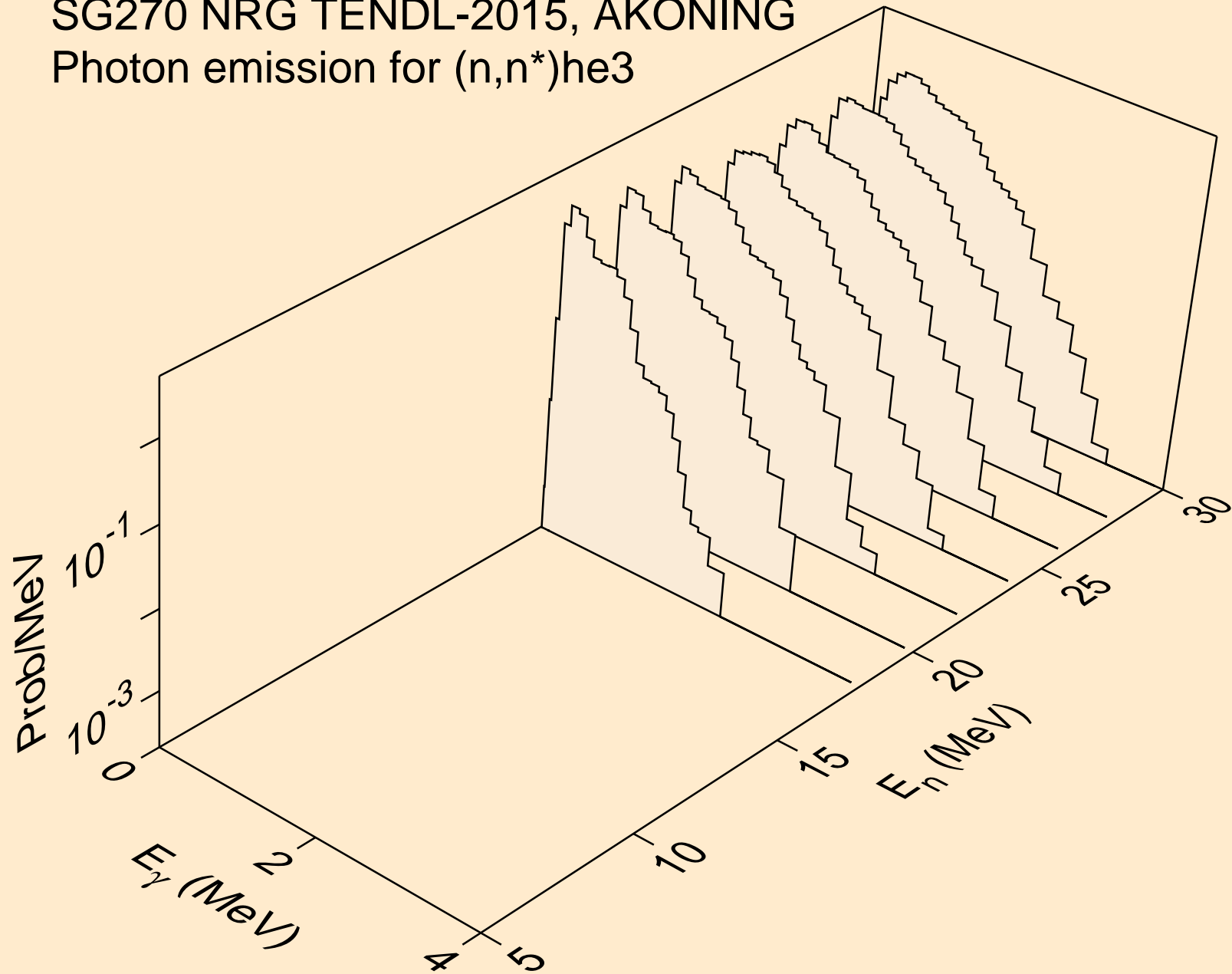


SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

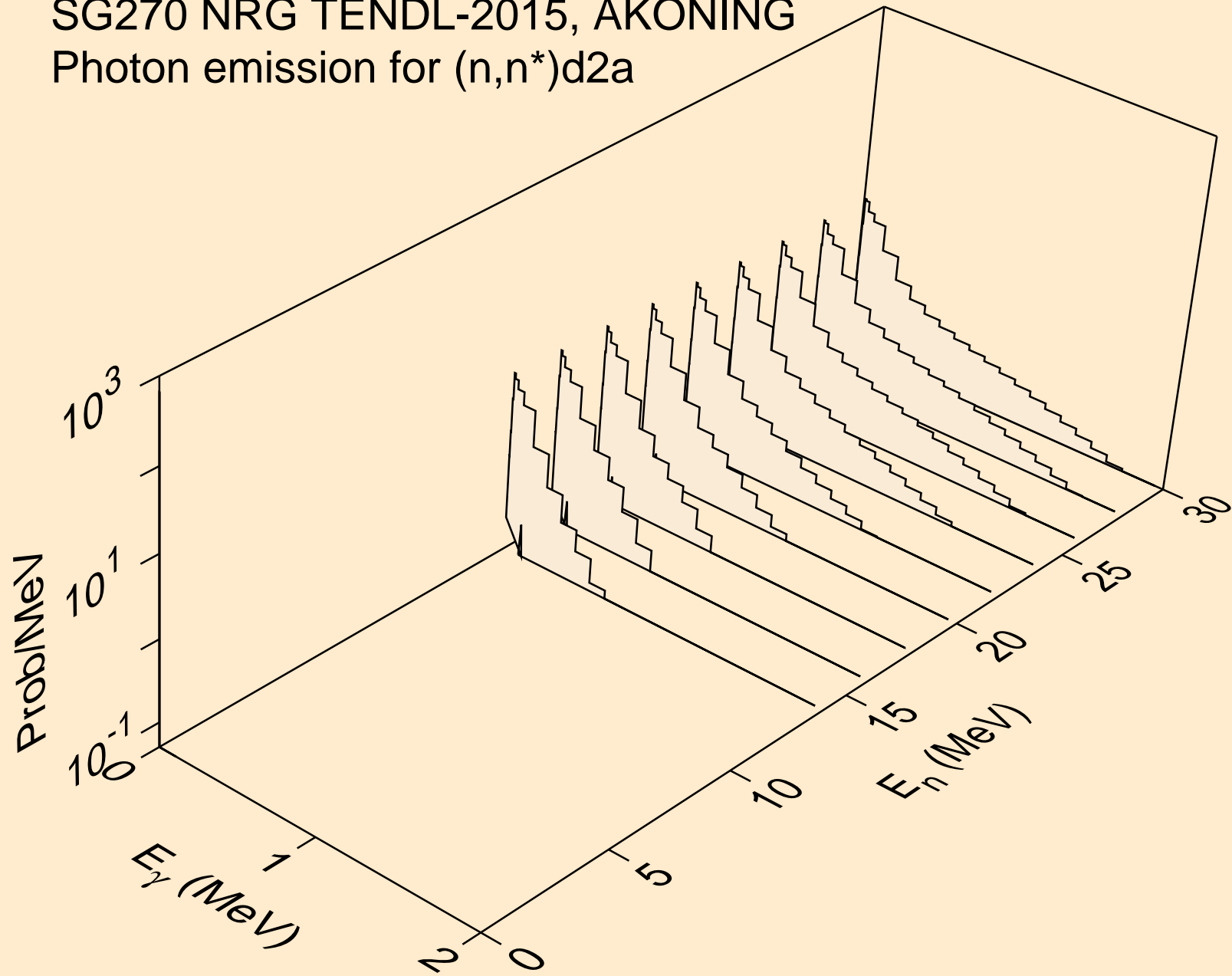




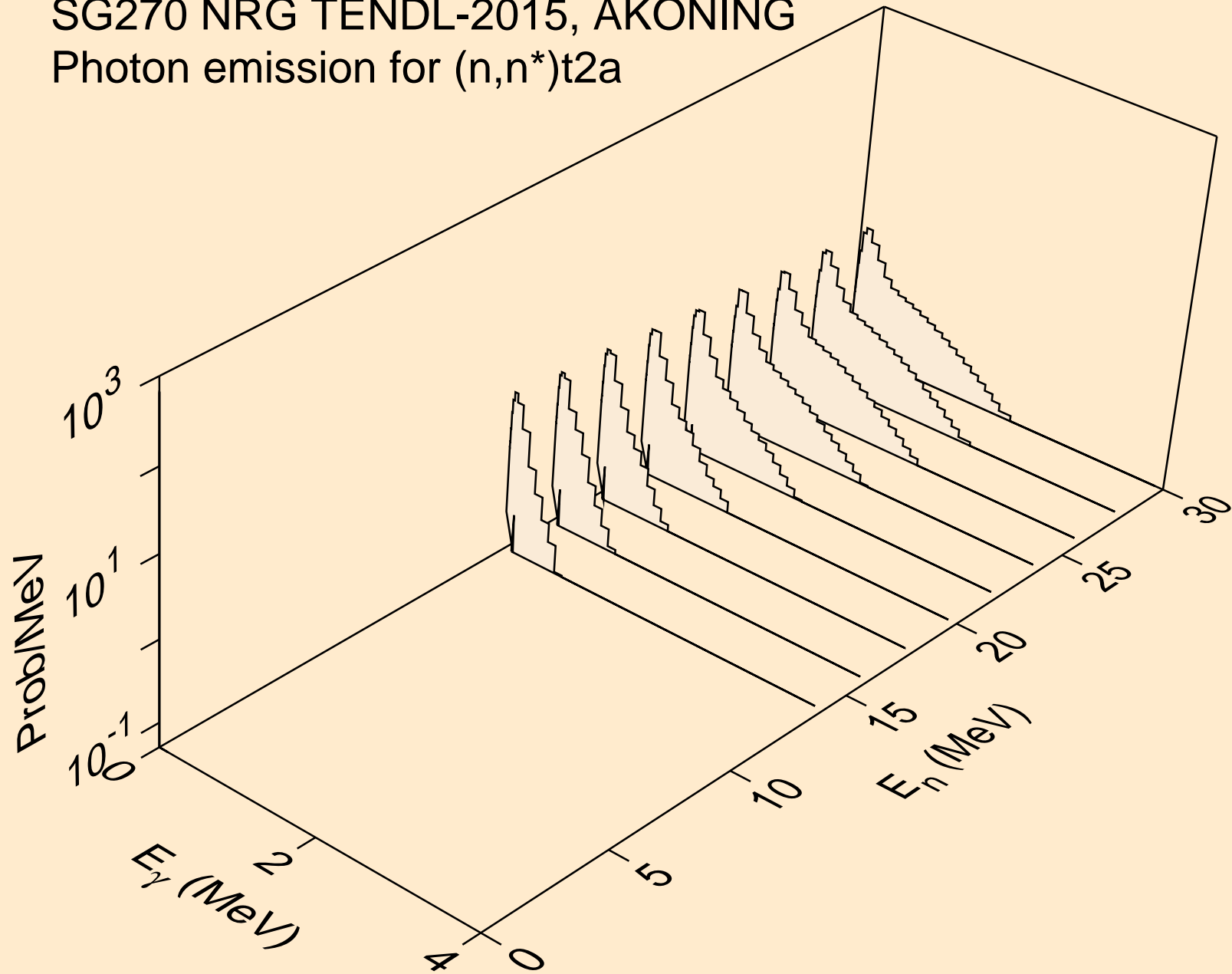
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



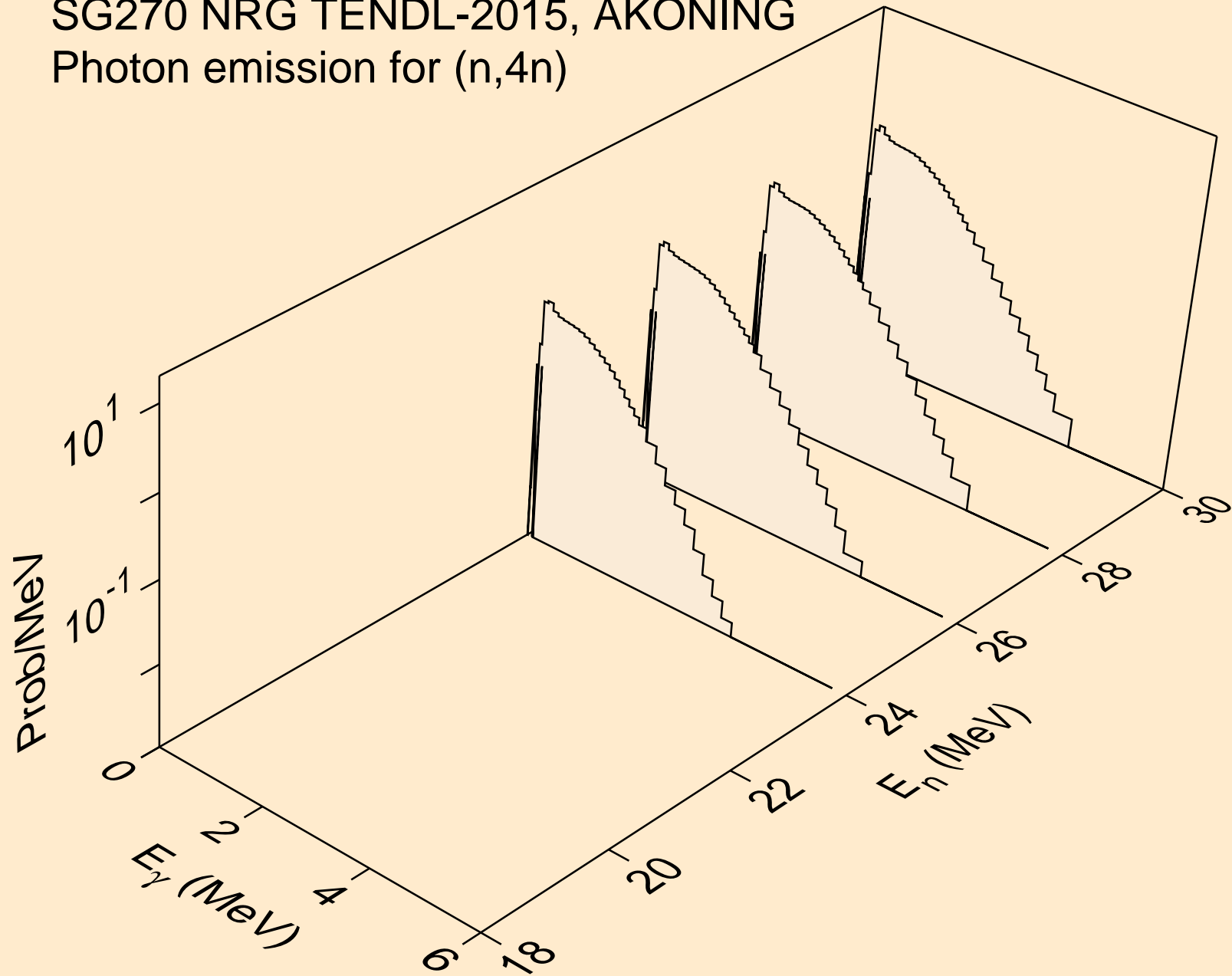
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



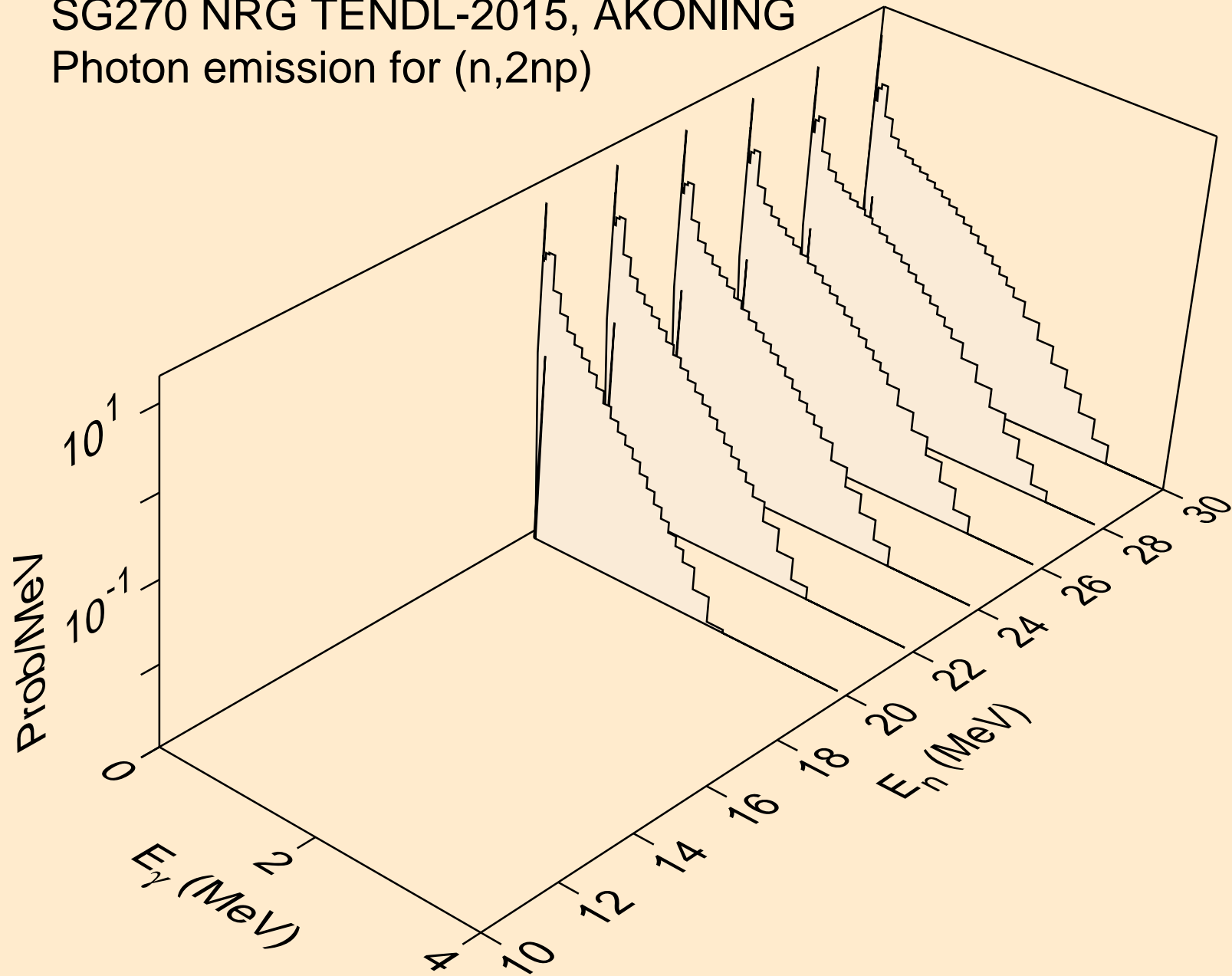
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



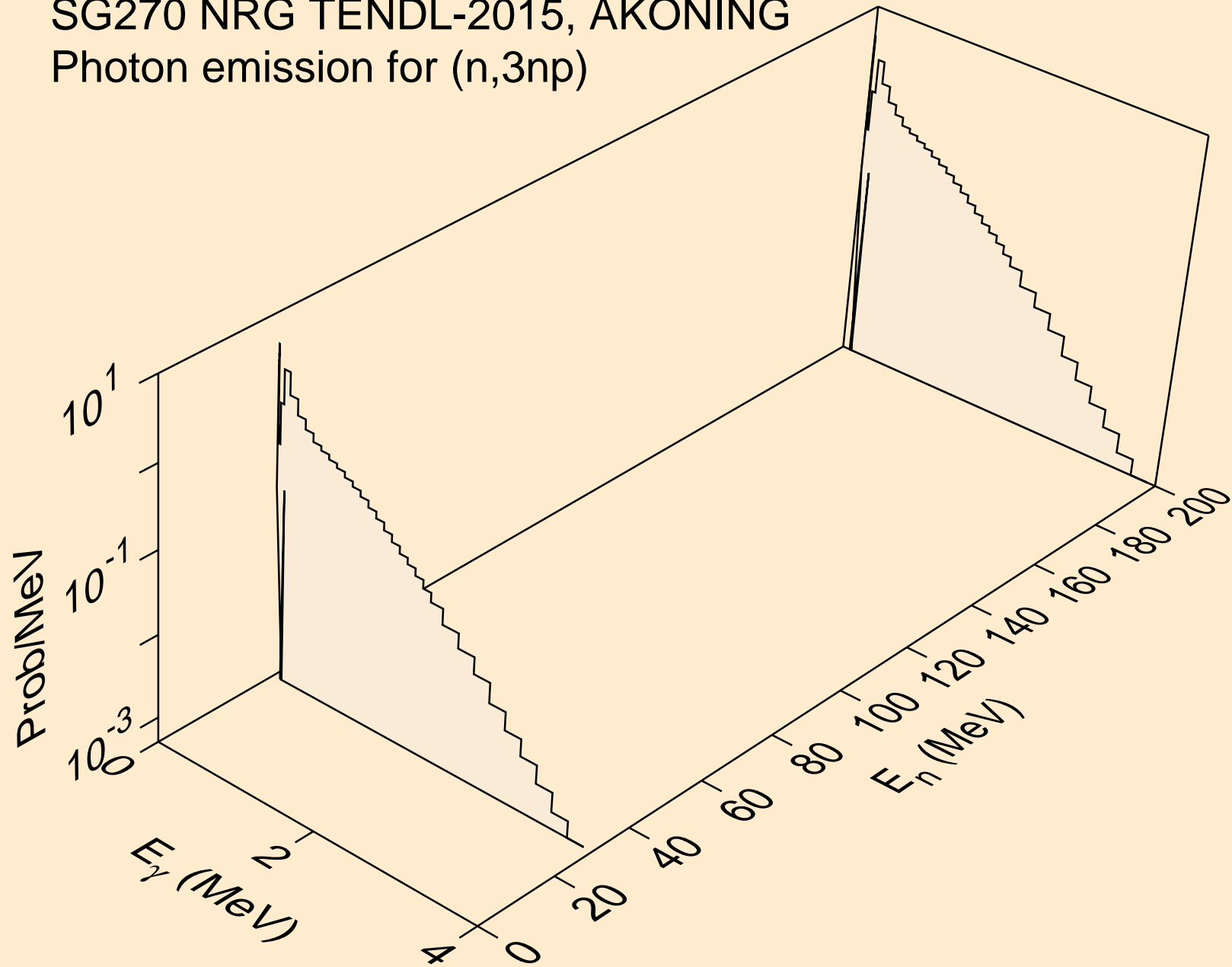
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



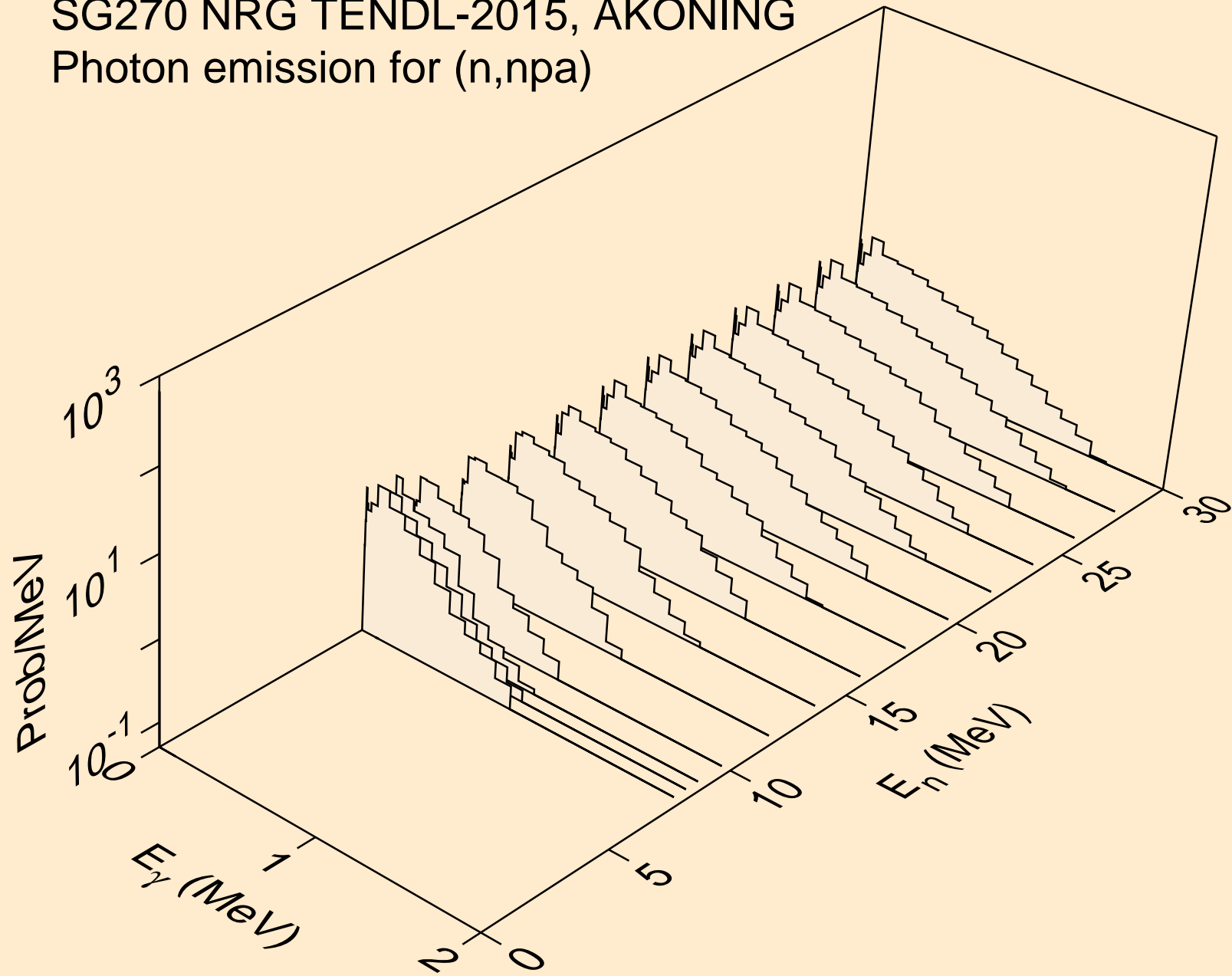
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



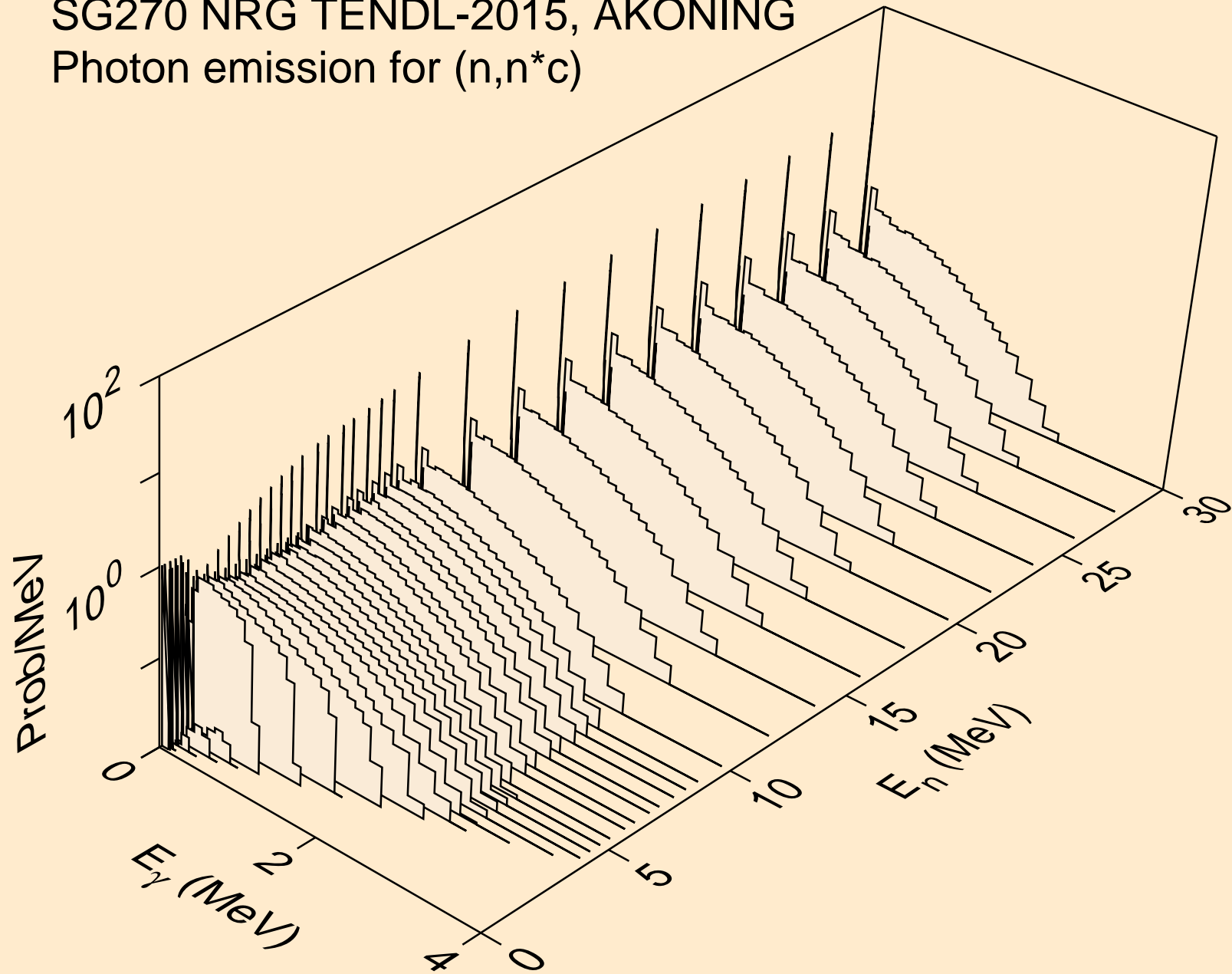
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

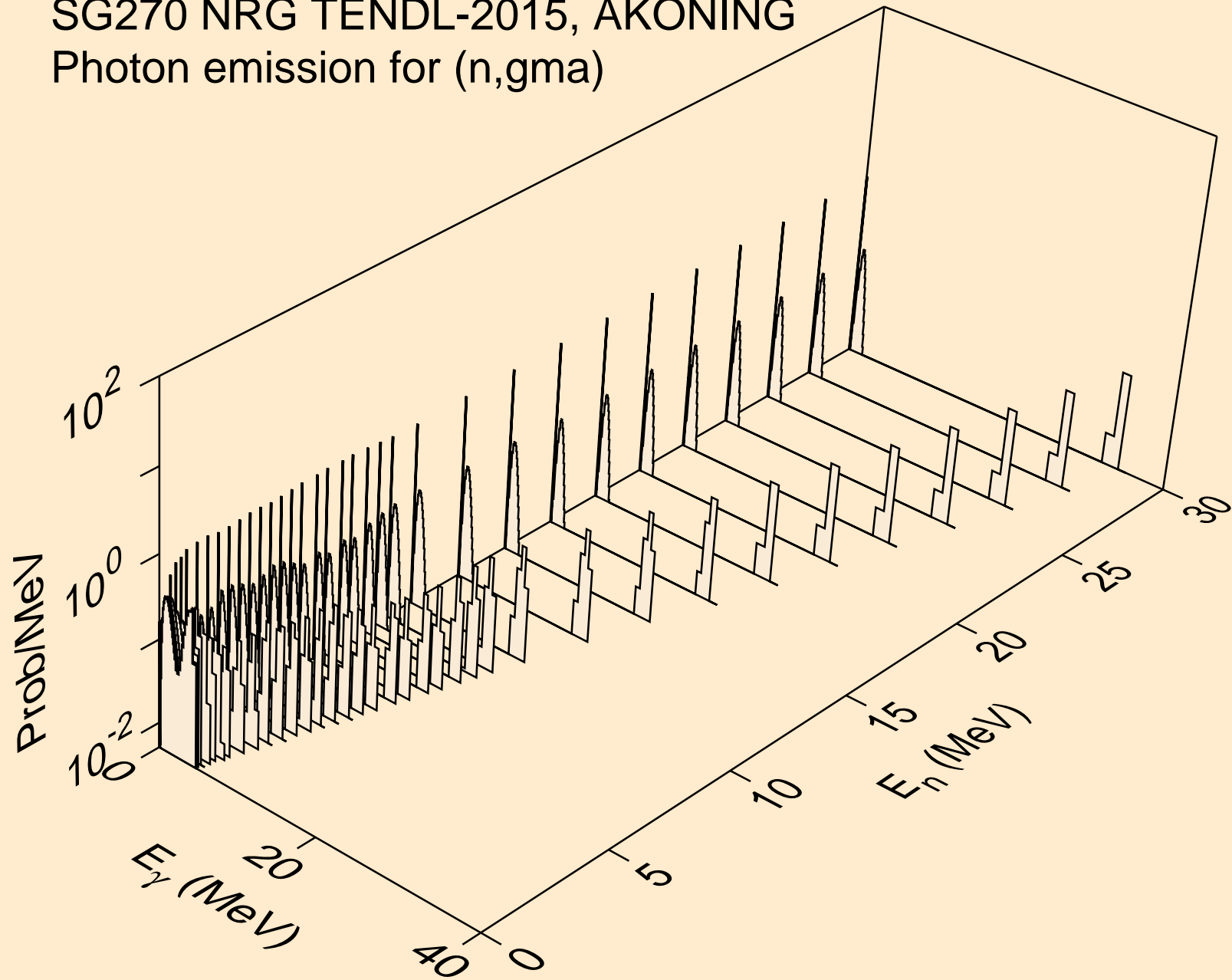


SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

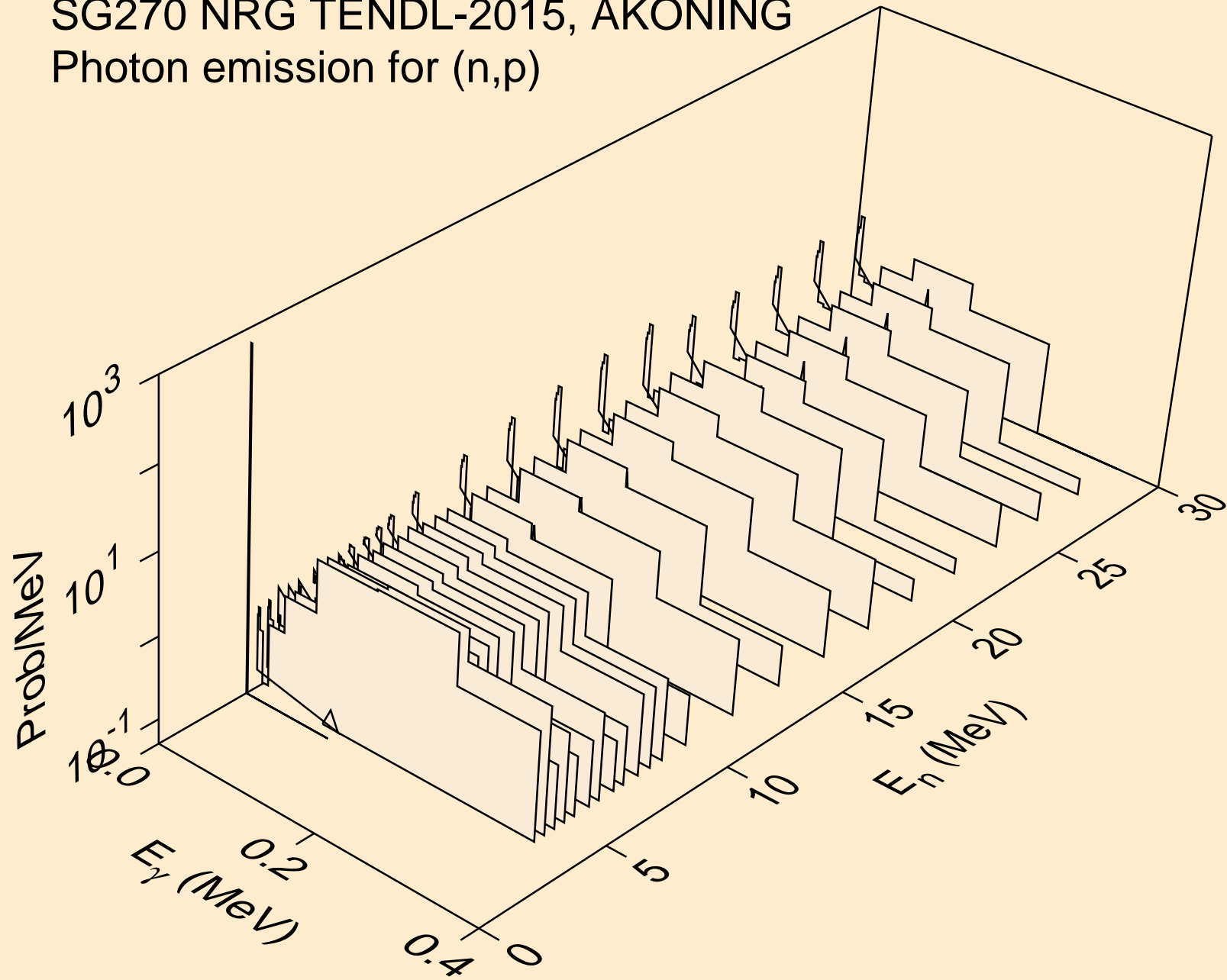




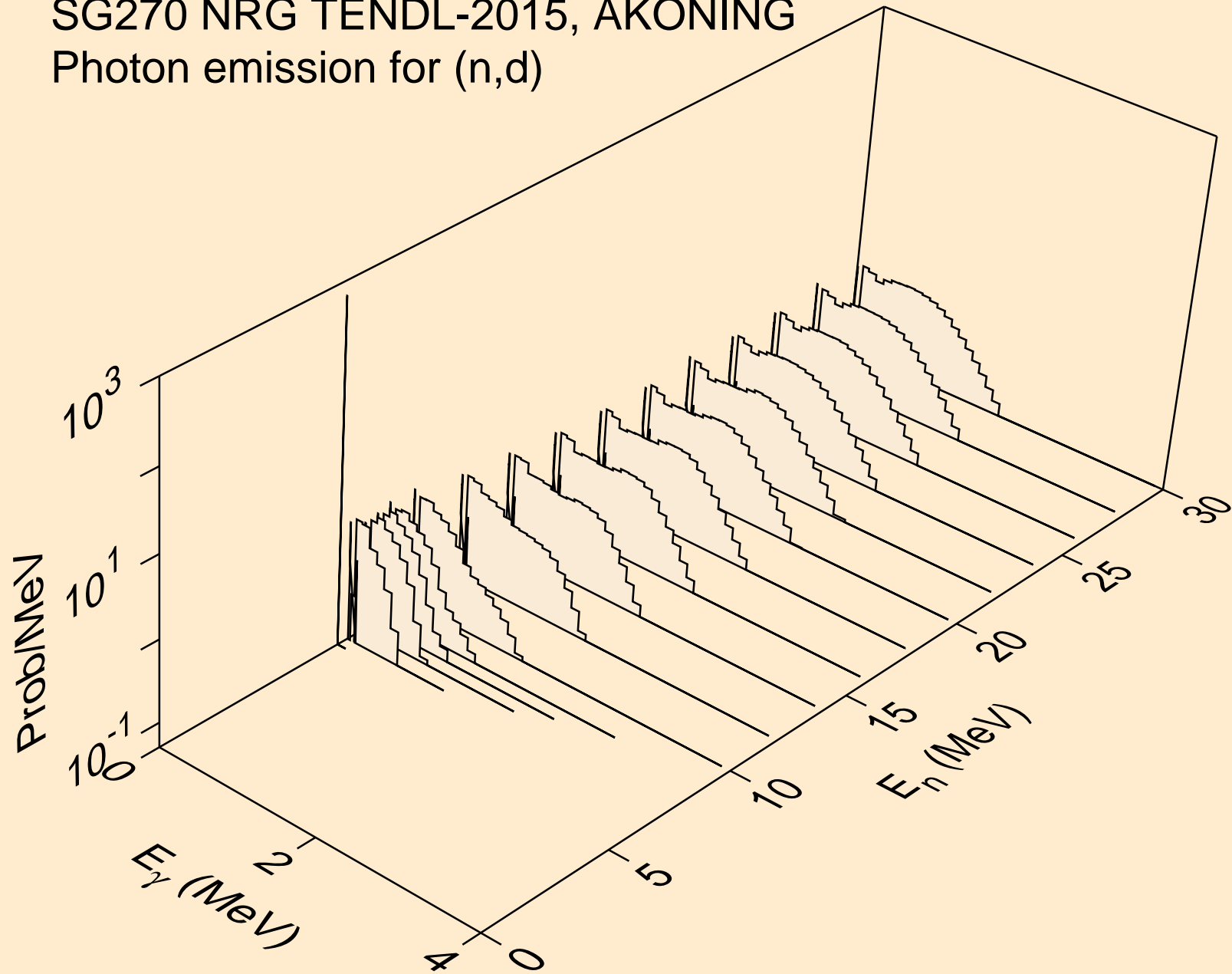
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



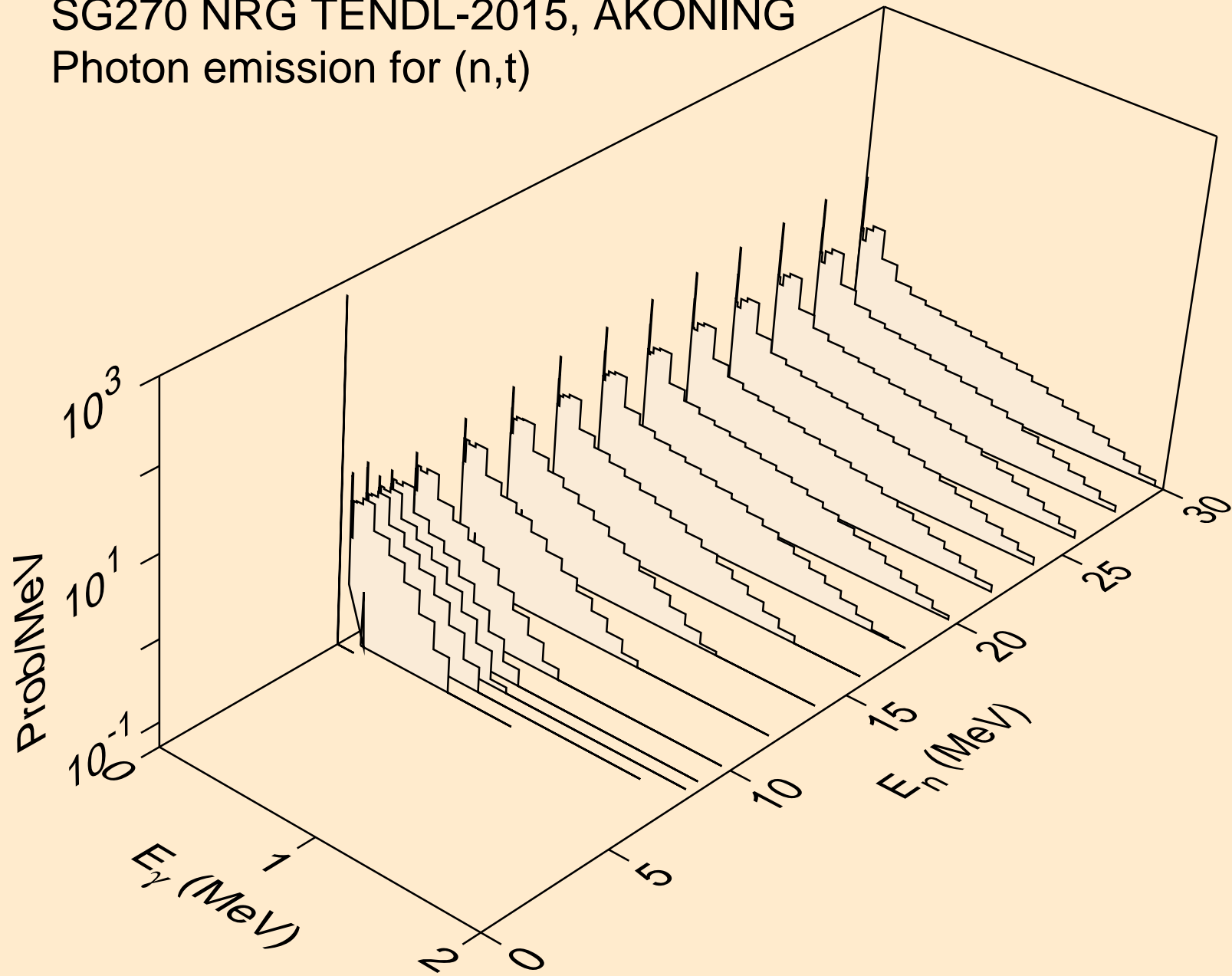
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



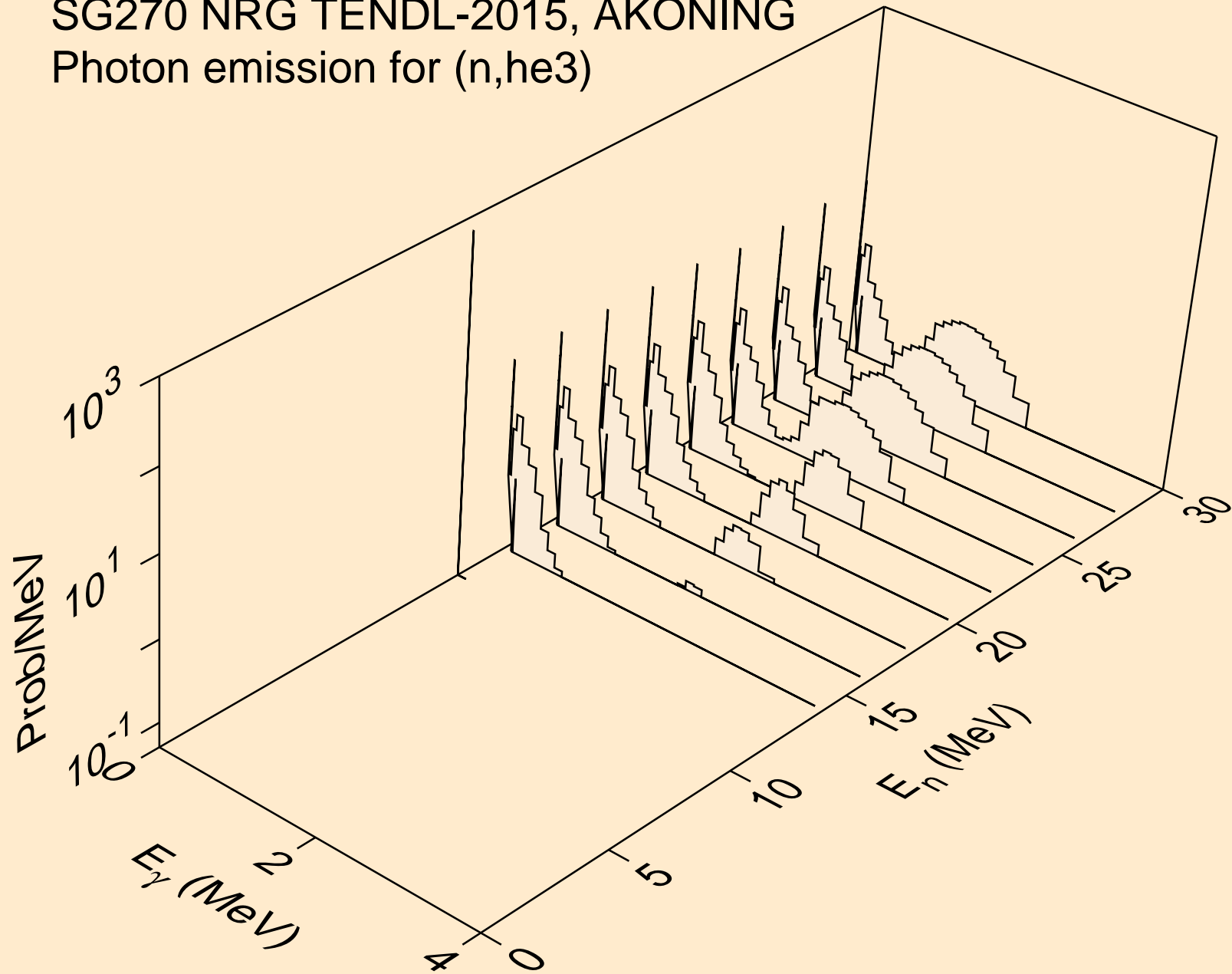
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



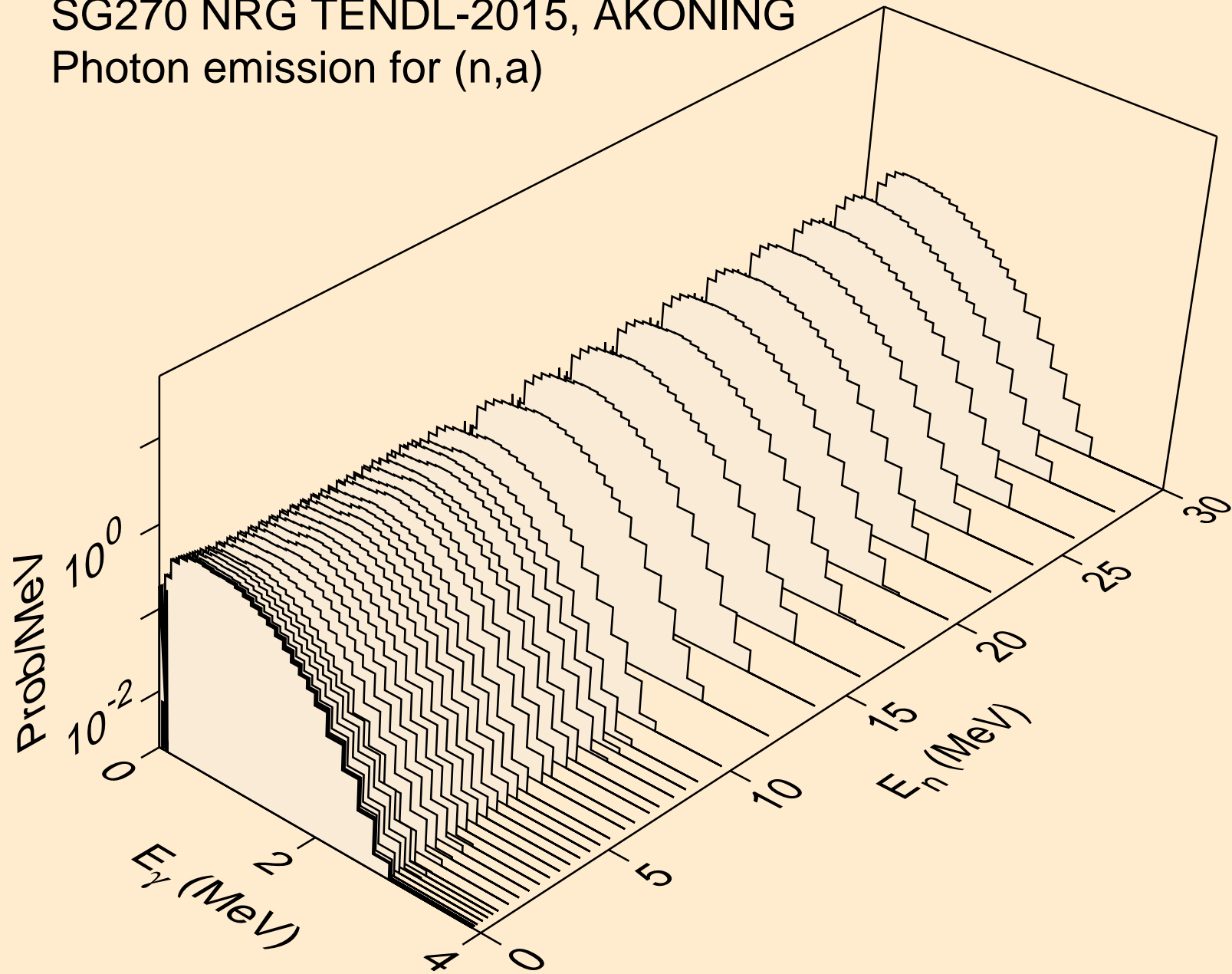
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



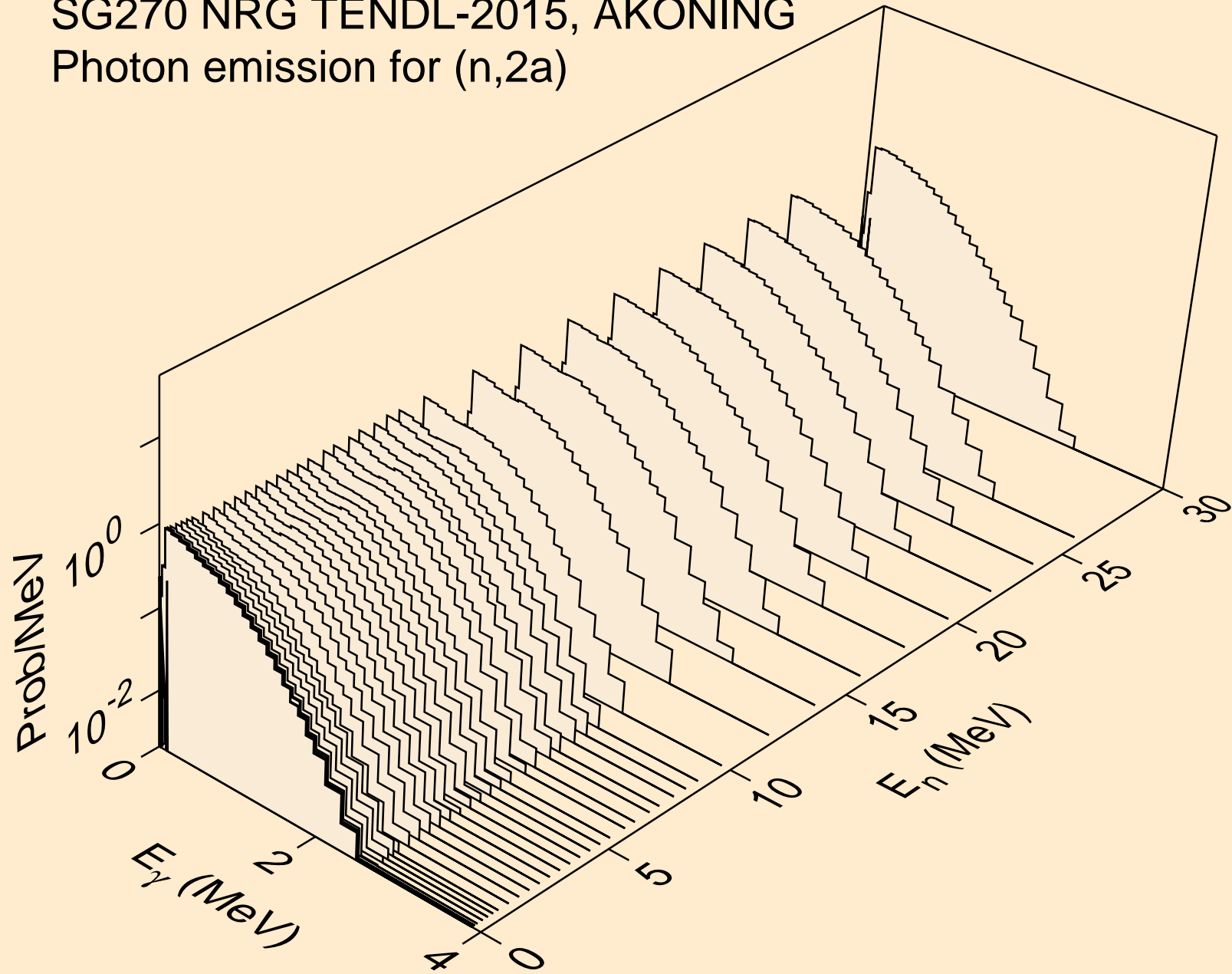
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



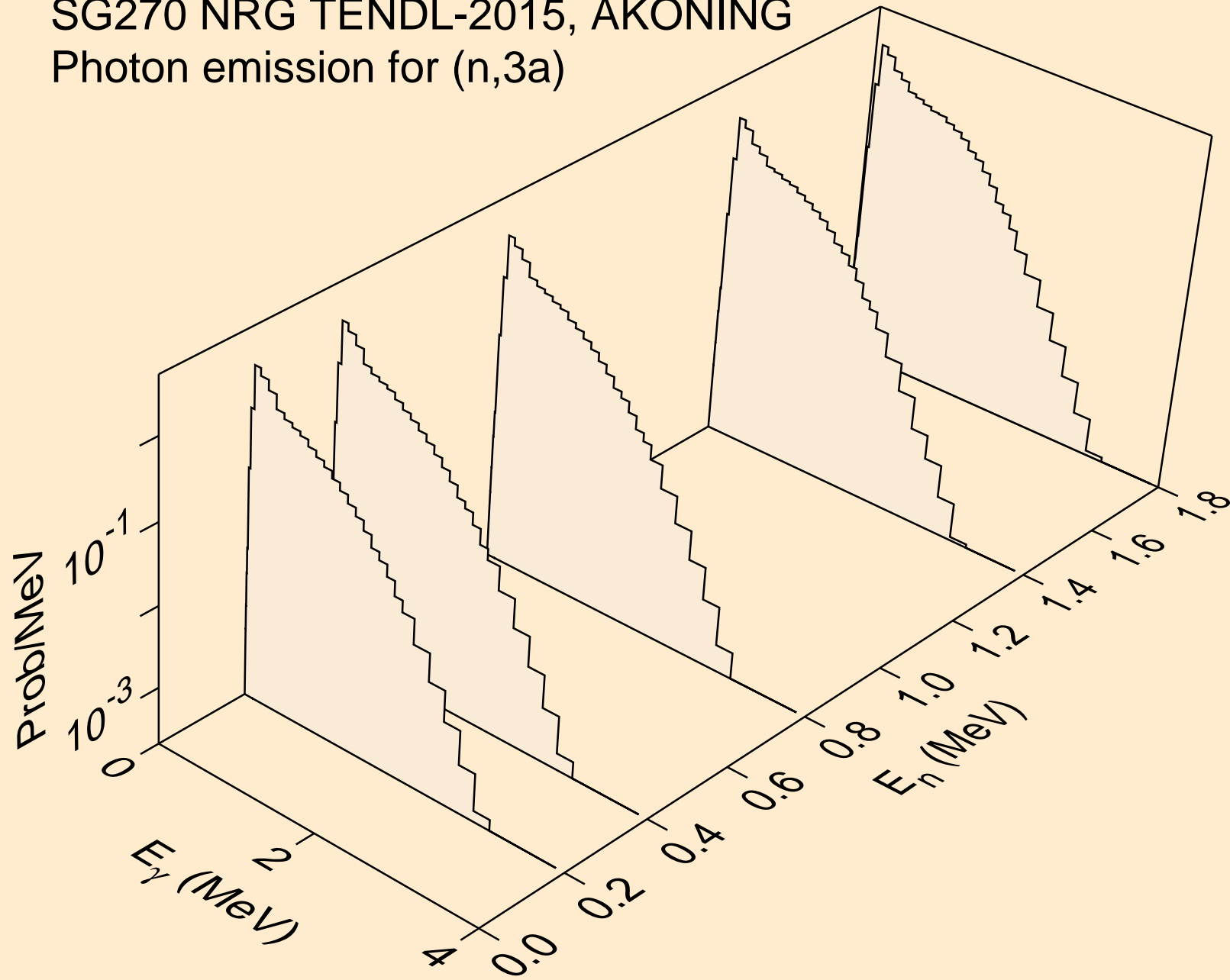
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

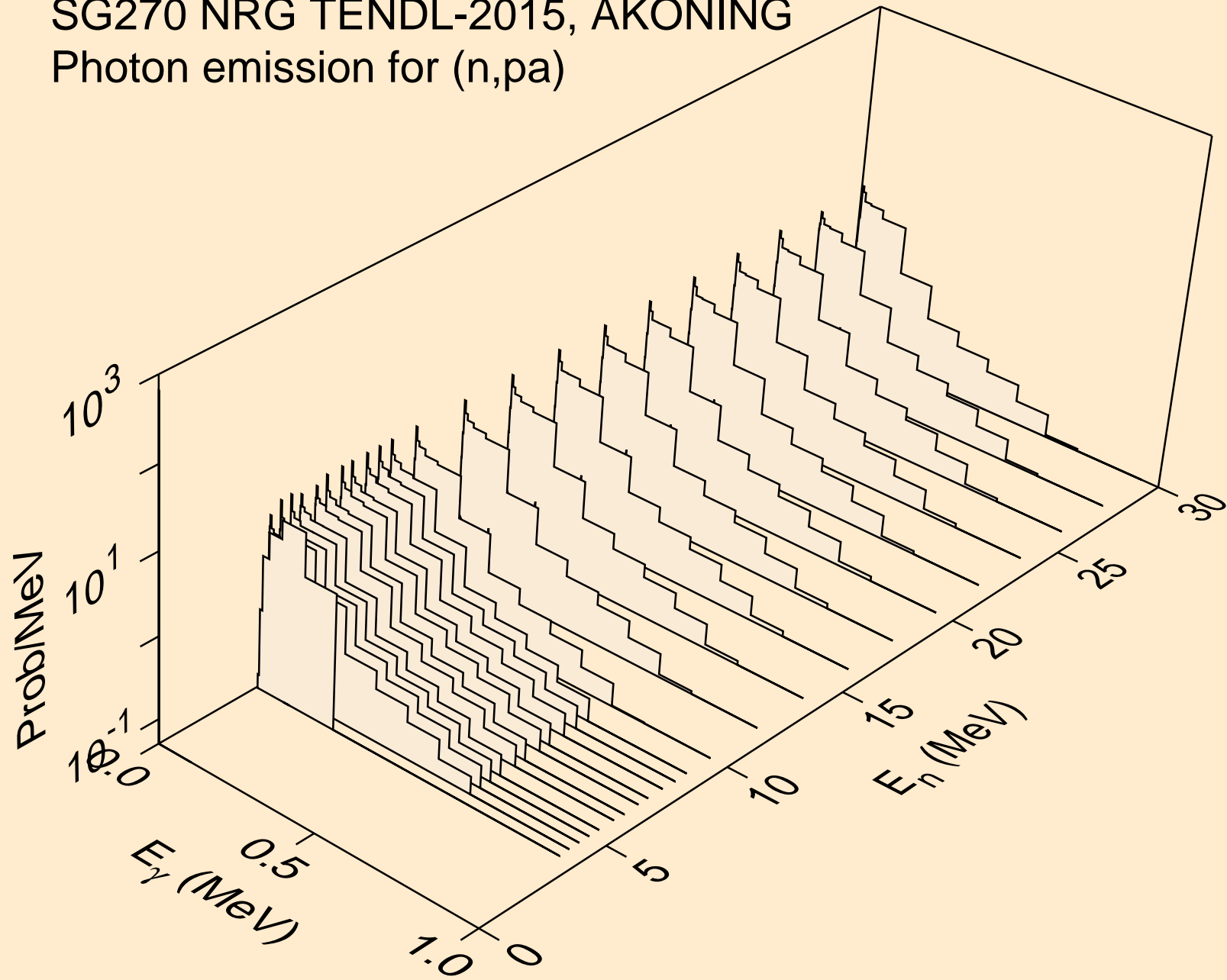


SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

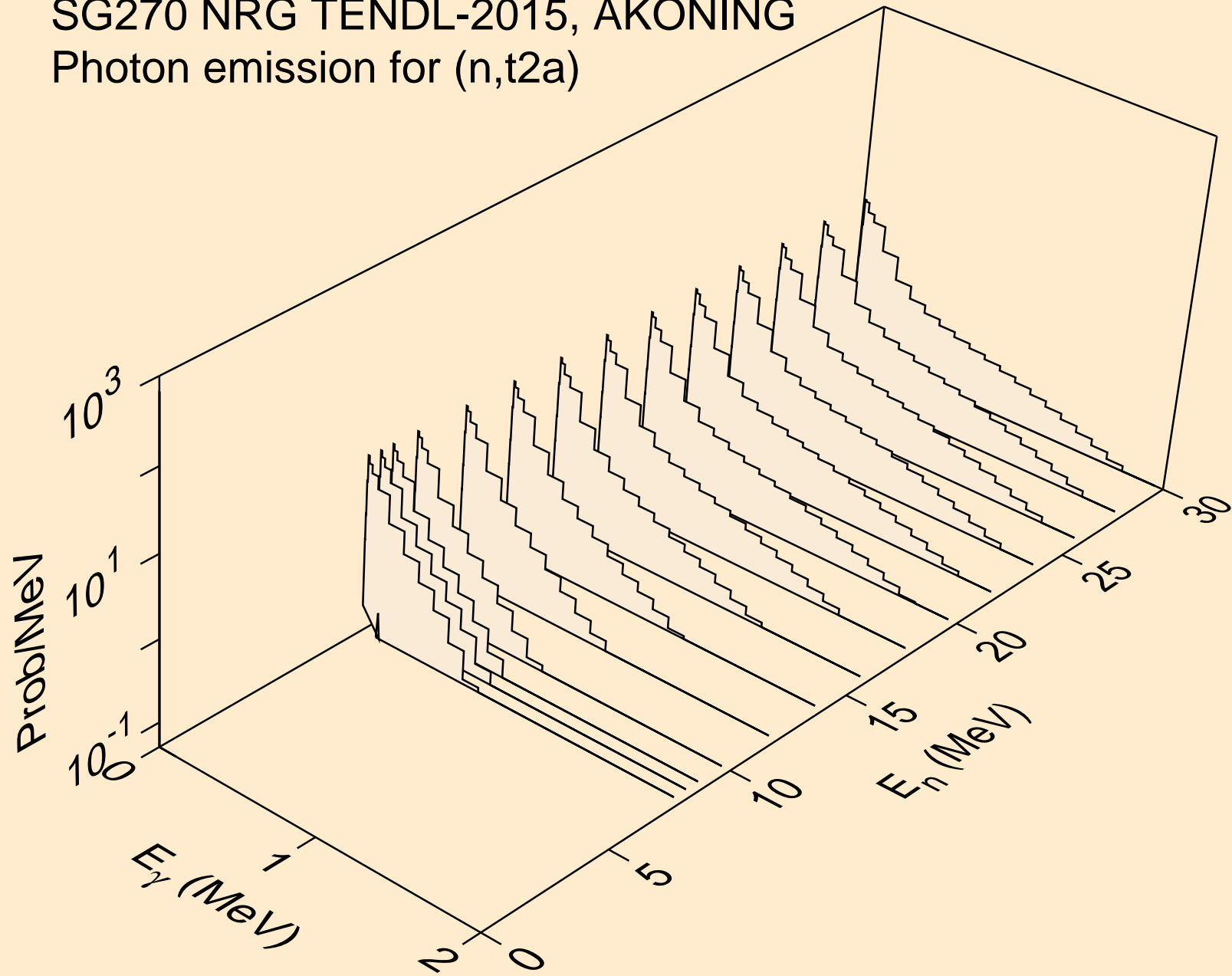




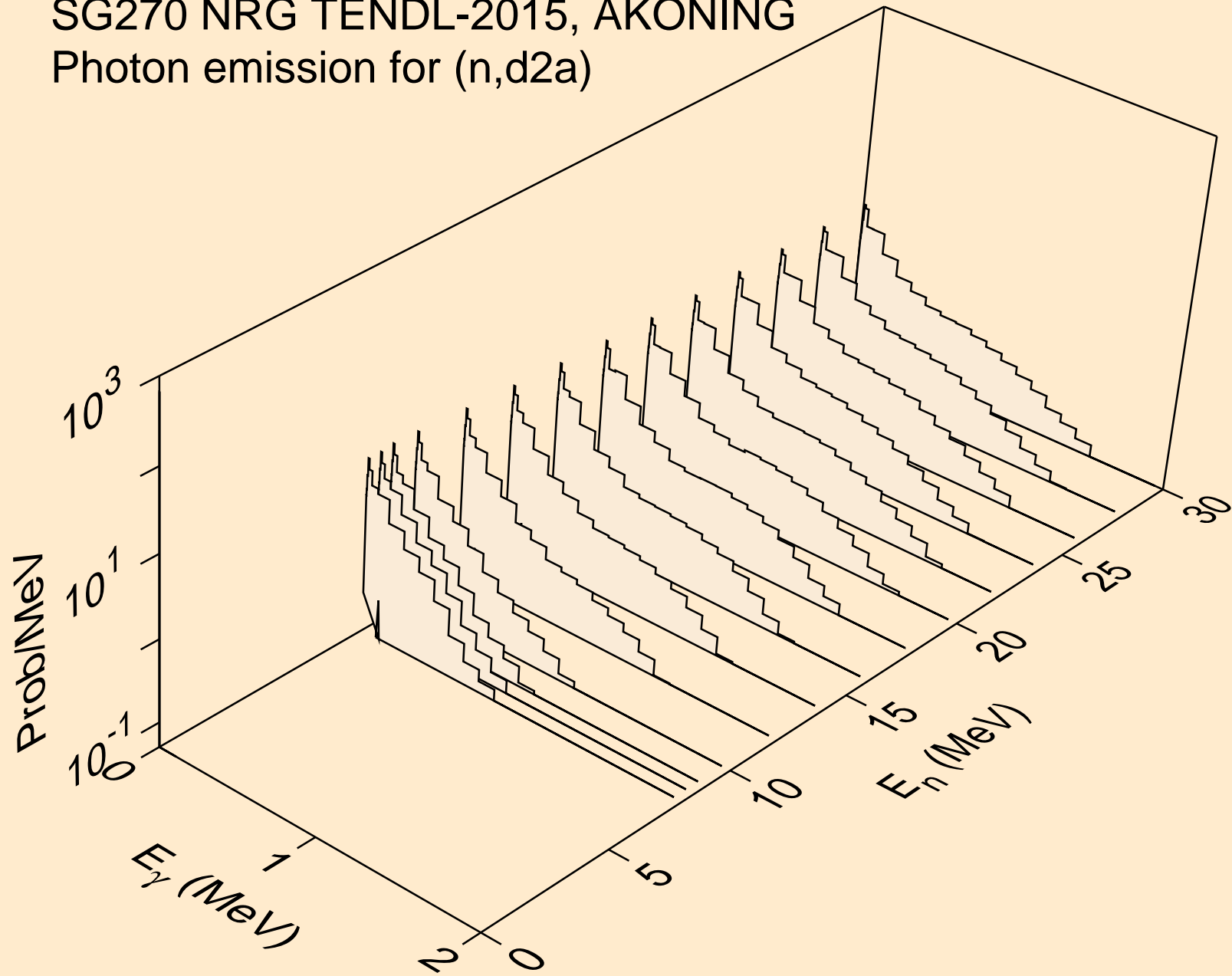
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



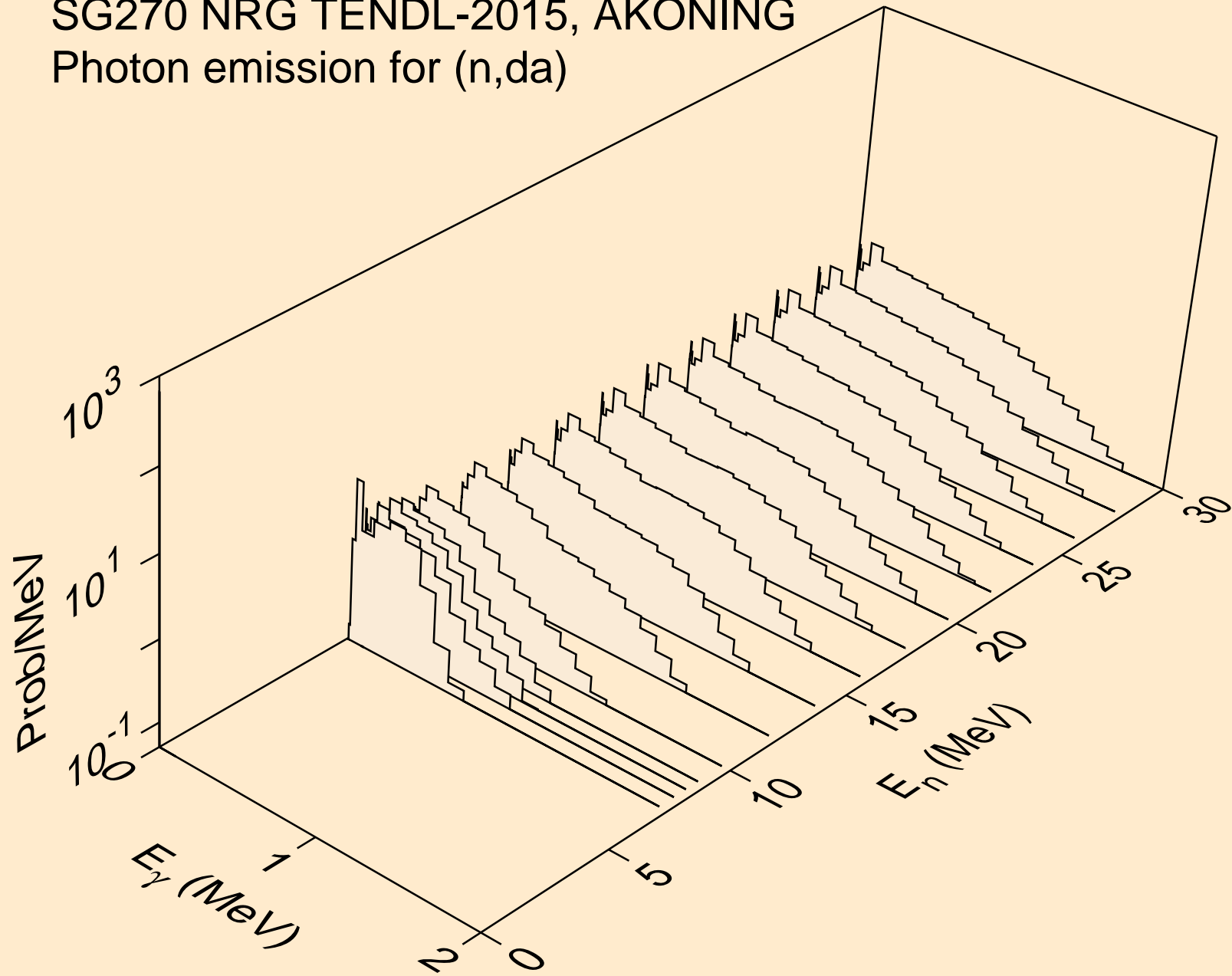
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



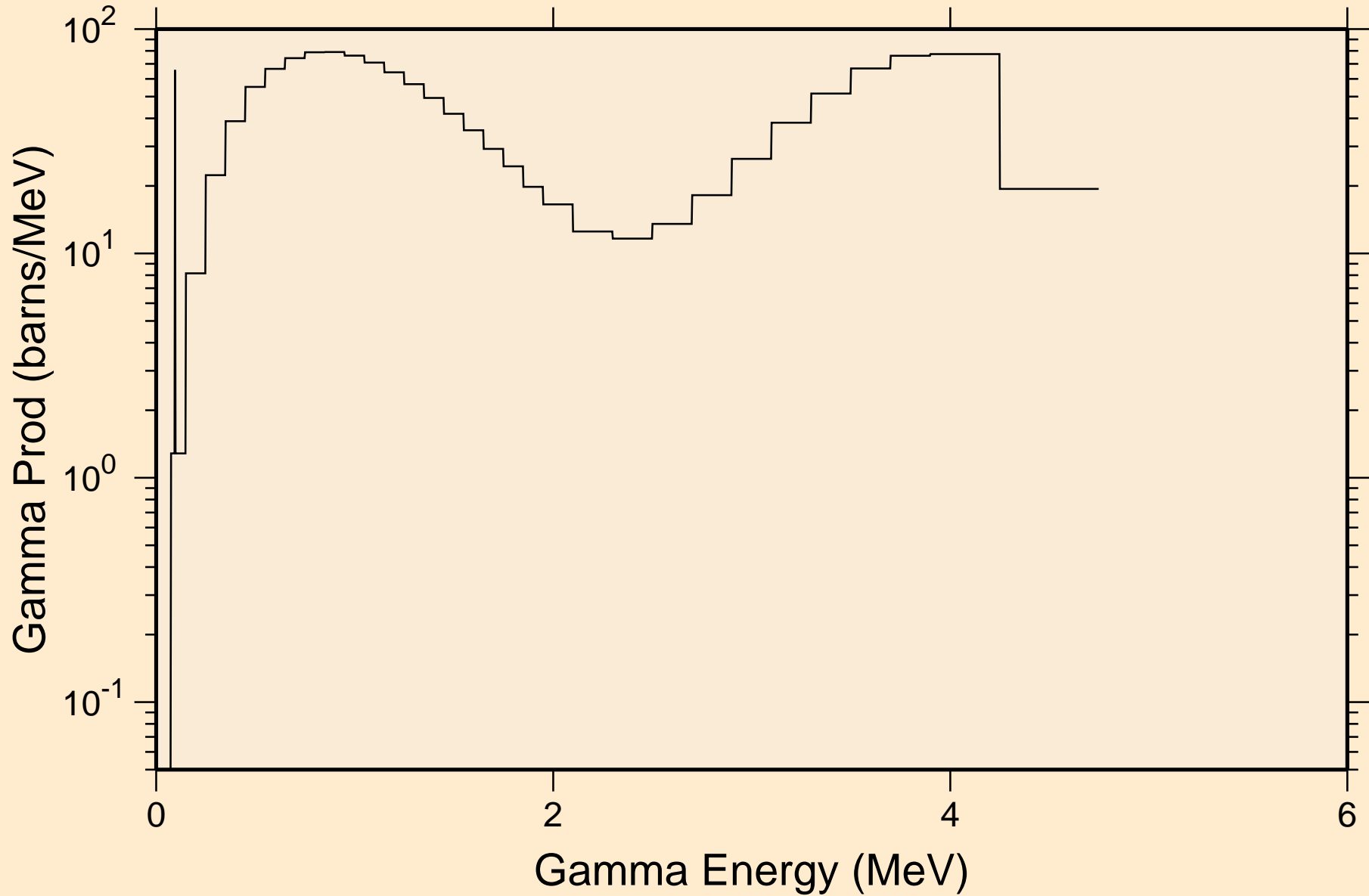
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



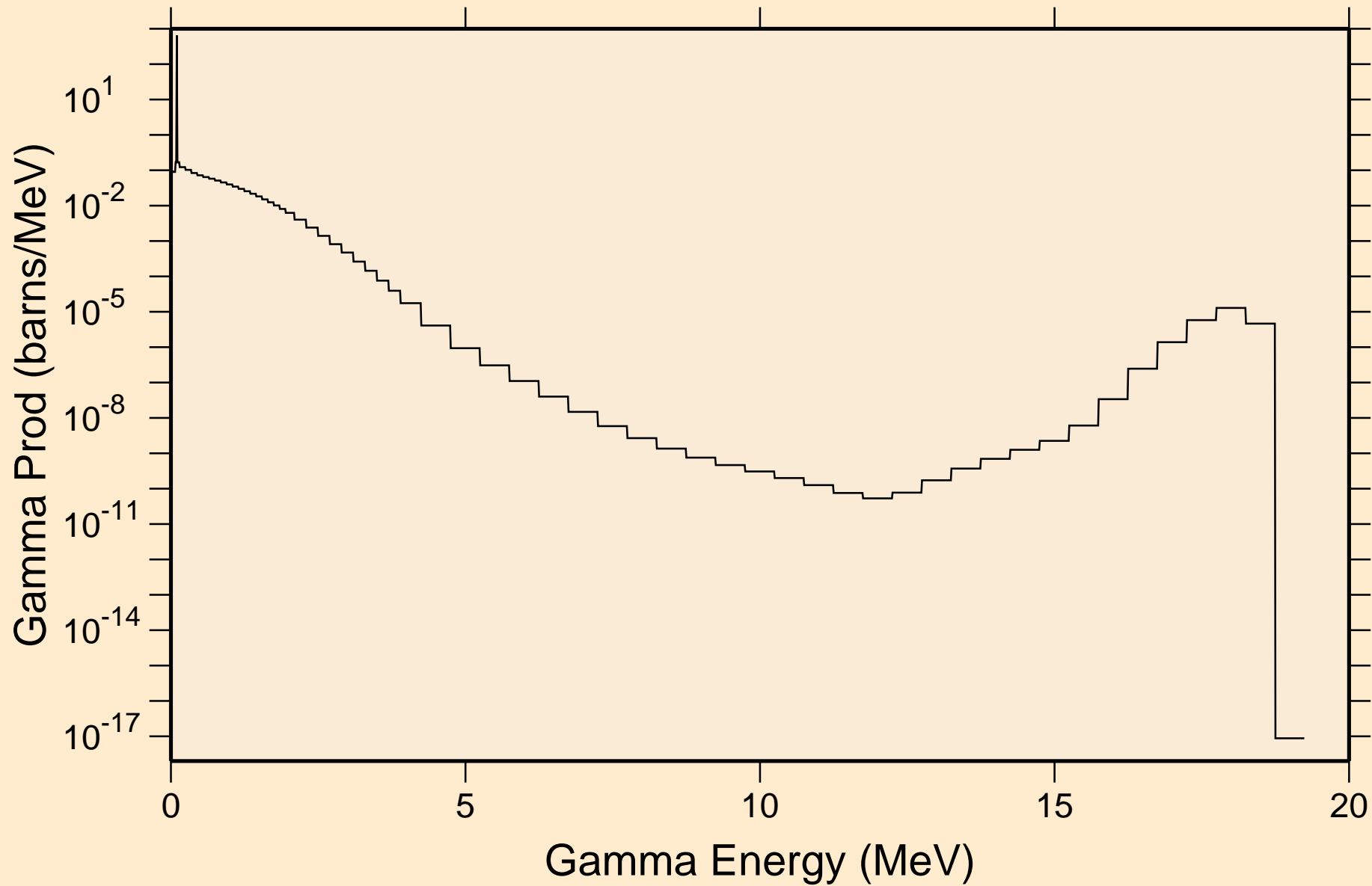
SG270 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SG270 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

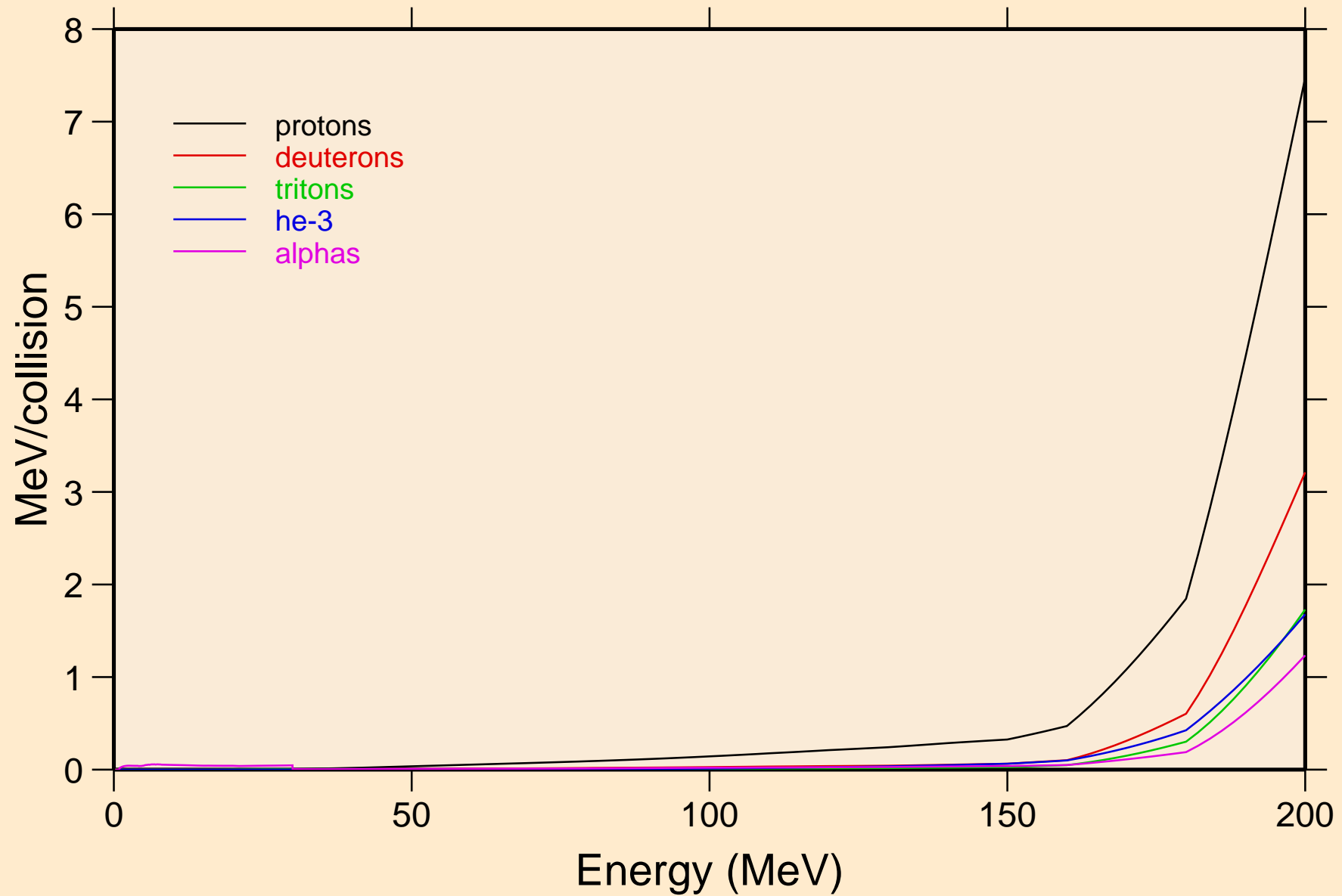


SG270 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



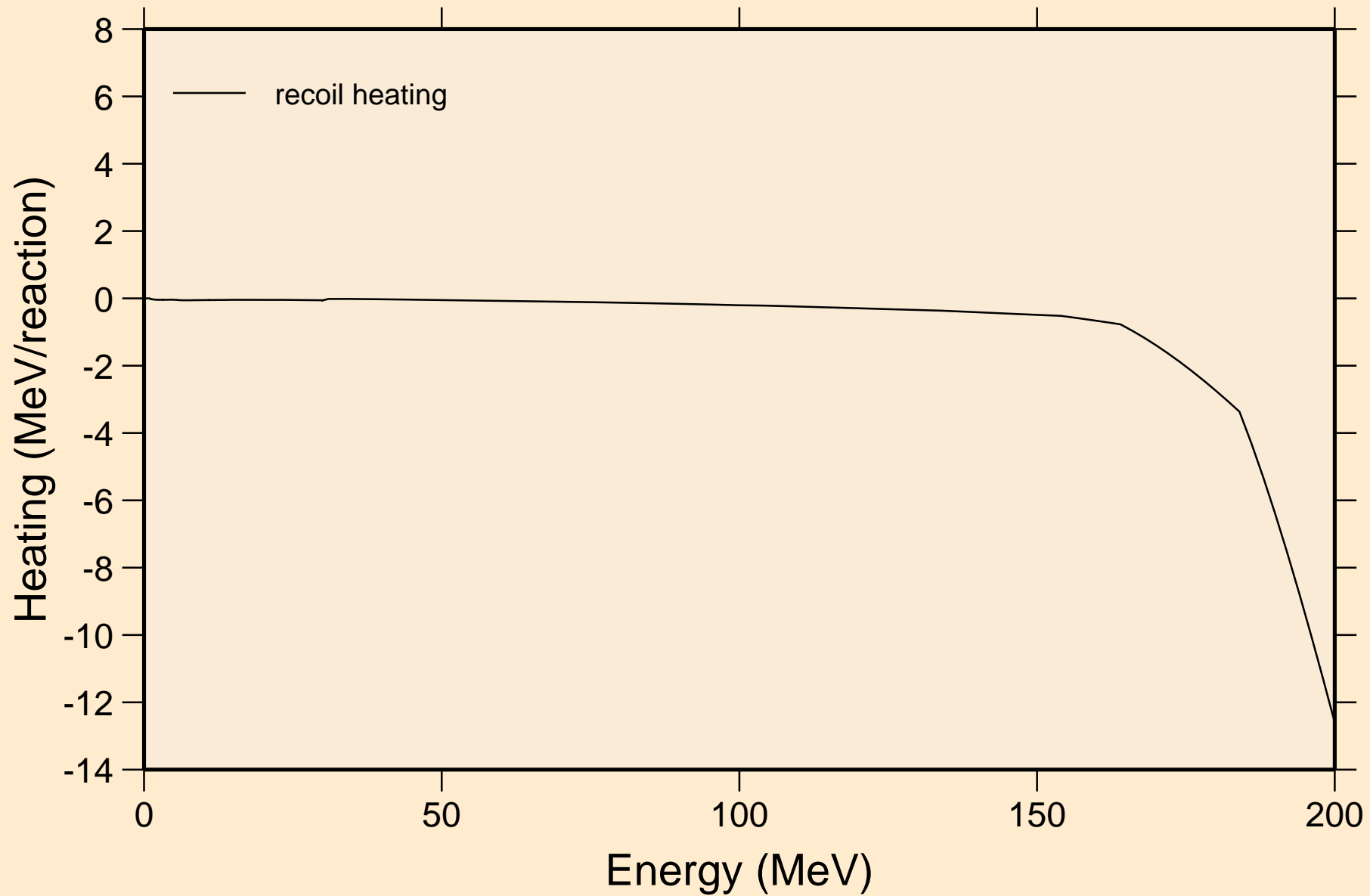
# SG270 NRG TENDL-2015, AKONING

## Particle heating contributions



# SG270 NRG TENDL-2015, AKONING

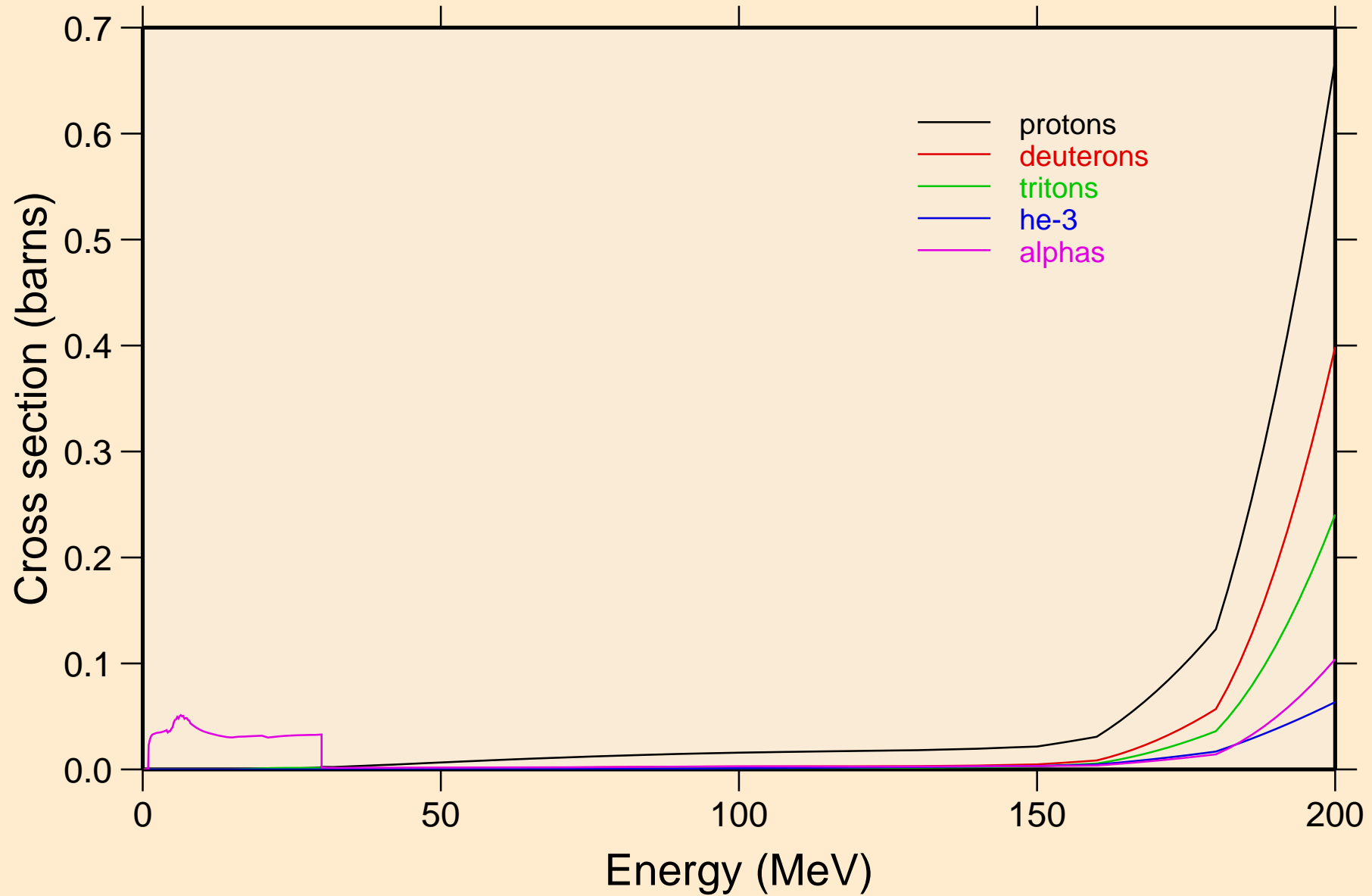
## Recoil Heating



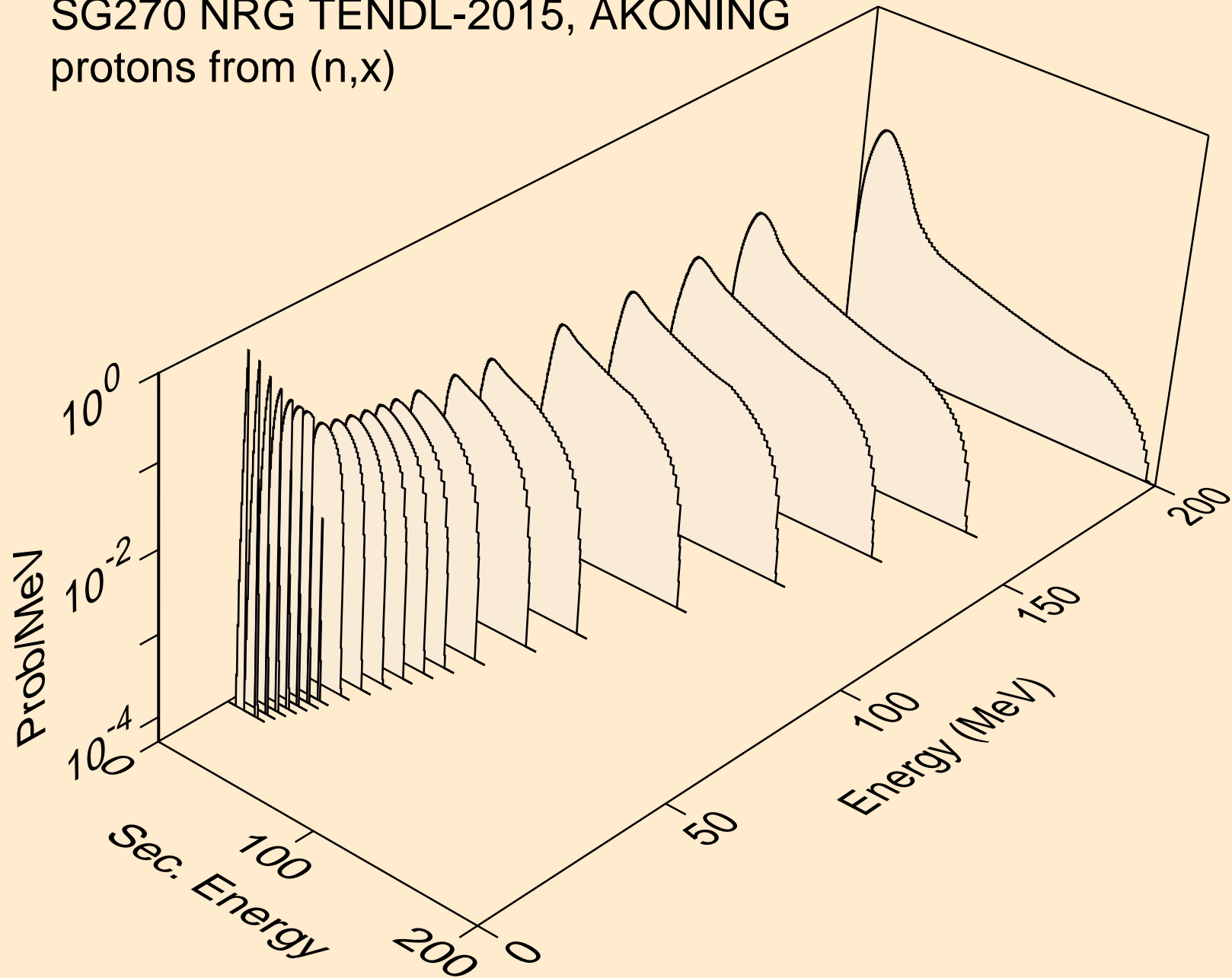


# SG270 NRG TENDL-2015, AKONING

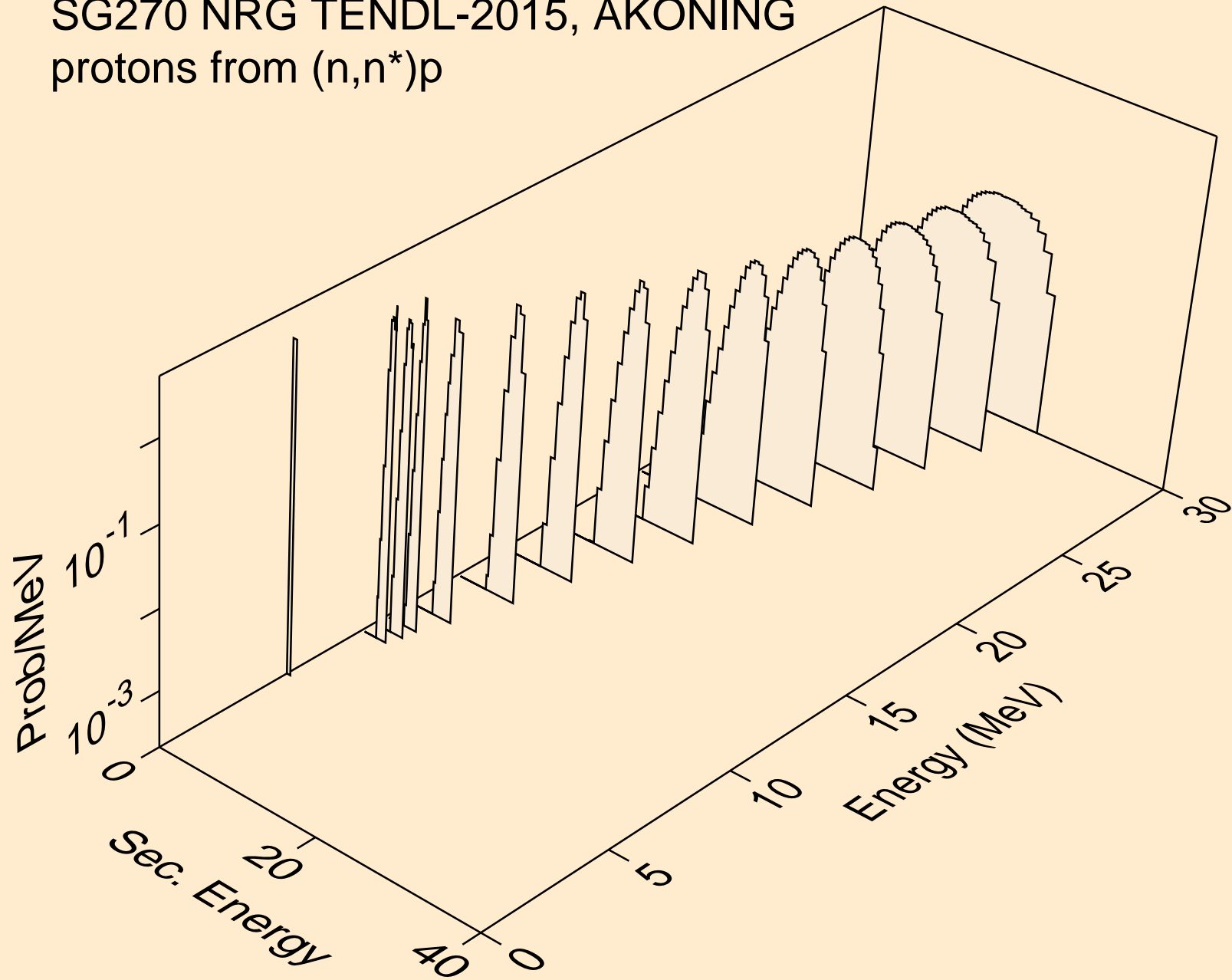
## Particle production cross sections



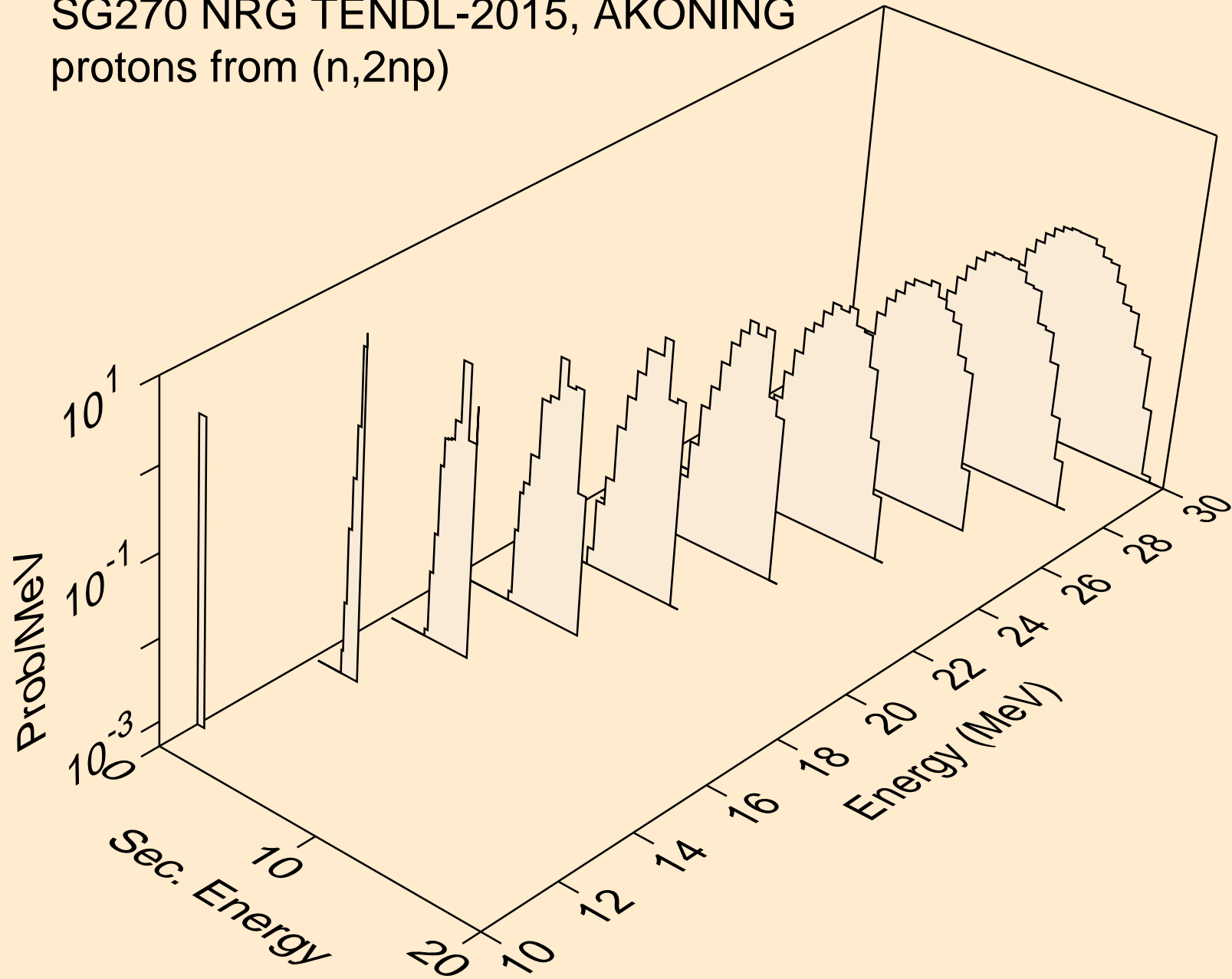
SG270 NRG TENDL-2015, AKONING  
protons from (n,x)



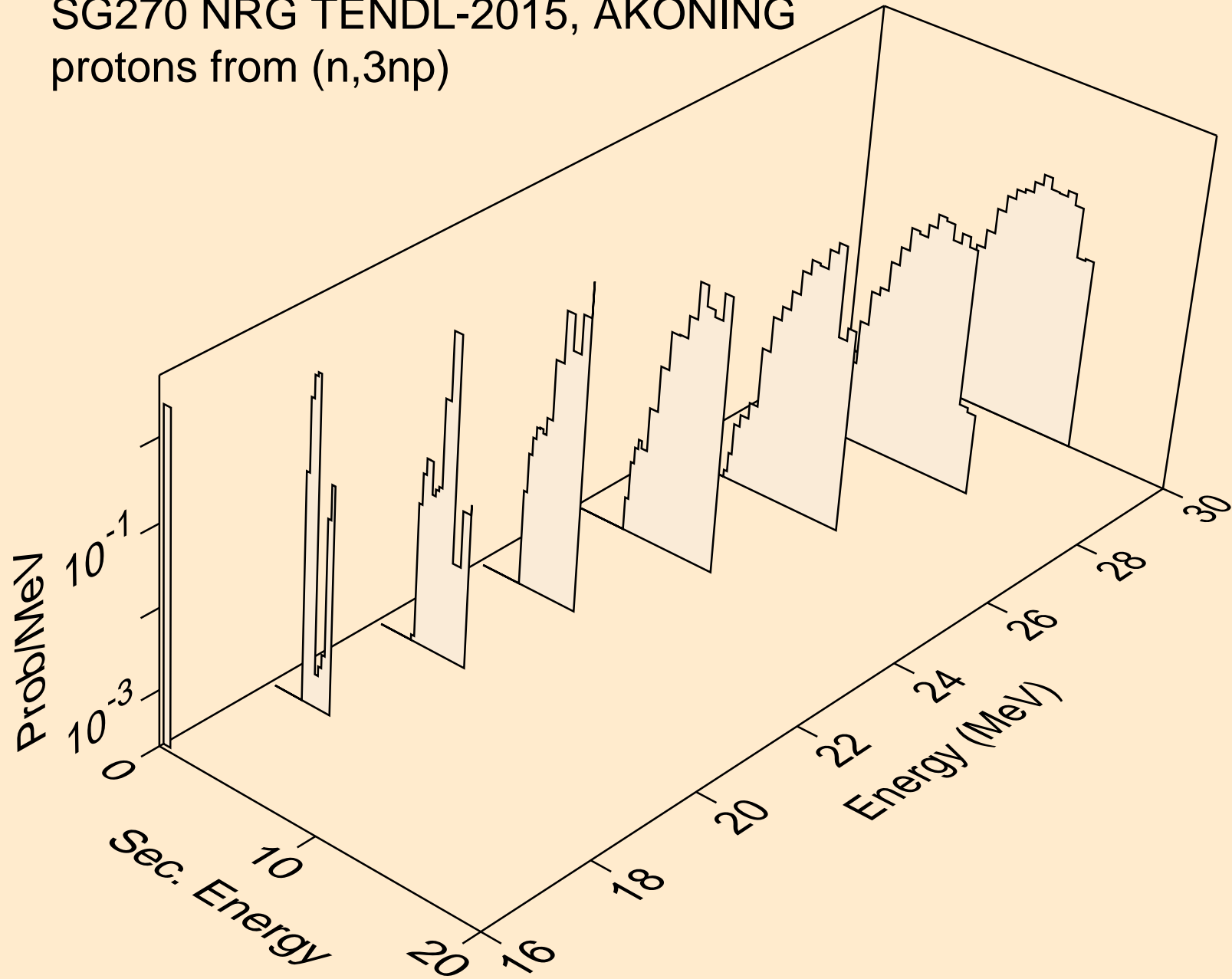
SG270 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



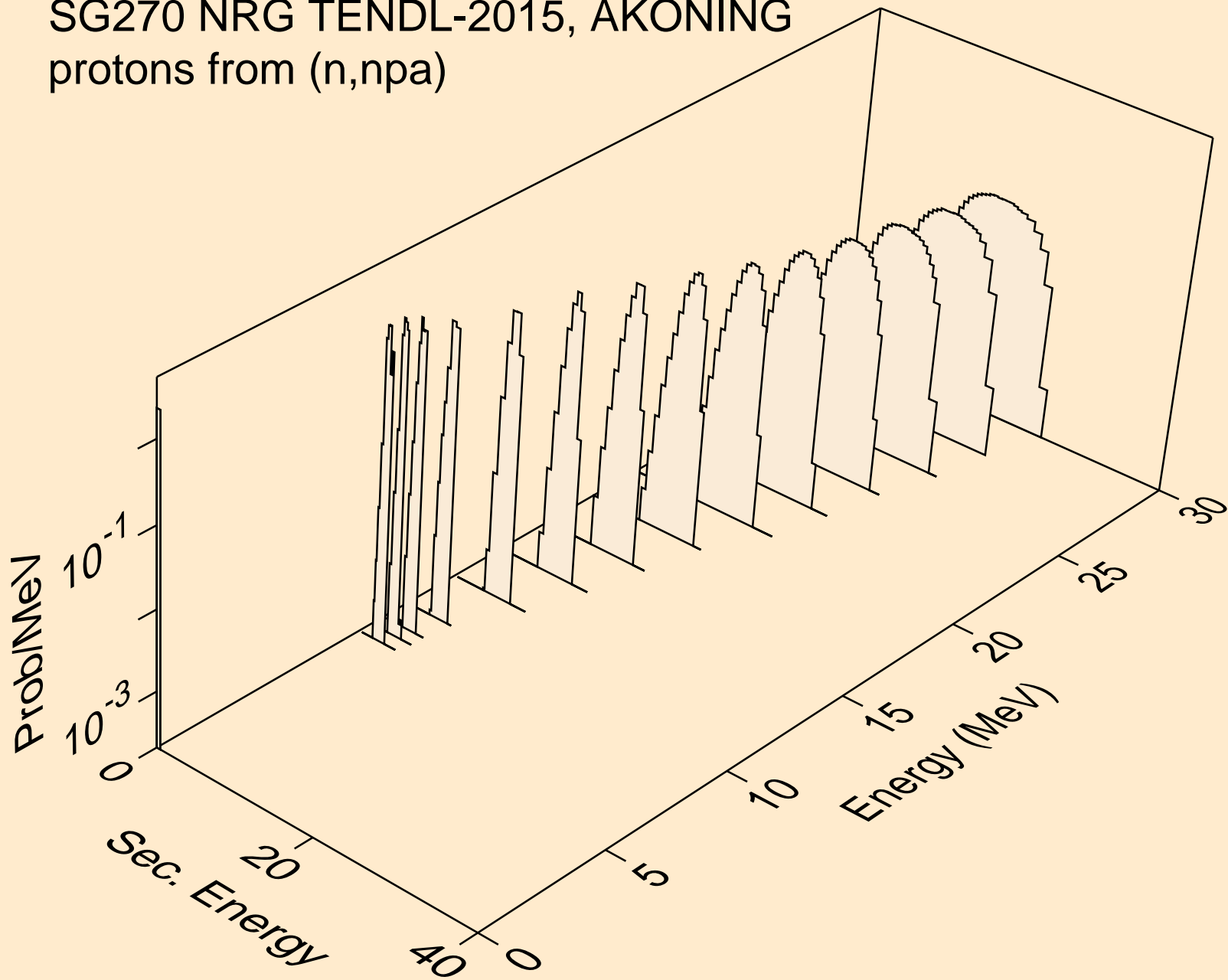
SG270 NRG TENDL-2015, AKONING  
protons from (n,2np)



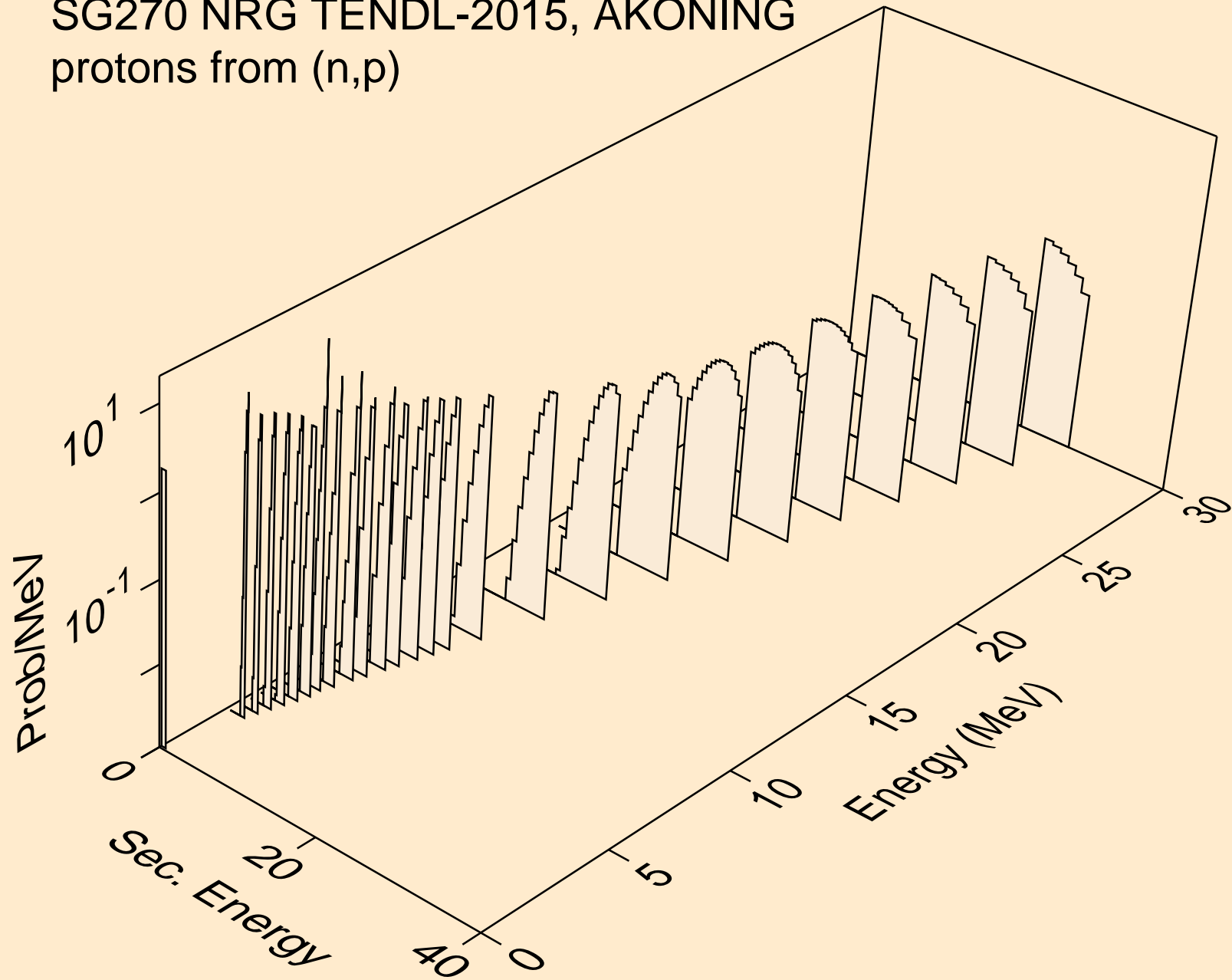
SG270 NRG TENDL-2015, AKONING  
protons from (n,3np)



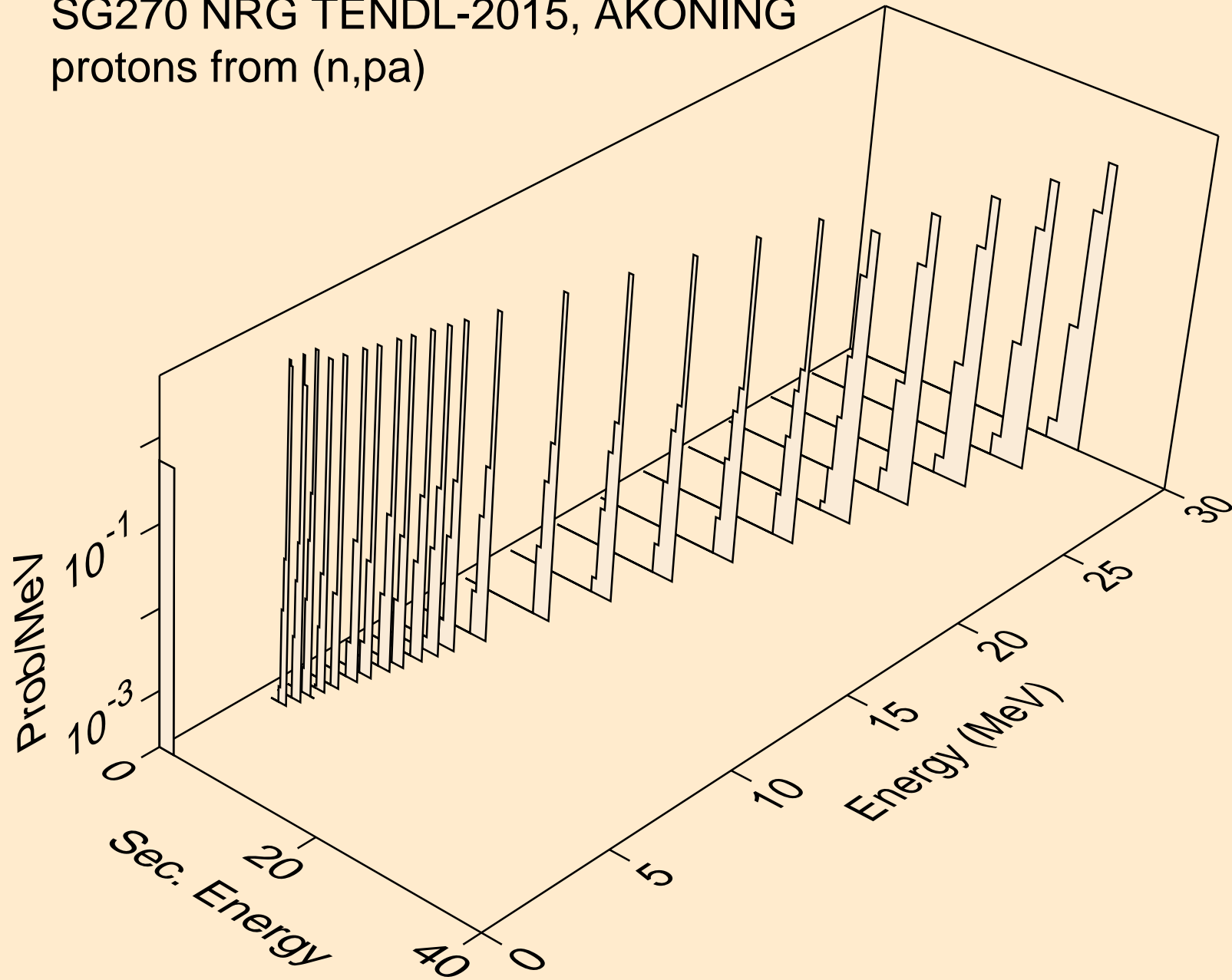
SG270 NRG TENDL-2015, AKONING  
protons from (n,npa)



SG270 NRG TENDL-2015, AKONING  
protons from (n,p)

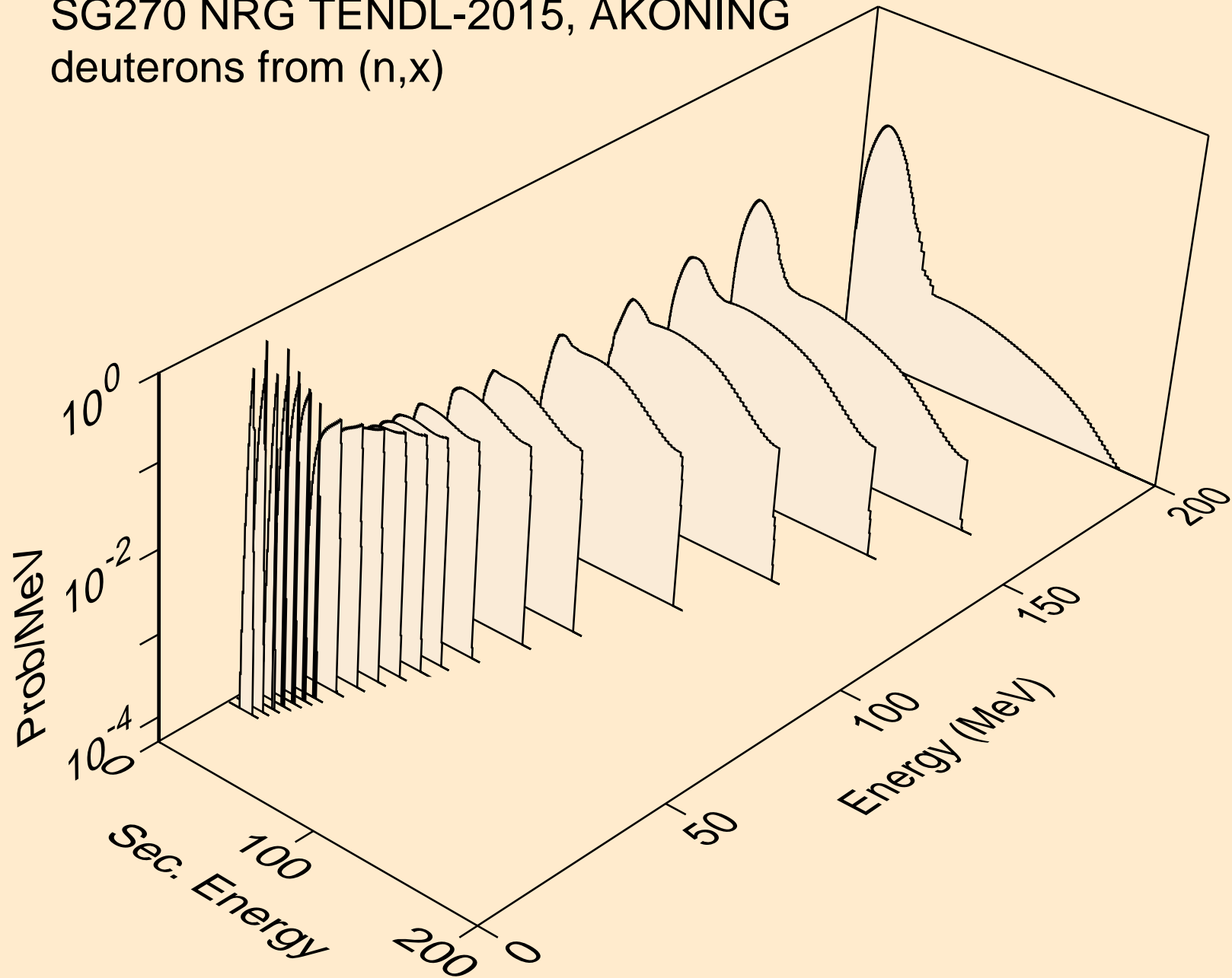


SG270 NRG TENDL-2015, AKONING  
protons from (n,pa)

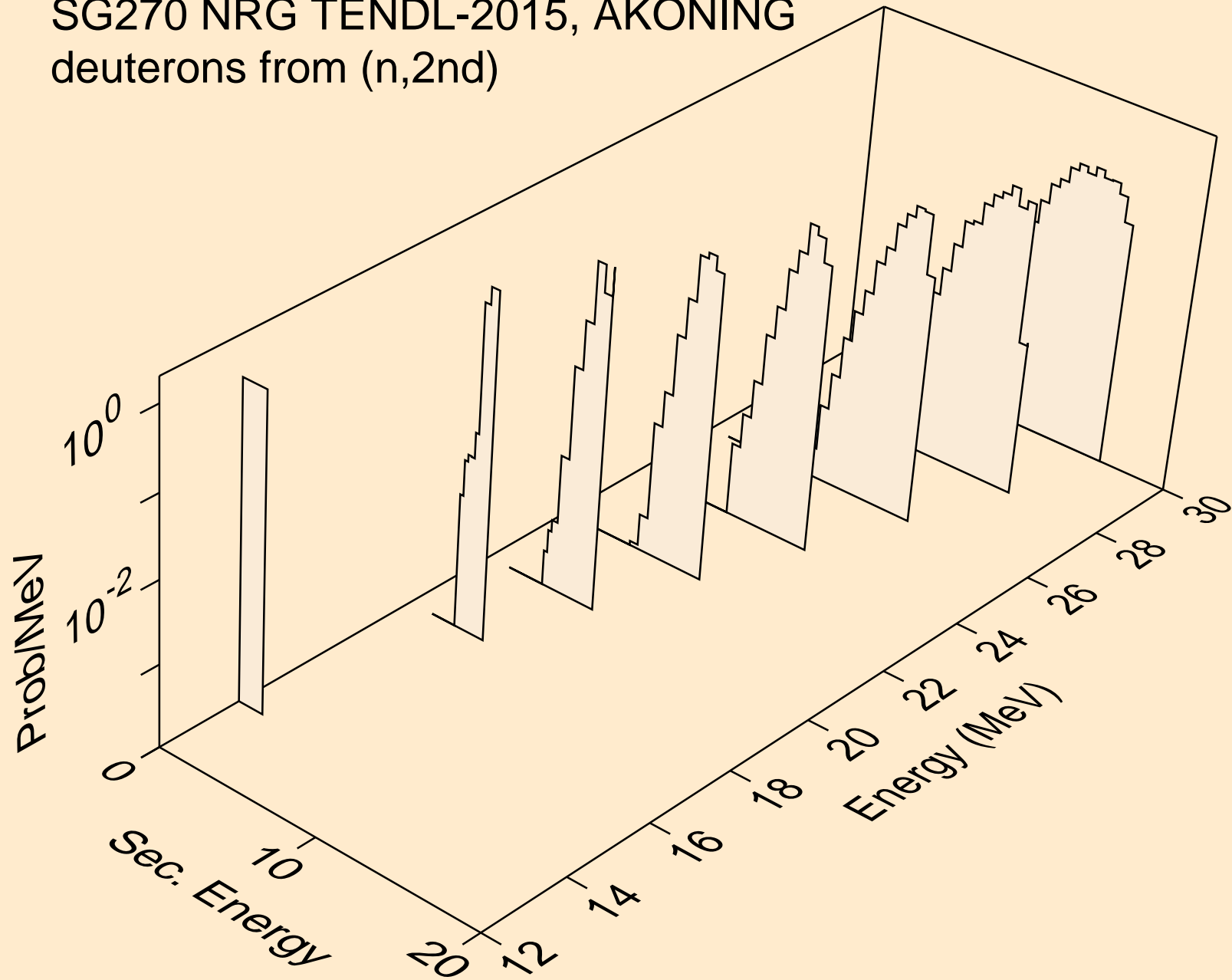




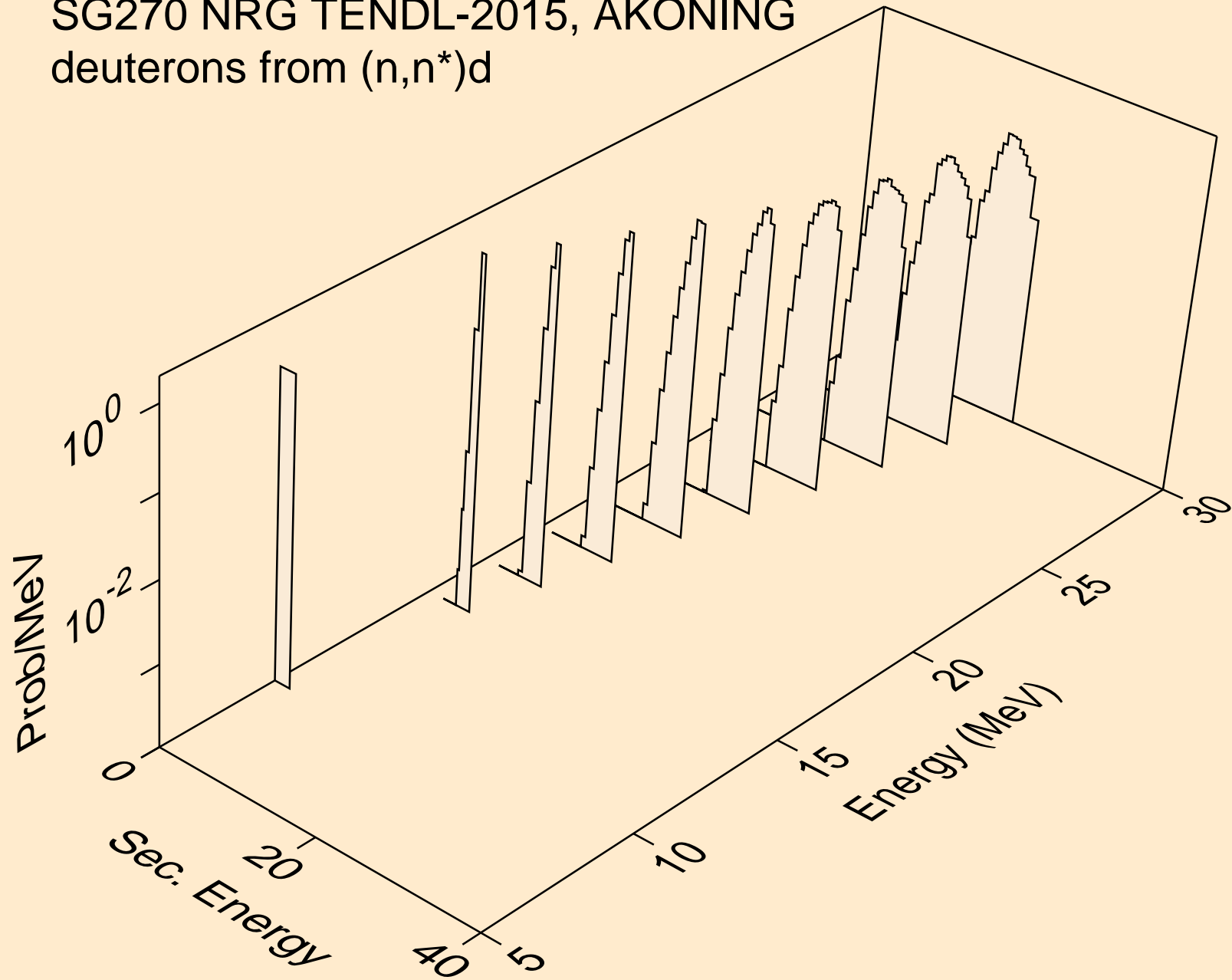
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,x)



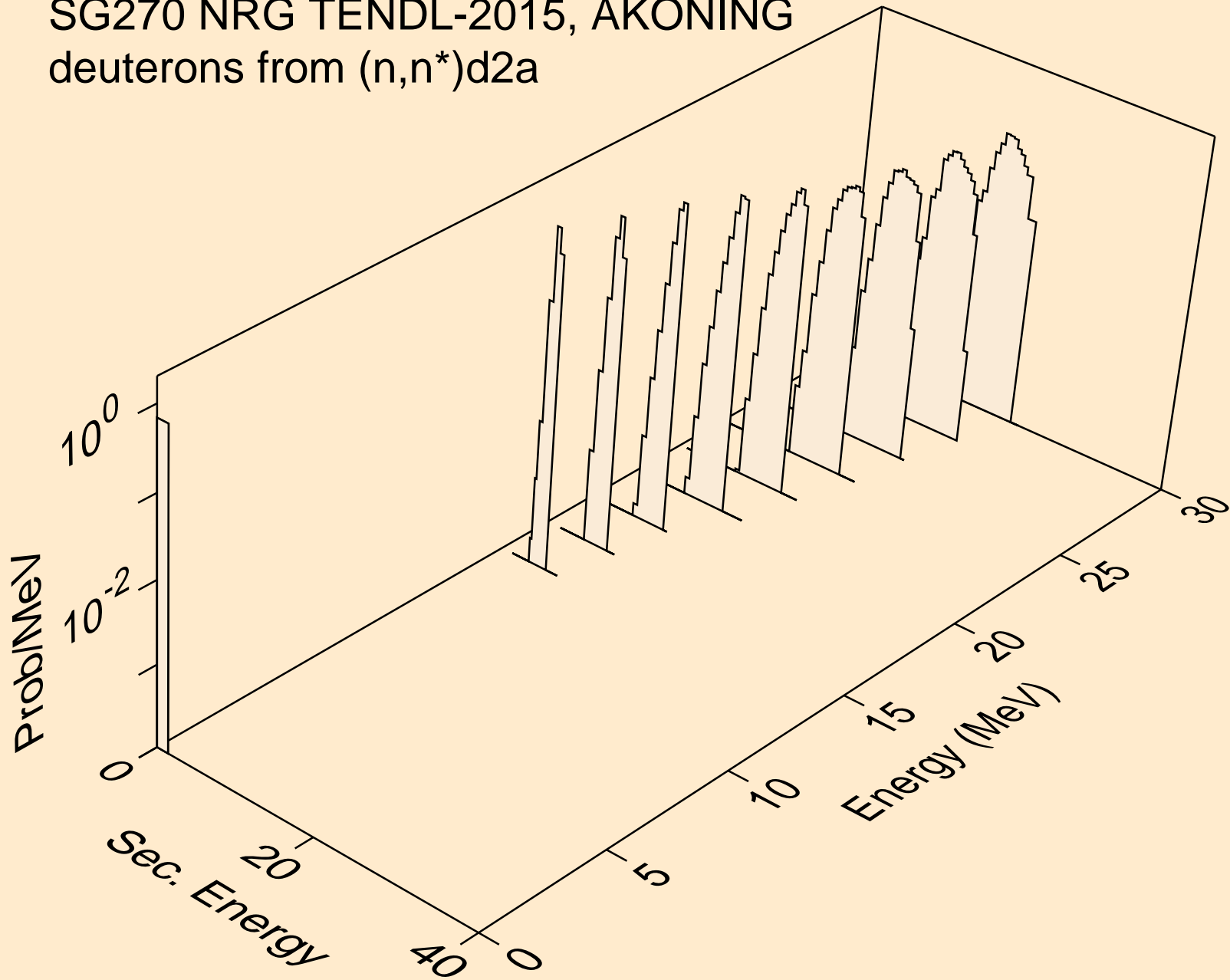
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



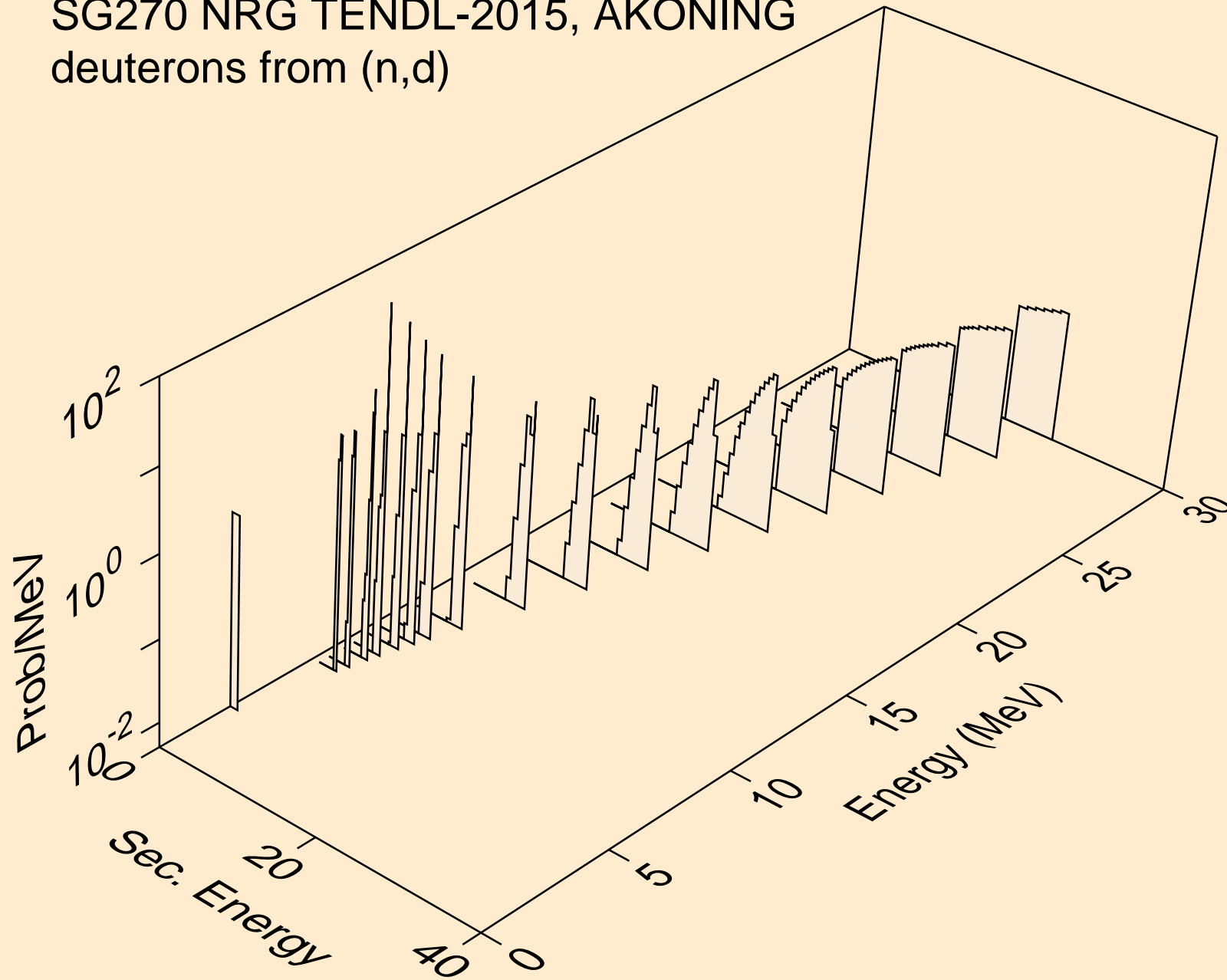
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



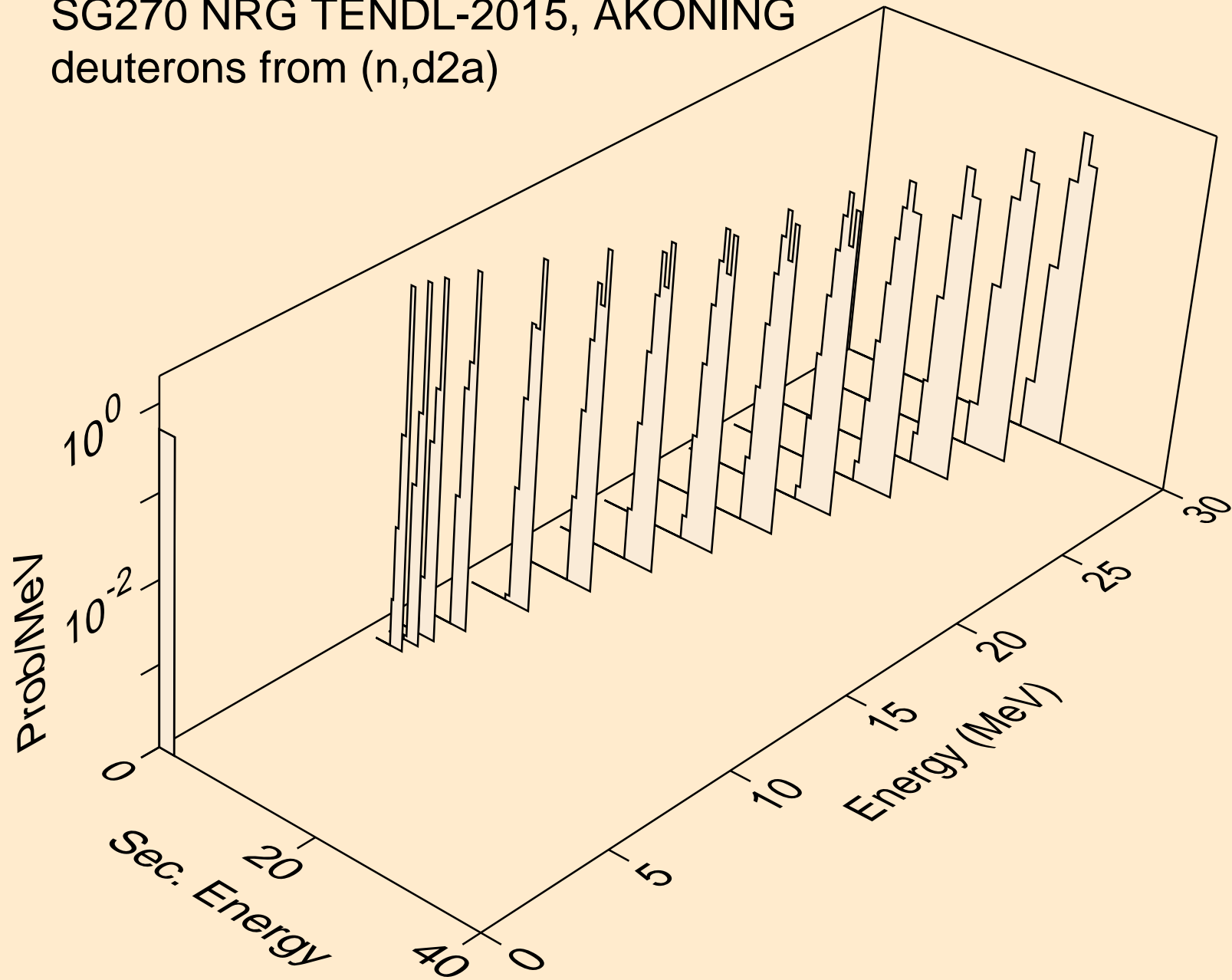
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



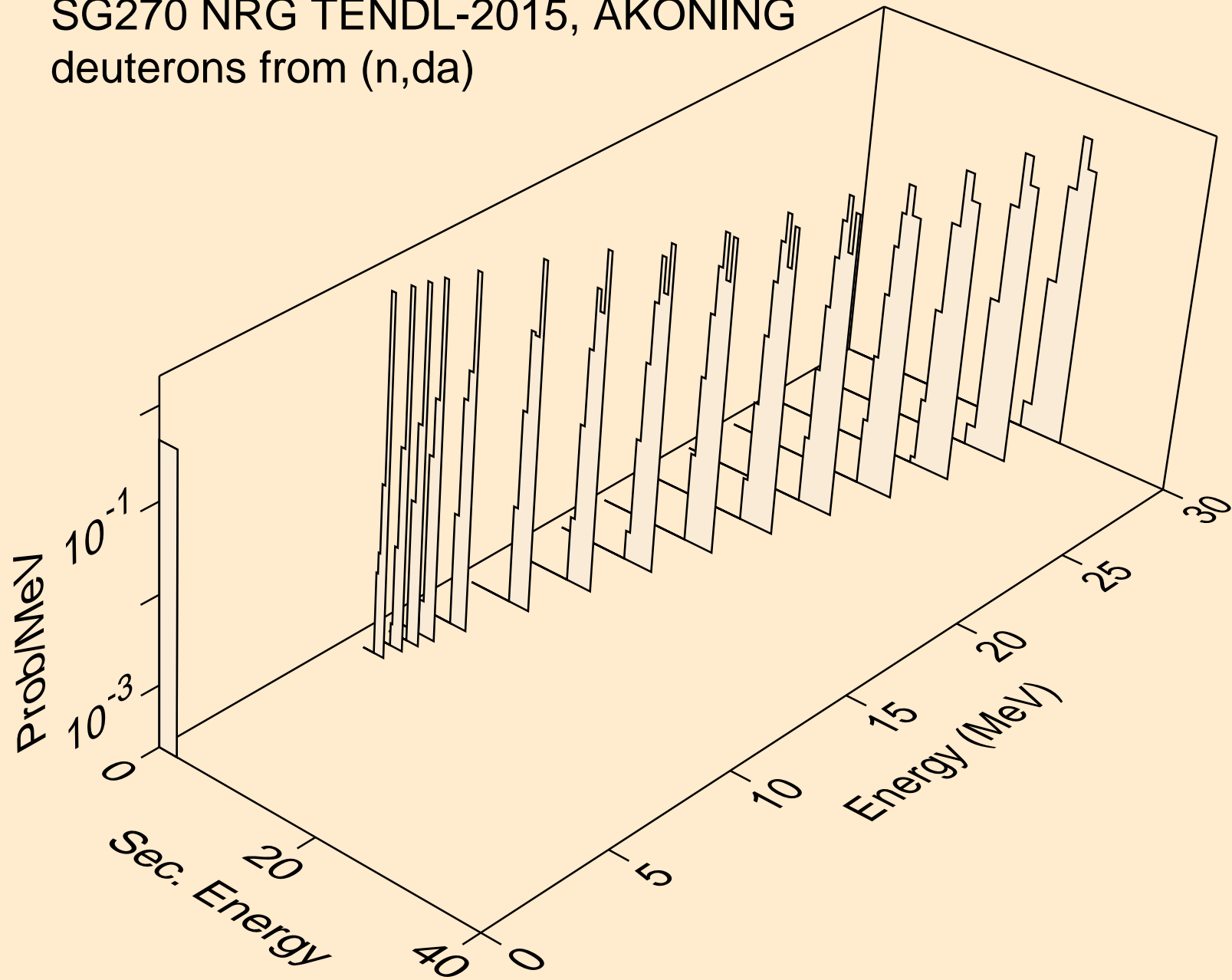
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,d)



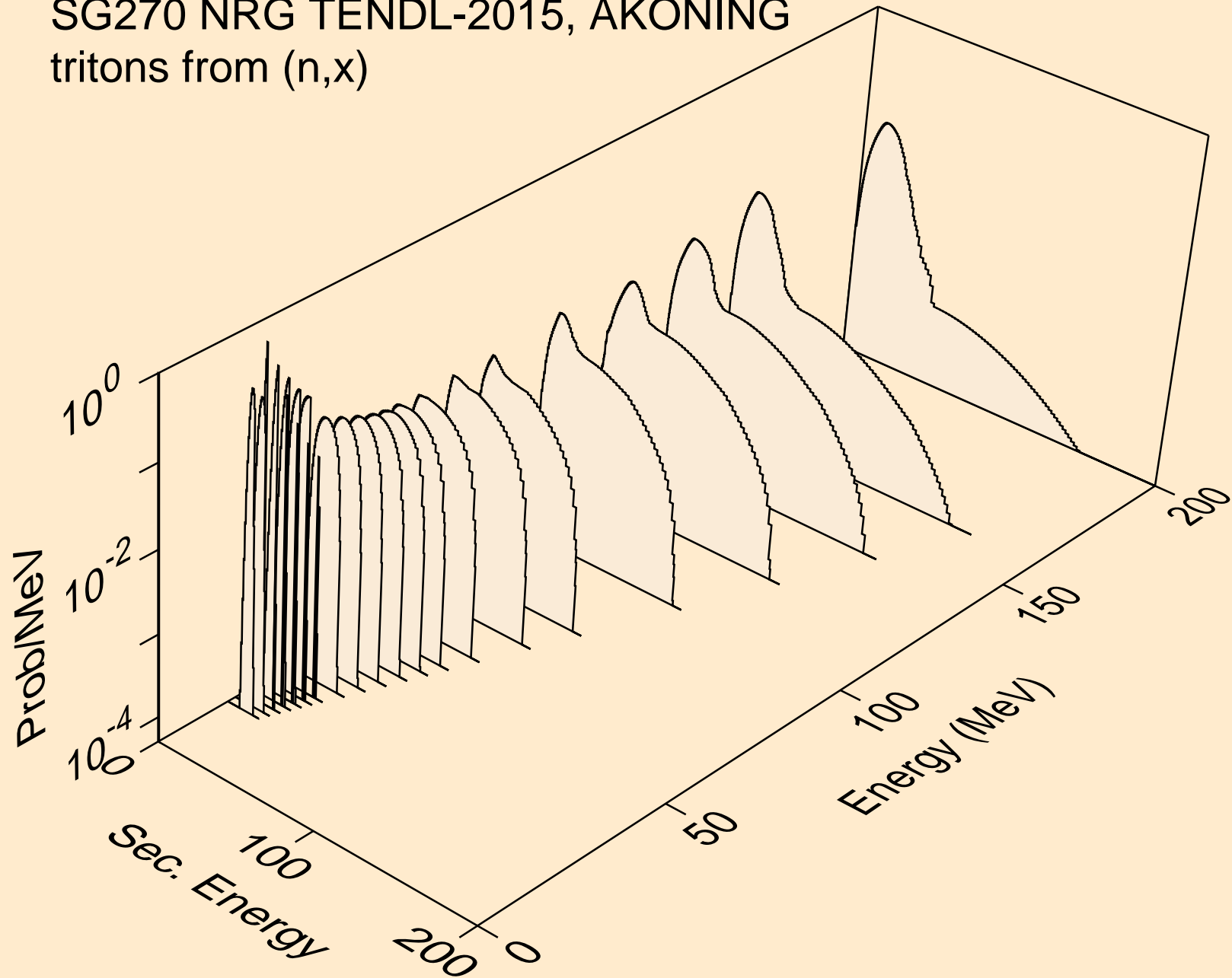
SG270 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



SG270 NRG TENDL-2015, AKONING  
deuterons from (n,da)

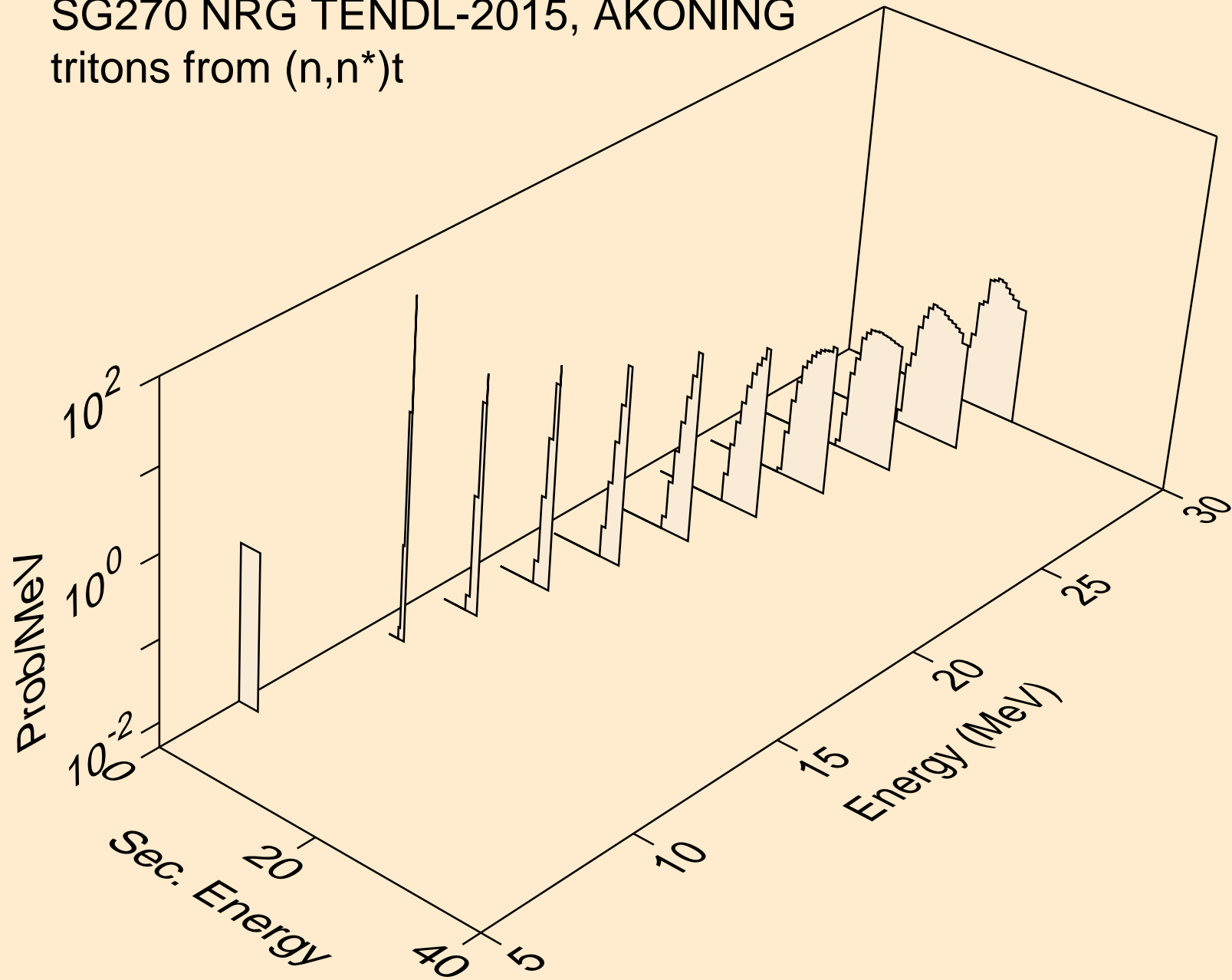


SG270 NRG TENDL-2015, AKONING  
tritons from (n,x)

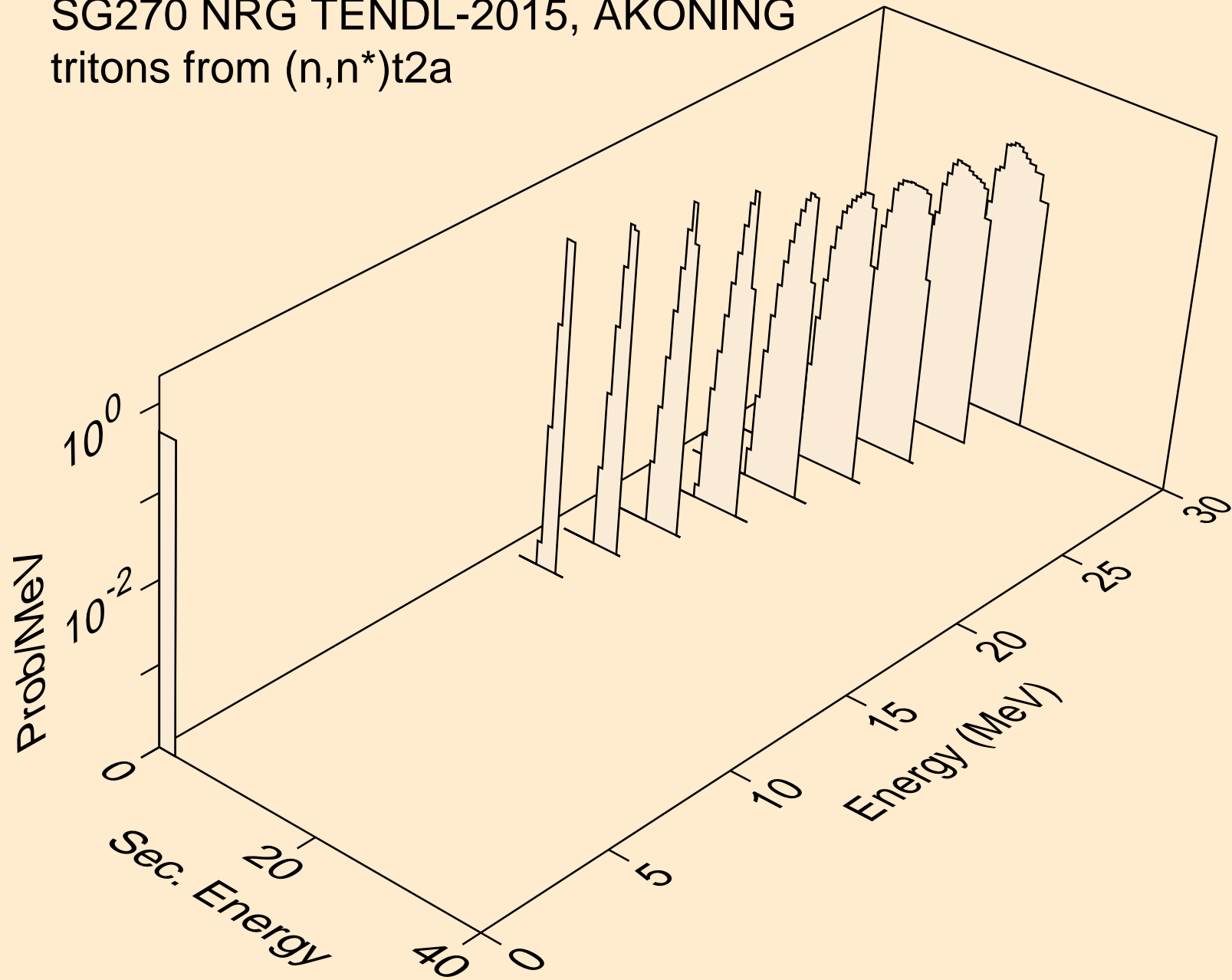




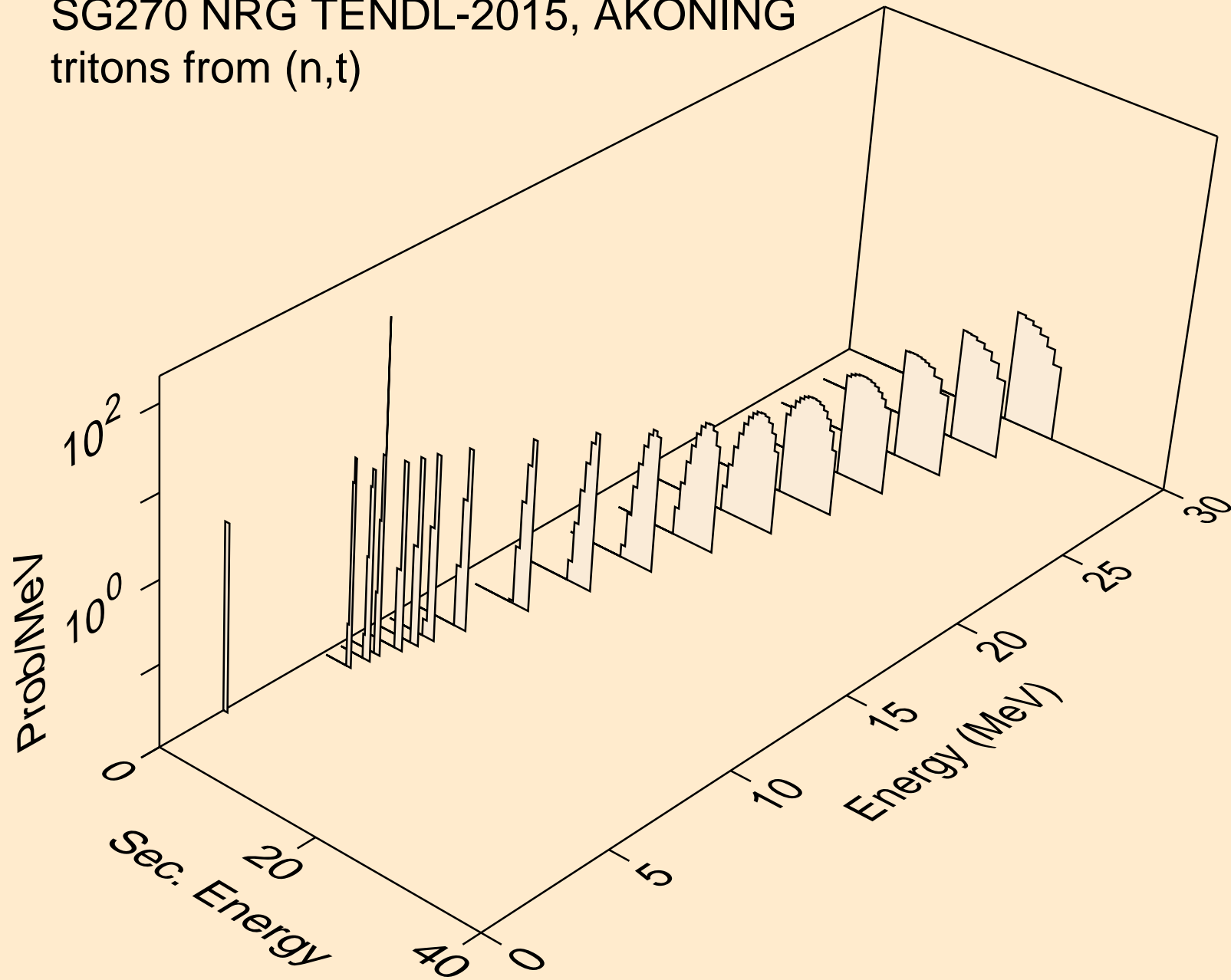
SG270 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



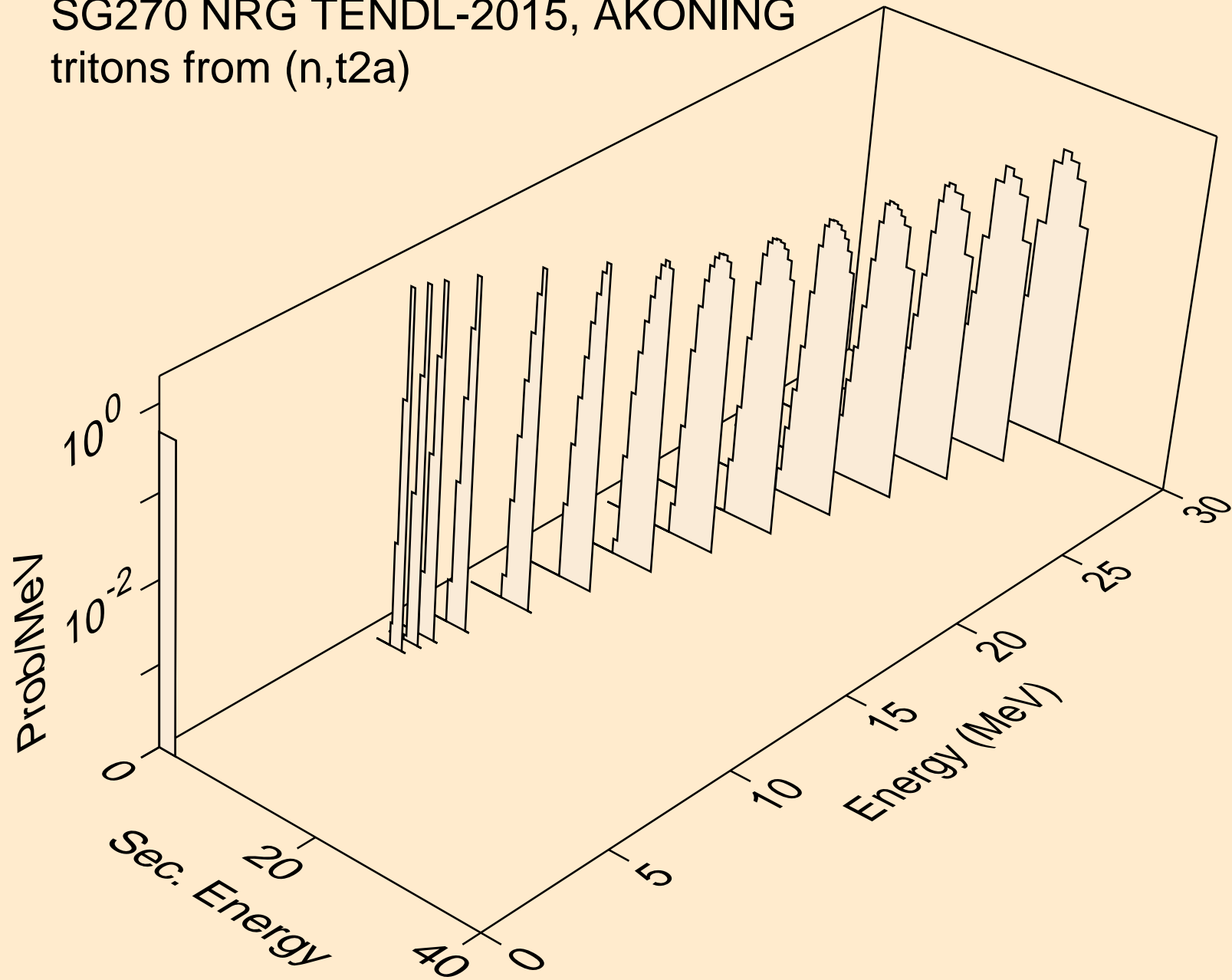
SG270 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



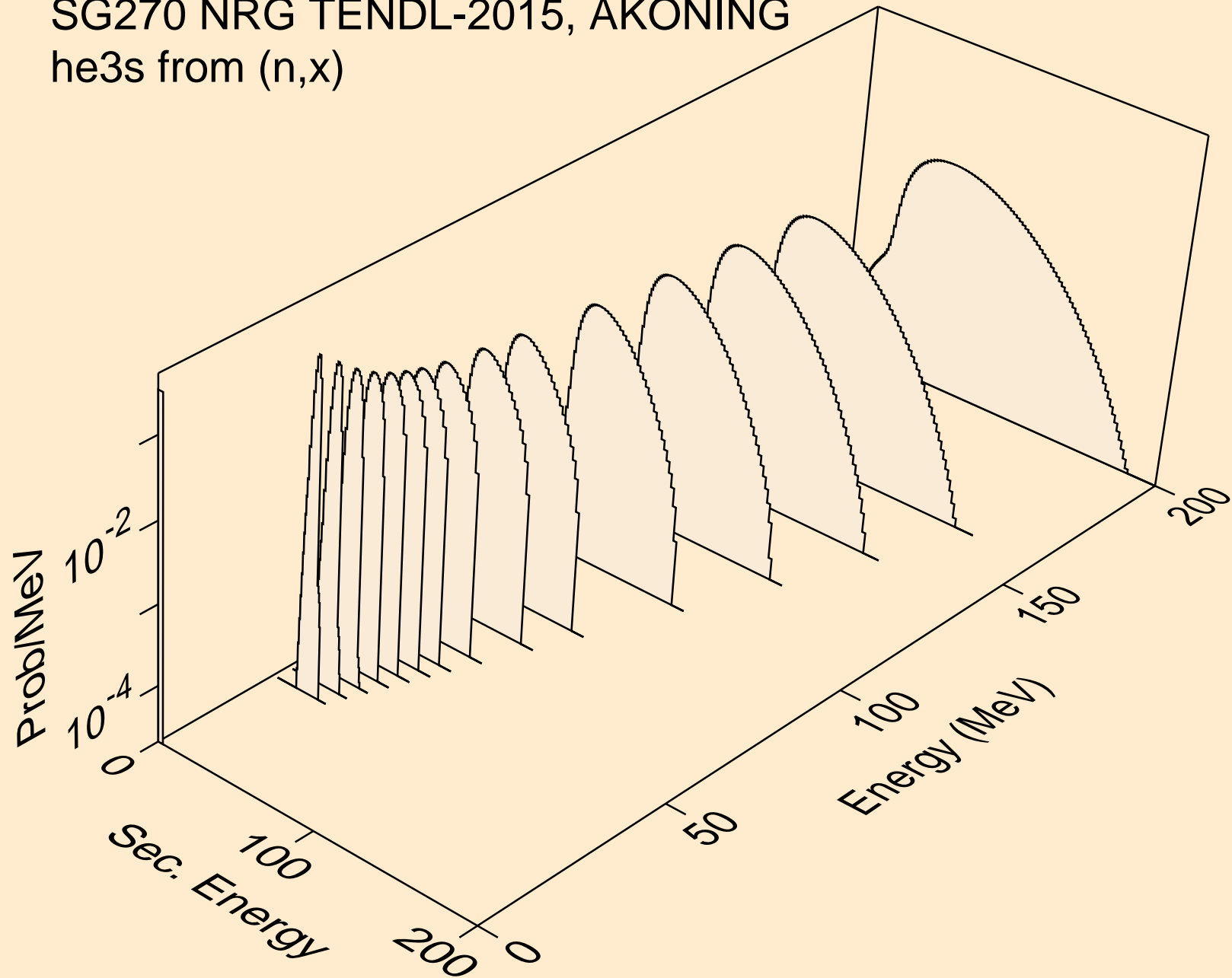
SG270 NRG TENDL-2015, AKONING  
tritons from (n,t)



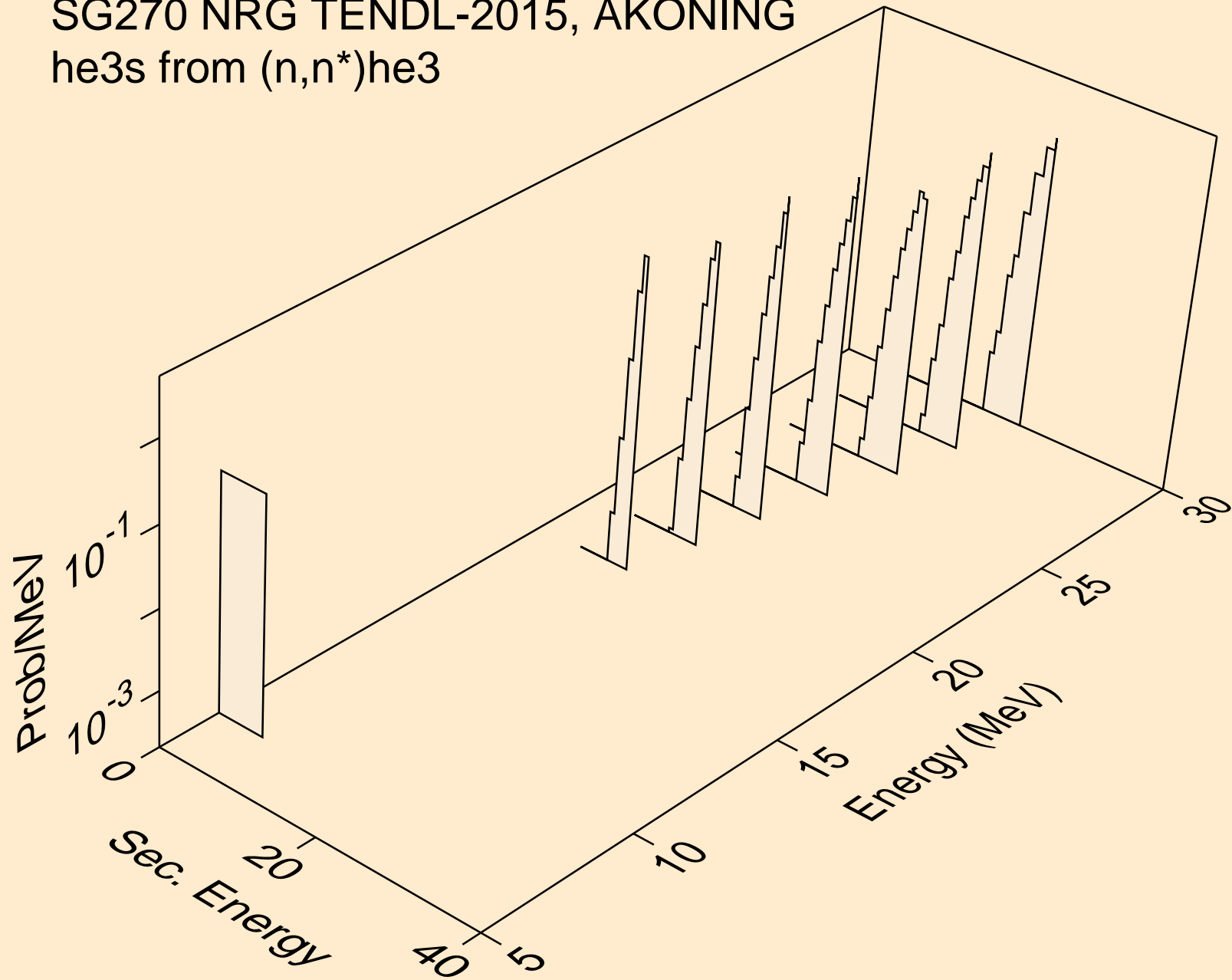
SG270 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



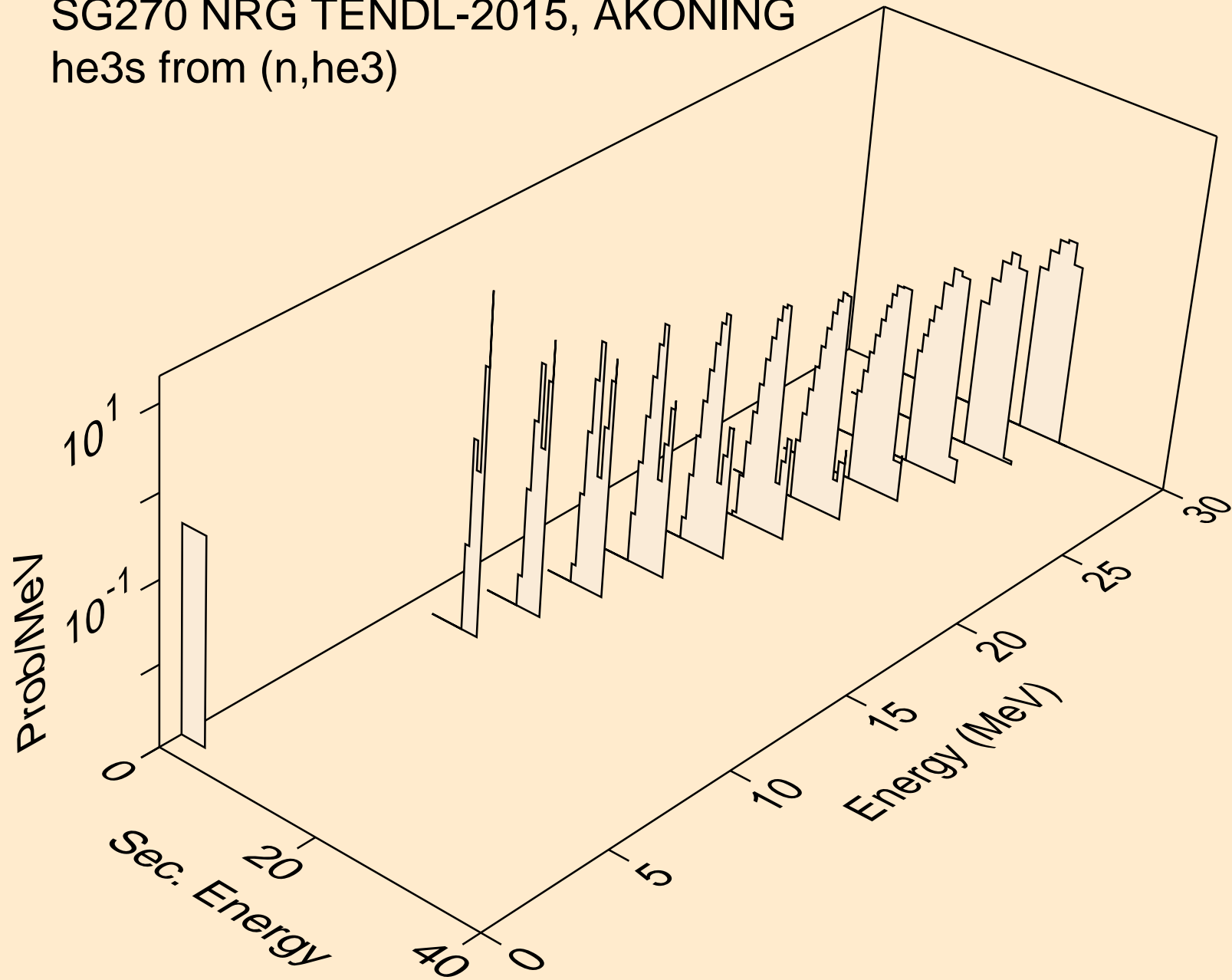
SG270 NRG TENDL-2015, AKONING  
he3s from (n,x)



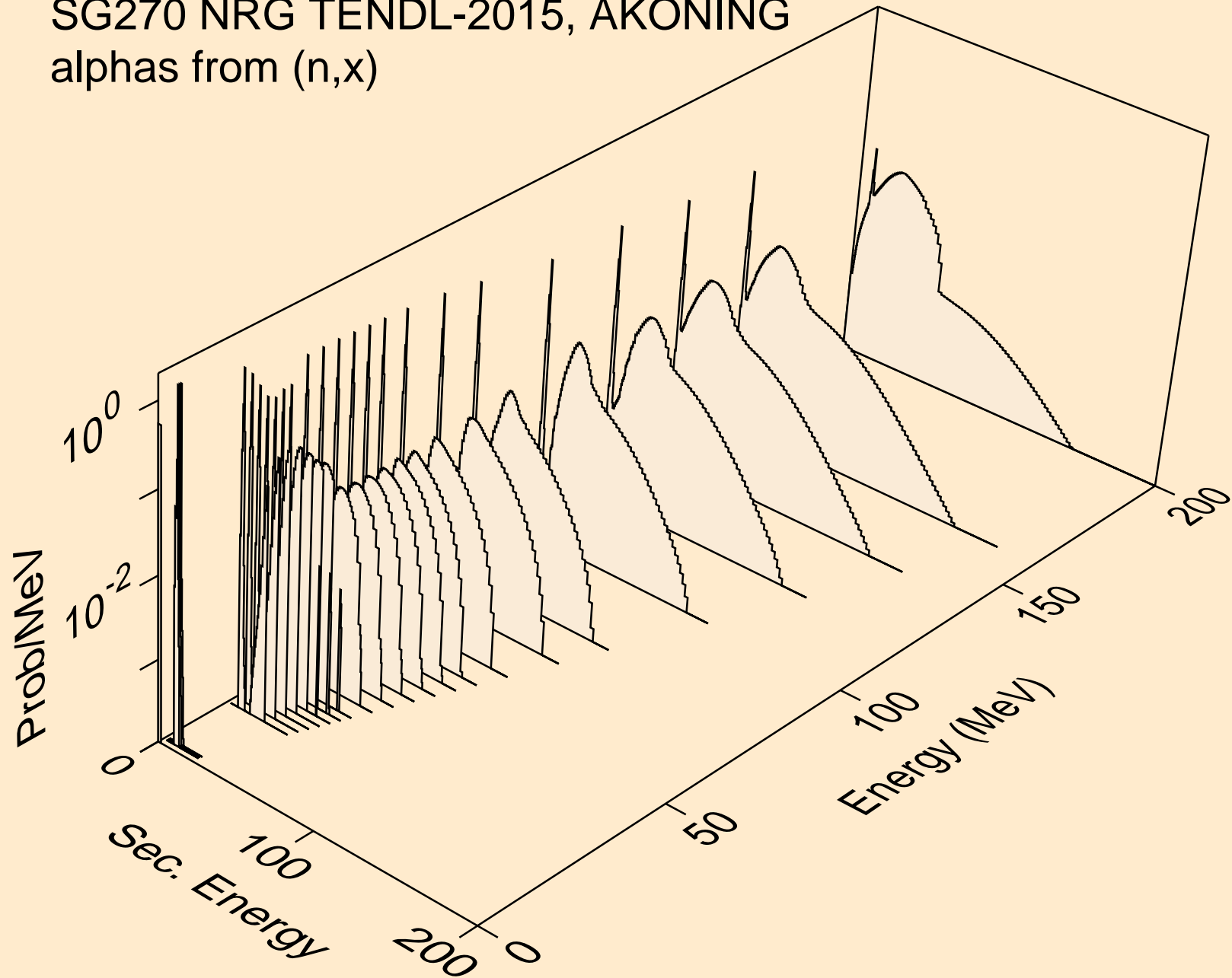
SG270 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



SG270 NRG TENDL-2015, AKONING  
he3s from (n,he3)

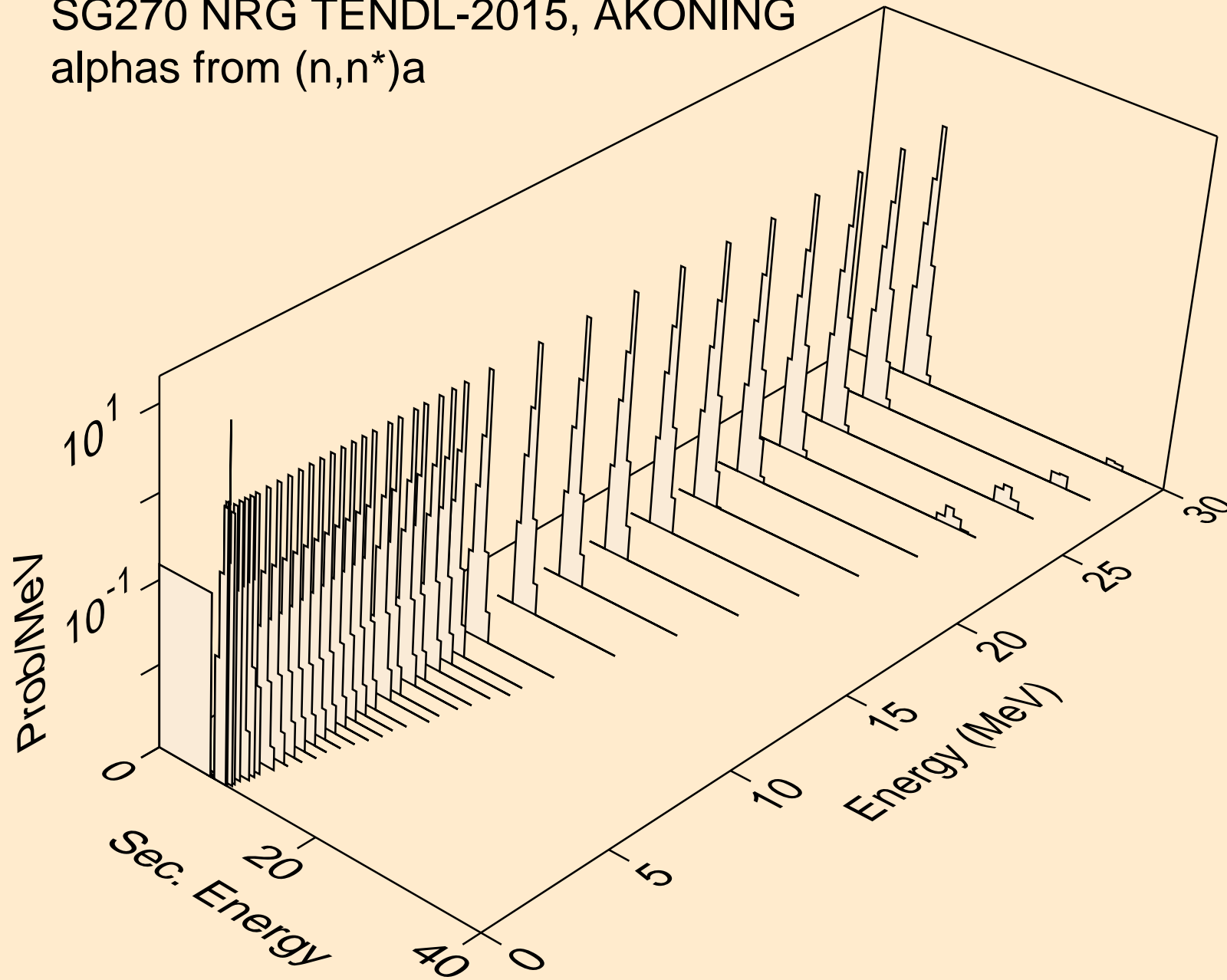


SG270 NRG TENDL-2015, AKONING  
alphas from (n,x)

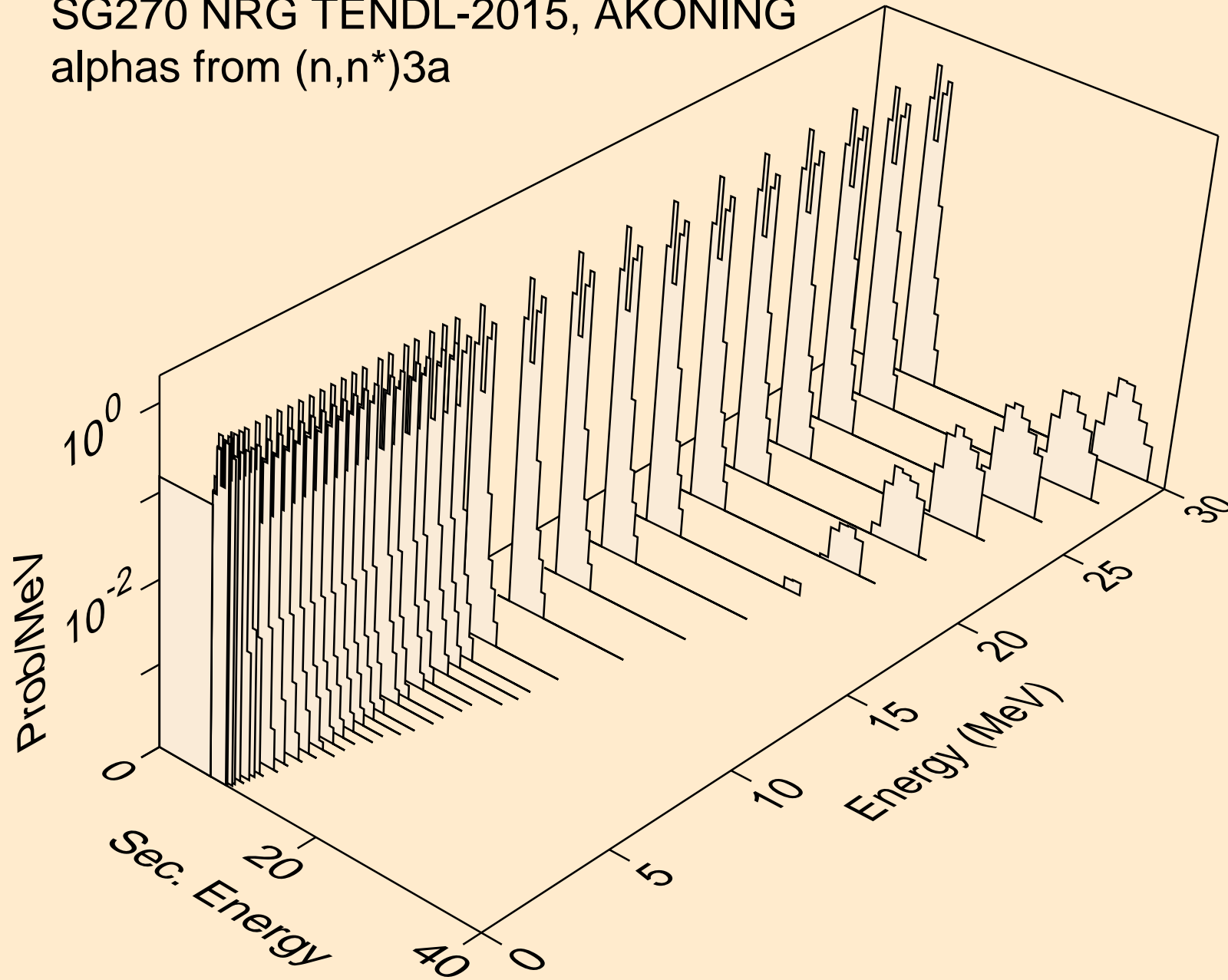




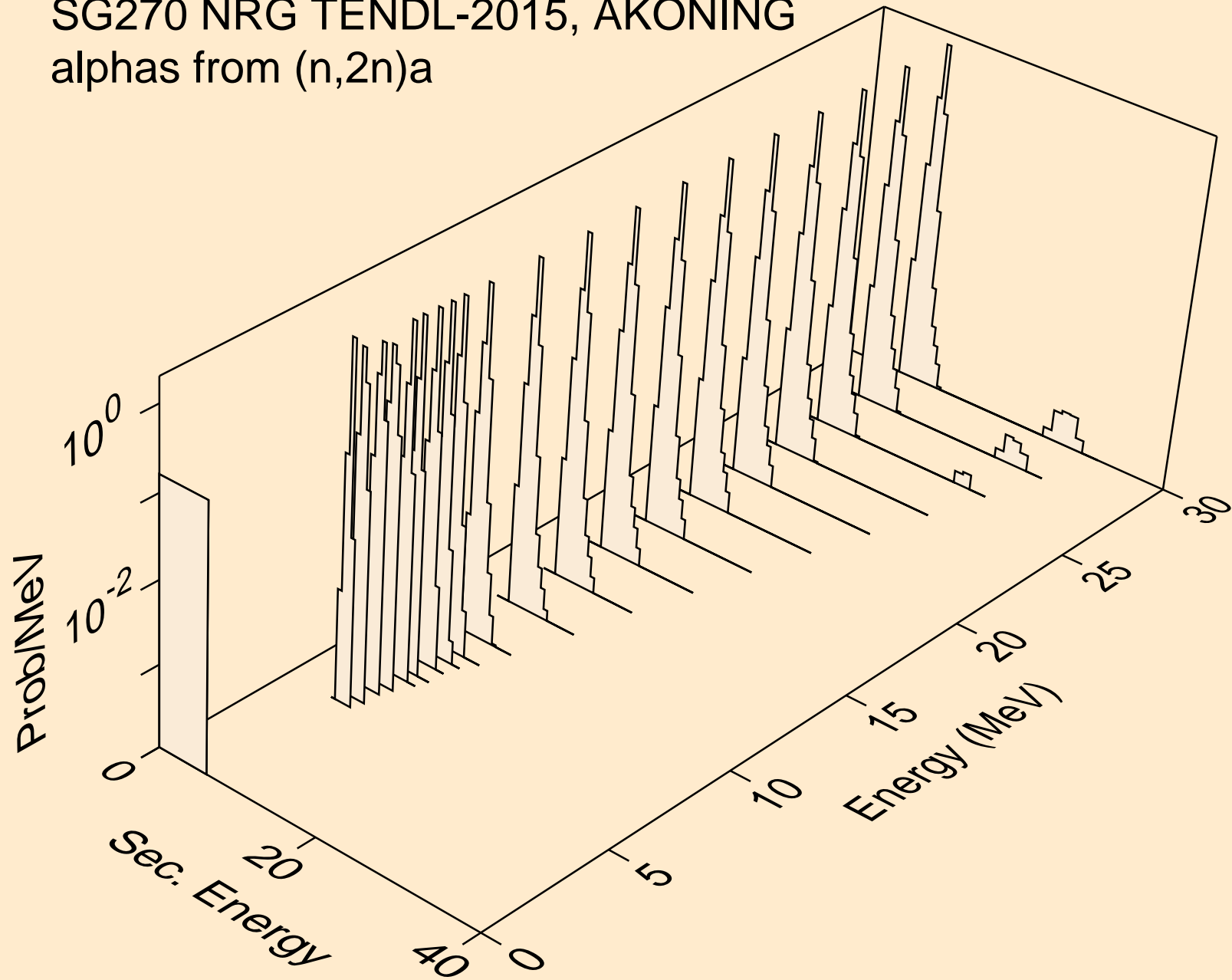
SG270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



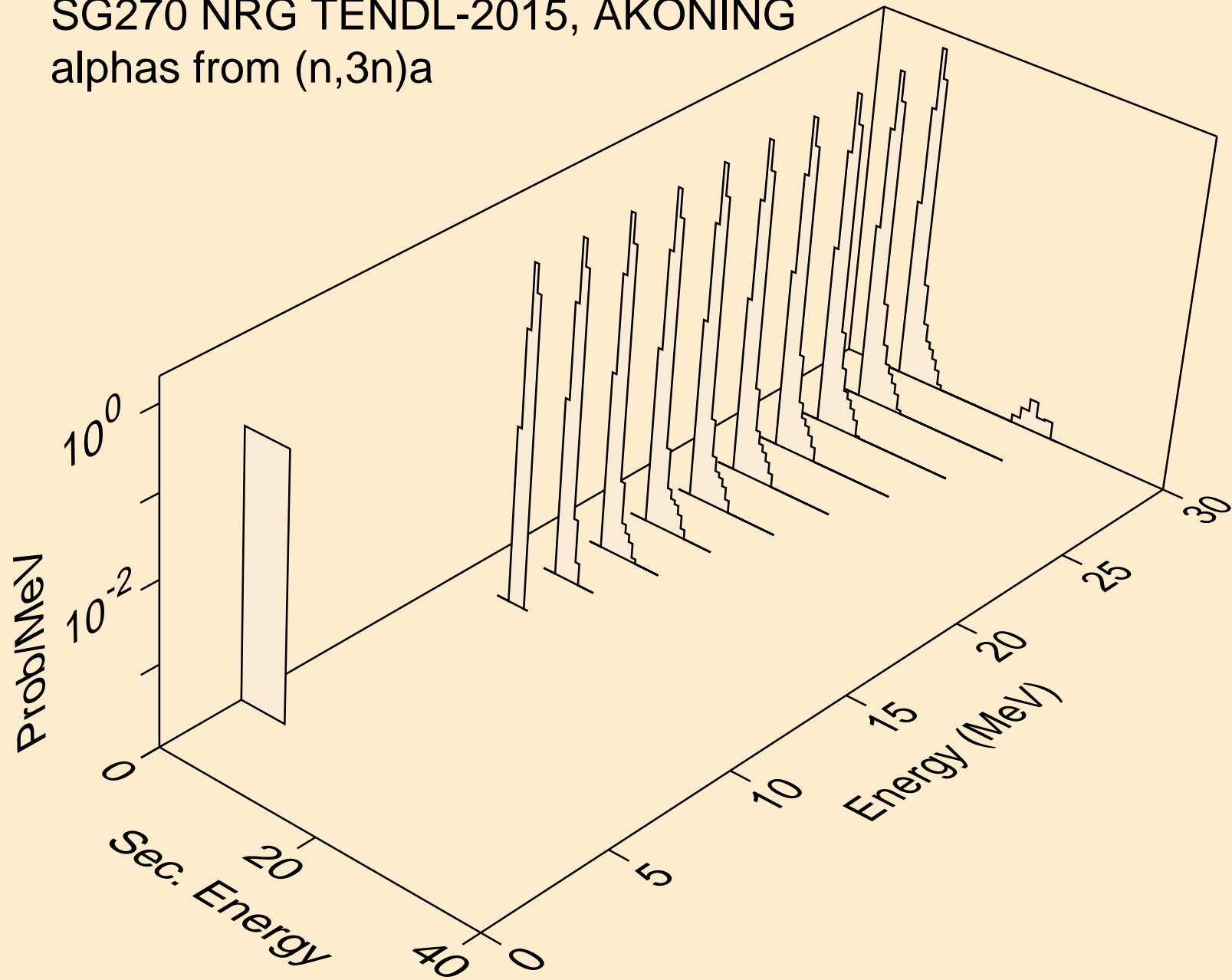
SG270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



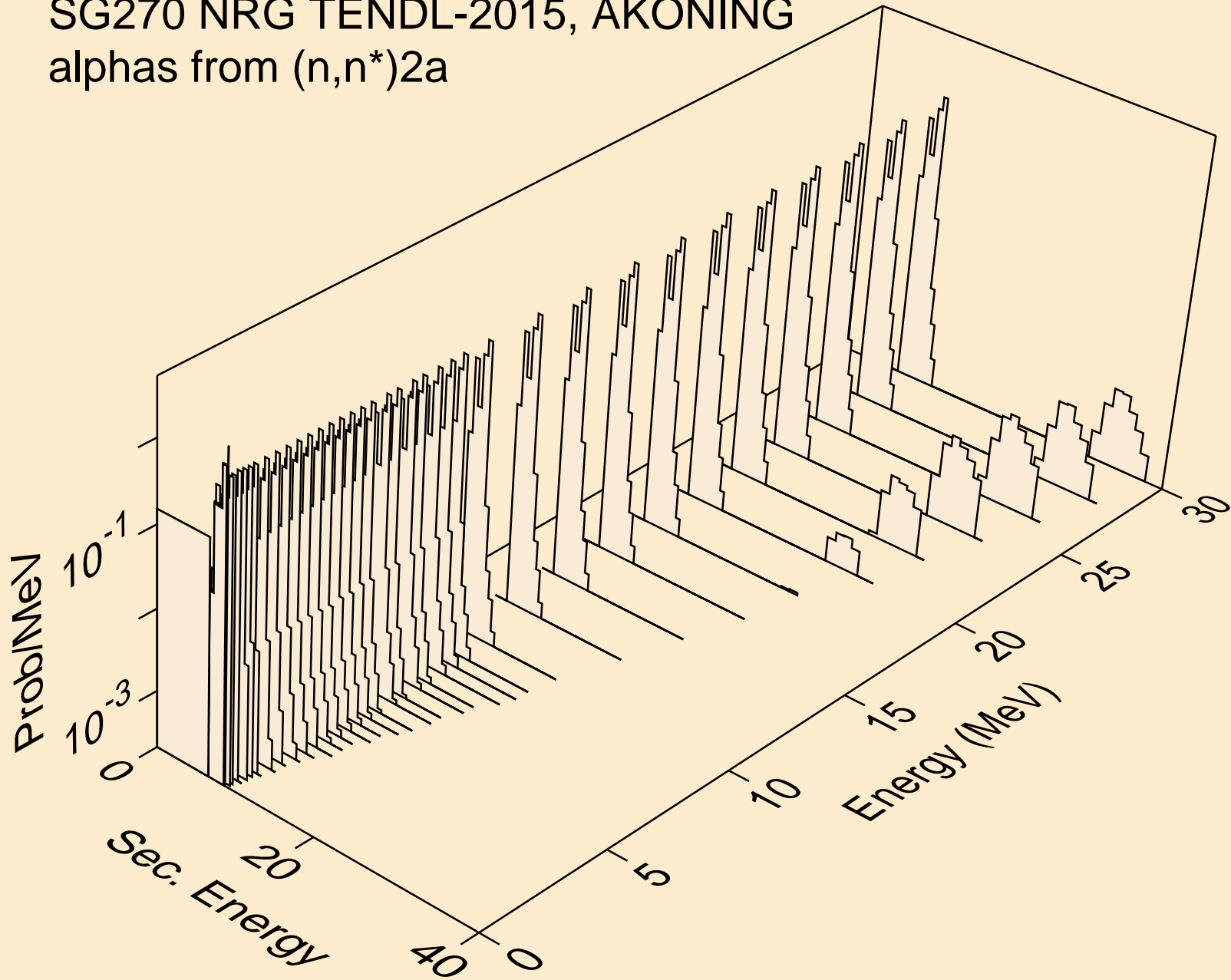
SG270 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



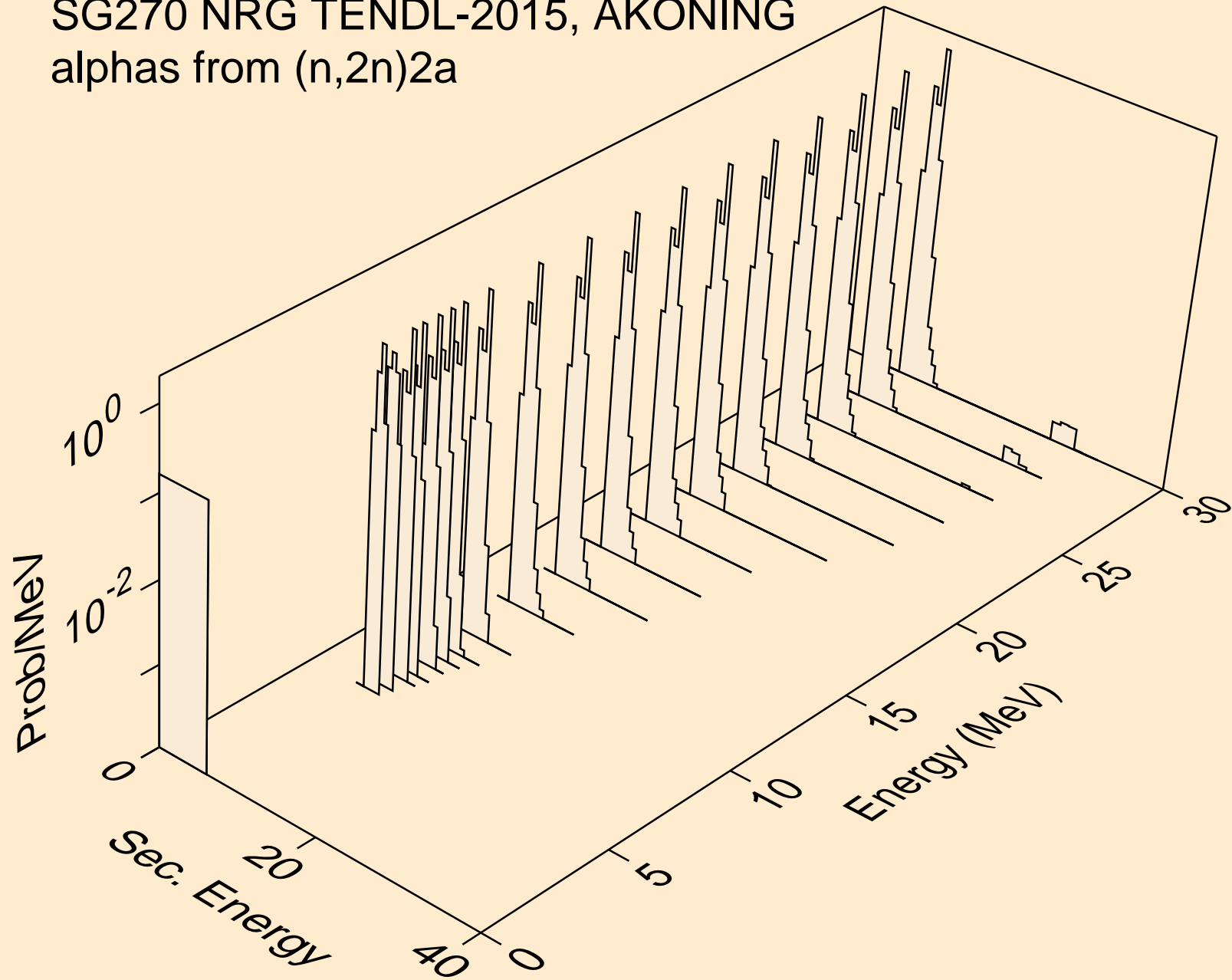
SG270 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



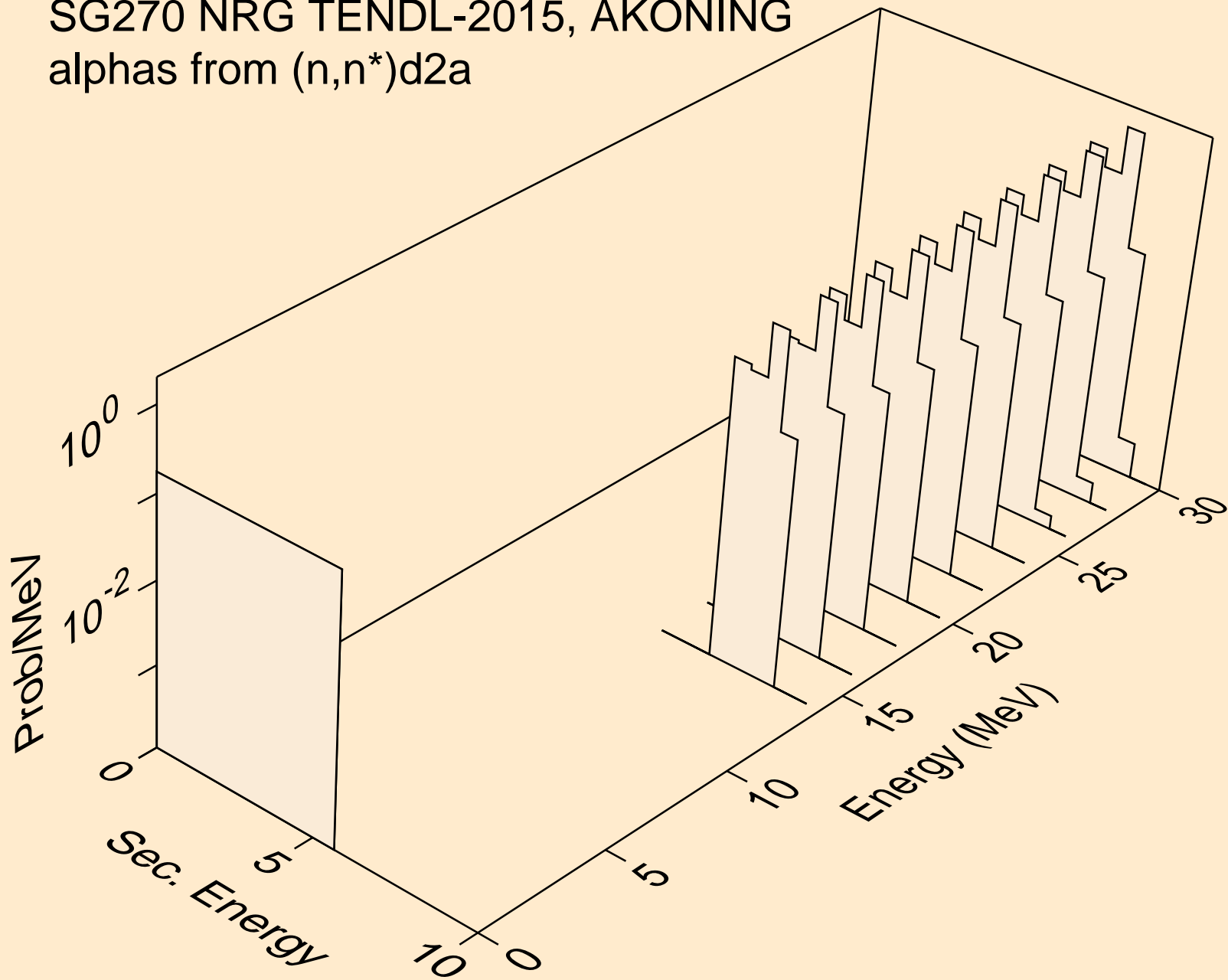
SG270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



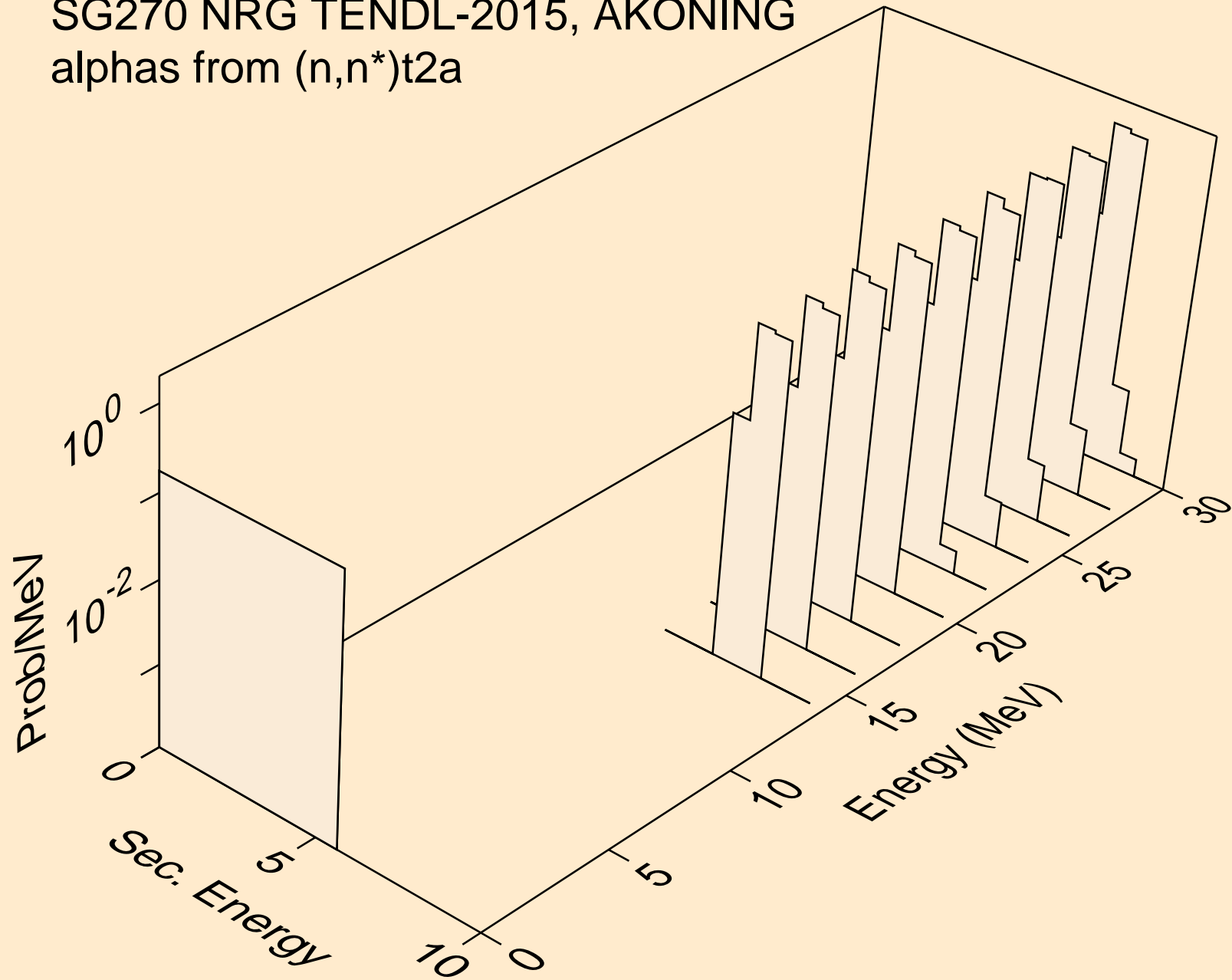
SG270 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



SG270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a

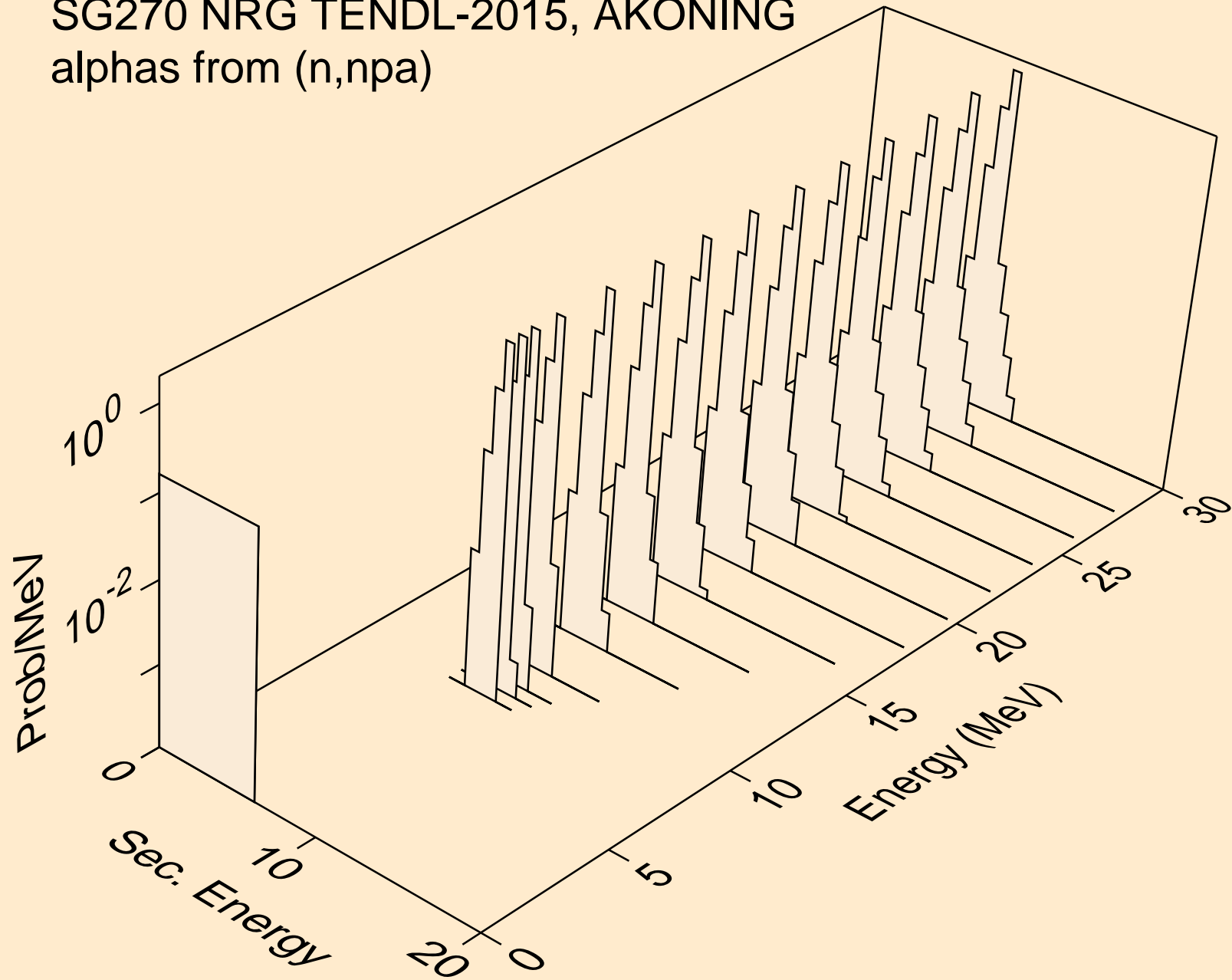


SG270 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

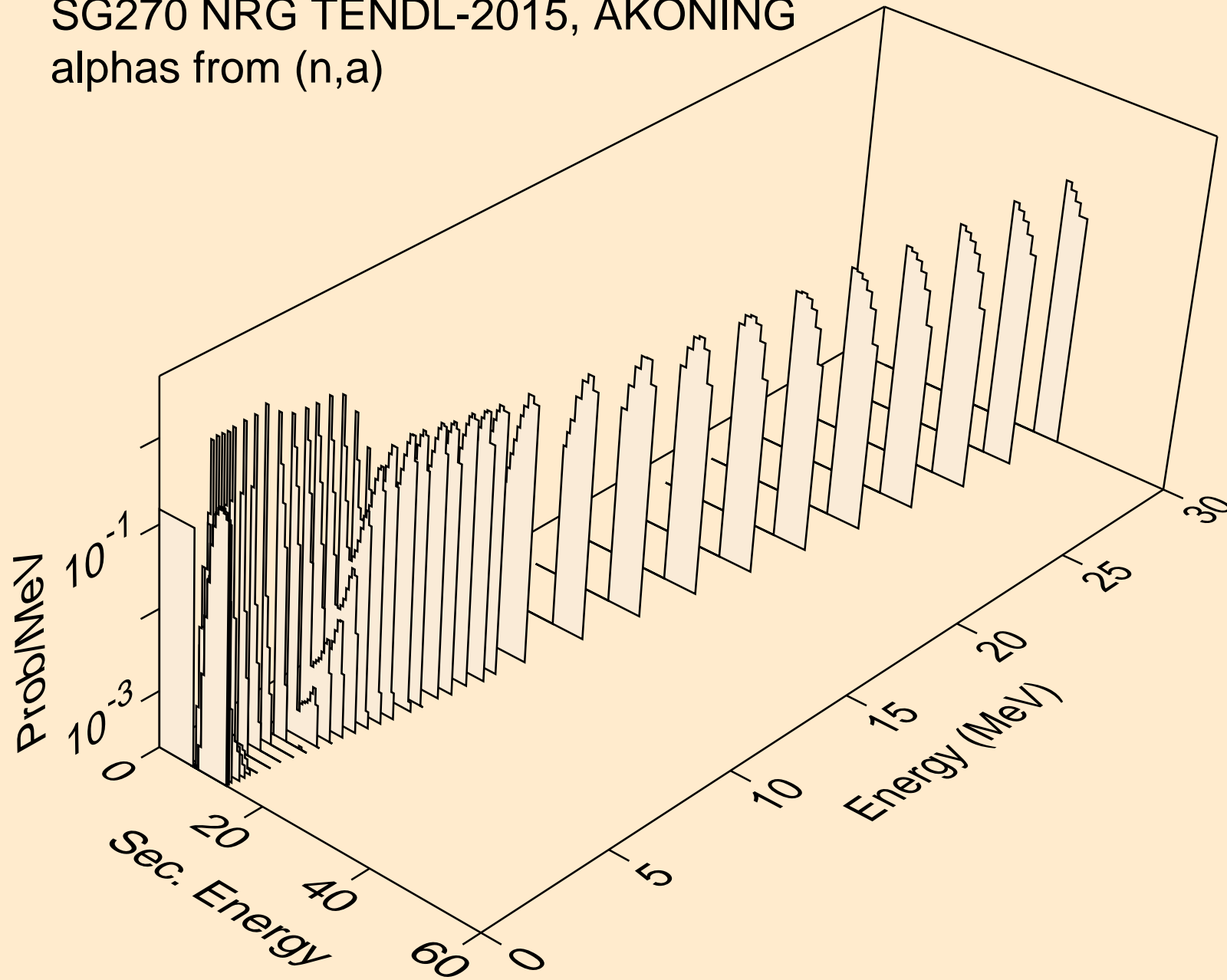




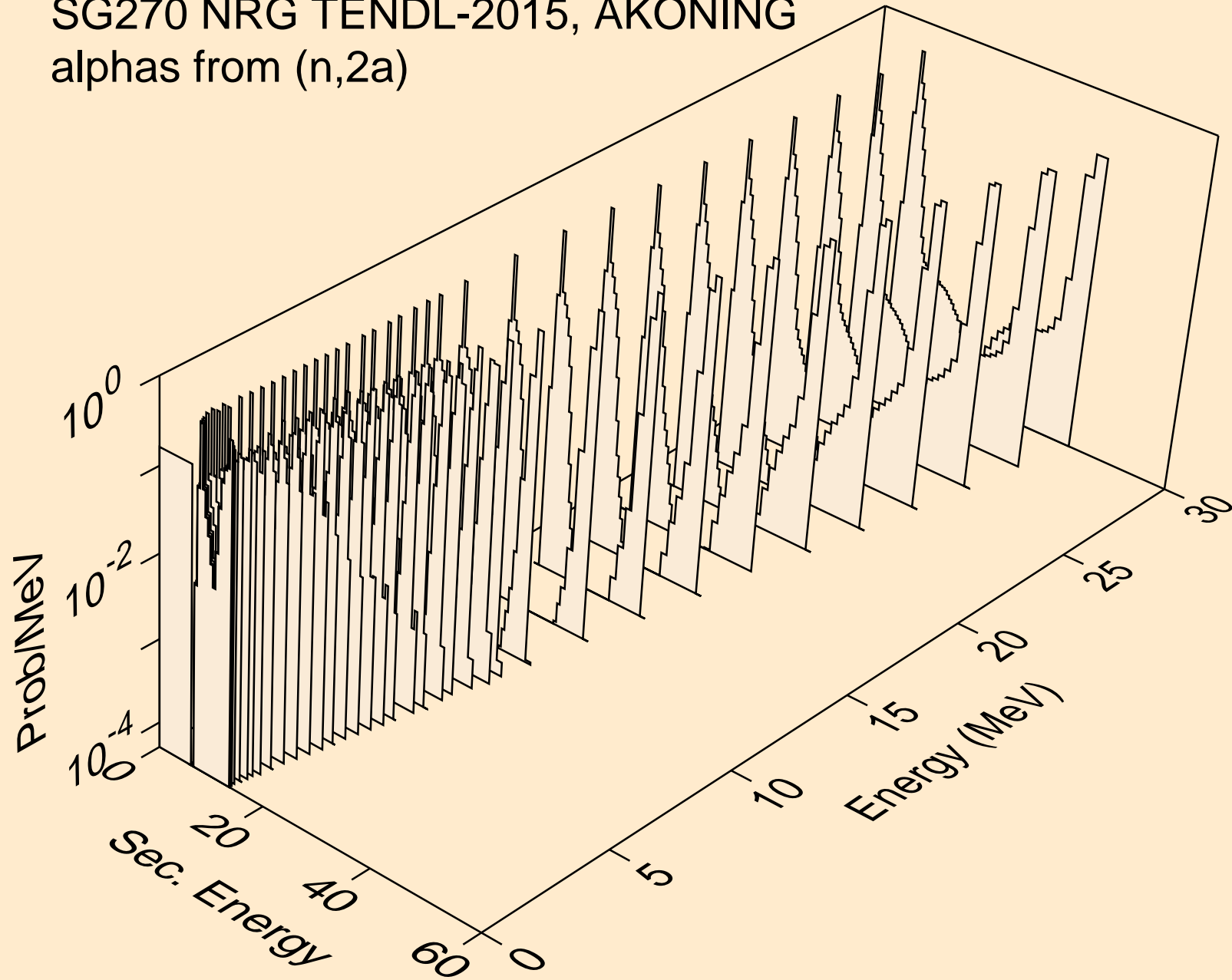
SG270 NRG TENDL-2015, AKONING  
alphas from (n,npa)



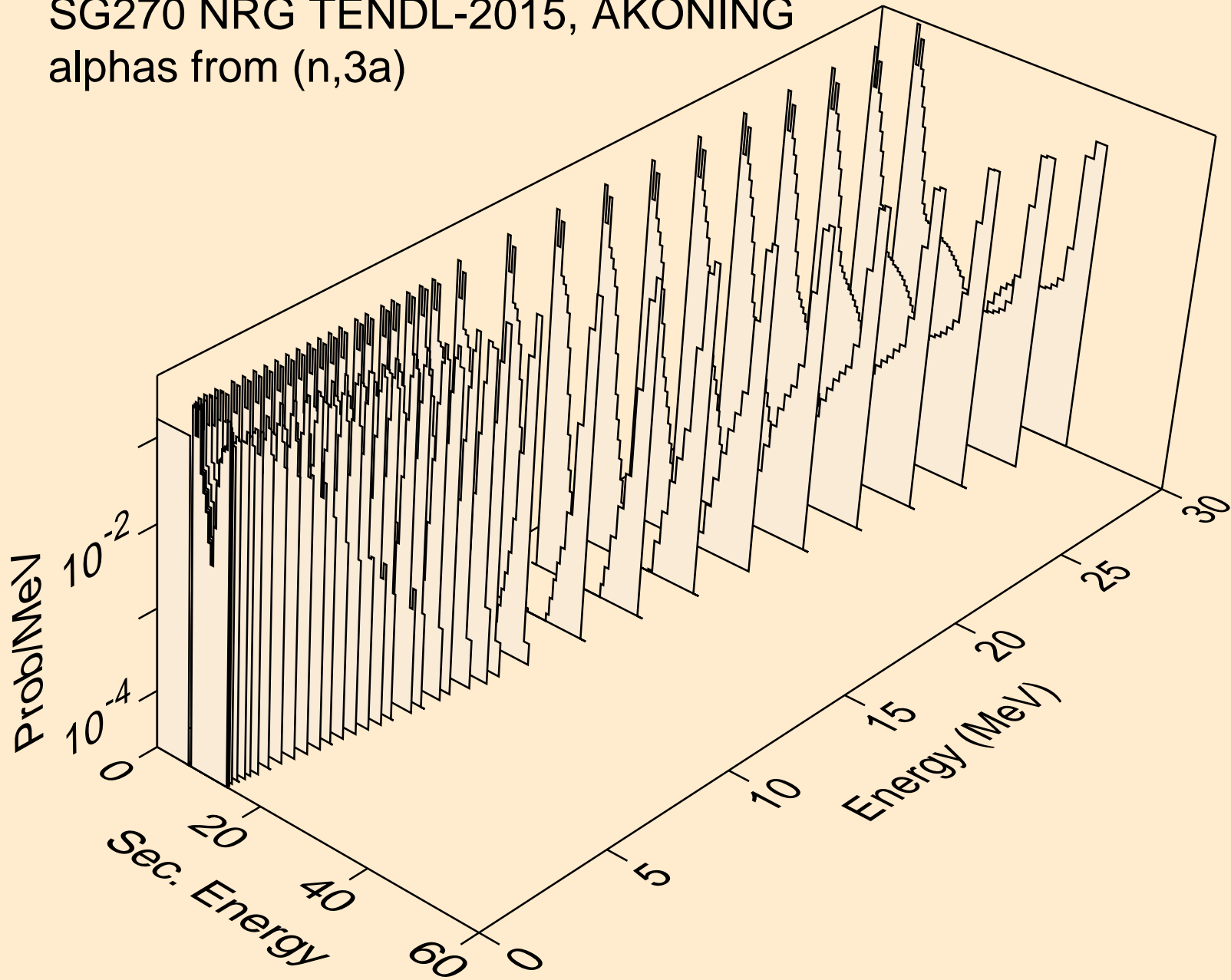
SG270 NRG TENDL-2015, AKONING  
alphas from (n,a)



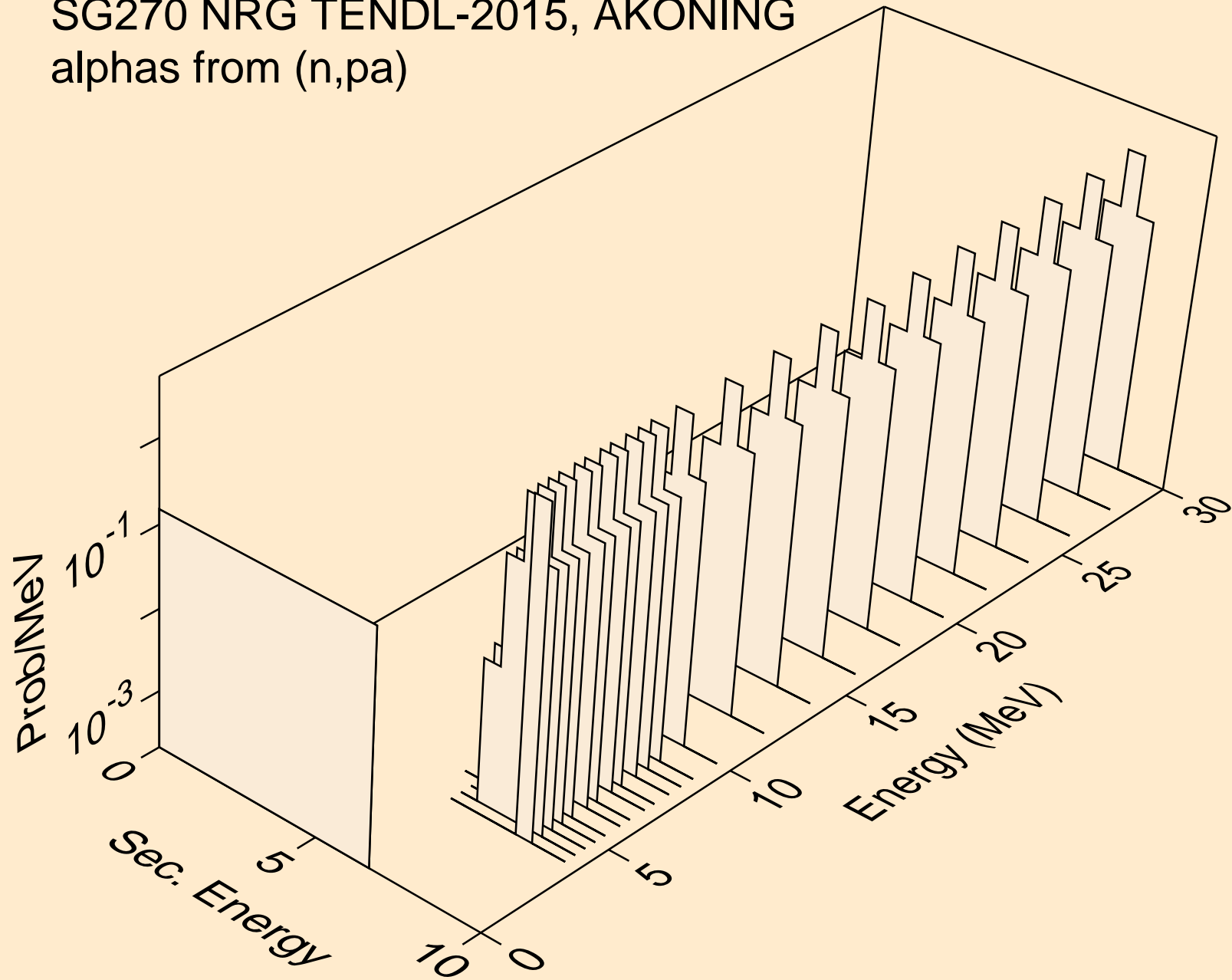
SG270 NRG TENDL-2015, AKONING  
alphas from (n,2a)



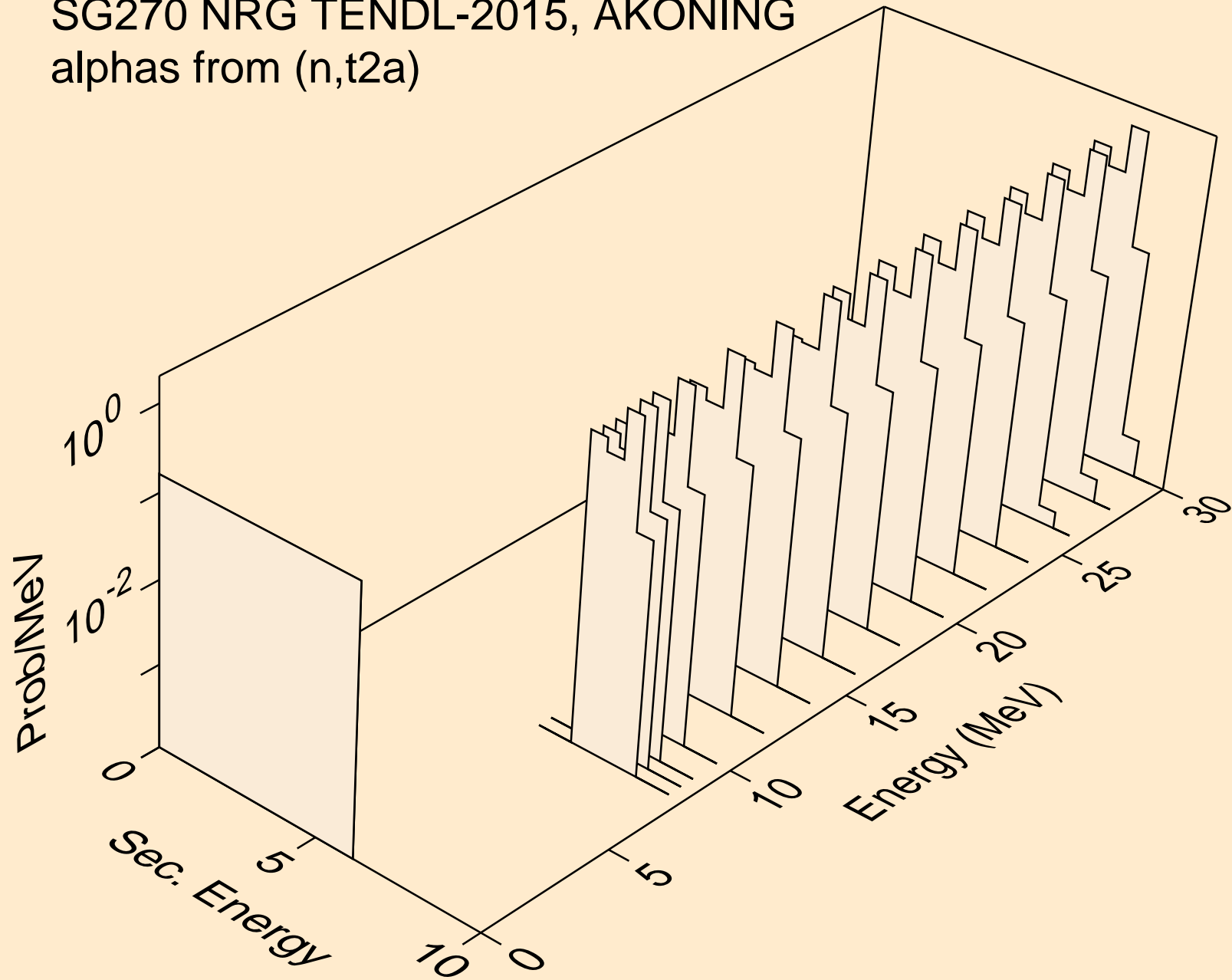
SG270 NRG TENDL-2015, AKONING  
alphas from (n,3a)



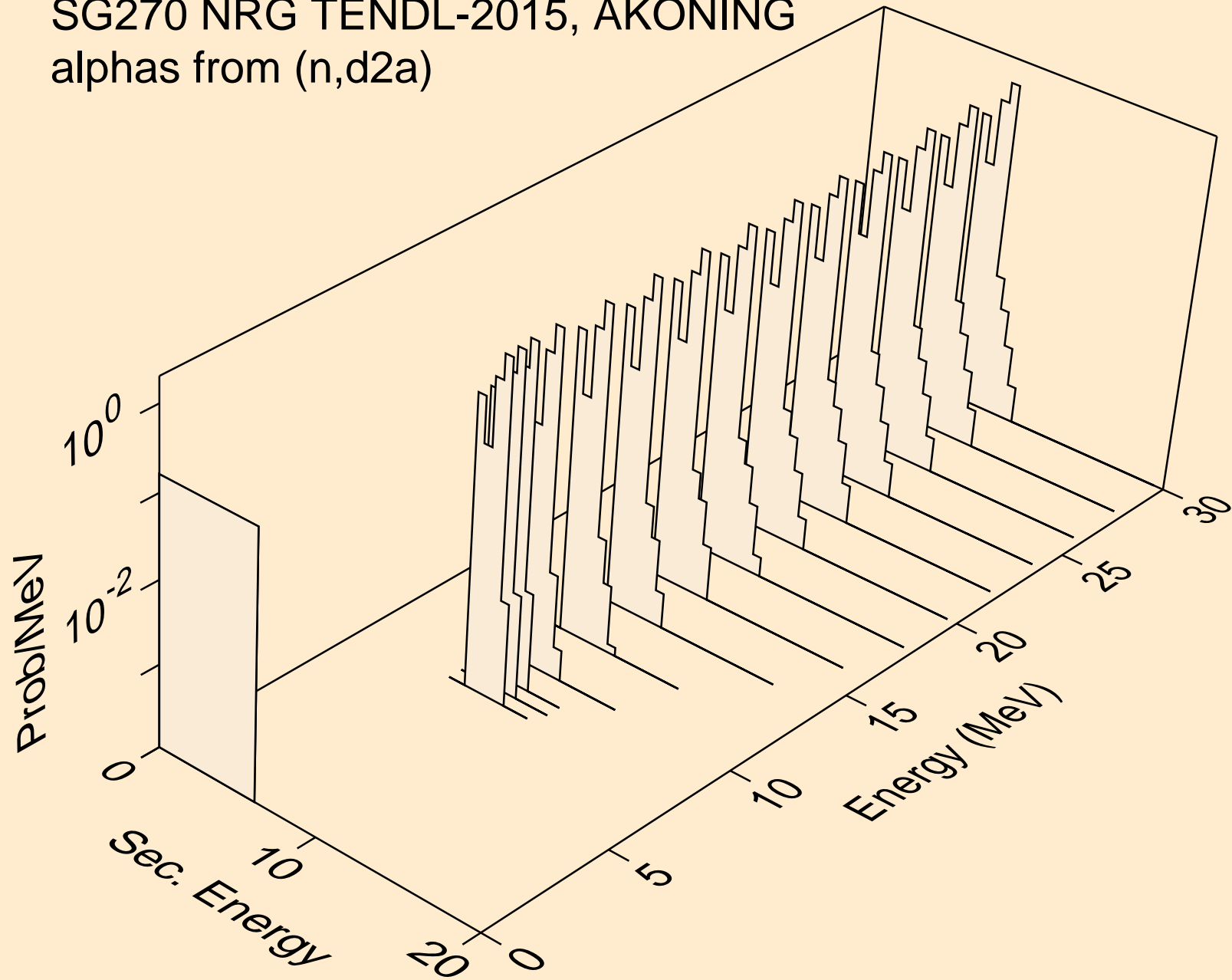
SG270 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SG270 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



SG270 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



SG270 NRG TENDL-2015, AKONING  
alphas from (n,da)

