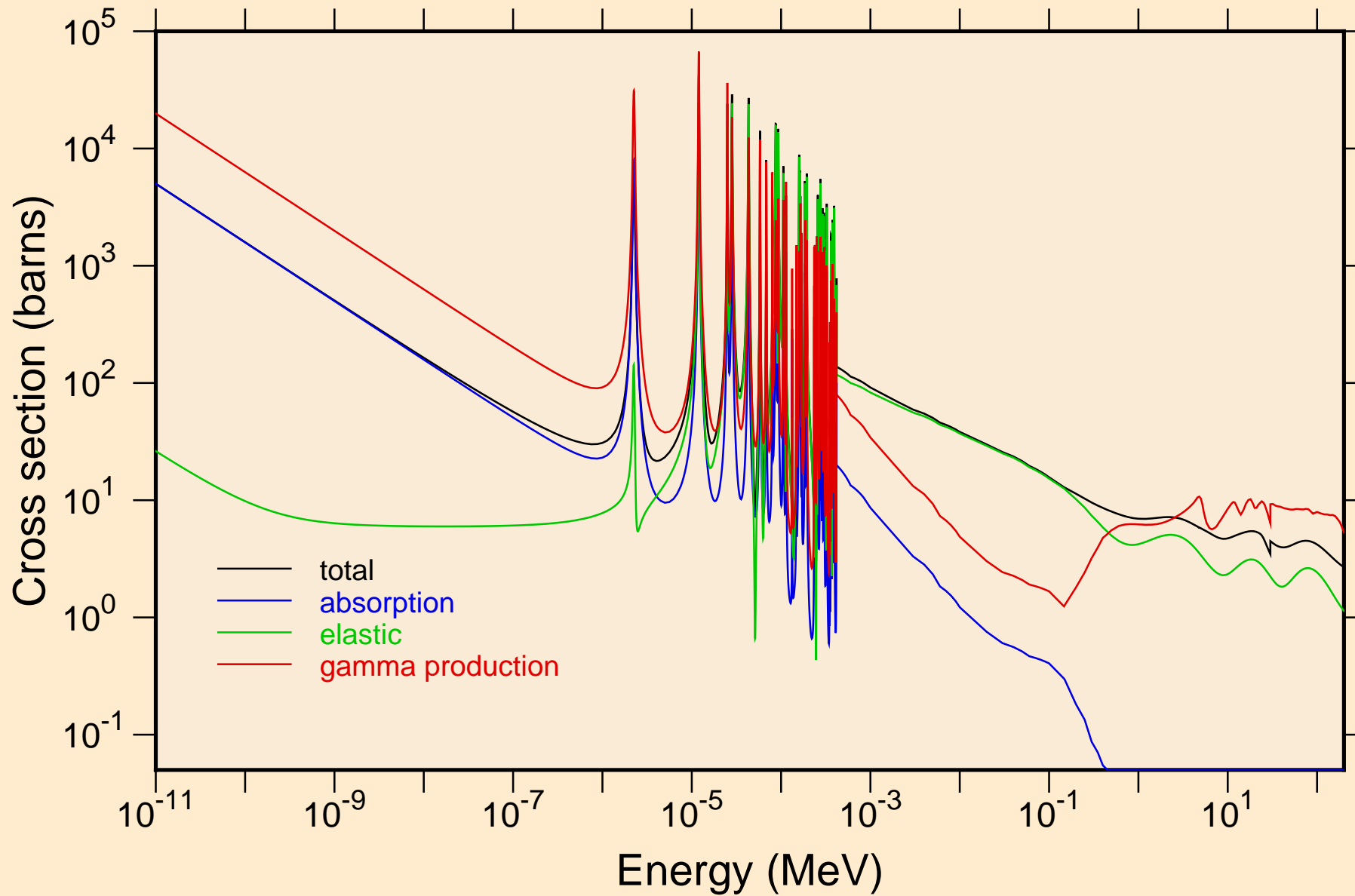
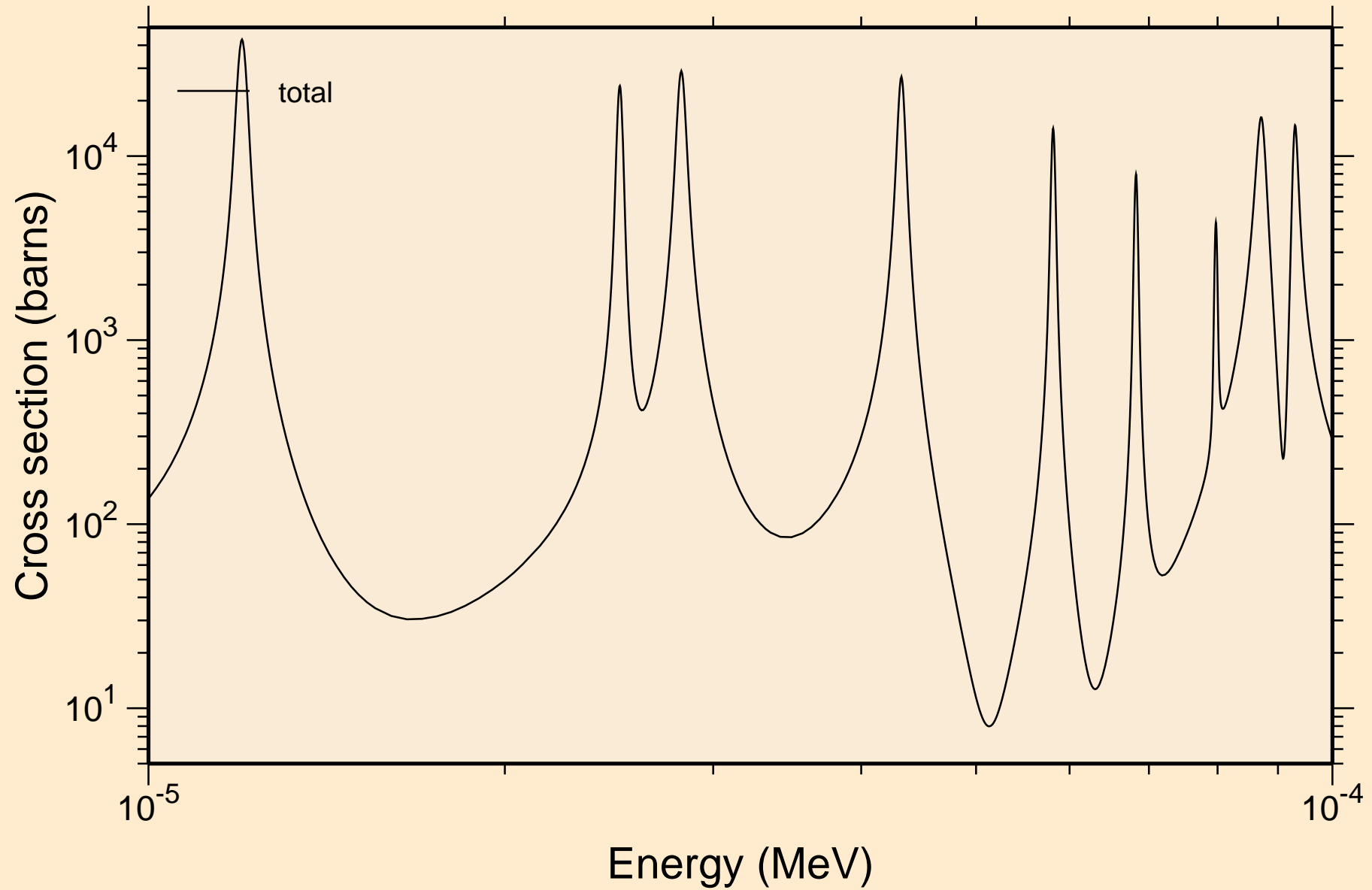


# TM178 NRG TENDL-2015, AKONING

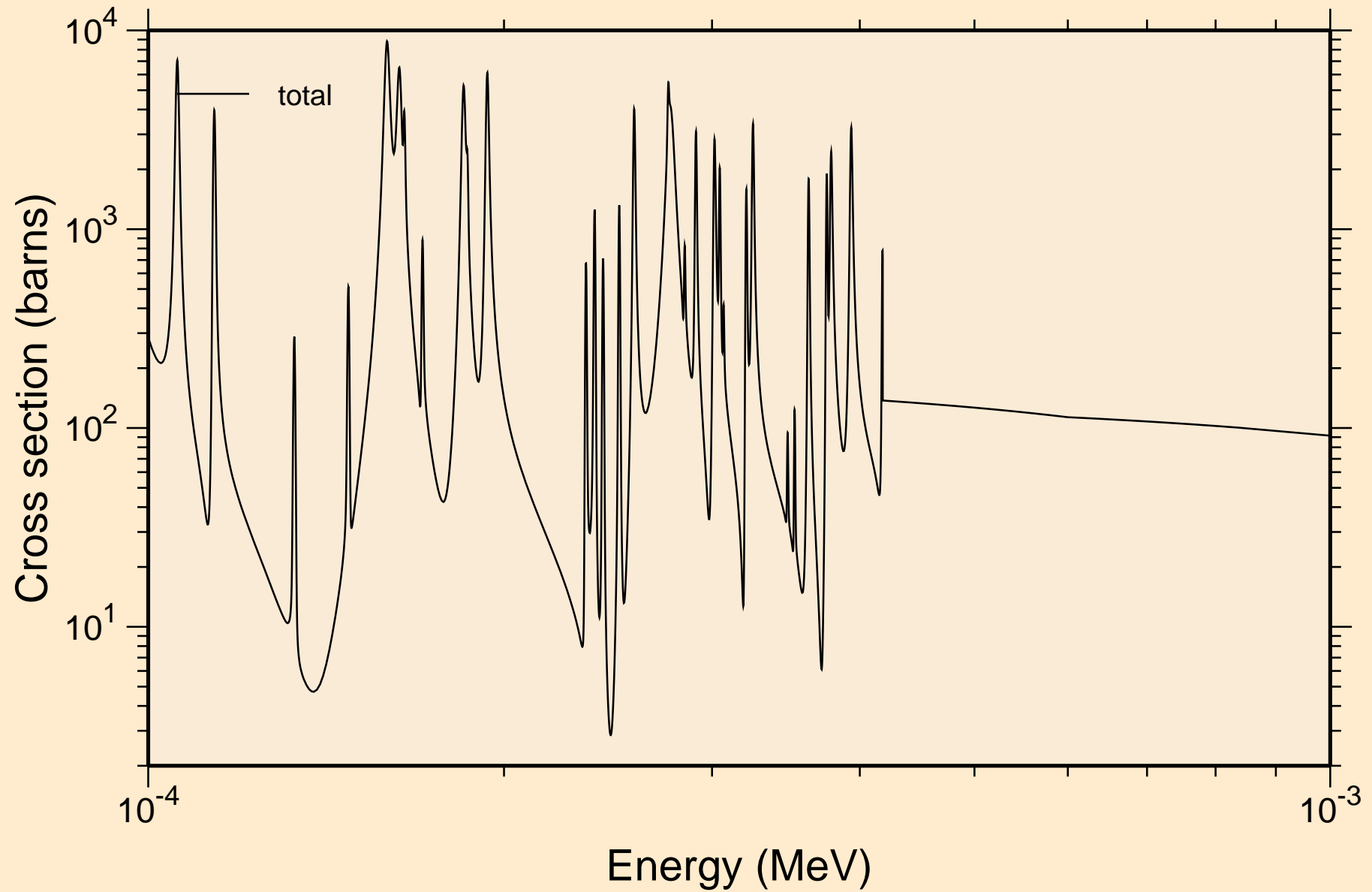
## Principal cross sections



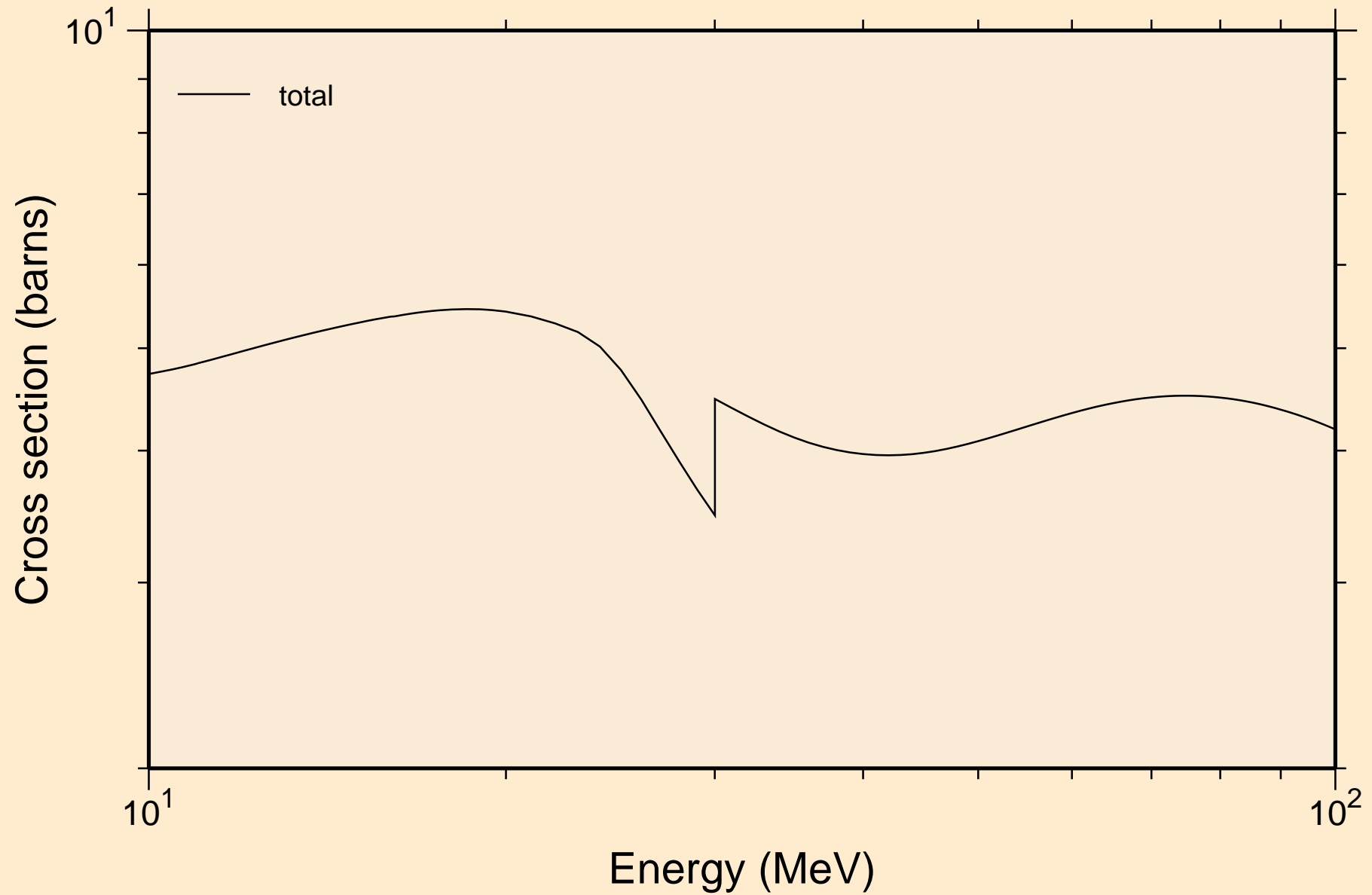
TM178 NRG TENDL-2015, AKONING  
resonance total cross section



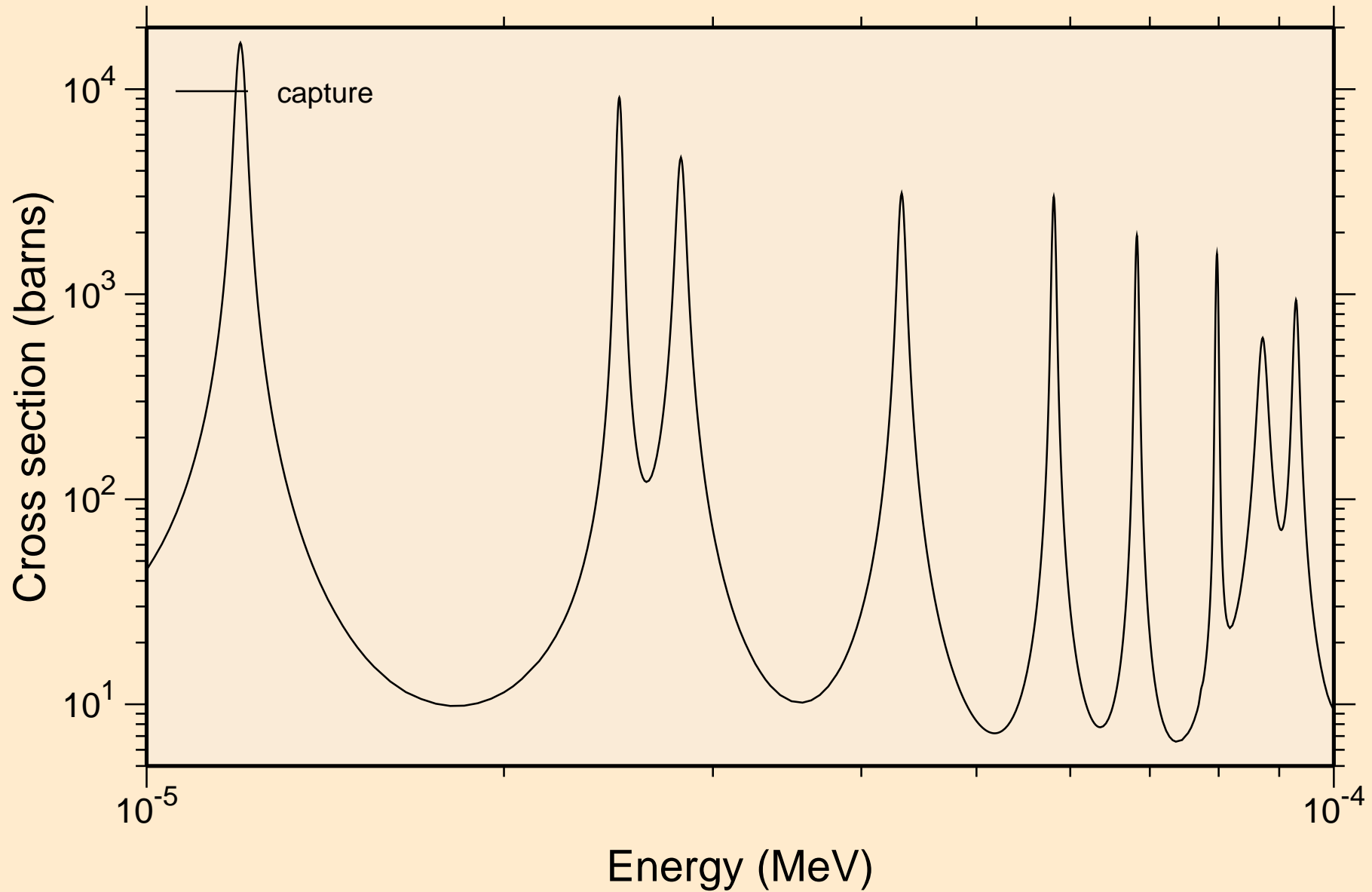
TM178 NRG TENDL-2015, AKONING  
resonance total cross section



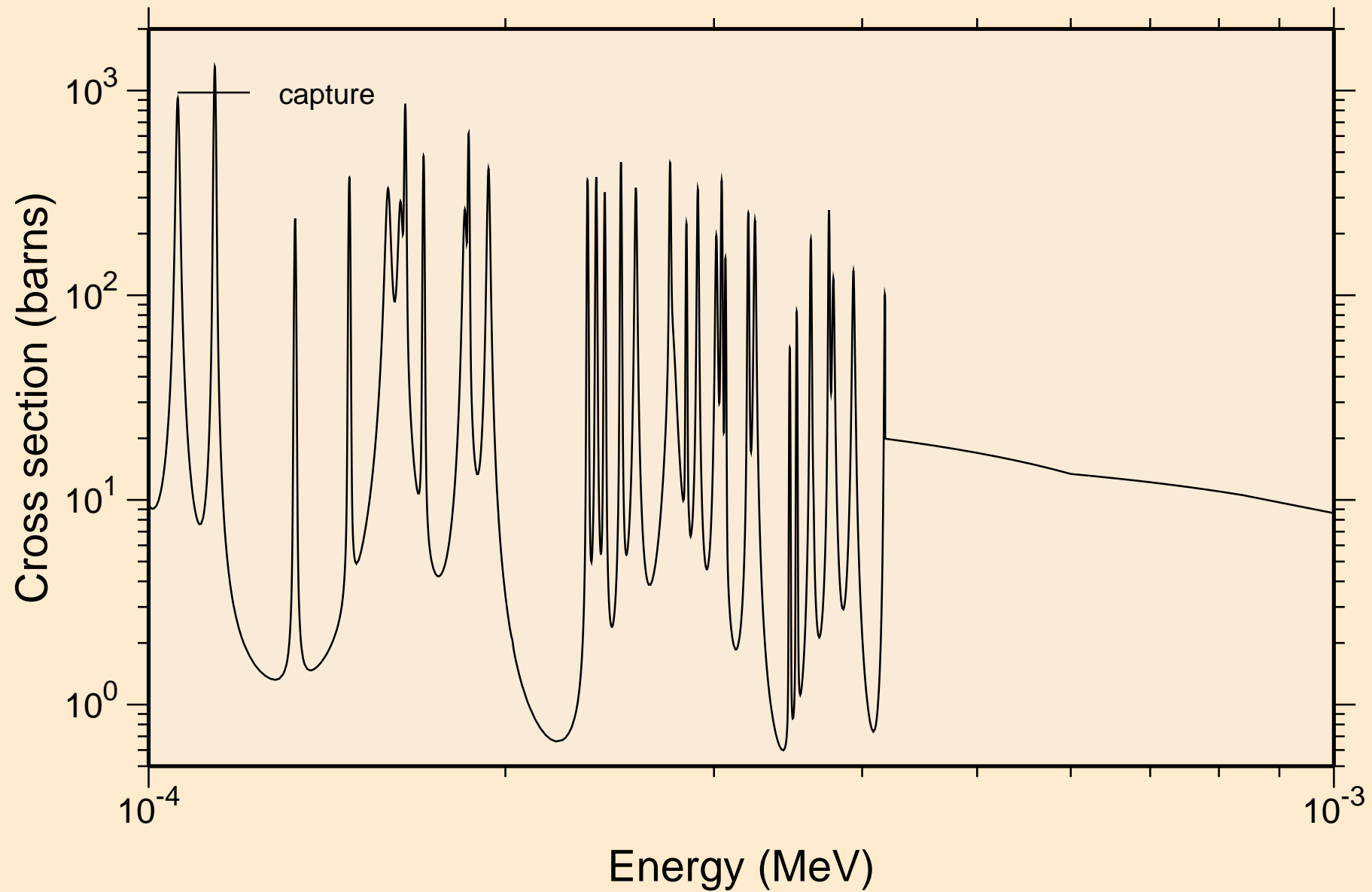
TM178 NRG TENDL-2015, AKONING  
resonance total cross section



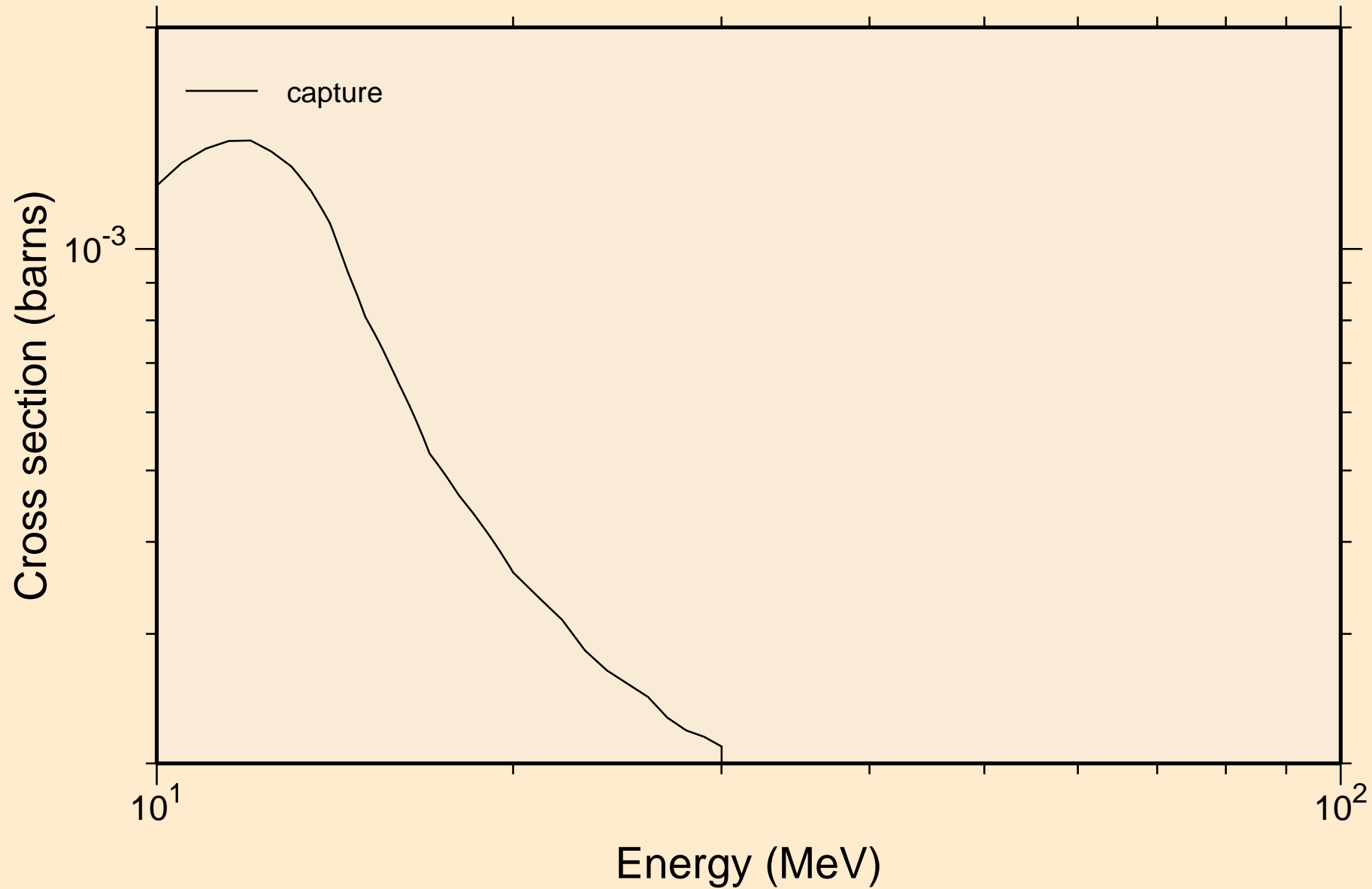
TM178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TM178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

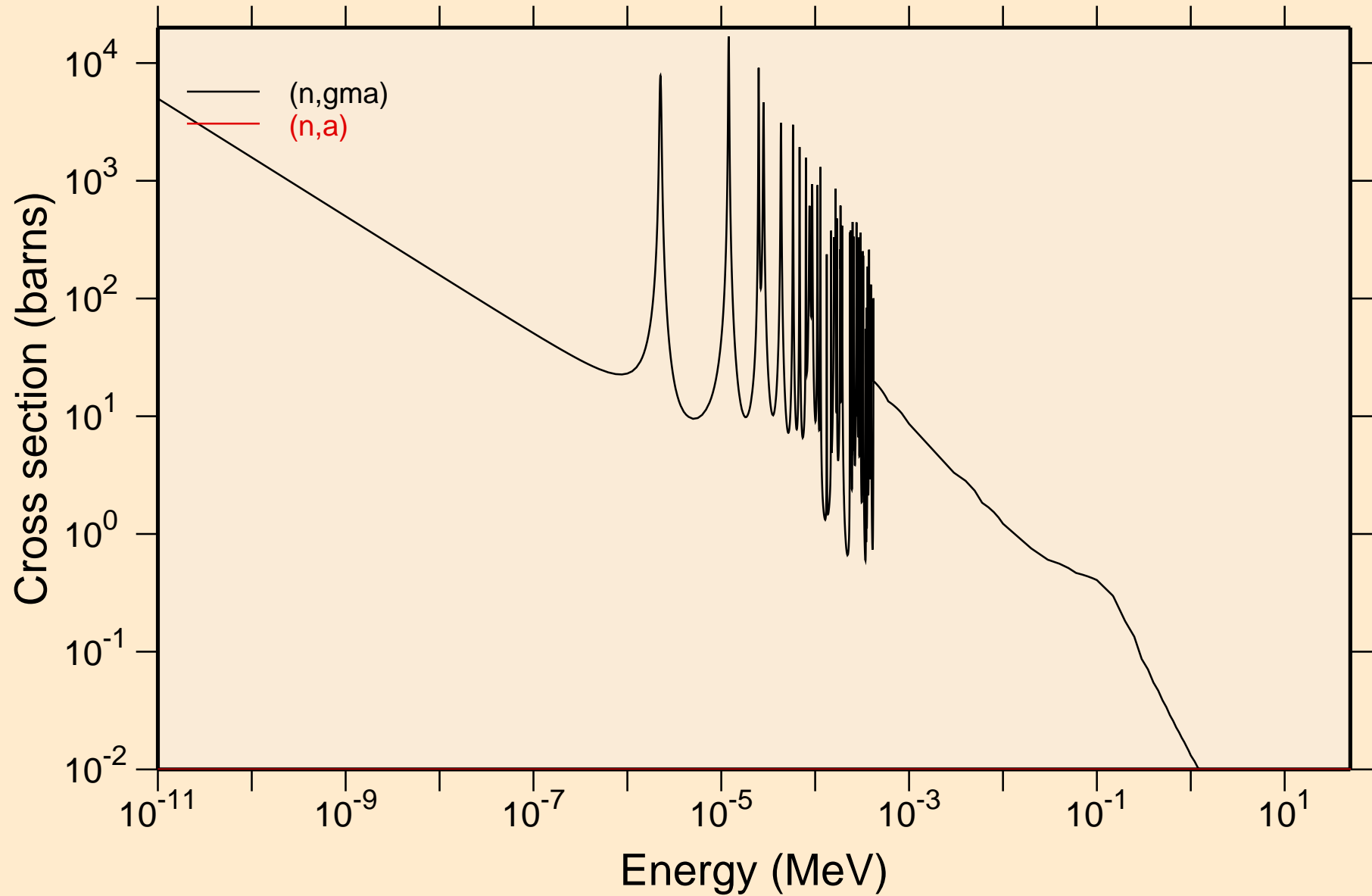


TM178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TM178 NRG TENDL-2015, AKONING

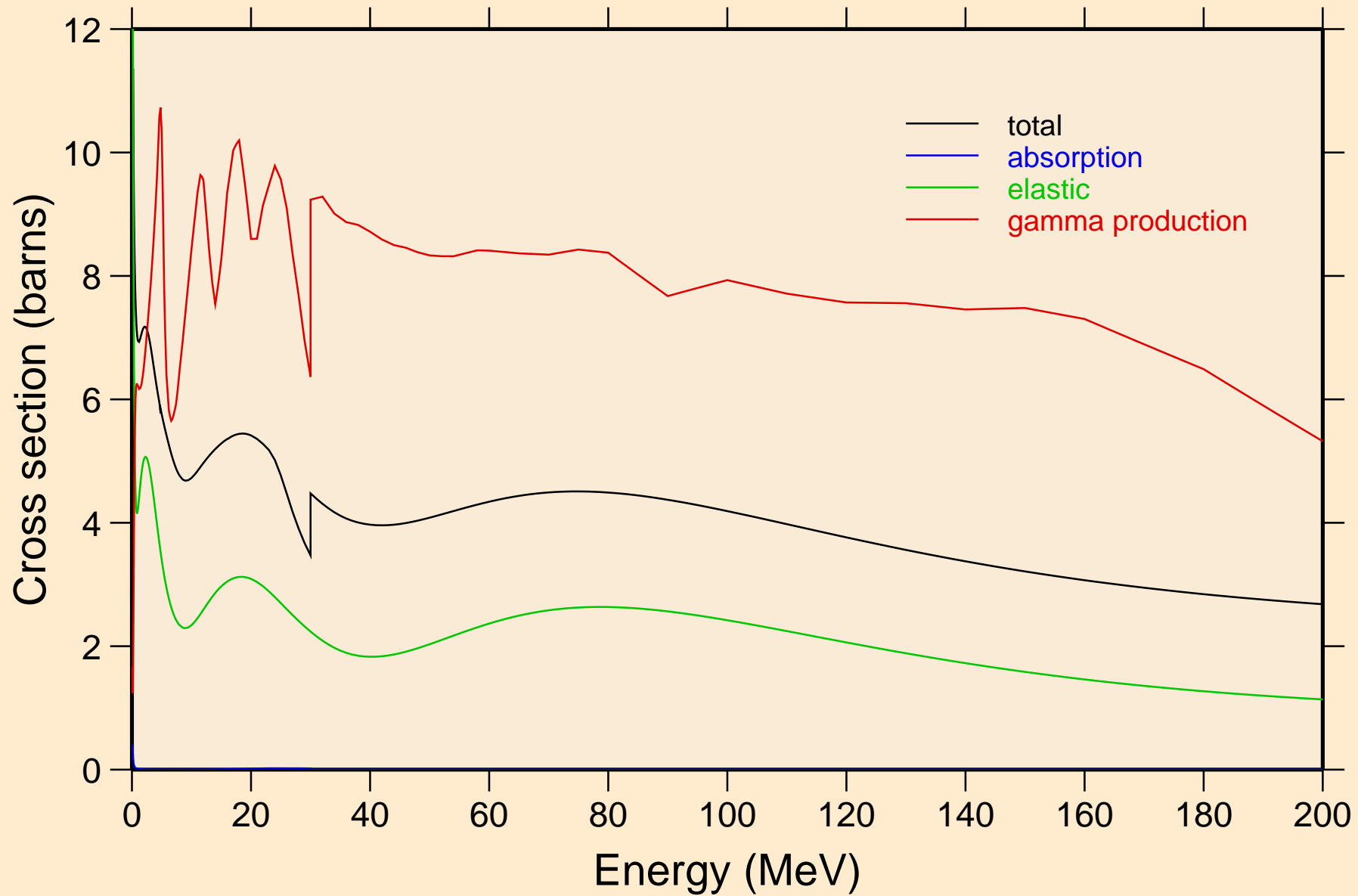
## Non-threshold reactions





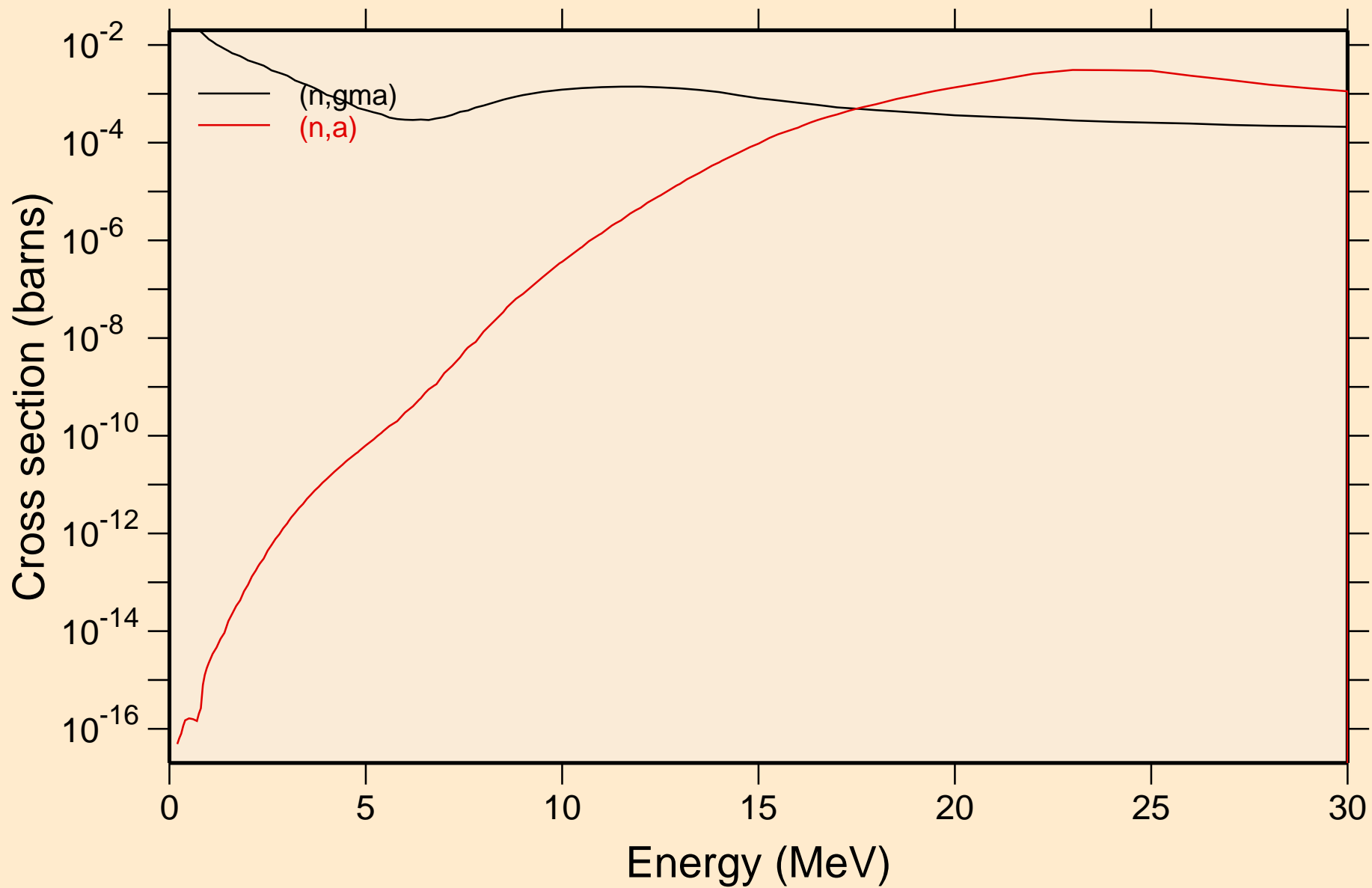
# TM178 NRG TENDL-2015, AKONING

## Principal cross sections



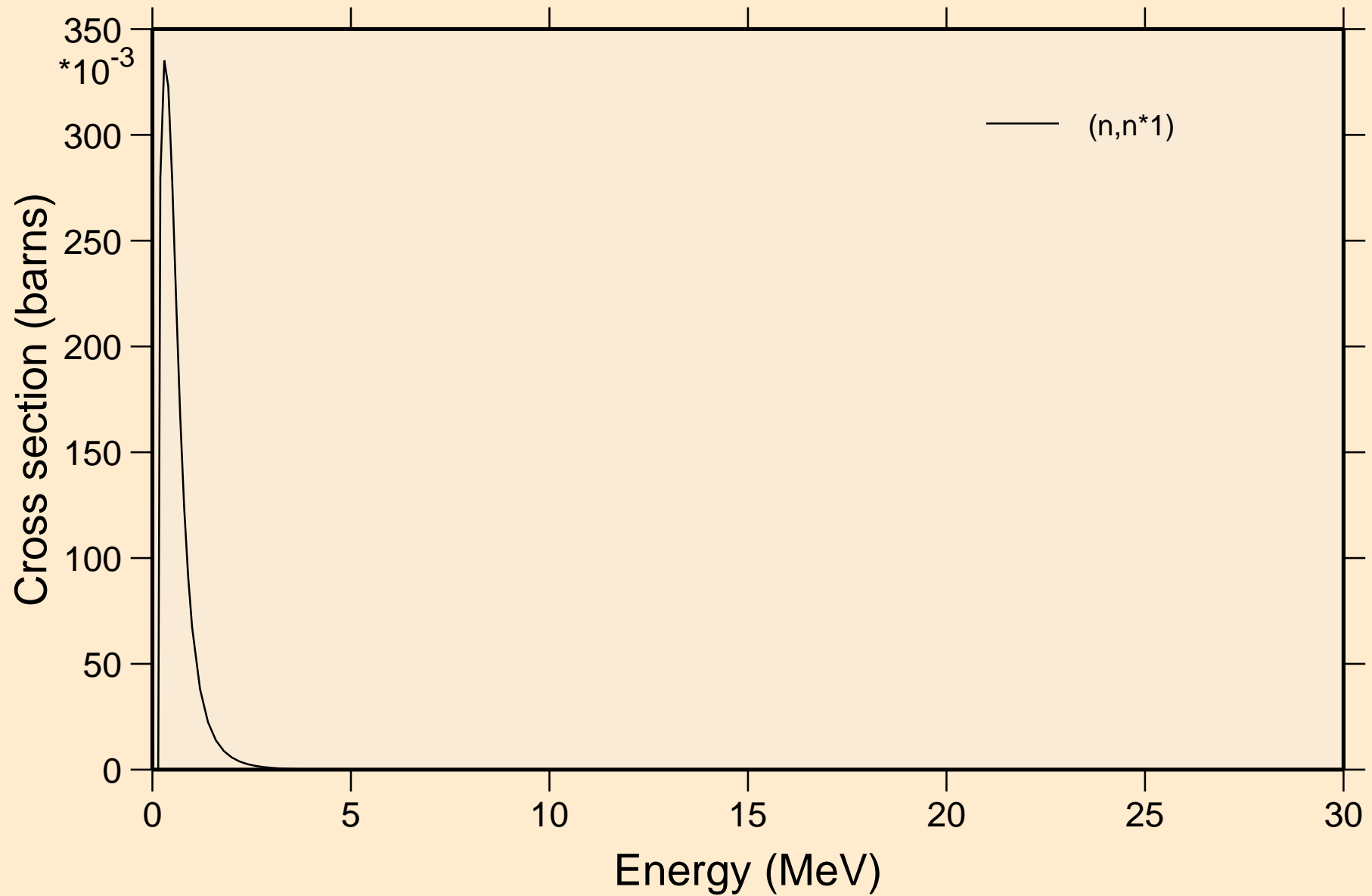
# TM178 NRG TENDL-2015, AKONING

## Non-threshold reactions



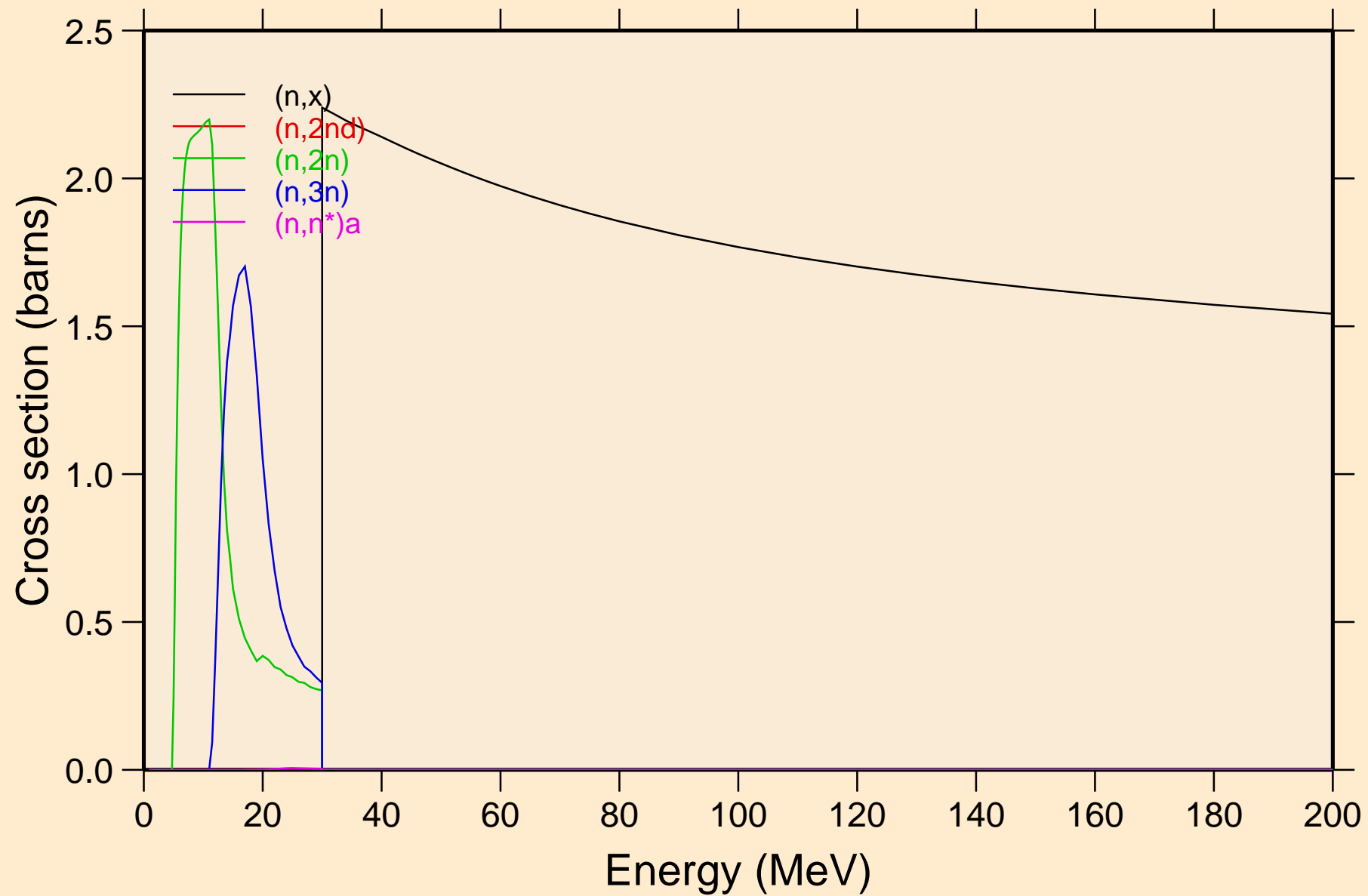
# TM178 NRG TENDL-2015, AKONING

## Inelastic levels



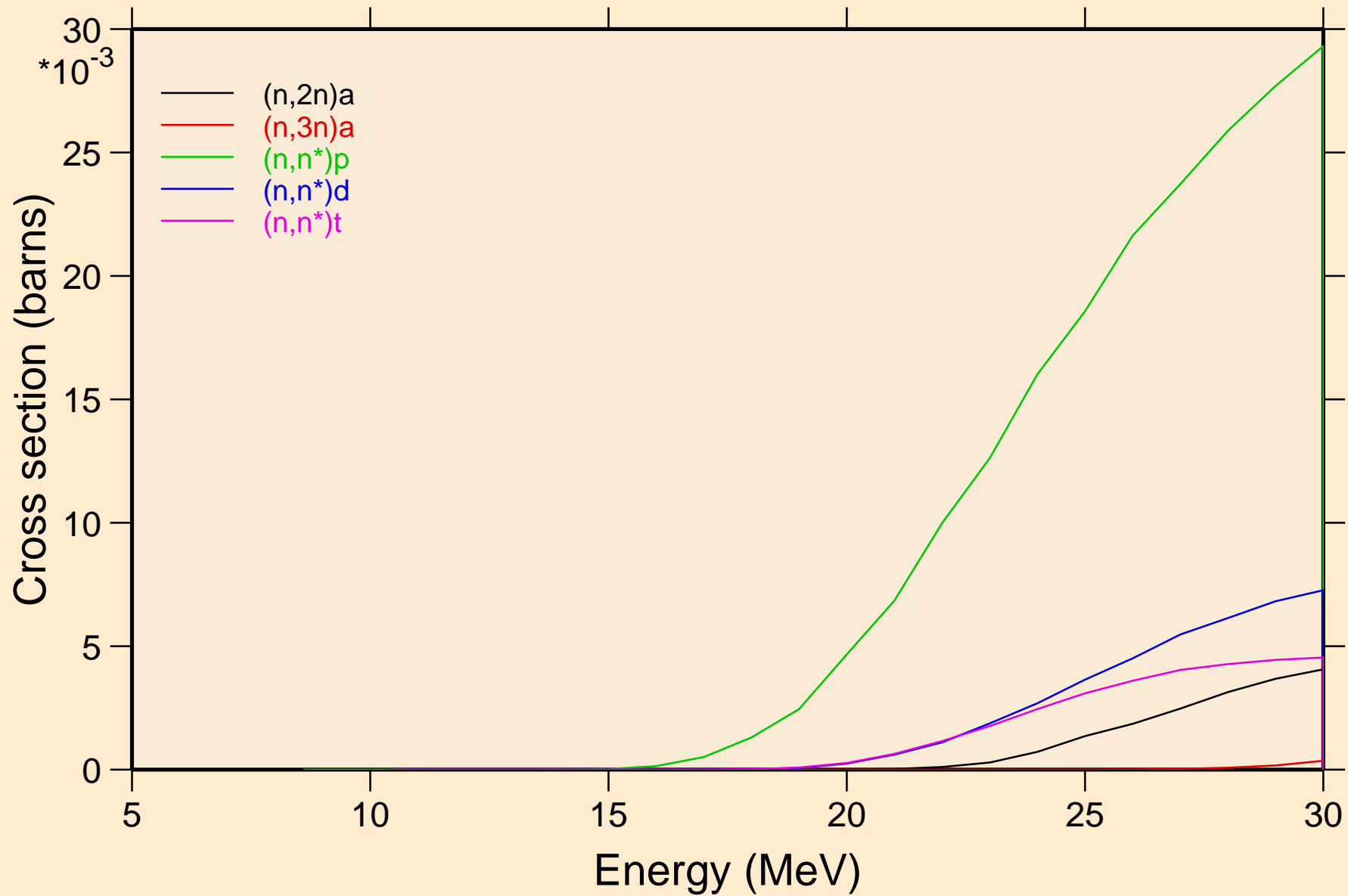
# TM178 NRG TENDL-2015, AKONING

## Threshold reactions



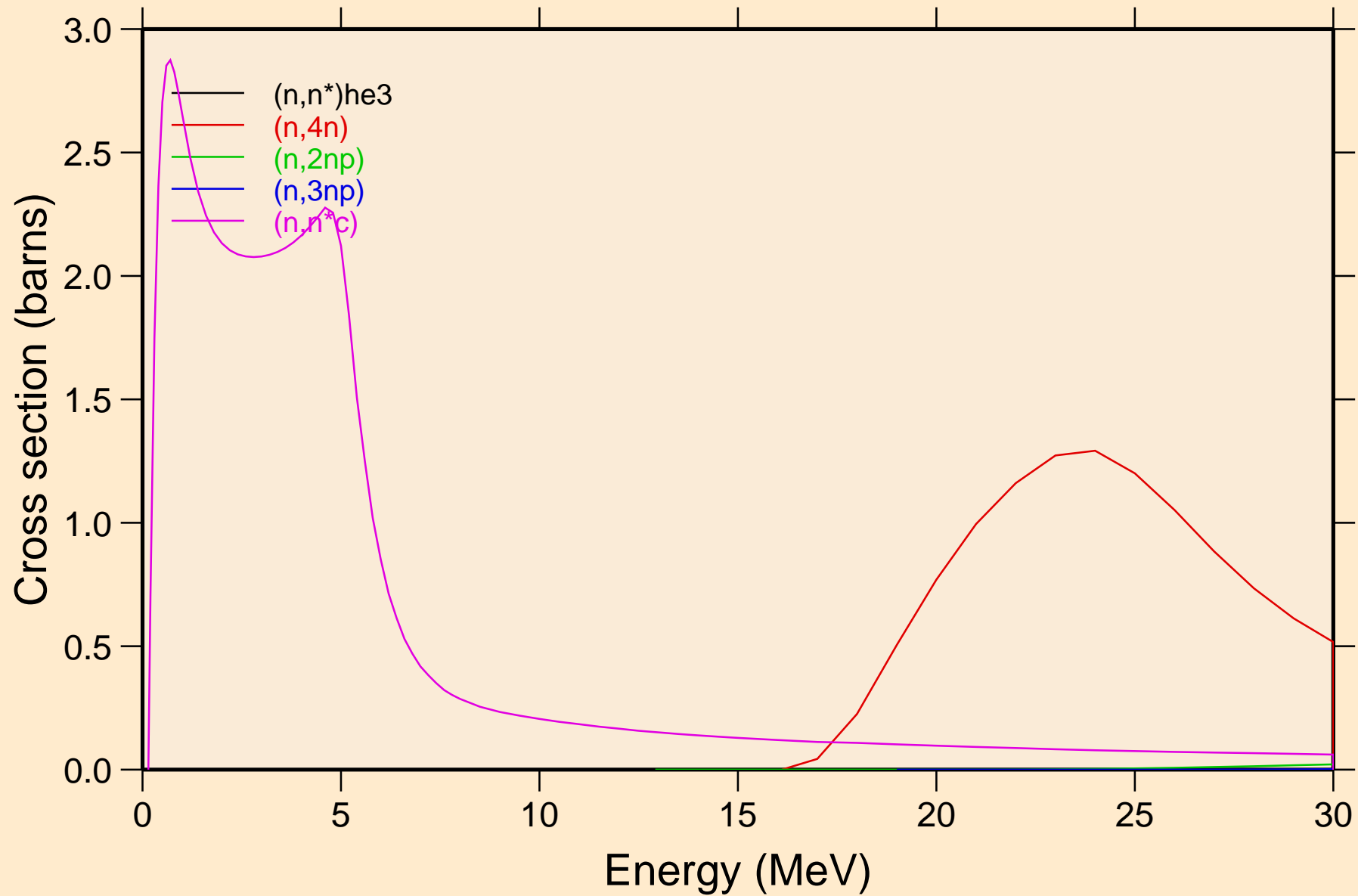
# TM178 NRG TENDL-2015, AKONING

## Threshold reactions



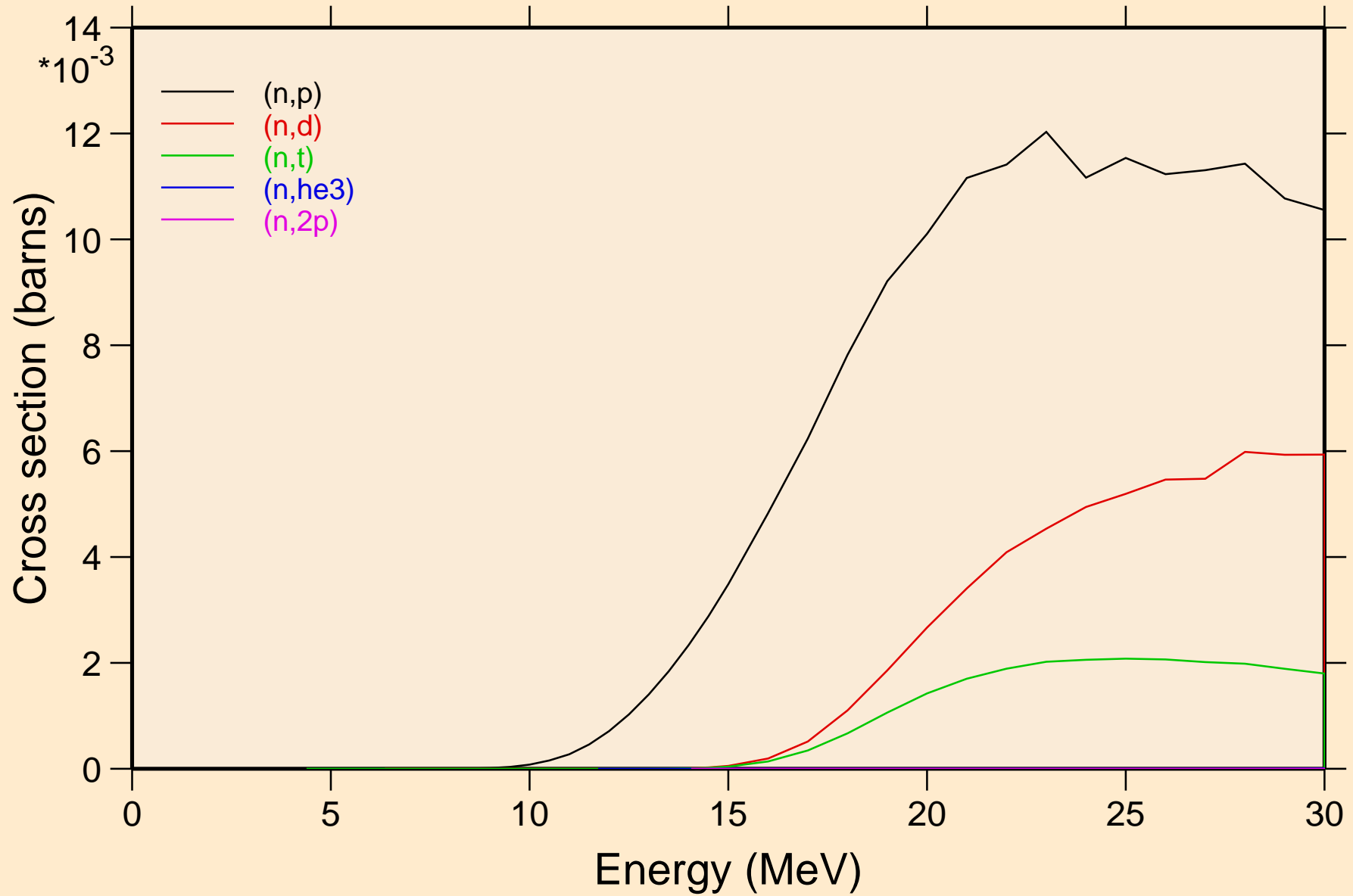
# TM178 NRG TENDL-2015, AKONING

## Threshold reactions

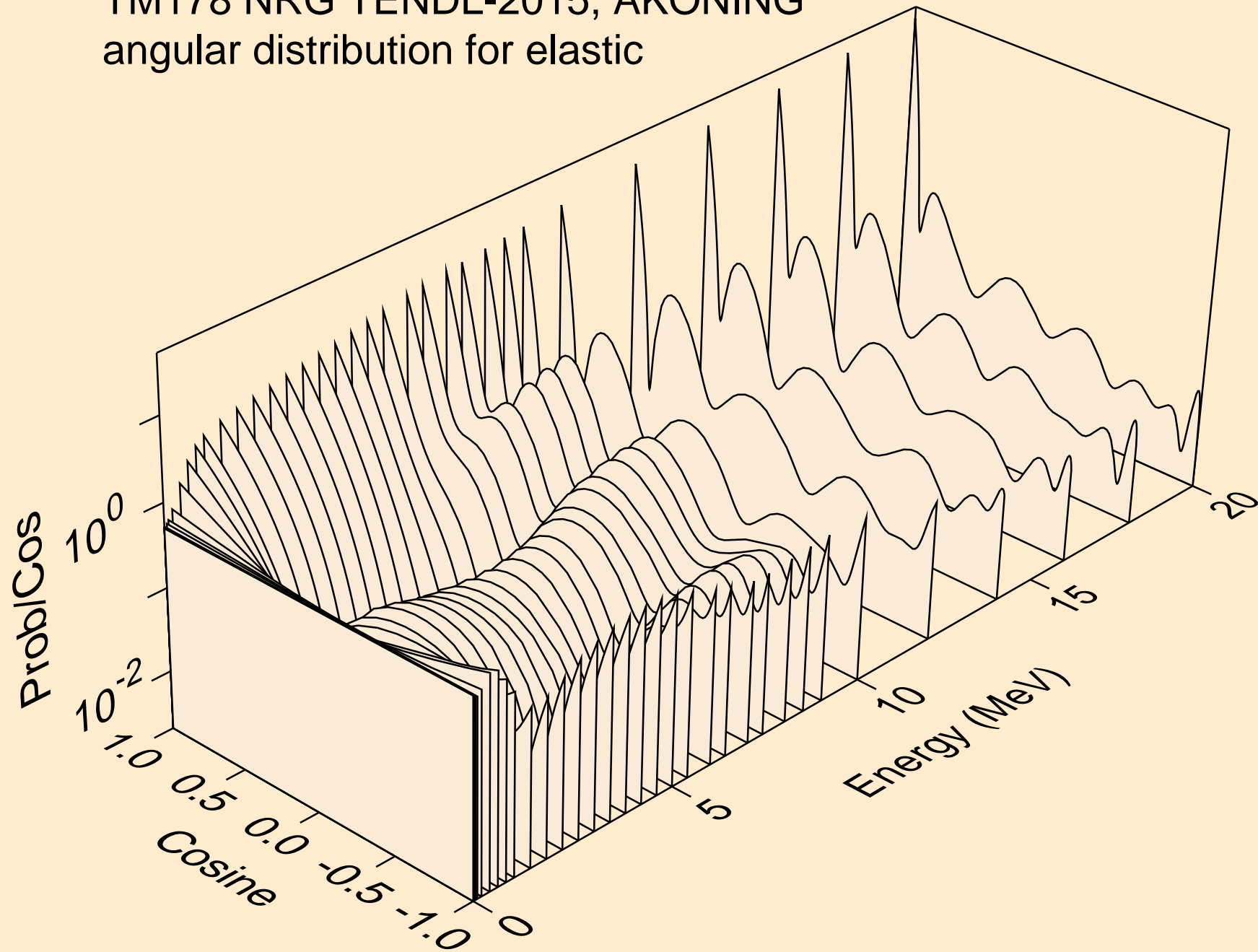


# TM178 NRG TENDL-2015, AKONING

## Threshold reactions

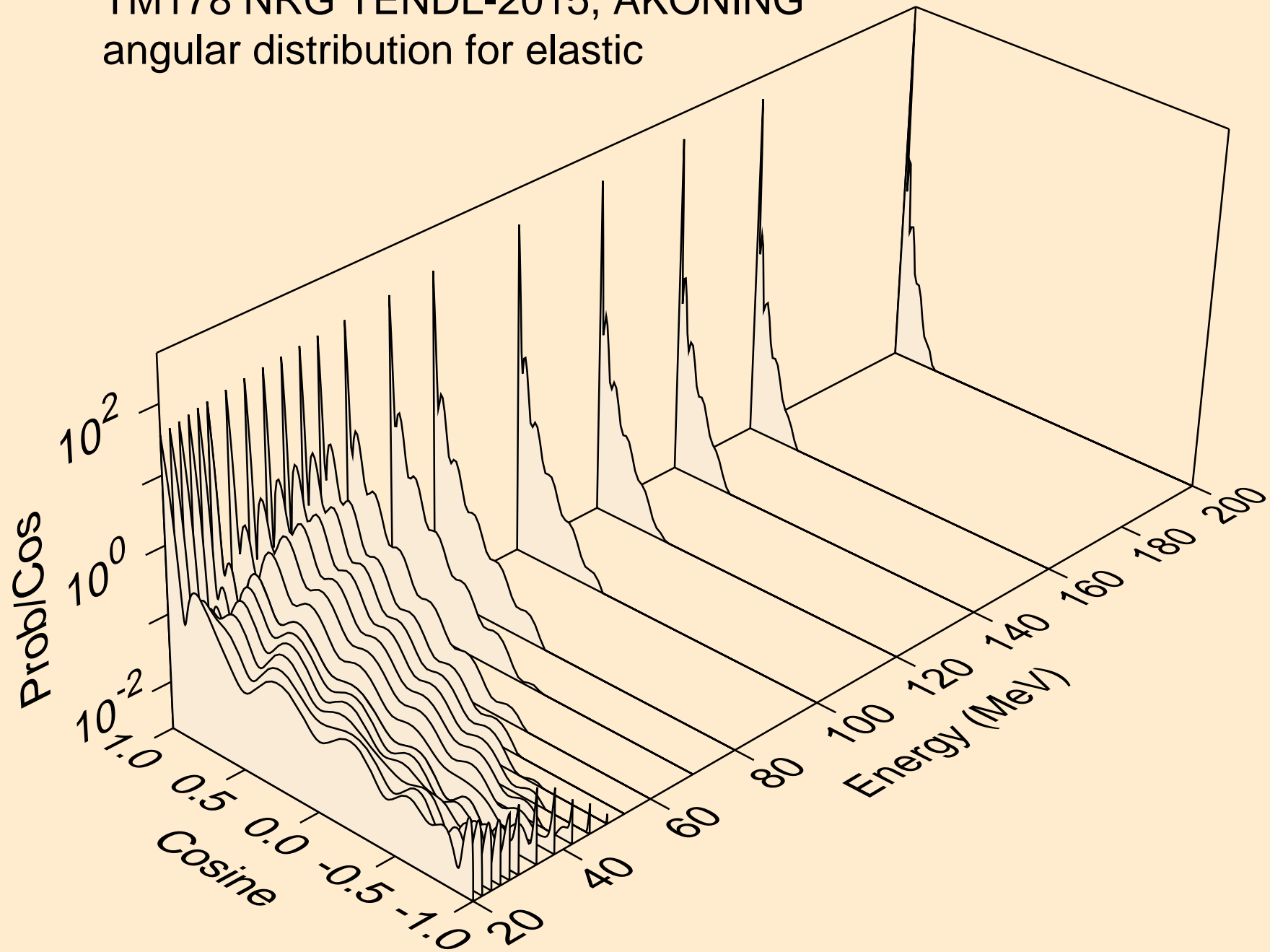


TM178 NRG TENDL-2015, AKONING  
angular distribution for elastic

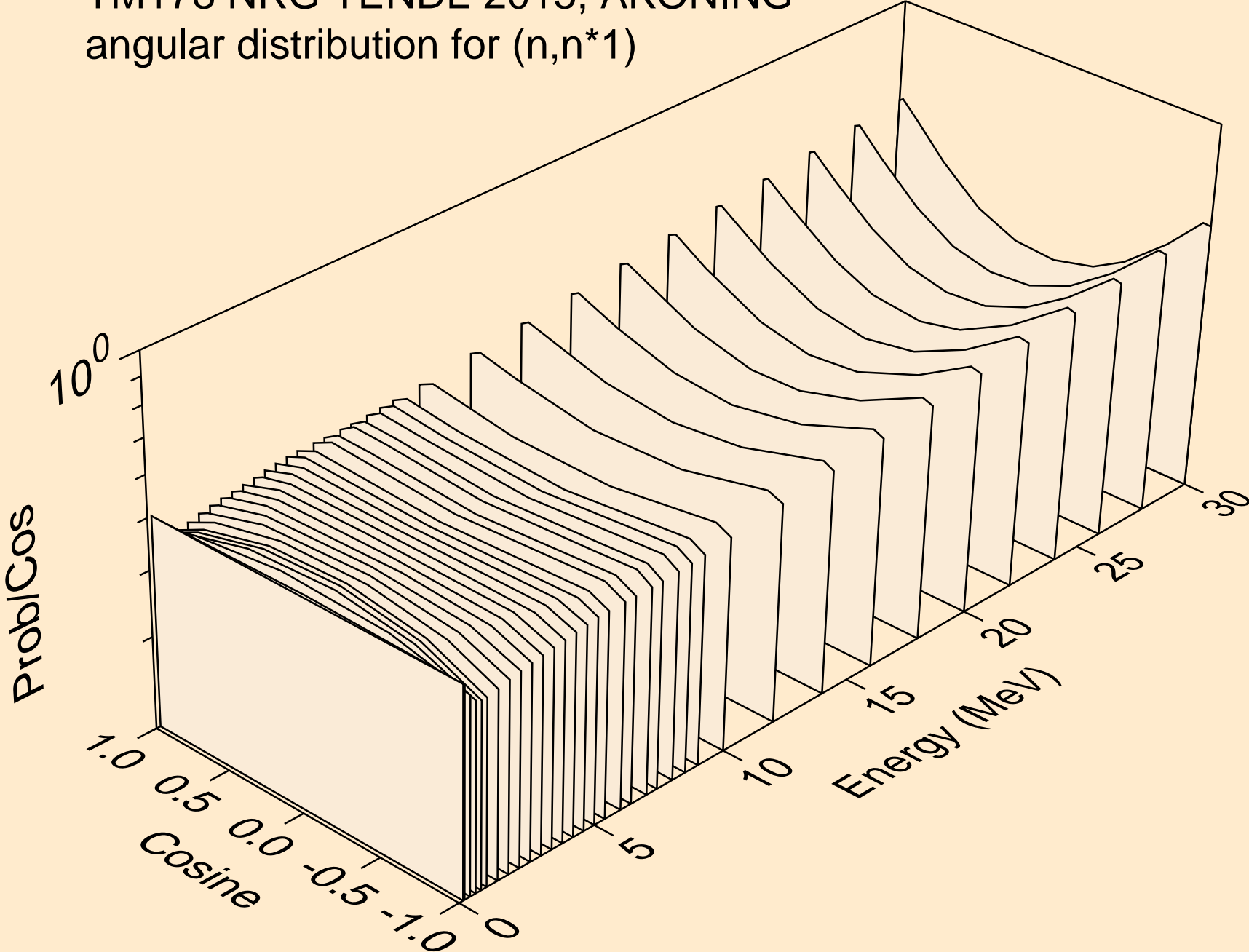




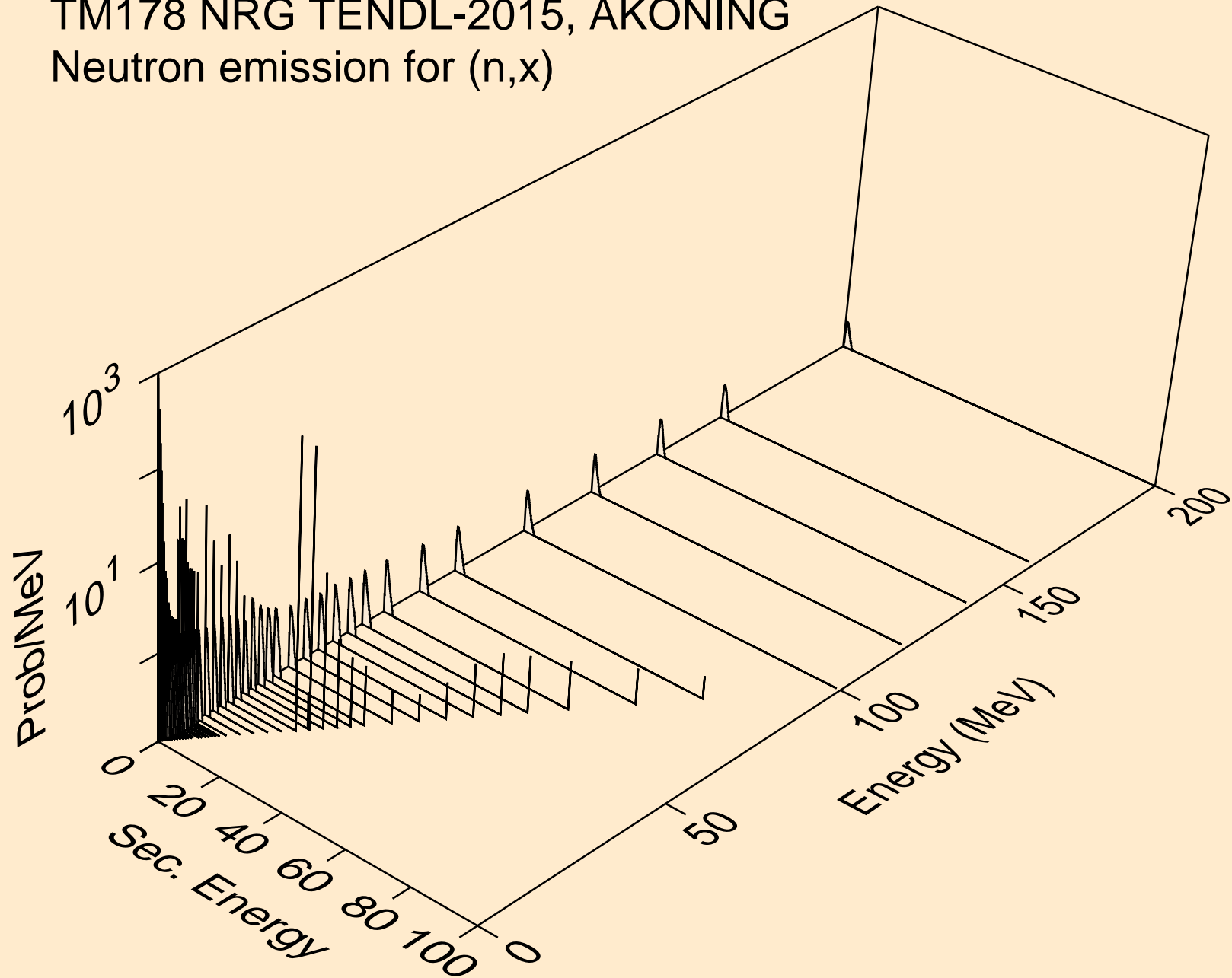
TM178 NRG TENDL-2015, AKONING  
angular distribution for elastic



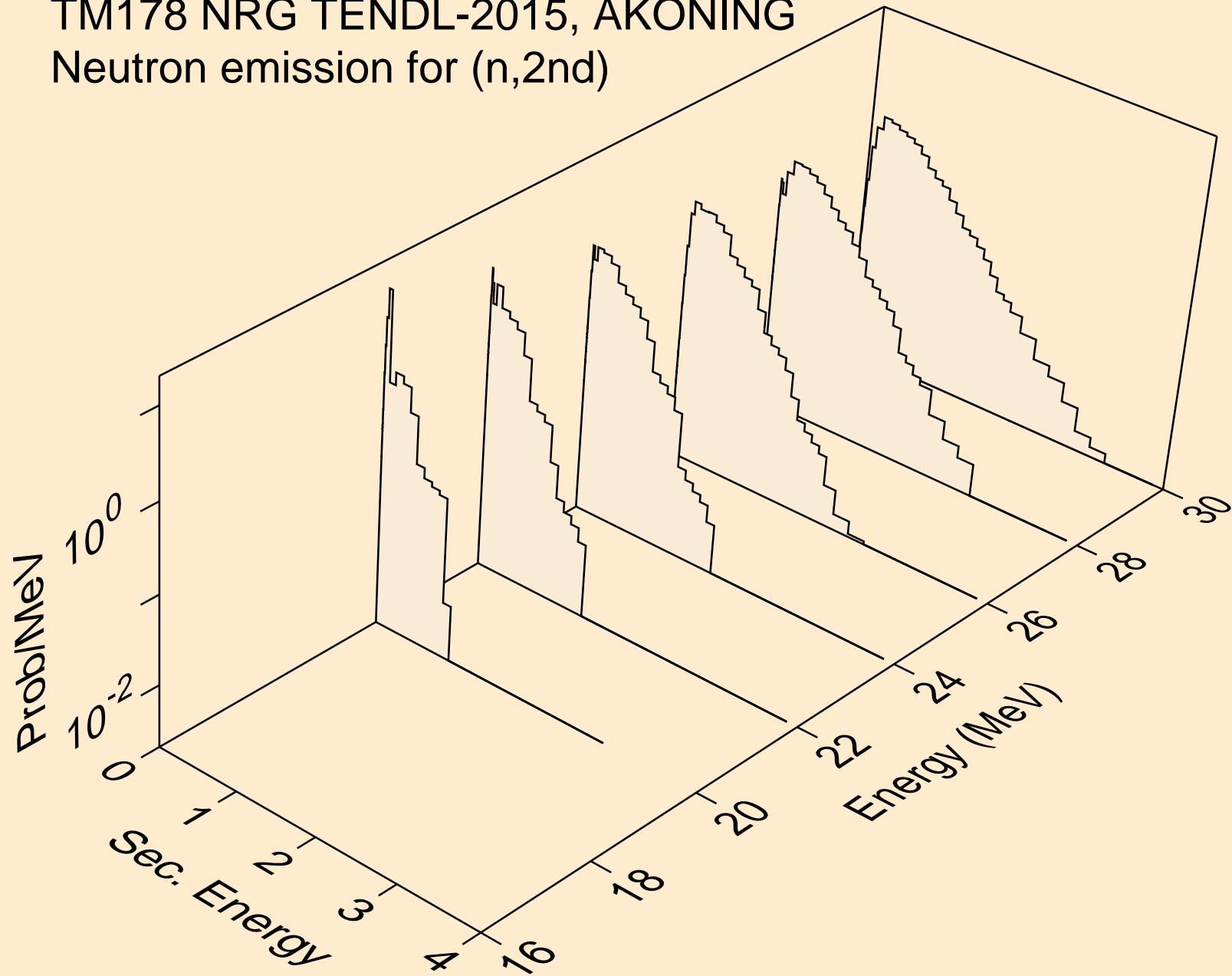
TM178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



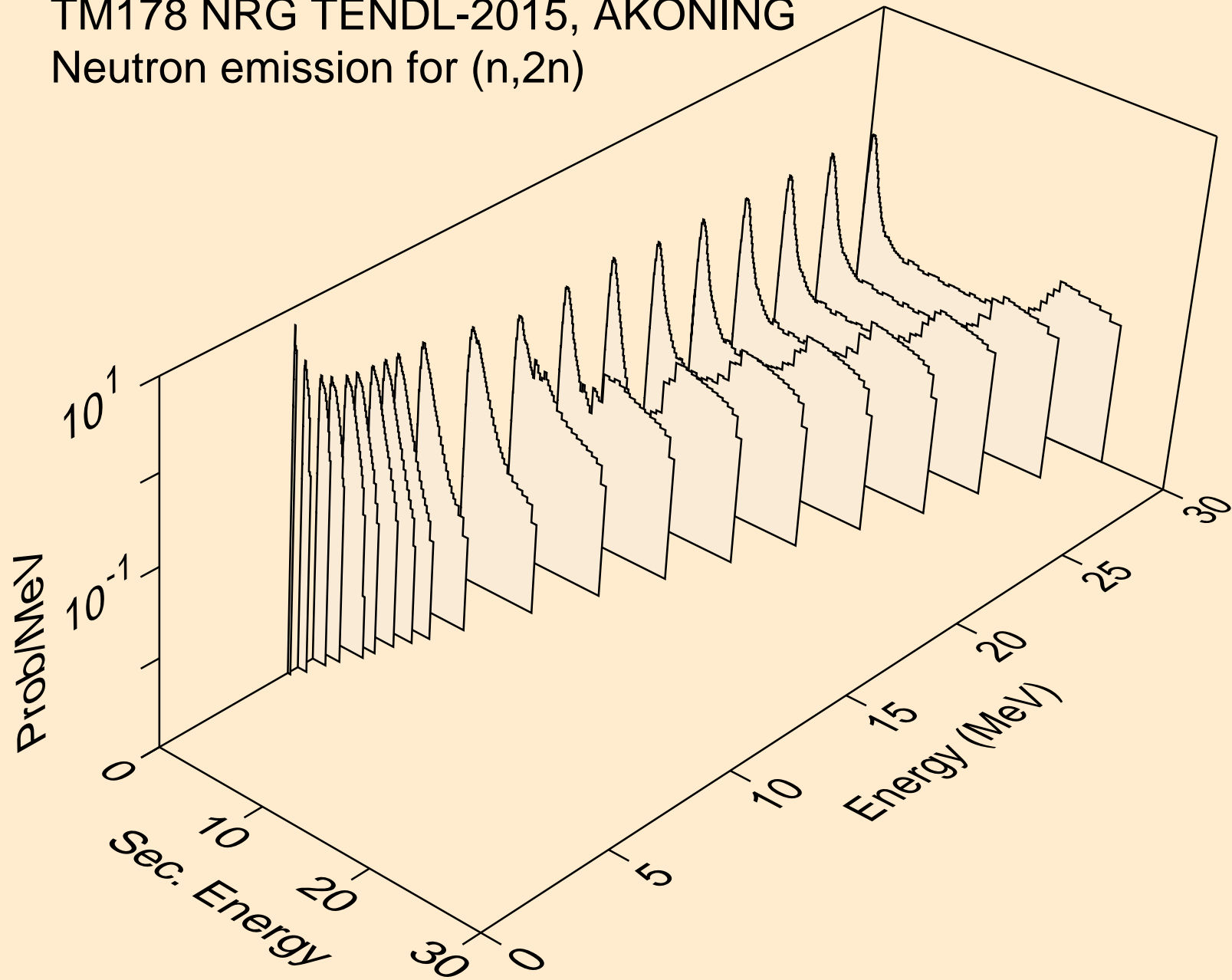
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



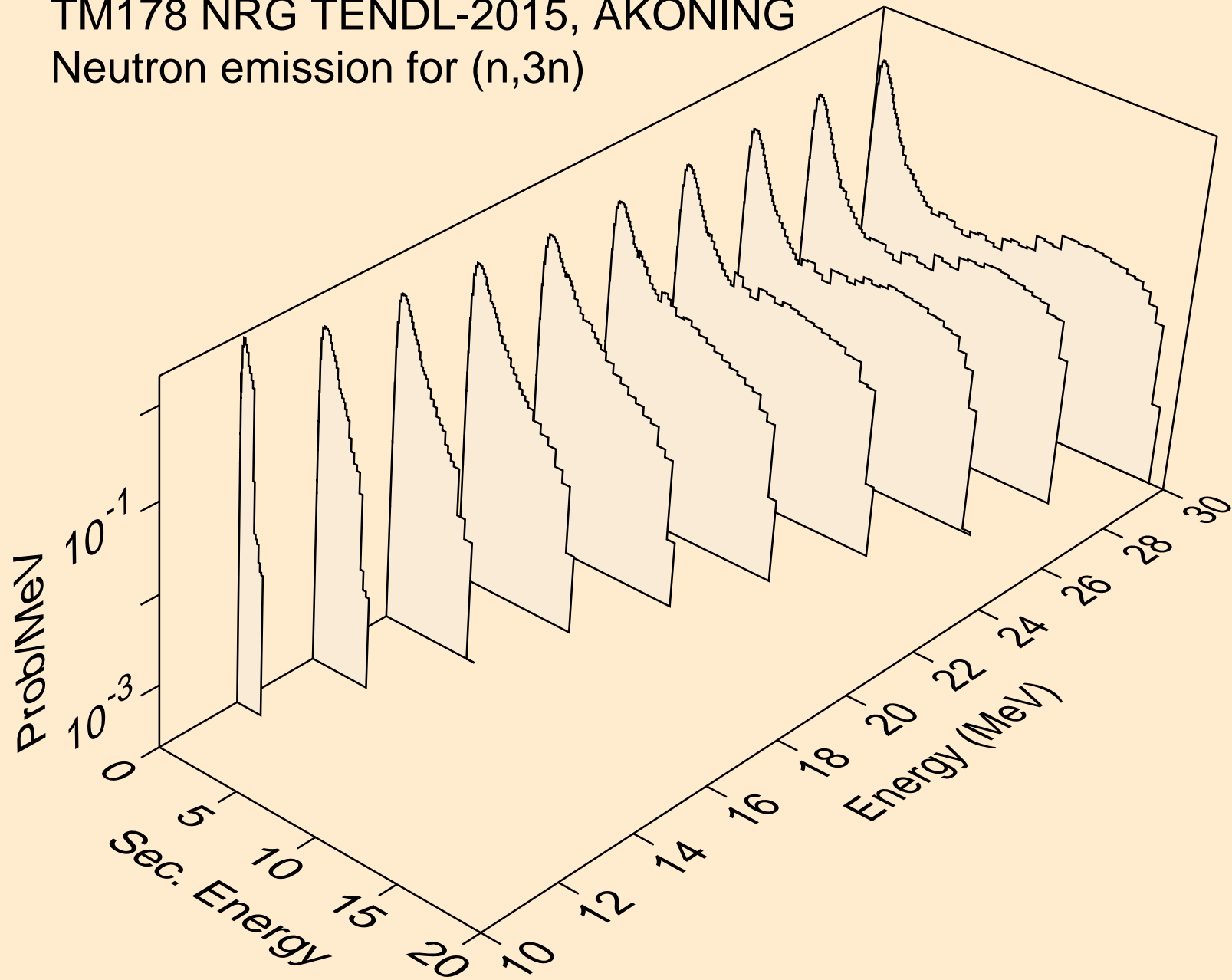
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



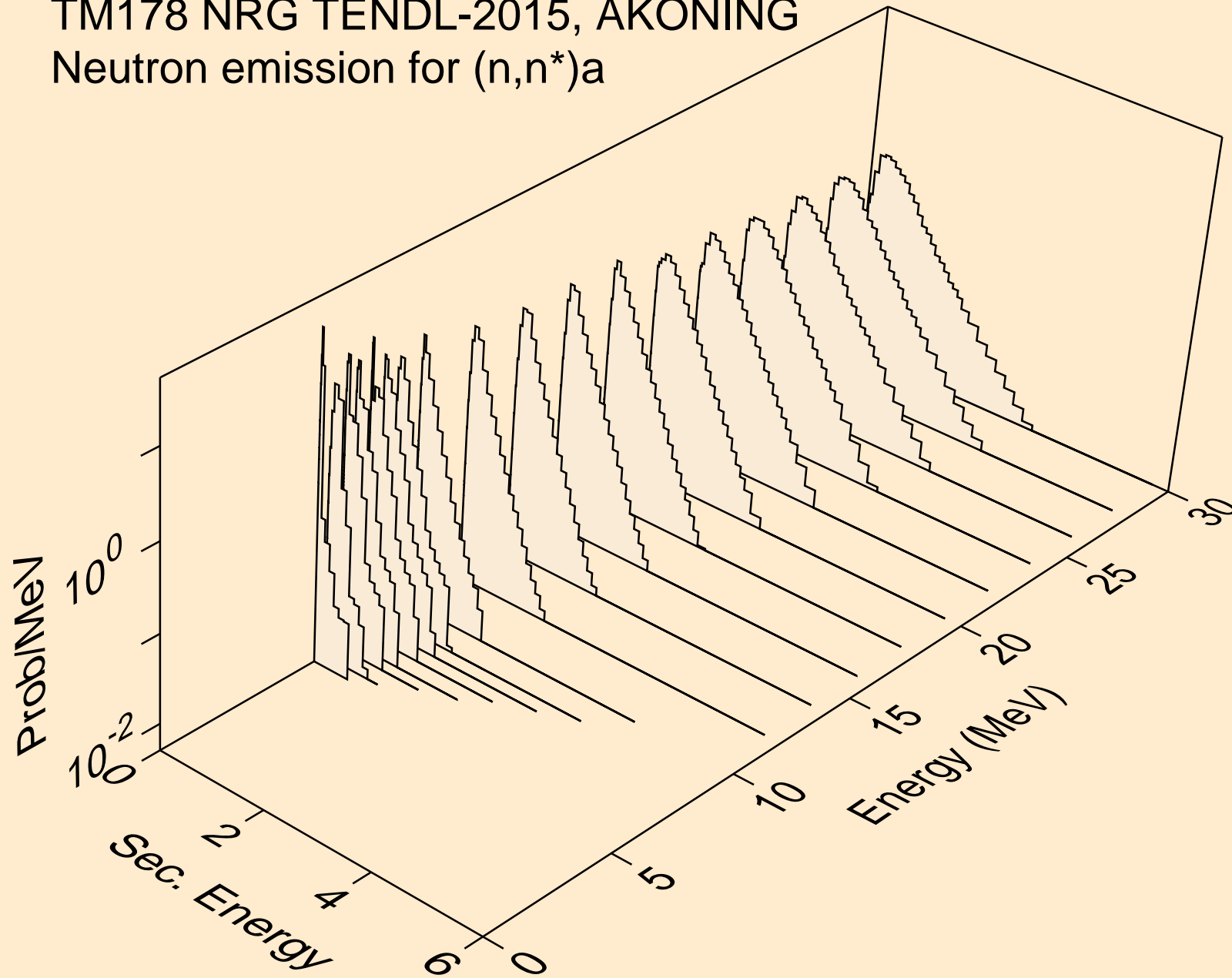
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



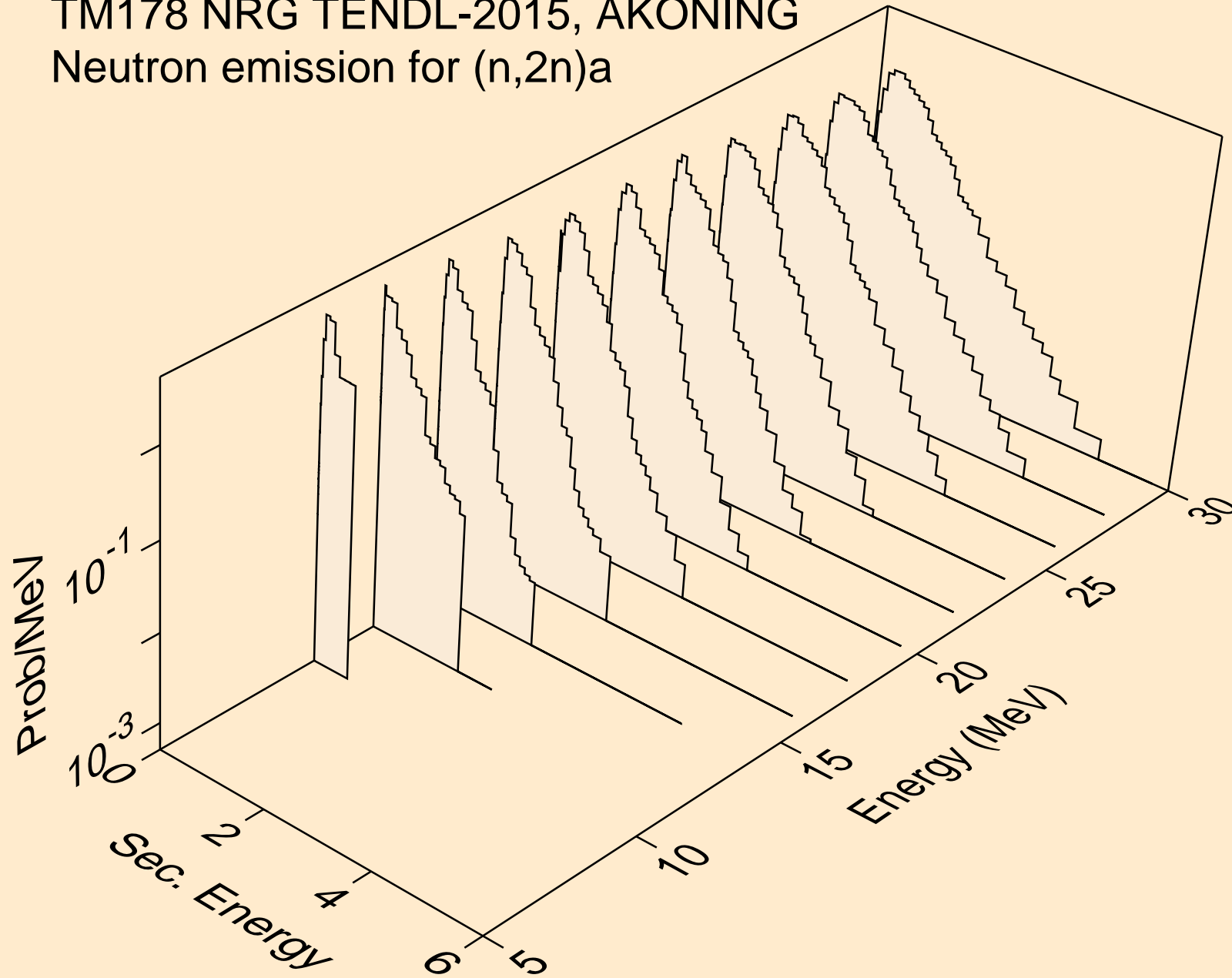
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

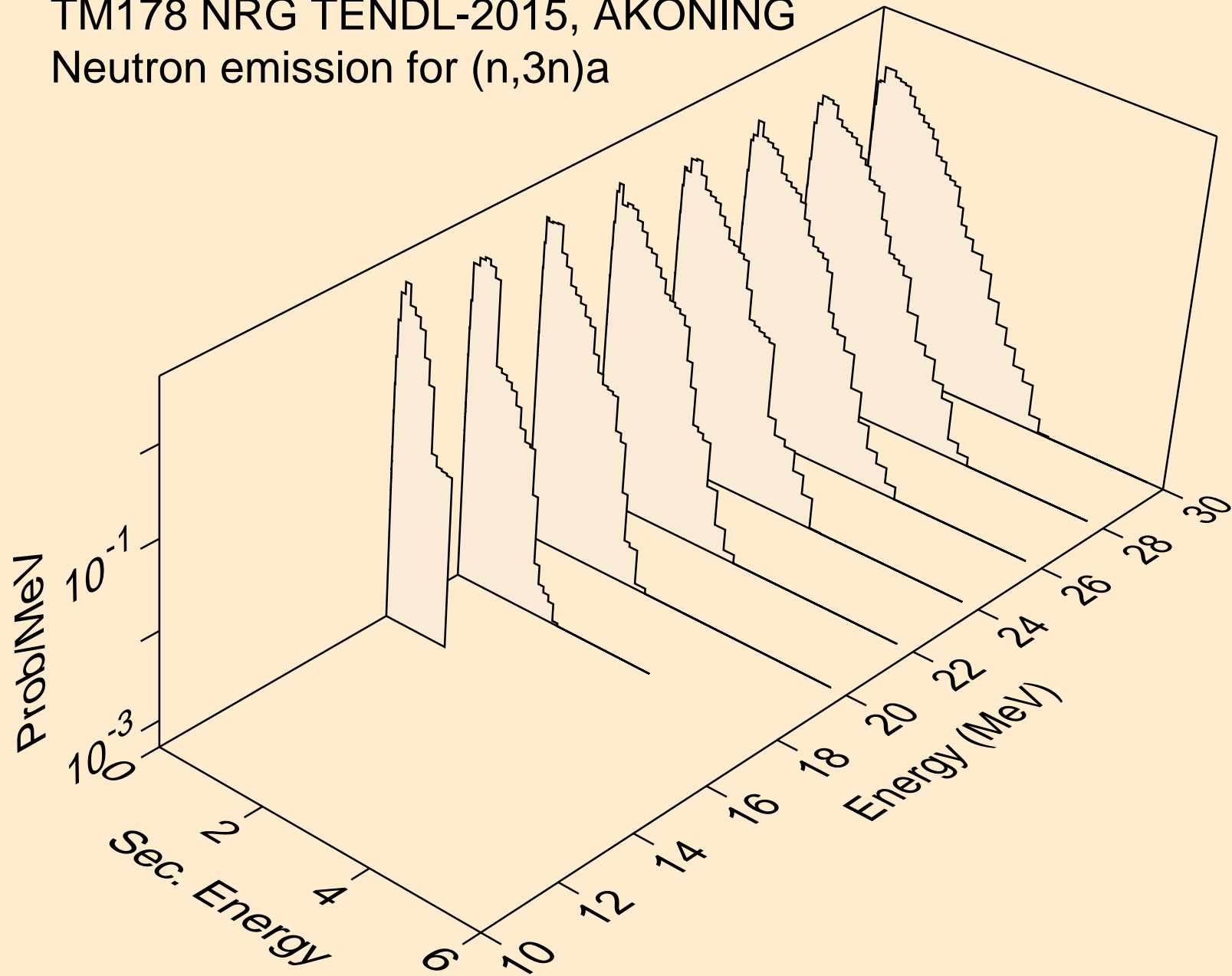


TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

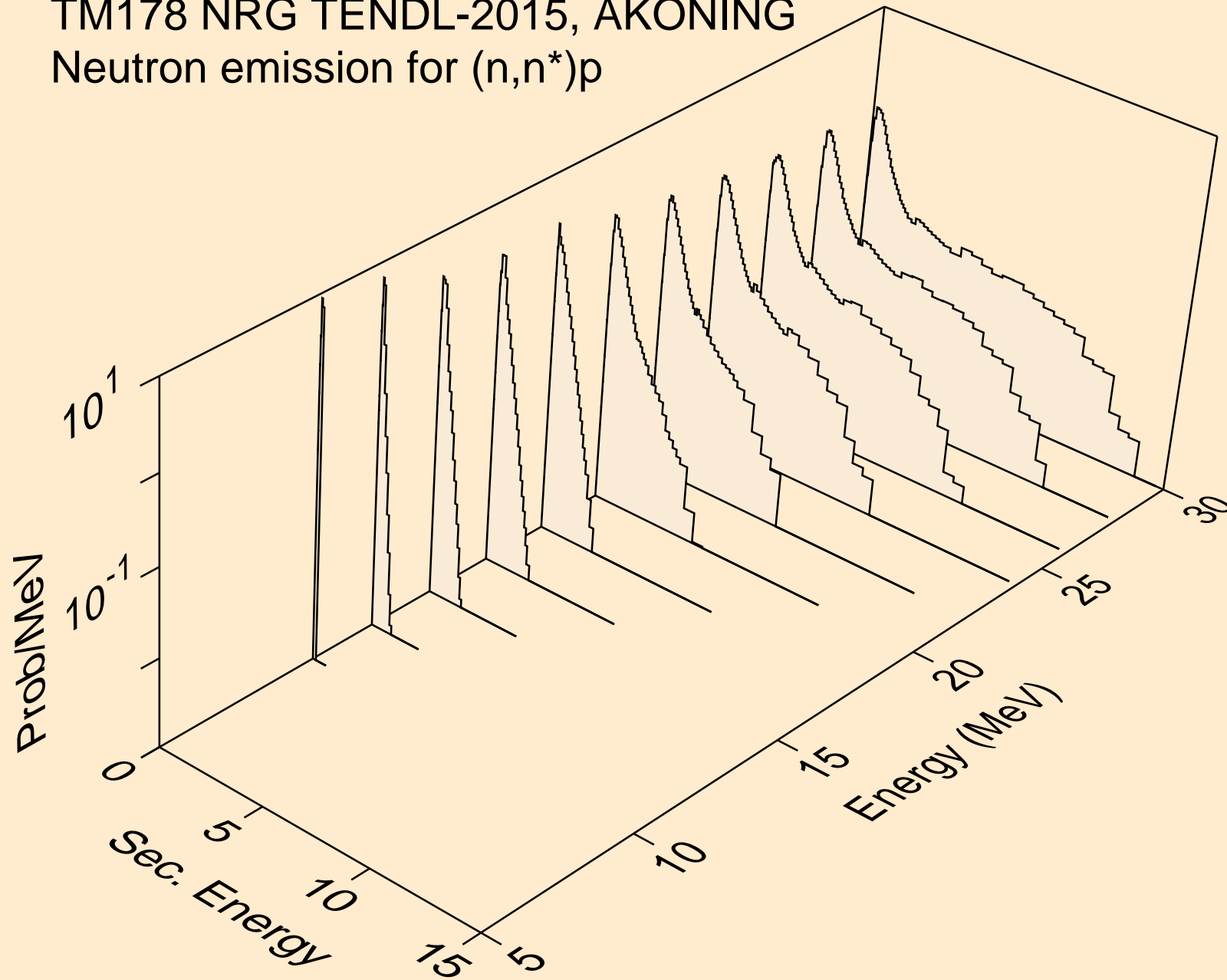




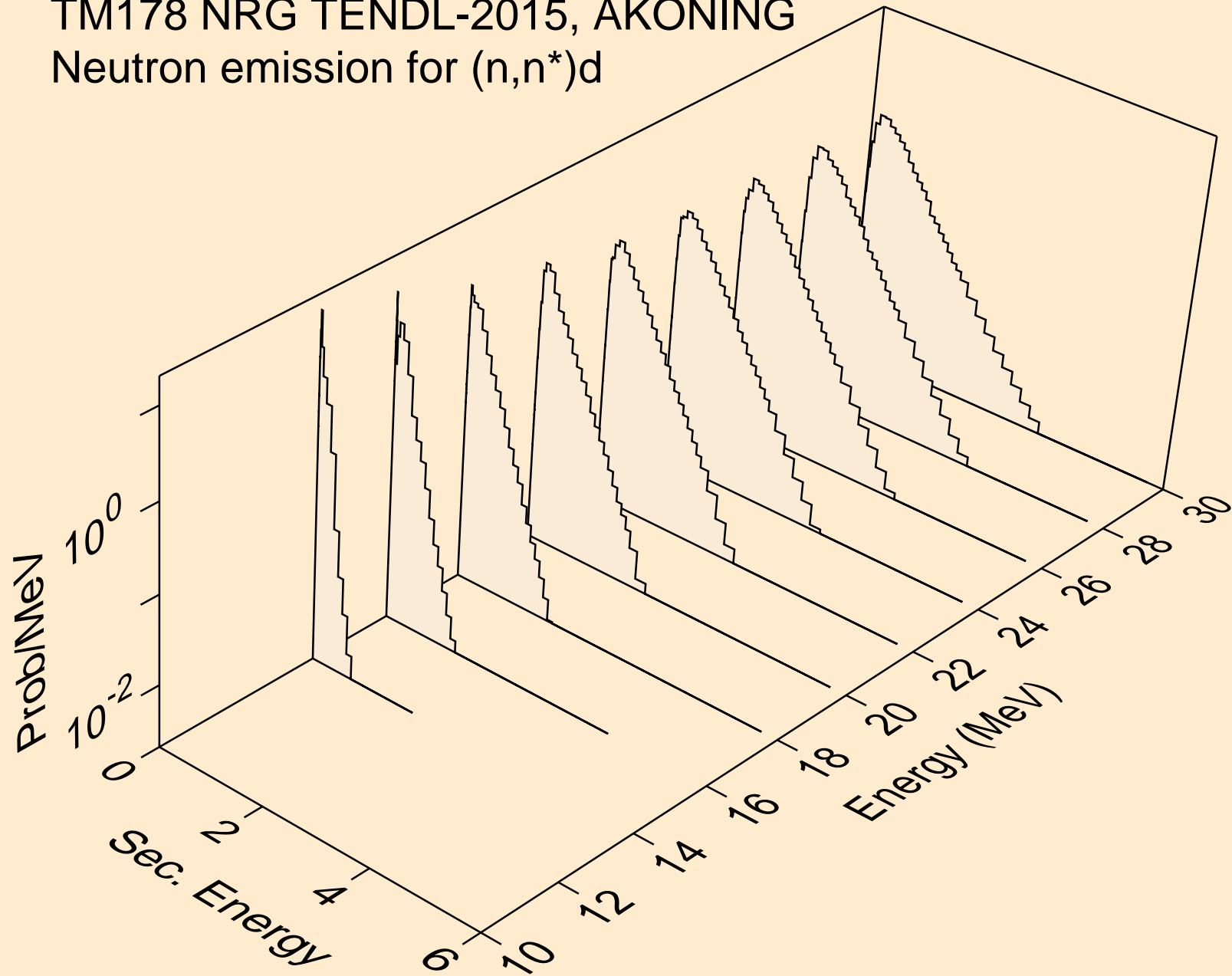
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



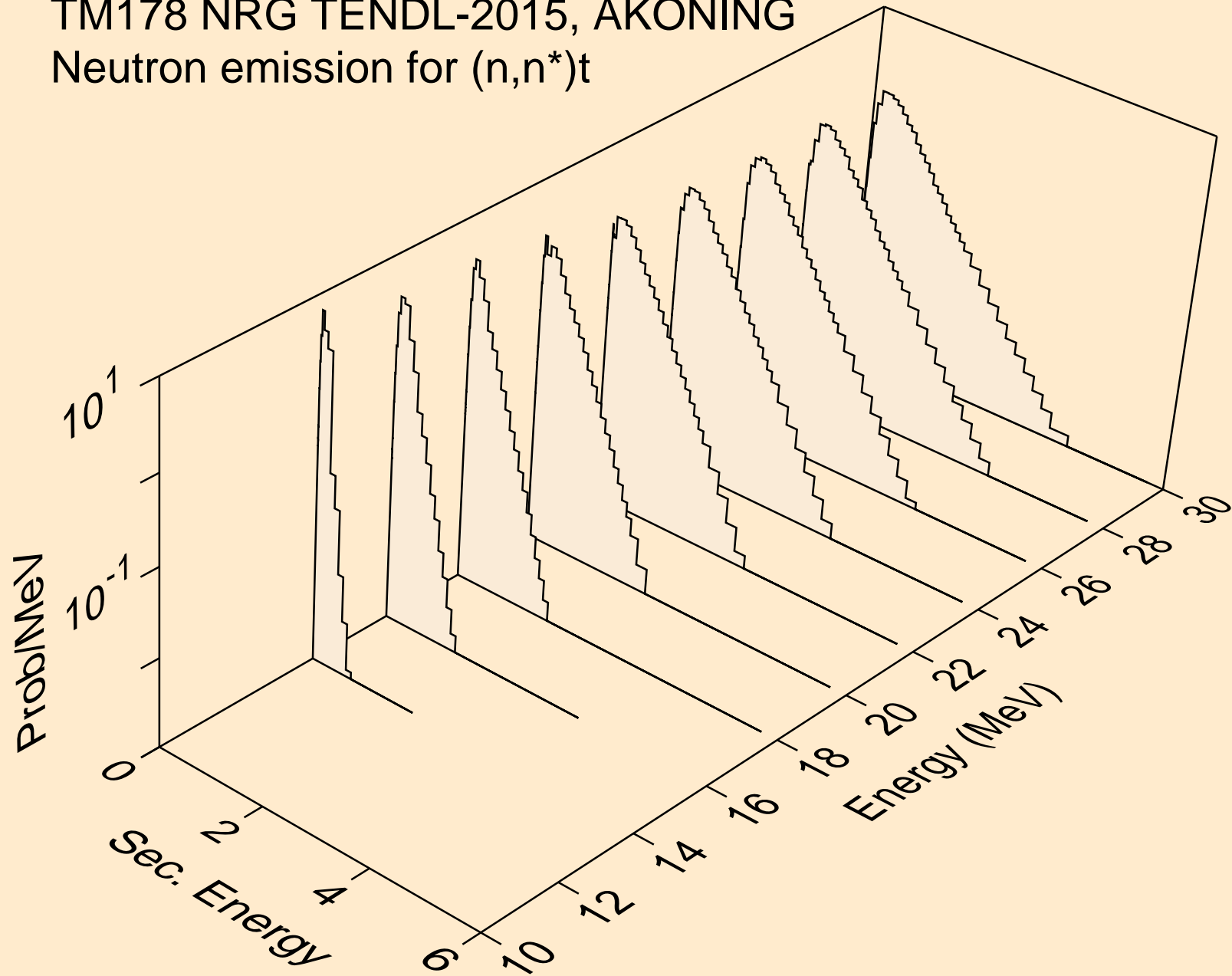
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



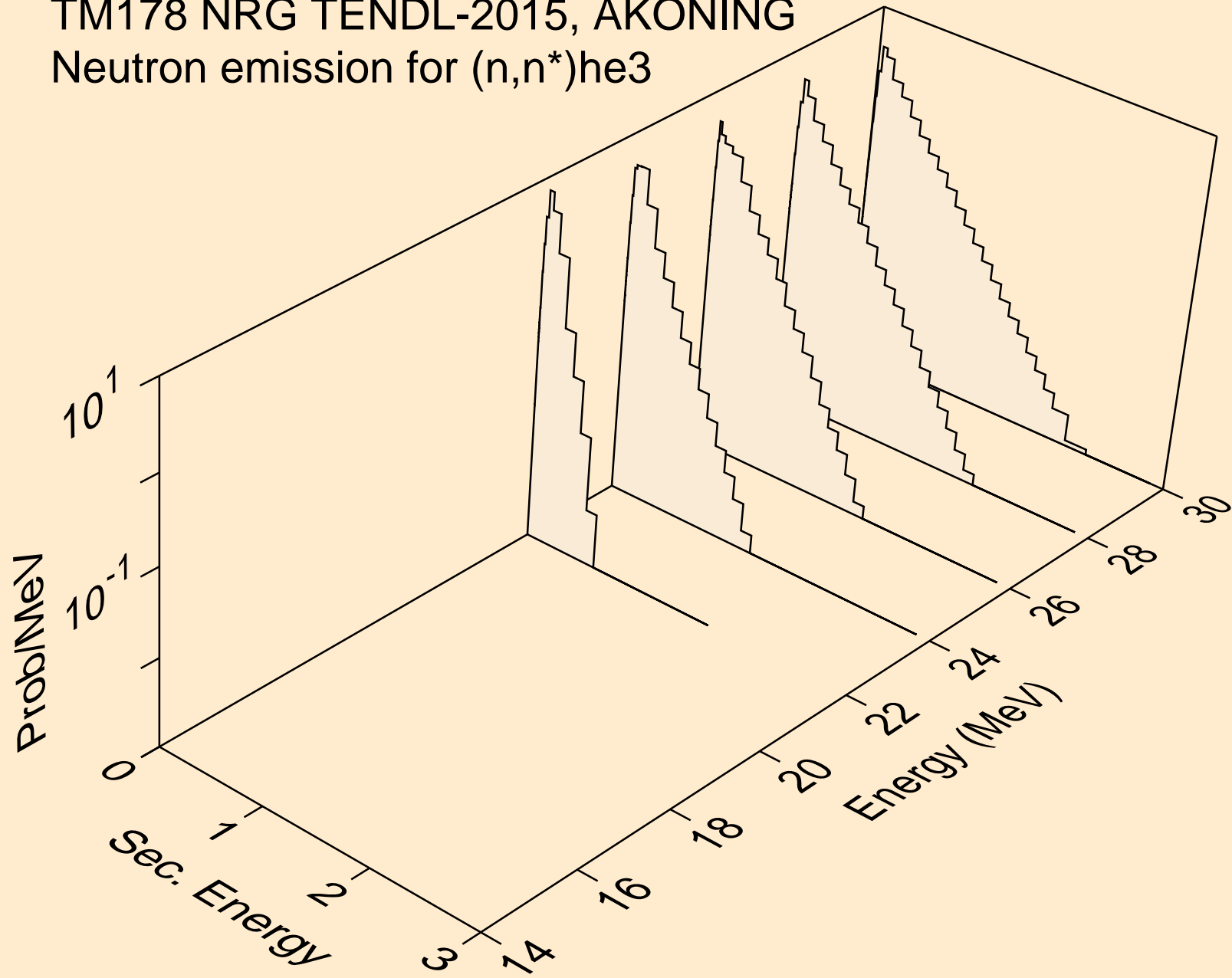
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



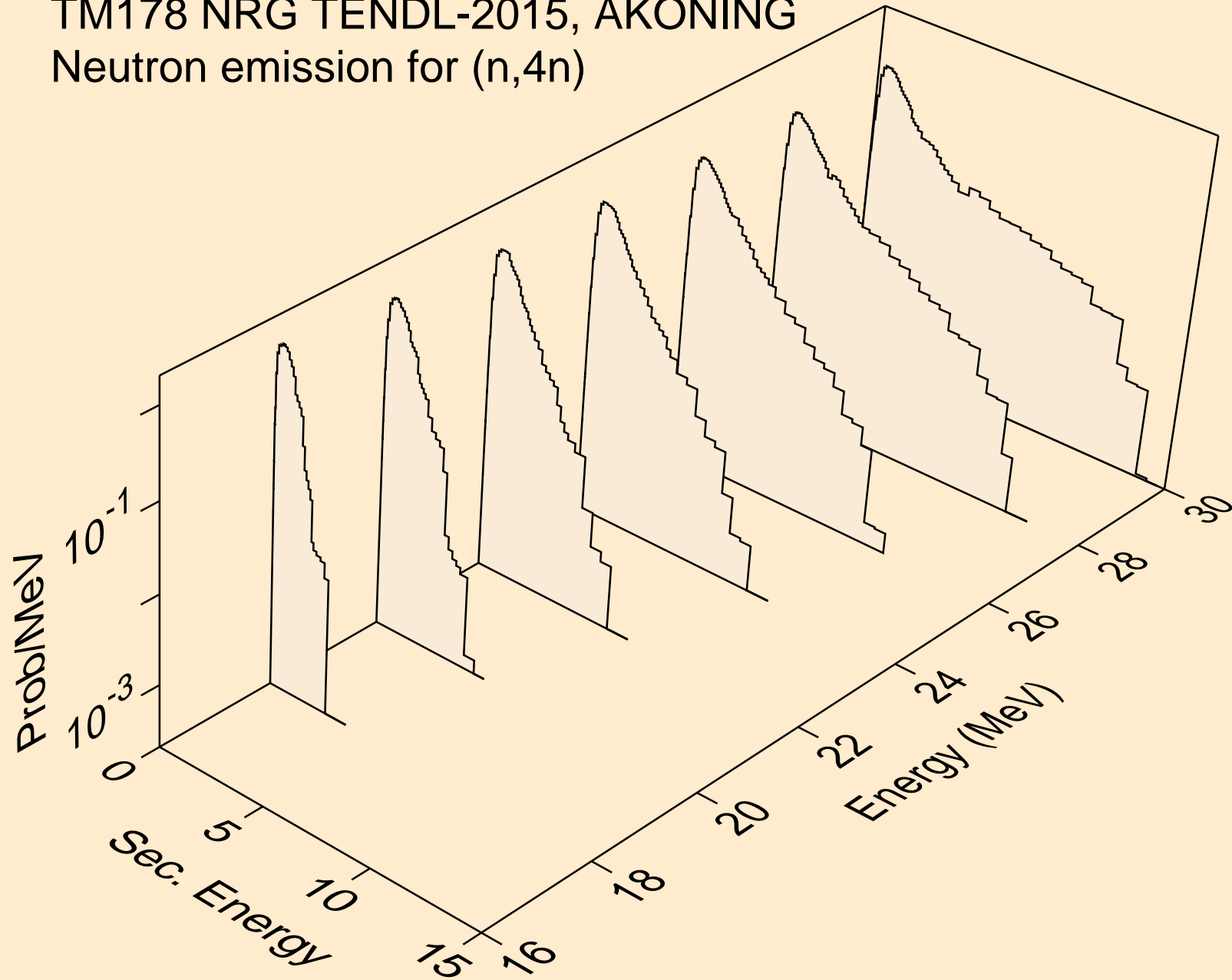
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



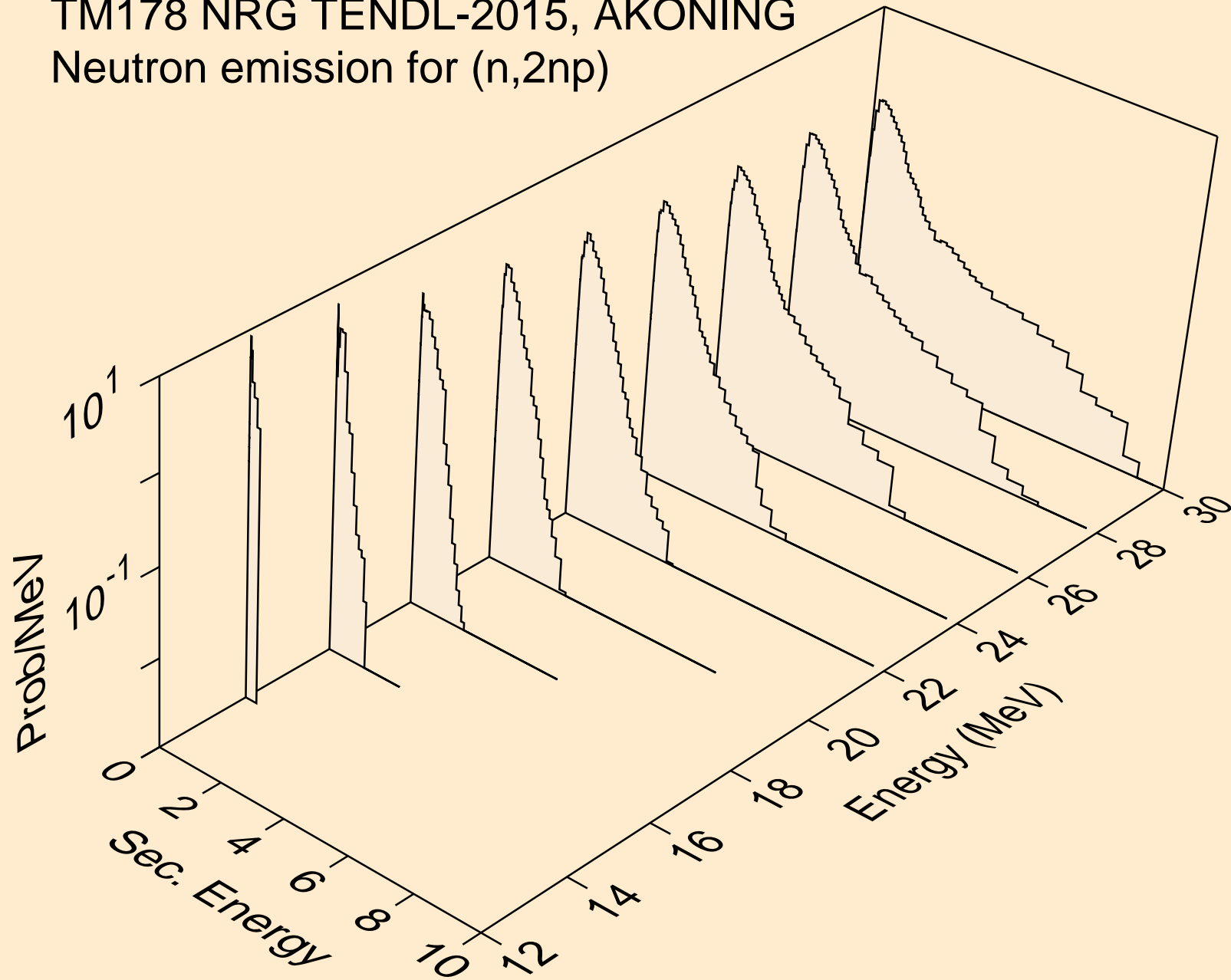
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



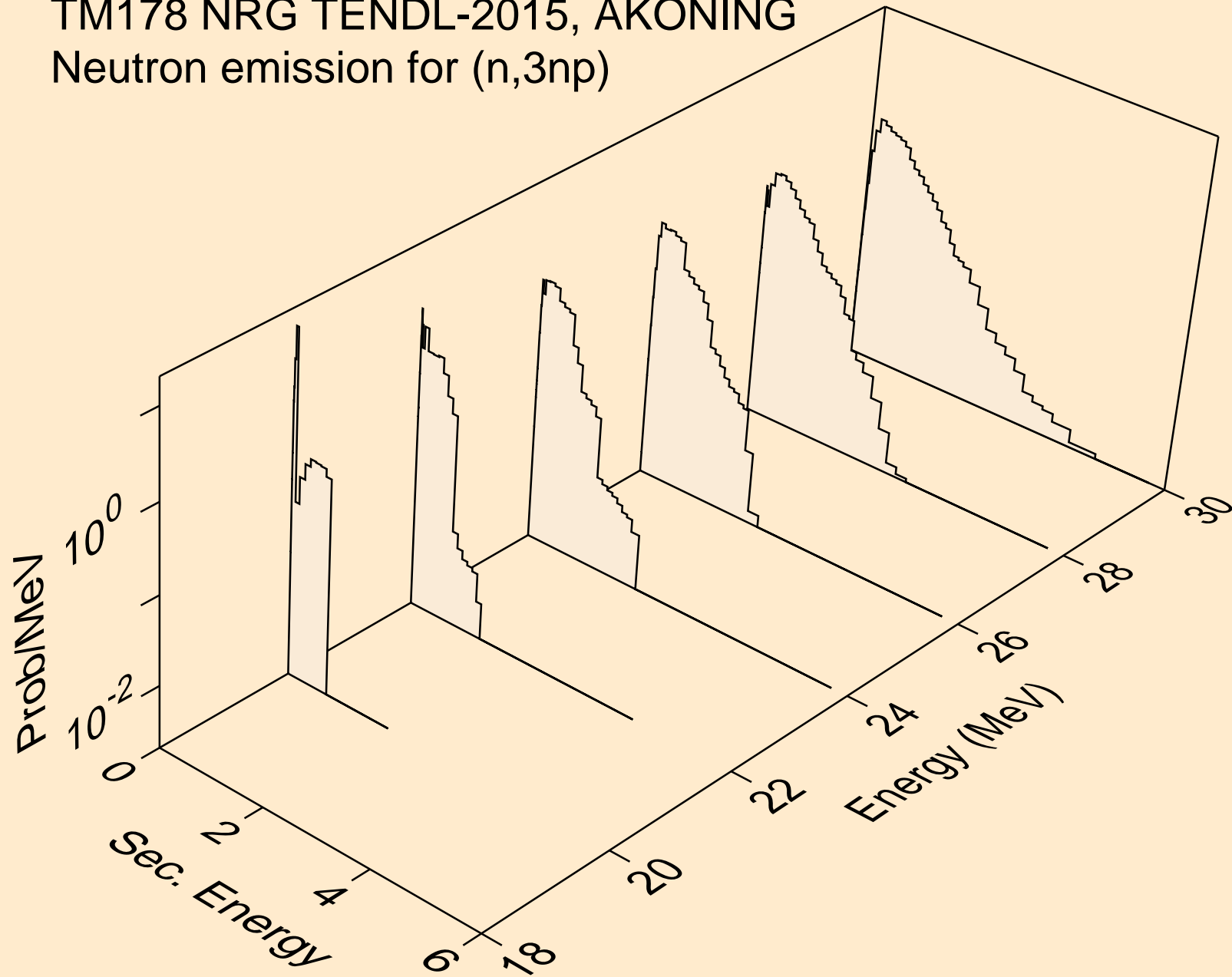
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

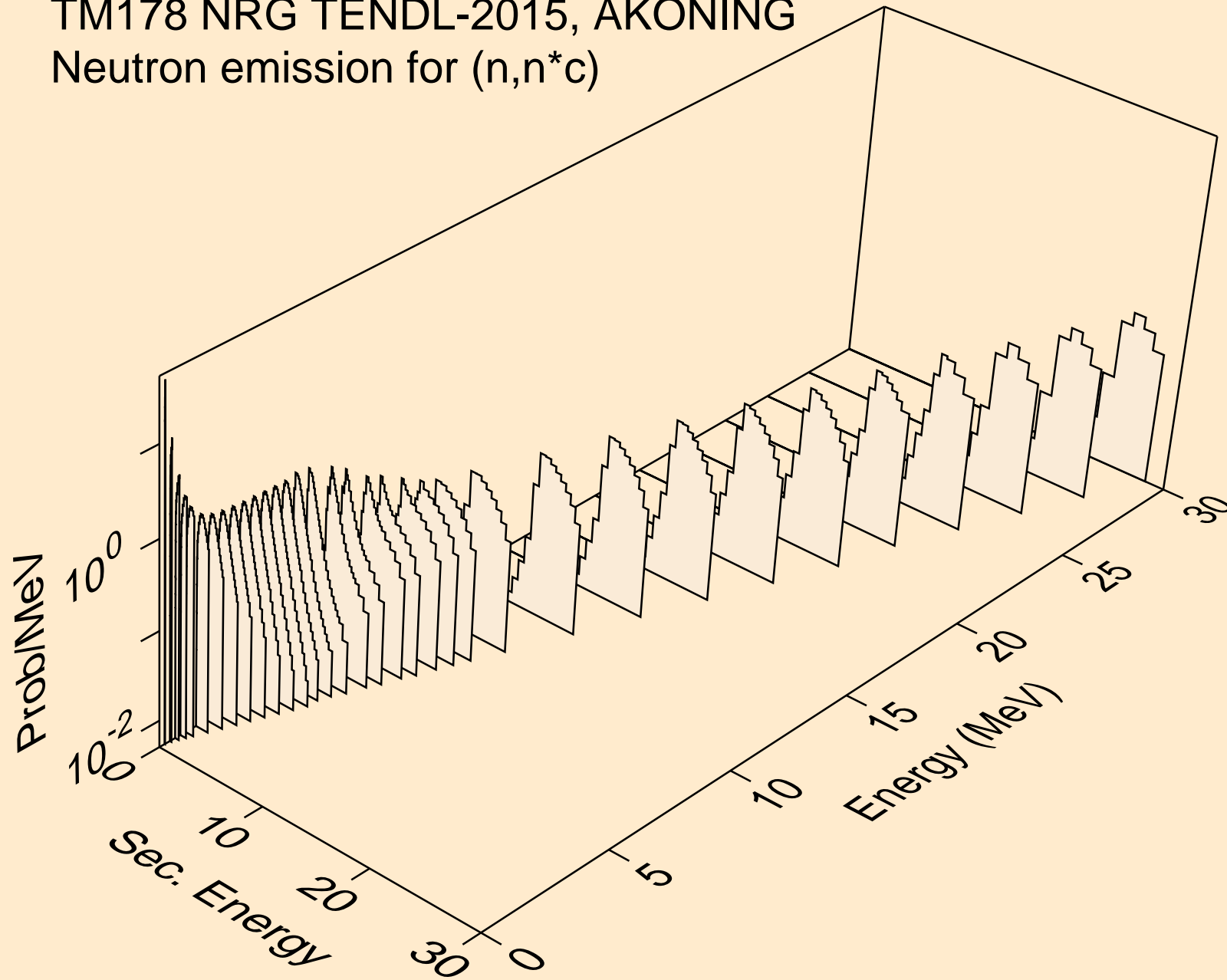


TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

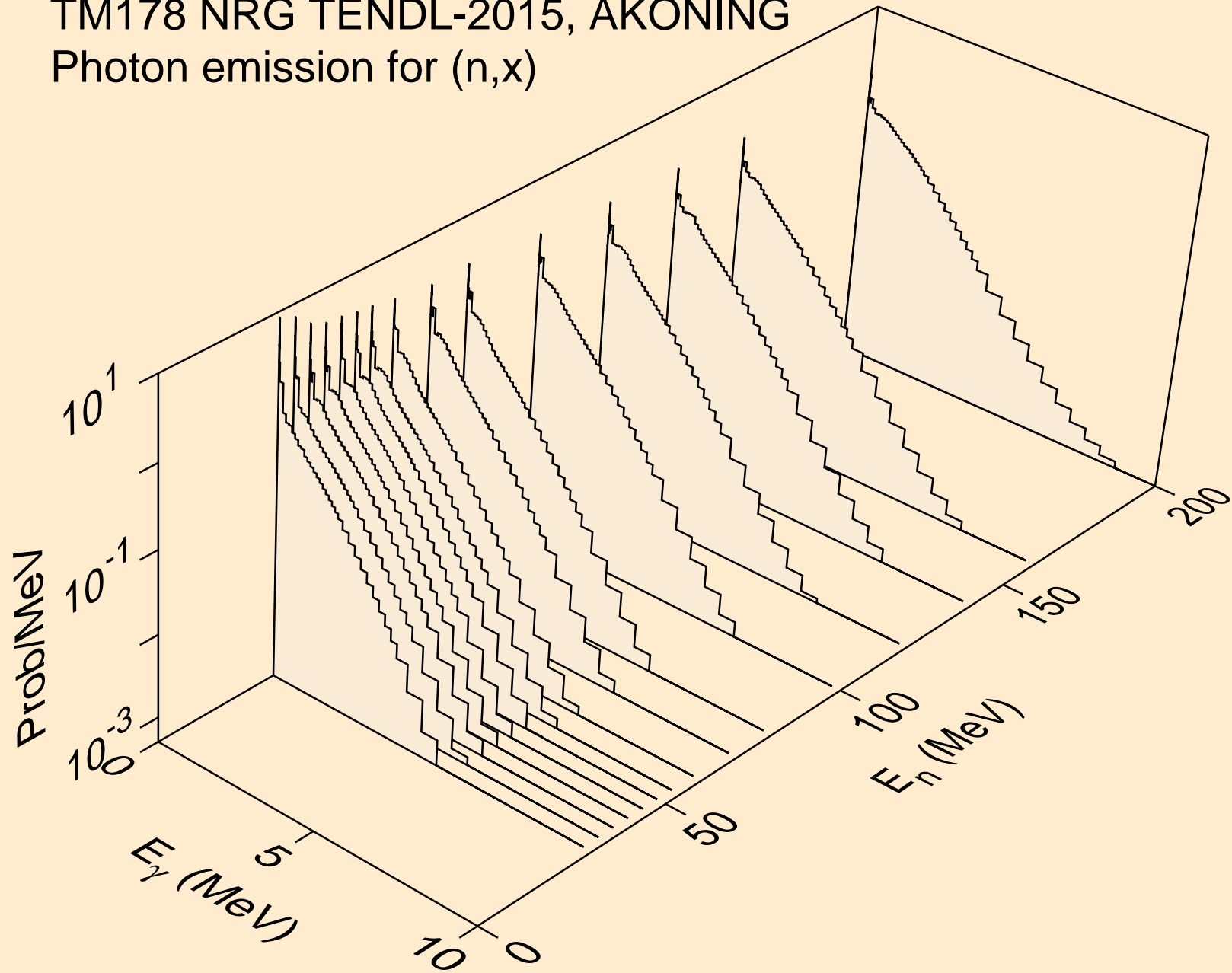




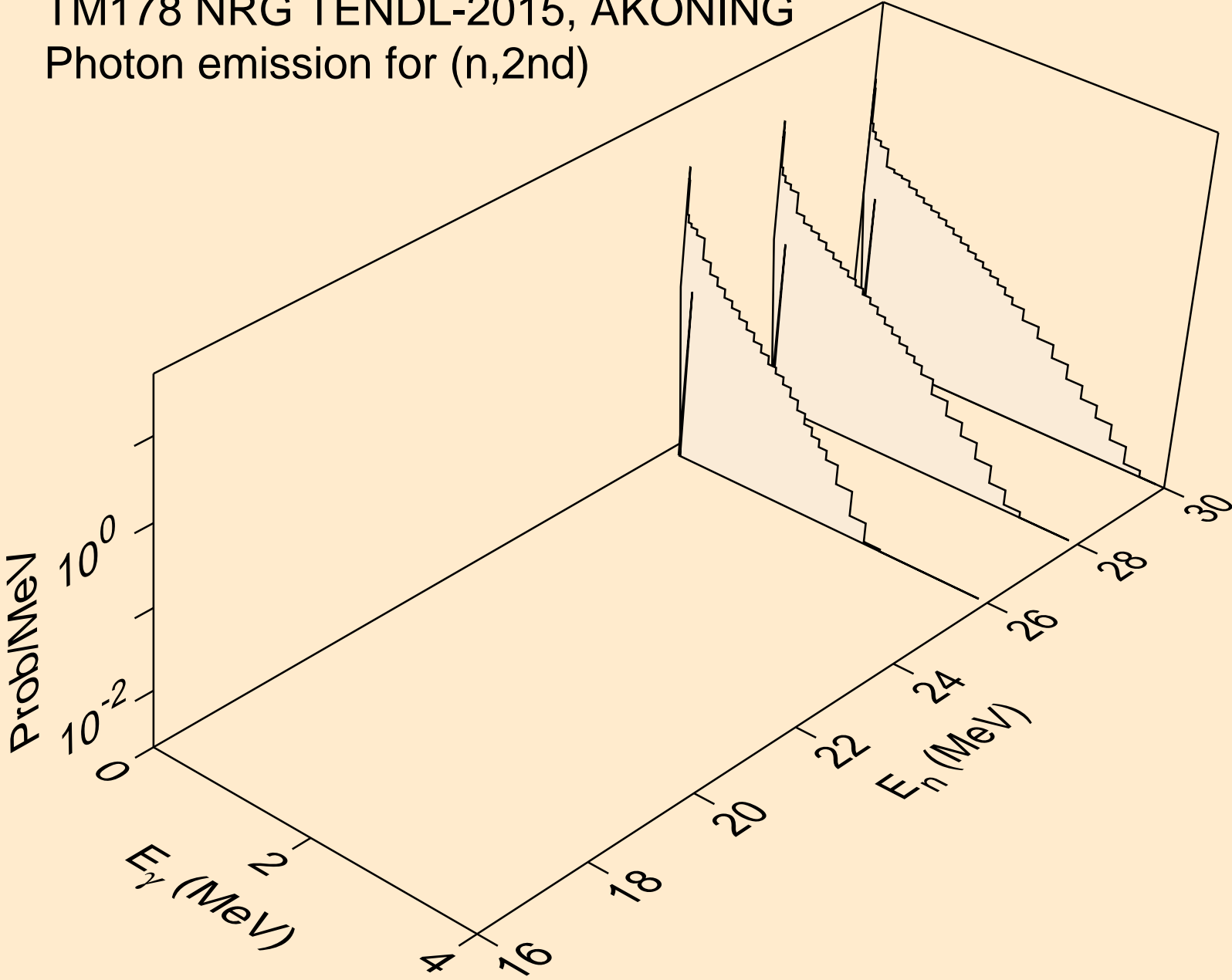
TM178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



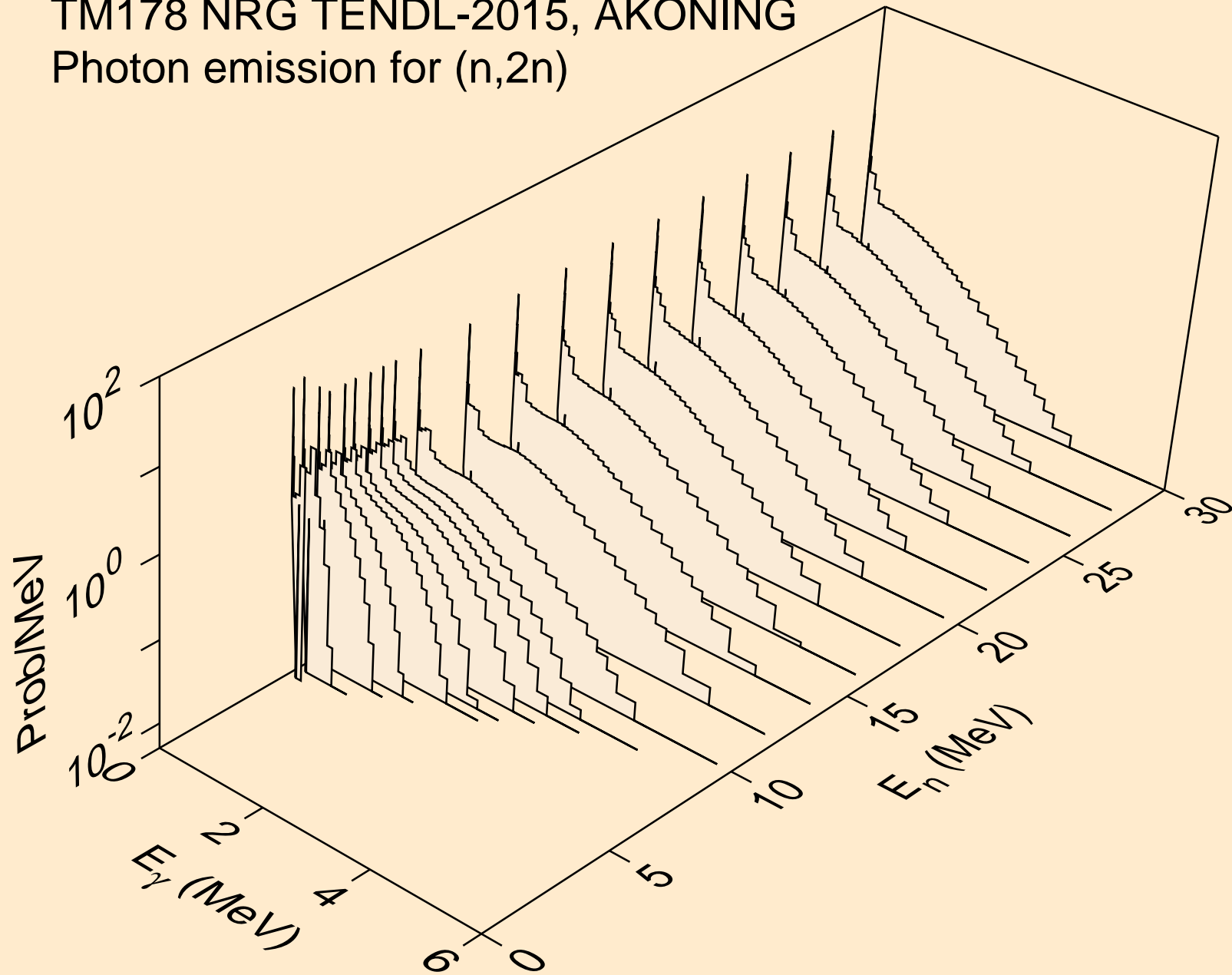
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



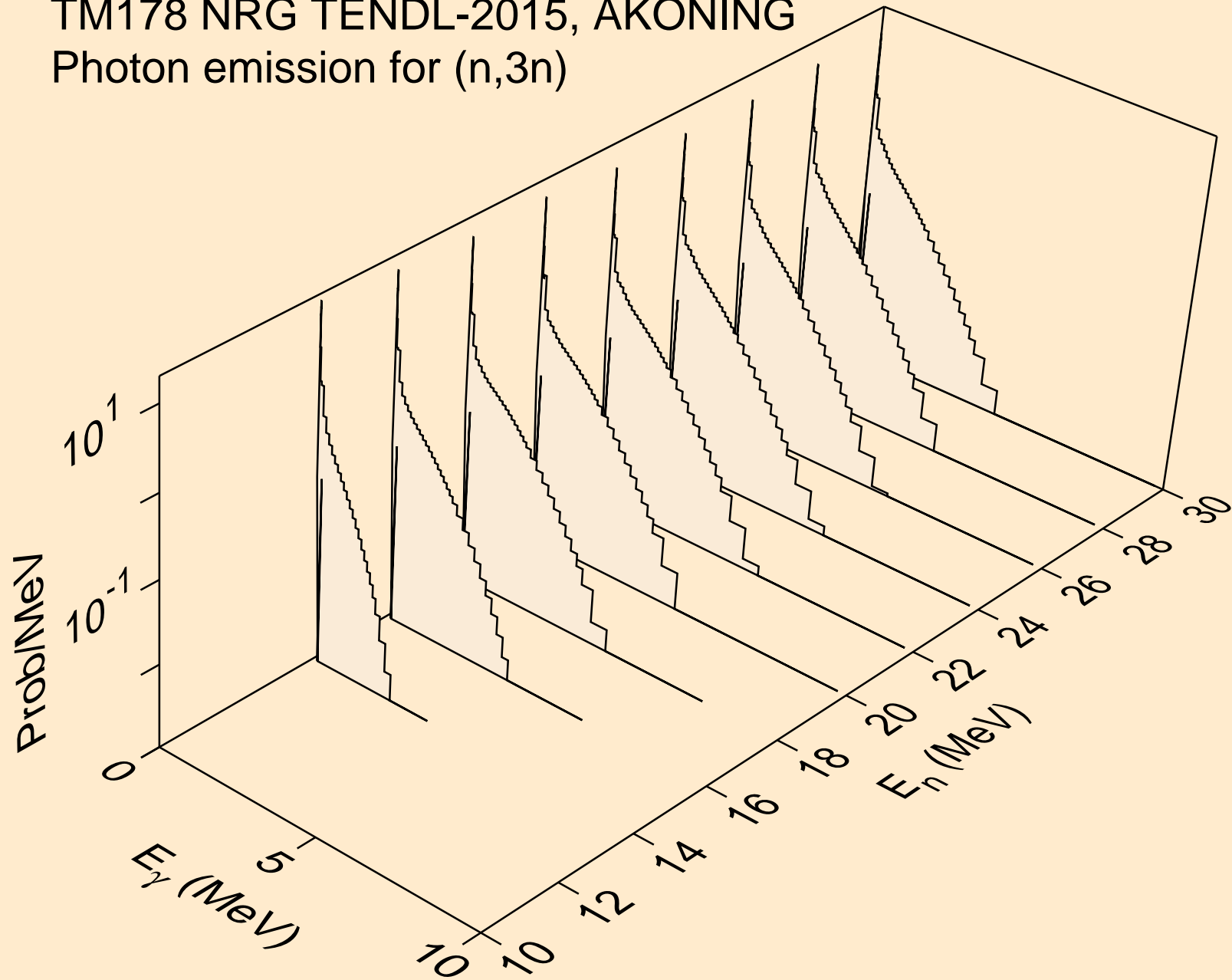
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



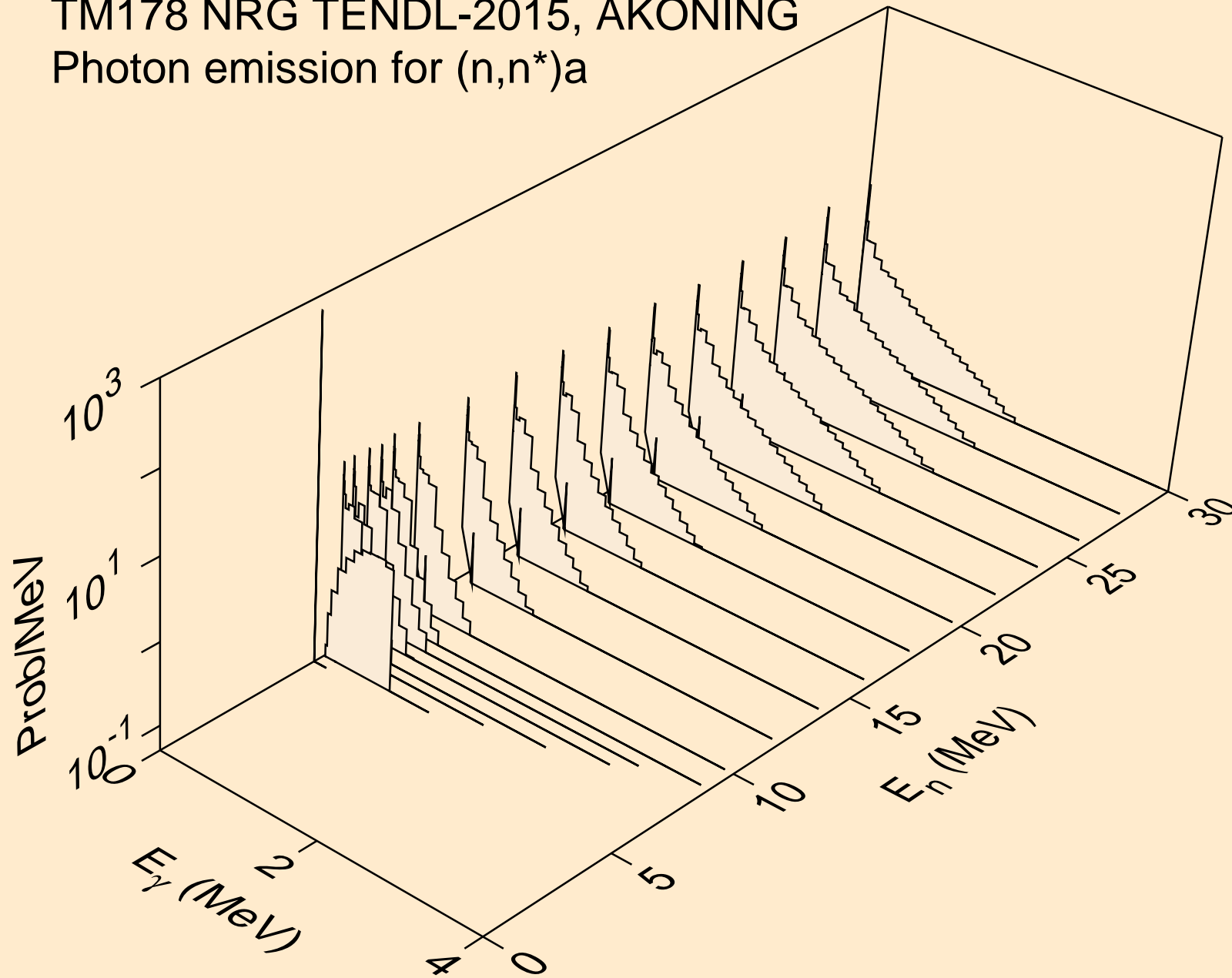
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



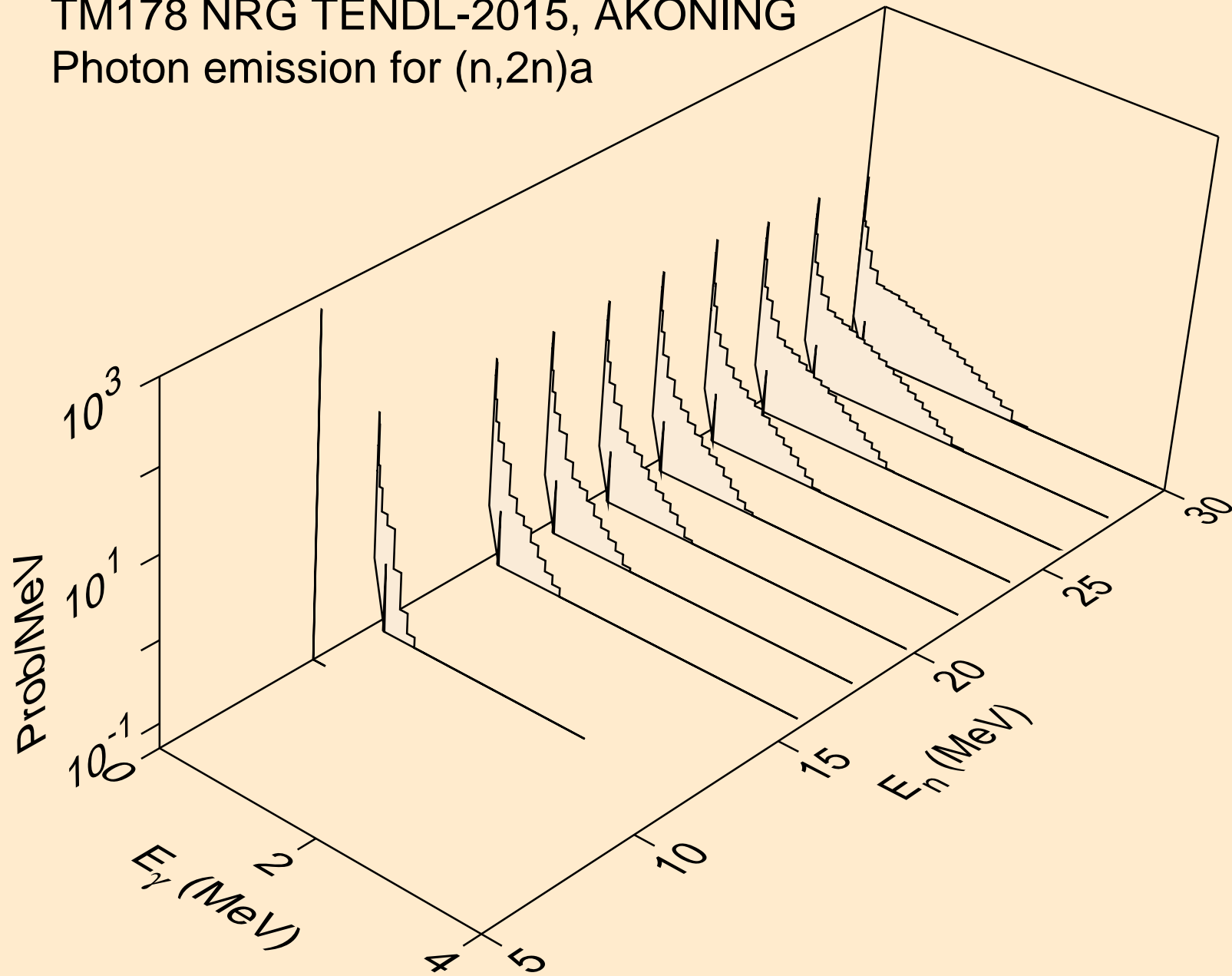
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



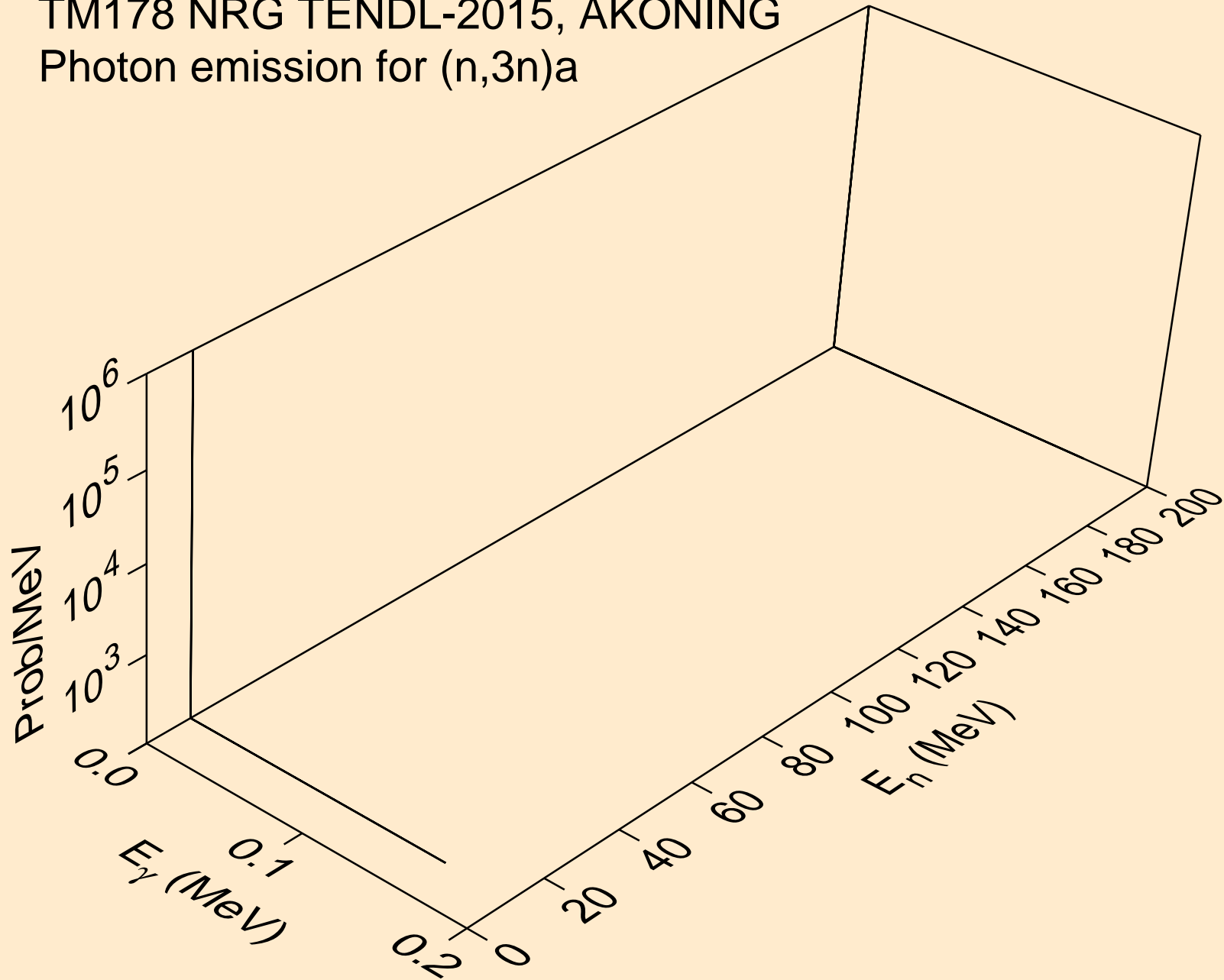
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

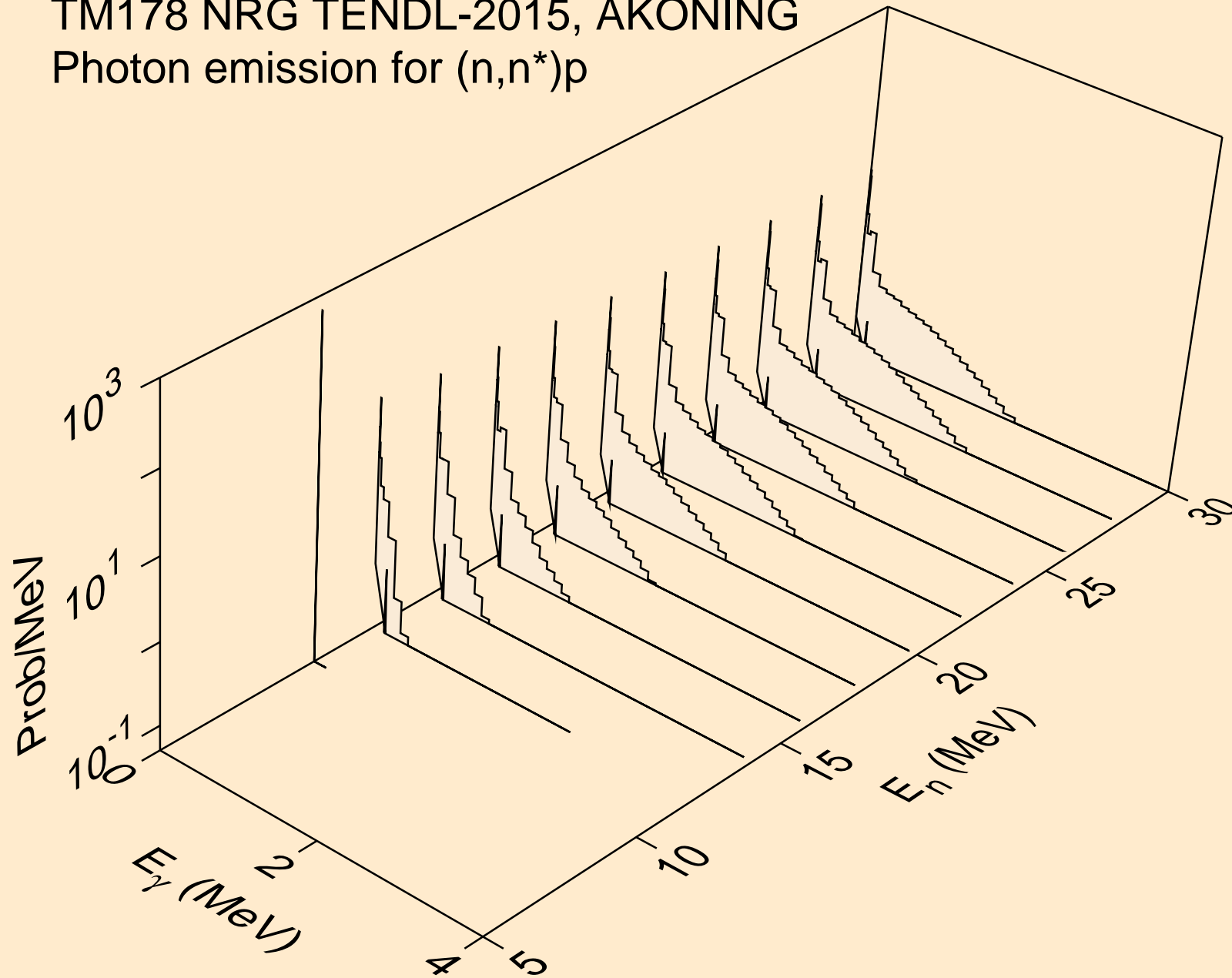


TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

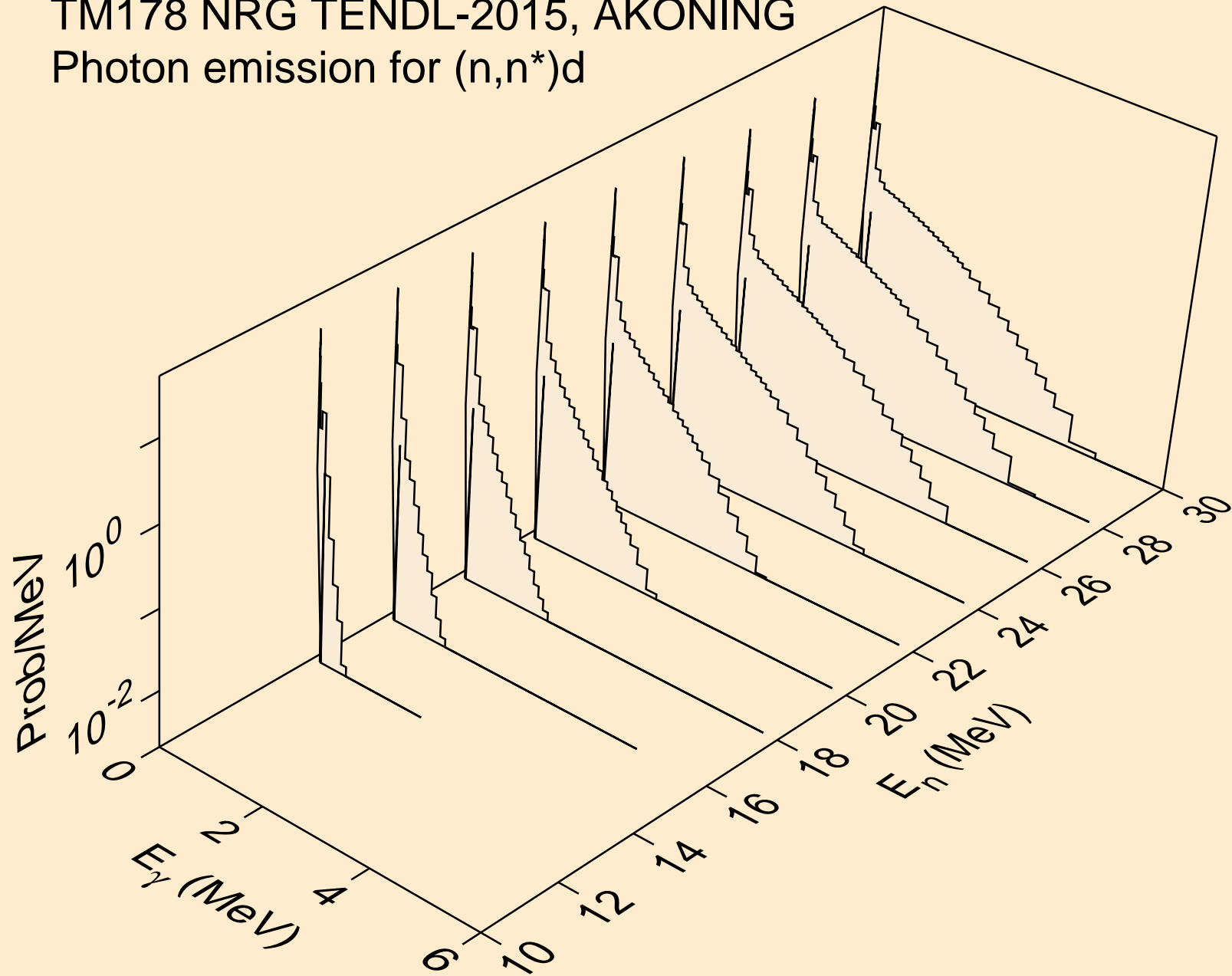




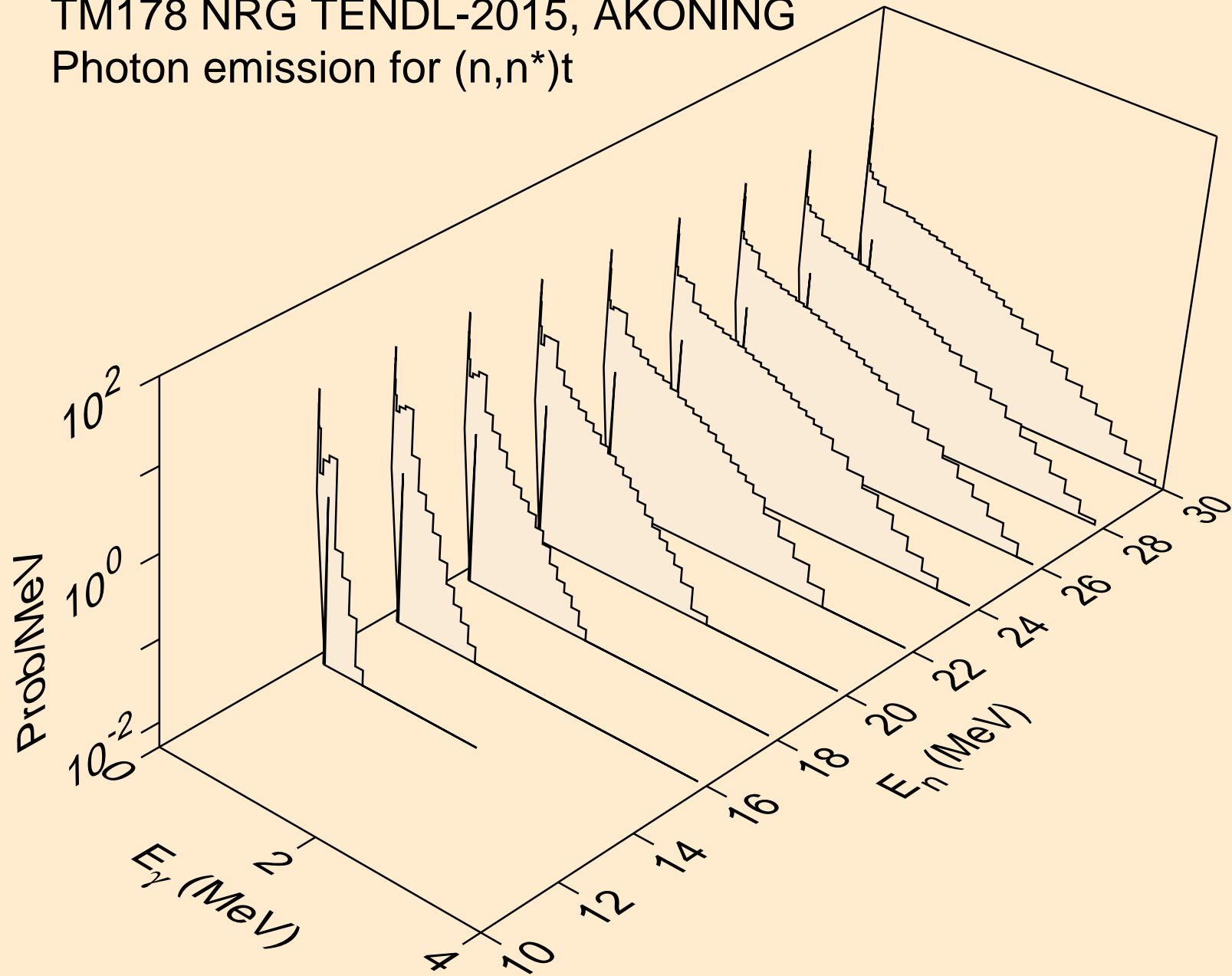
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



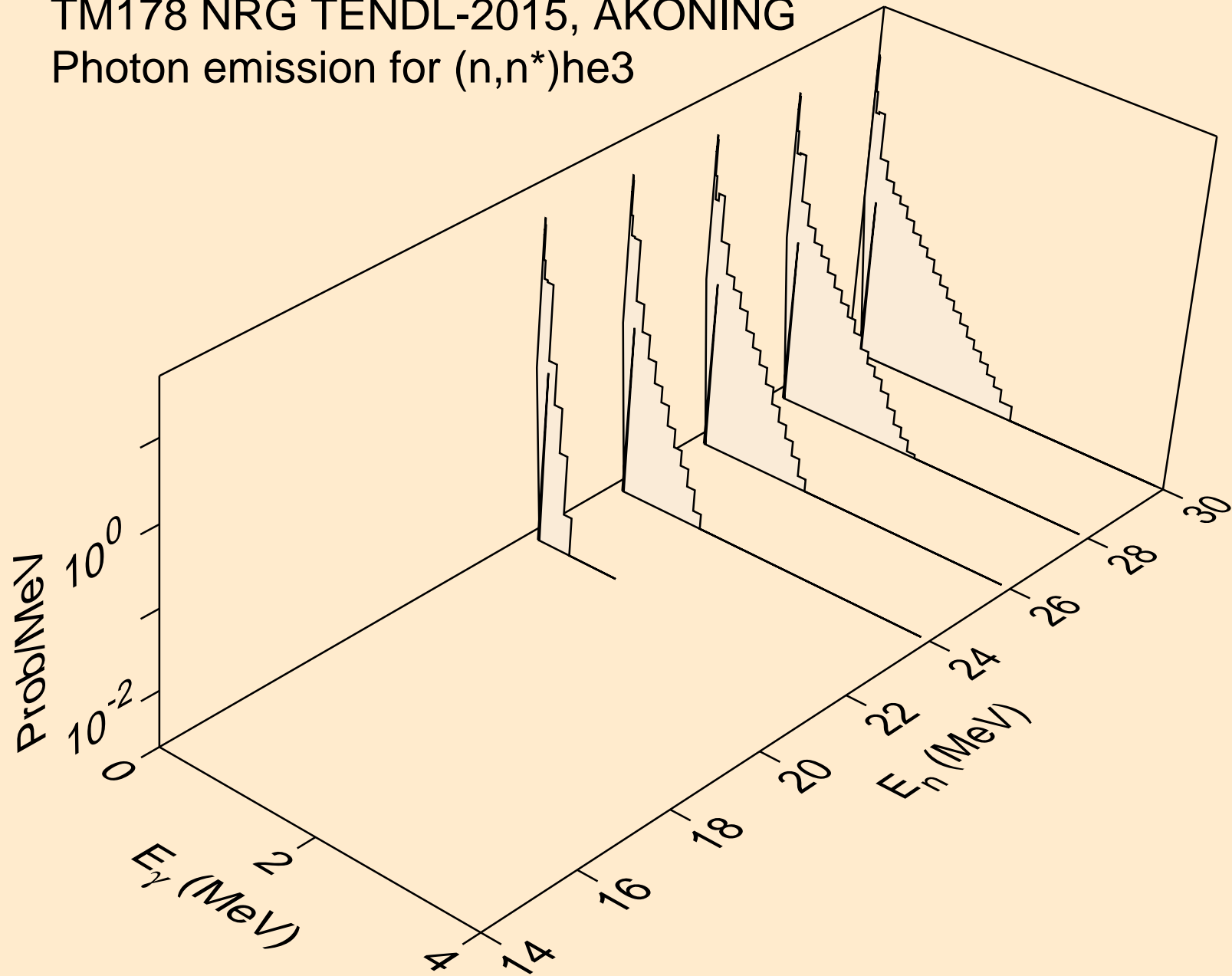
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



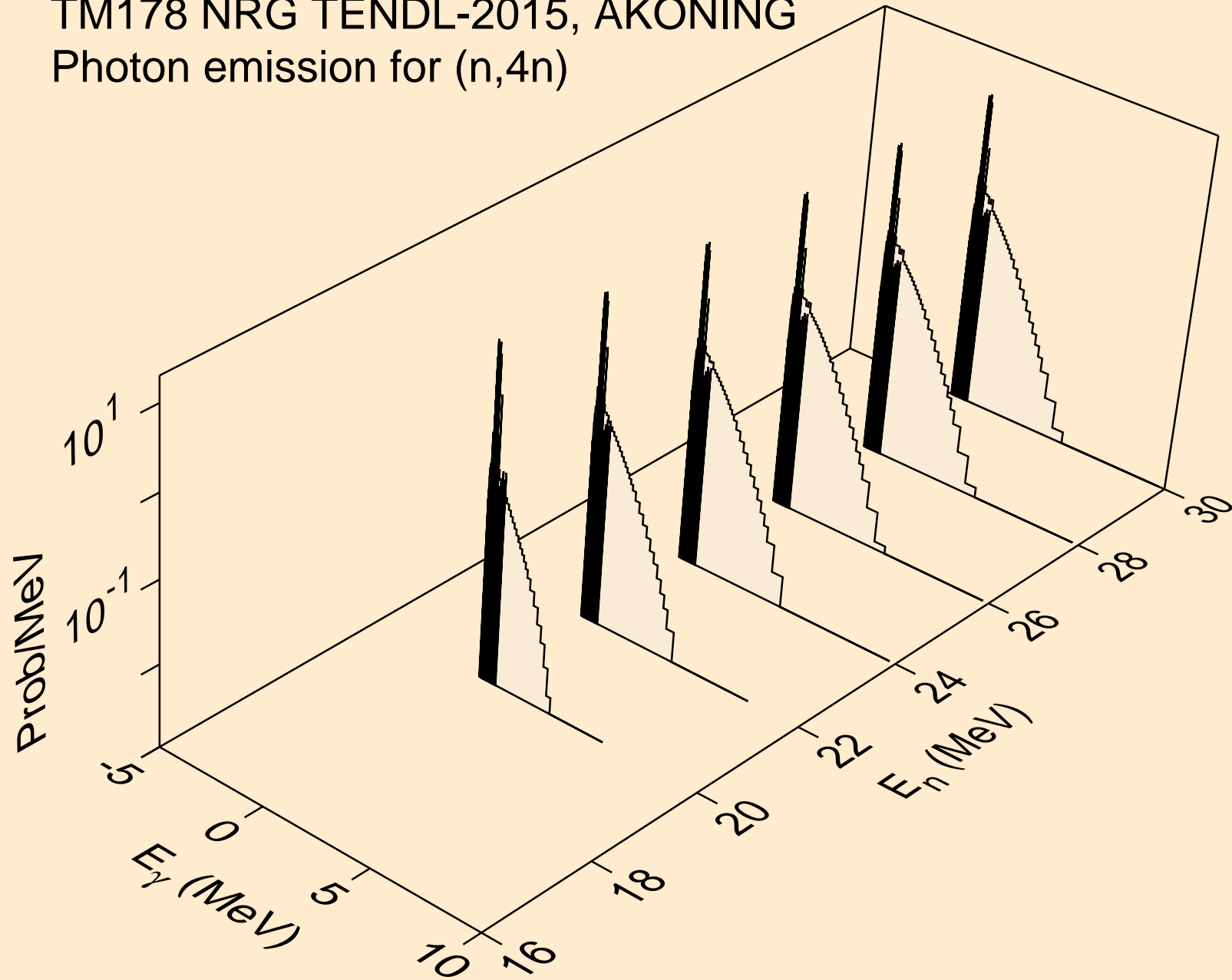
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



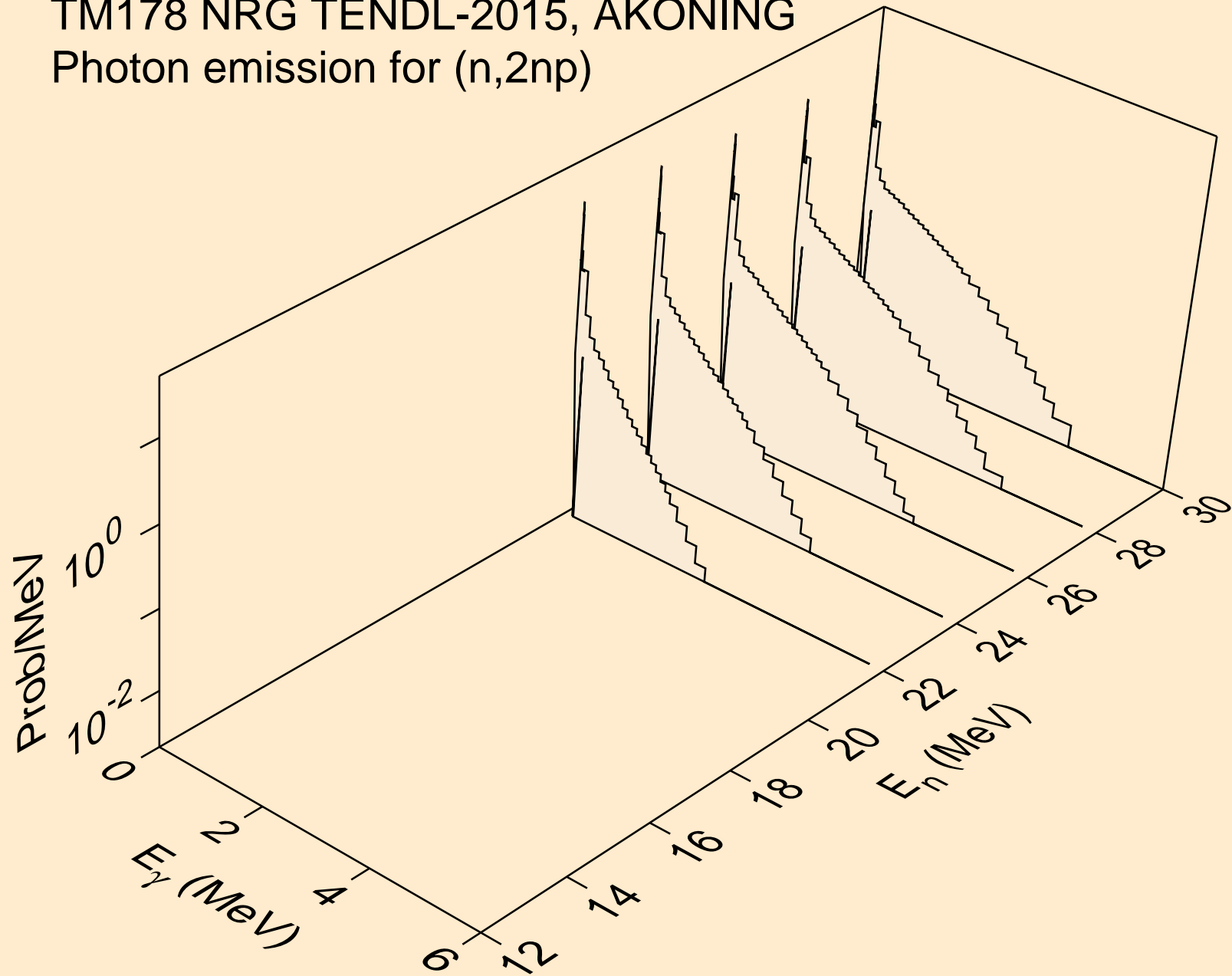
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



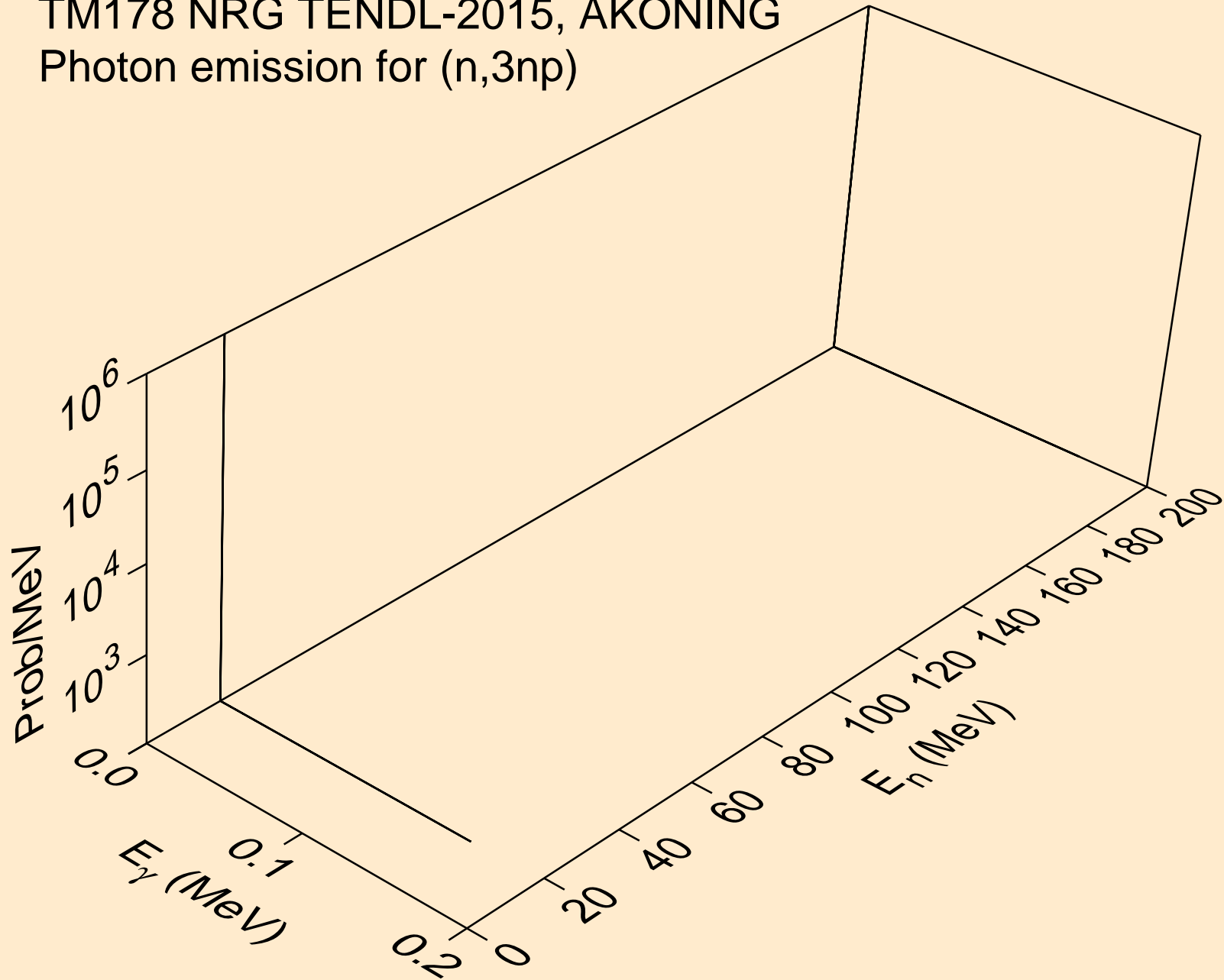
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



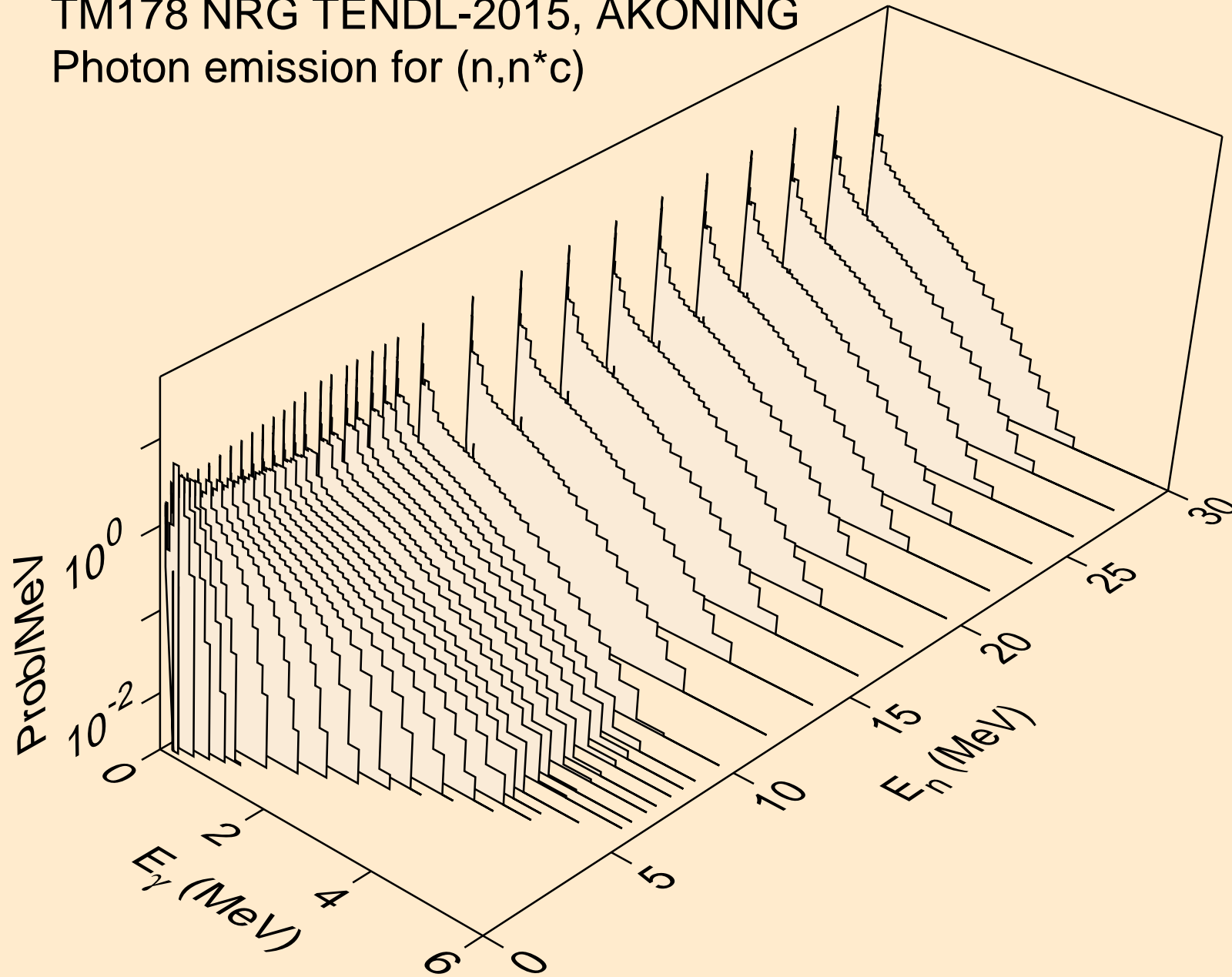
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

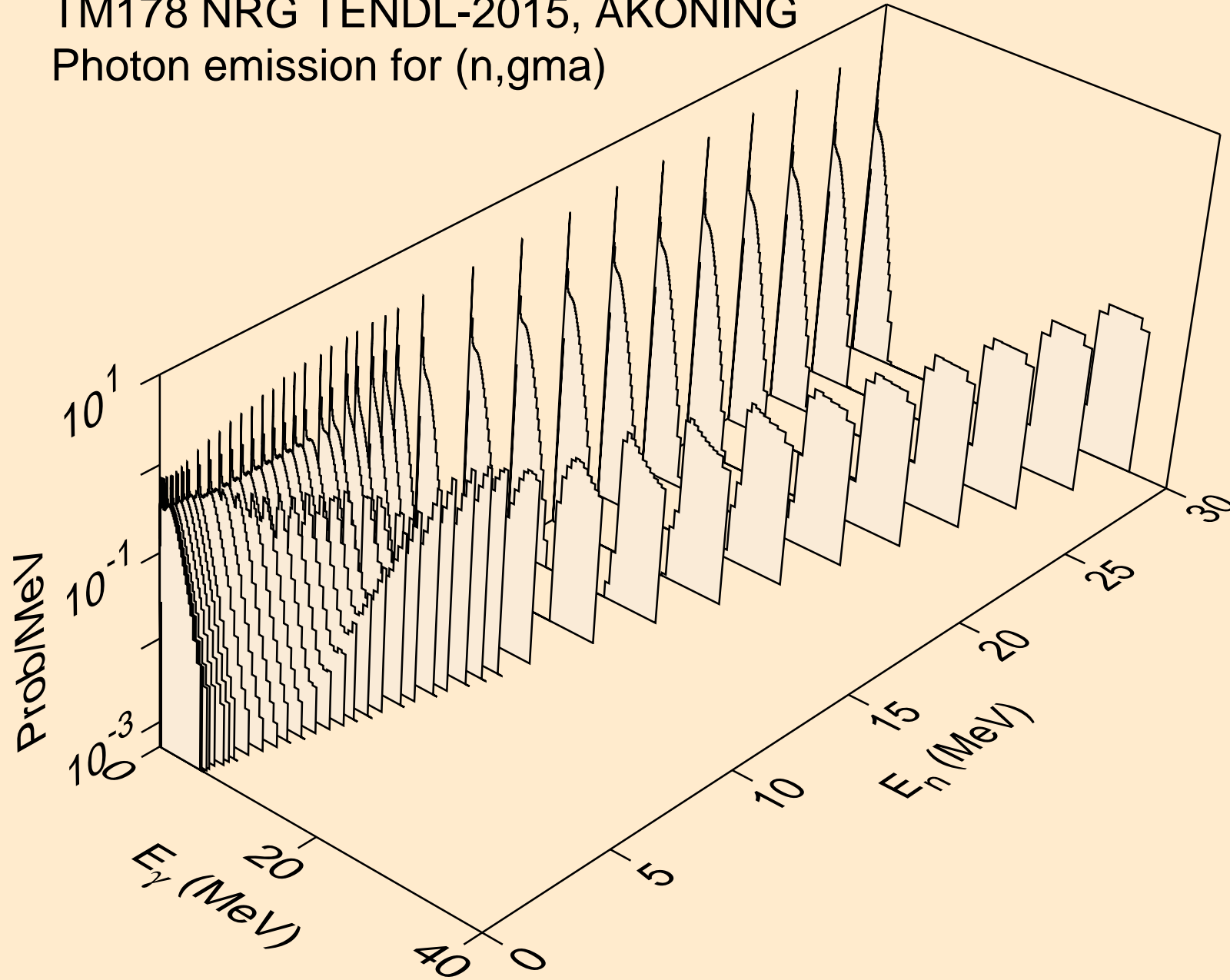


TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

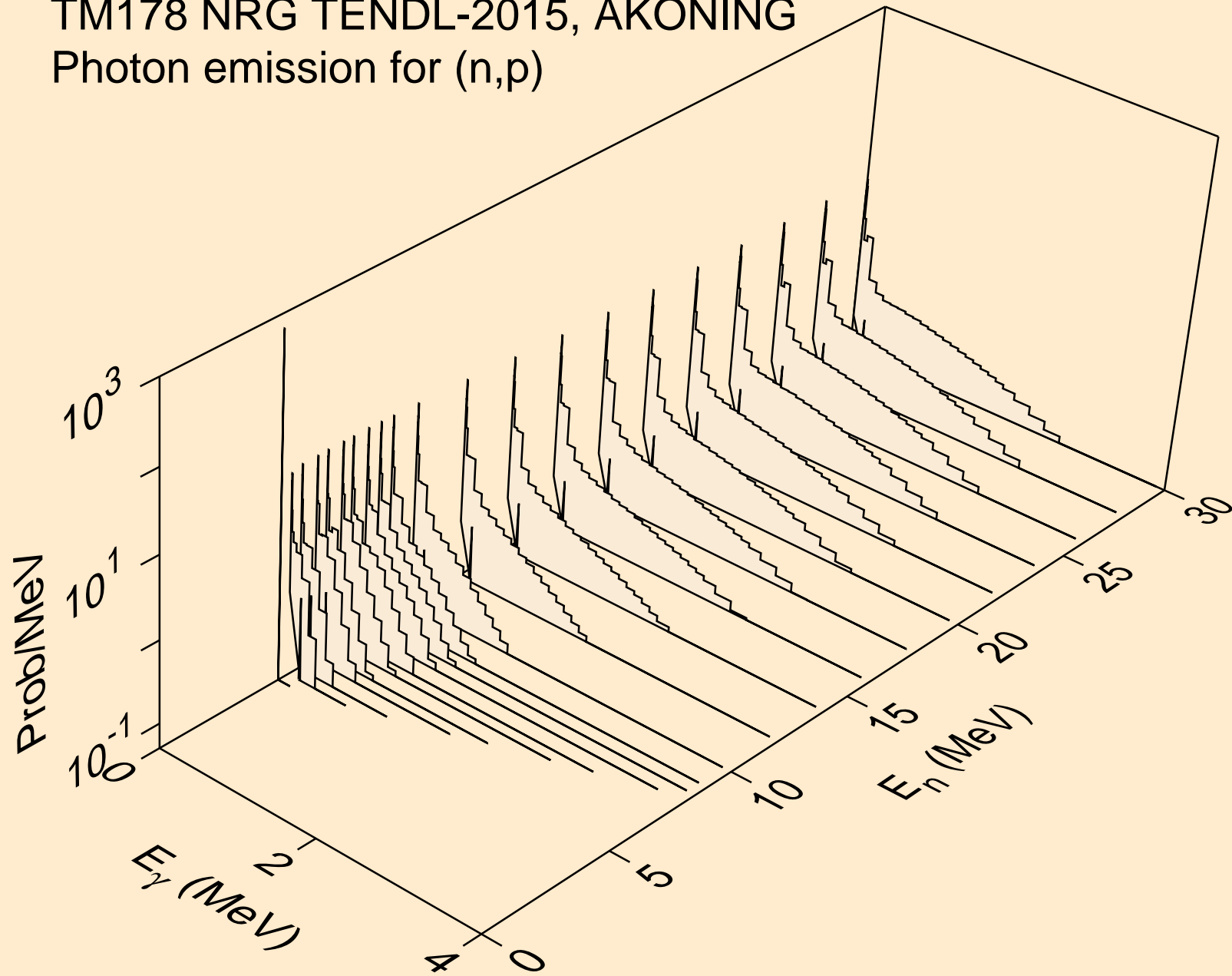




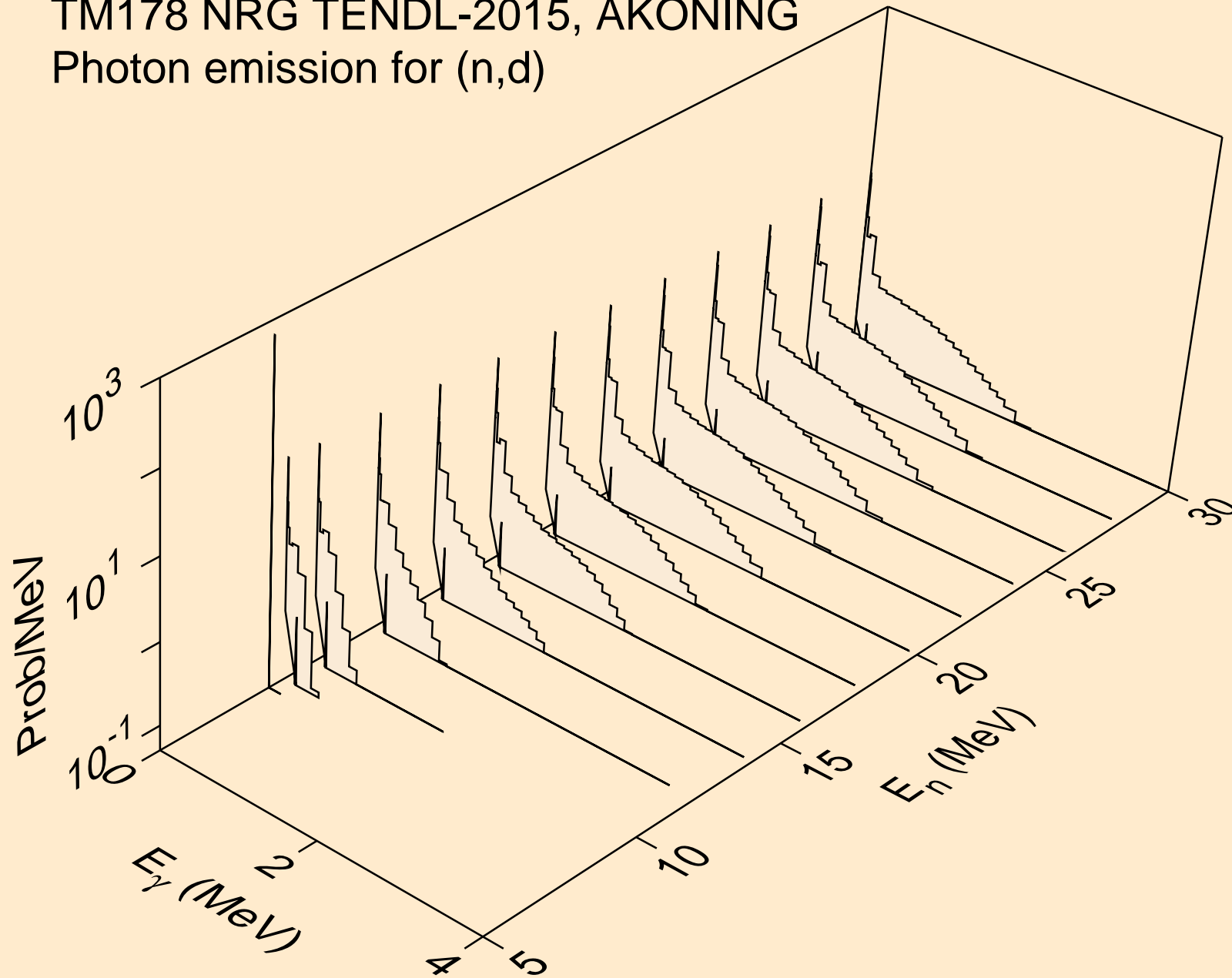
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



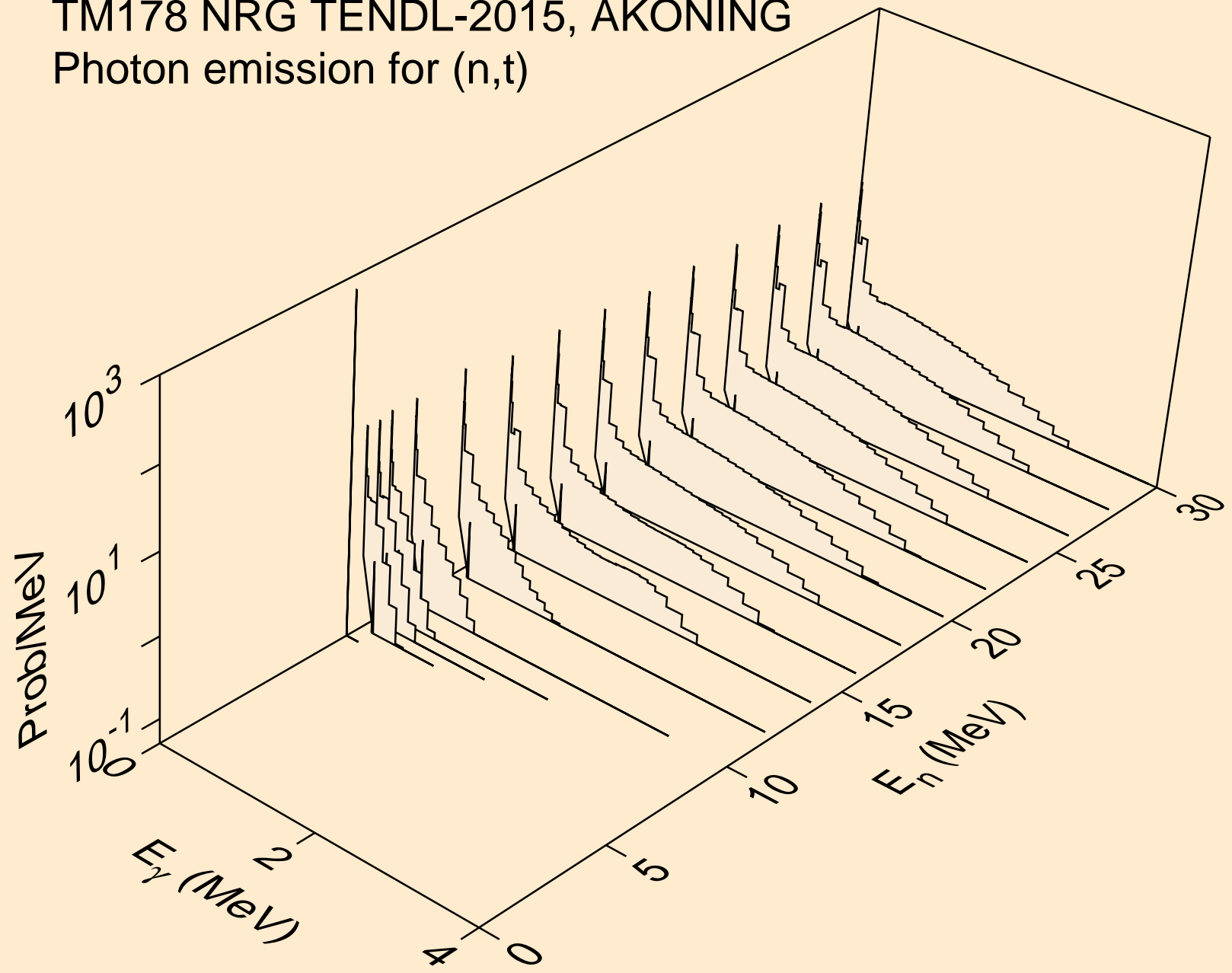
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



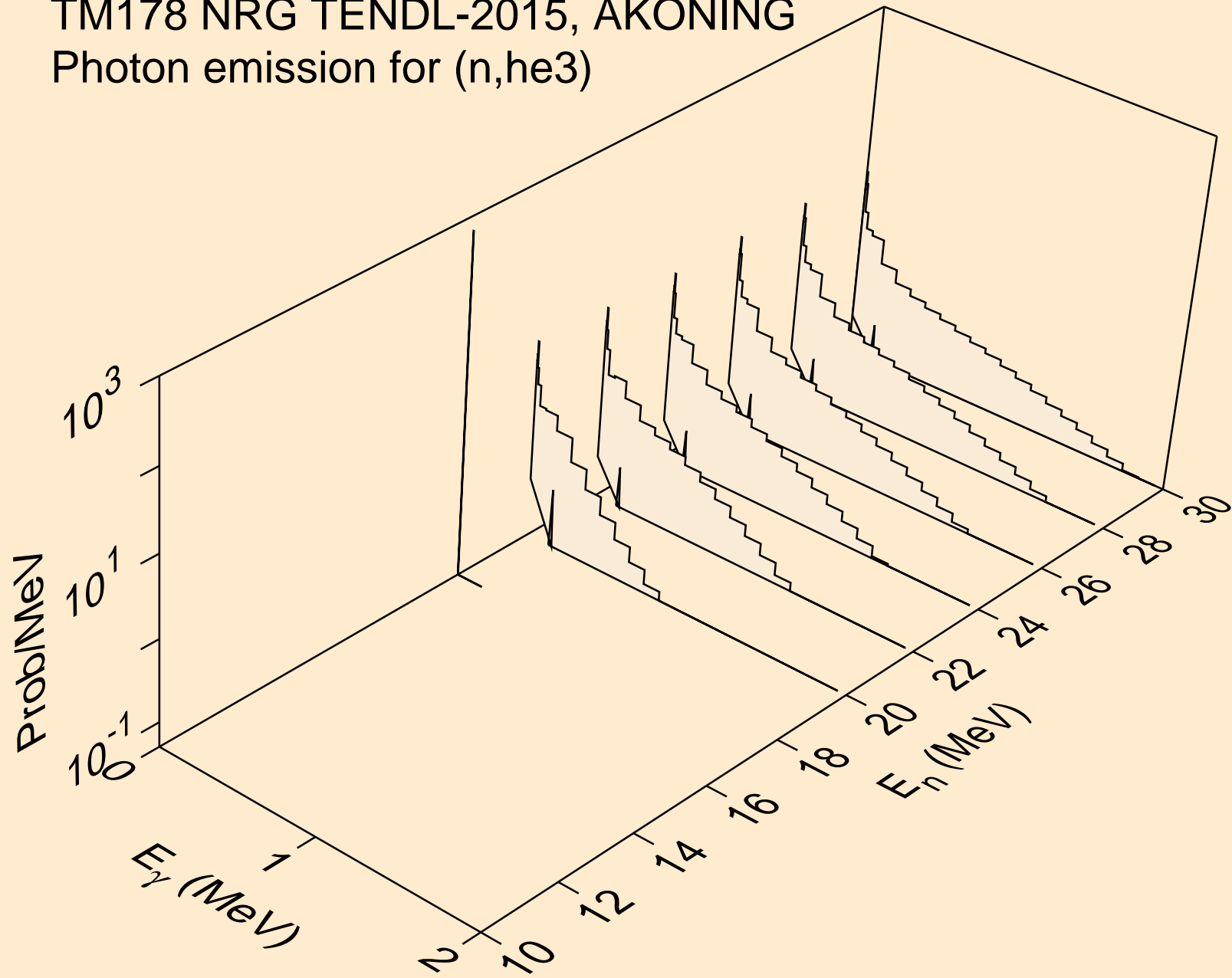
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



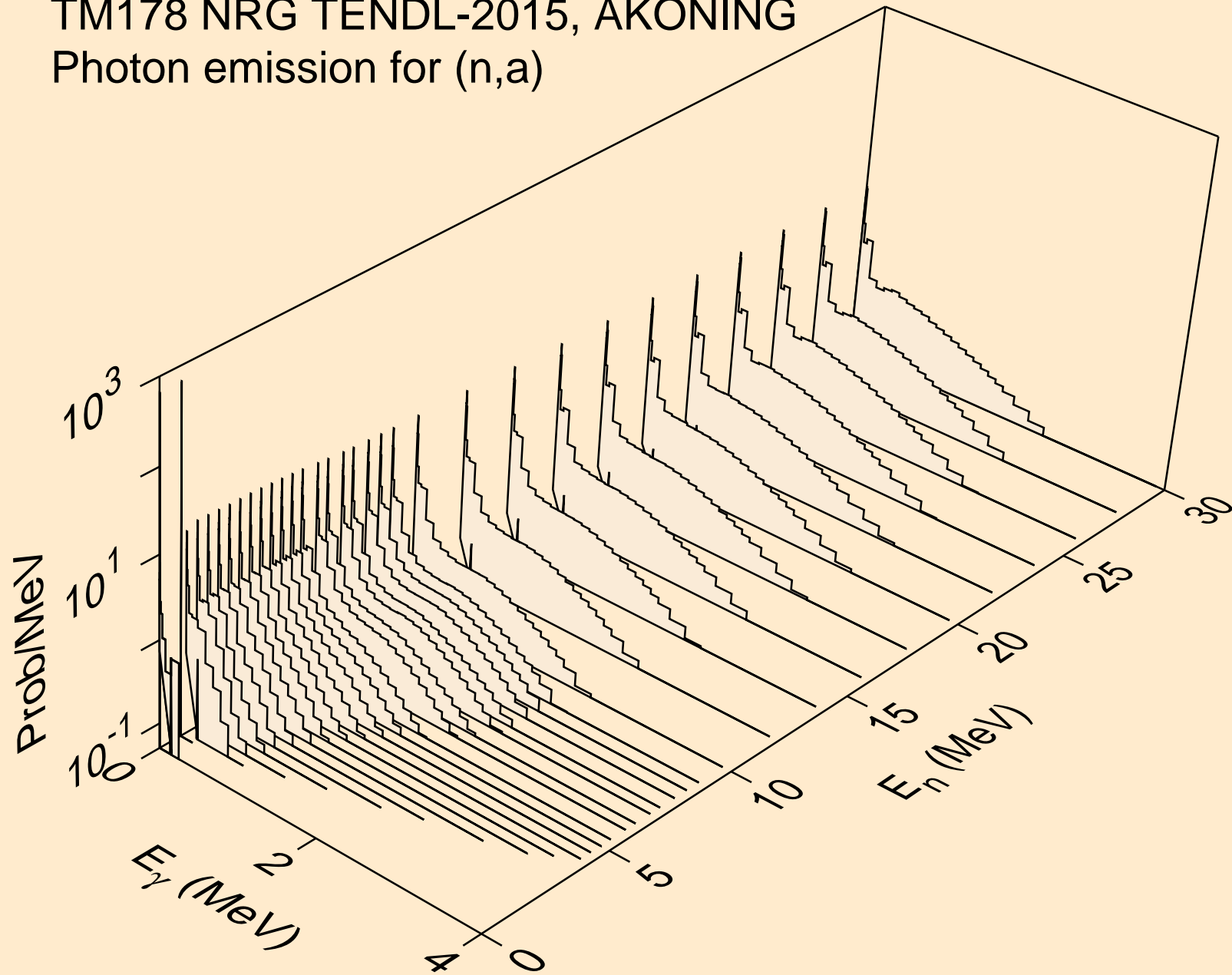
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



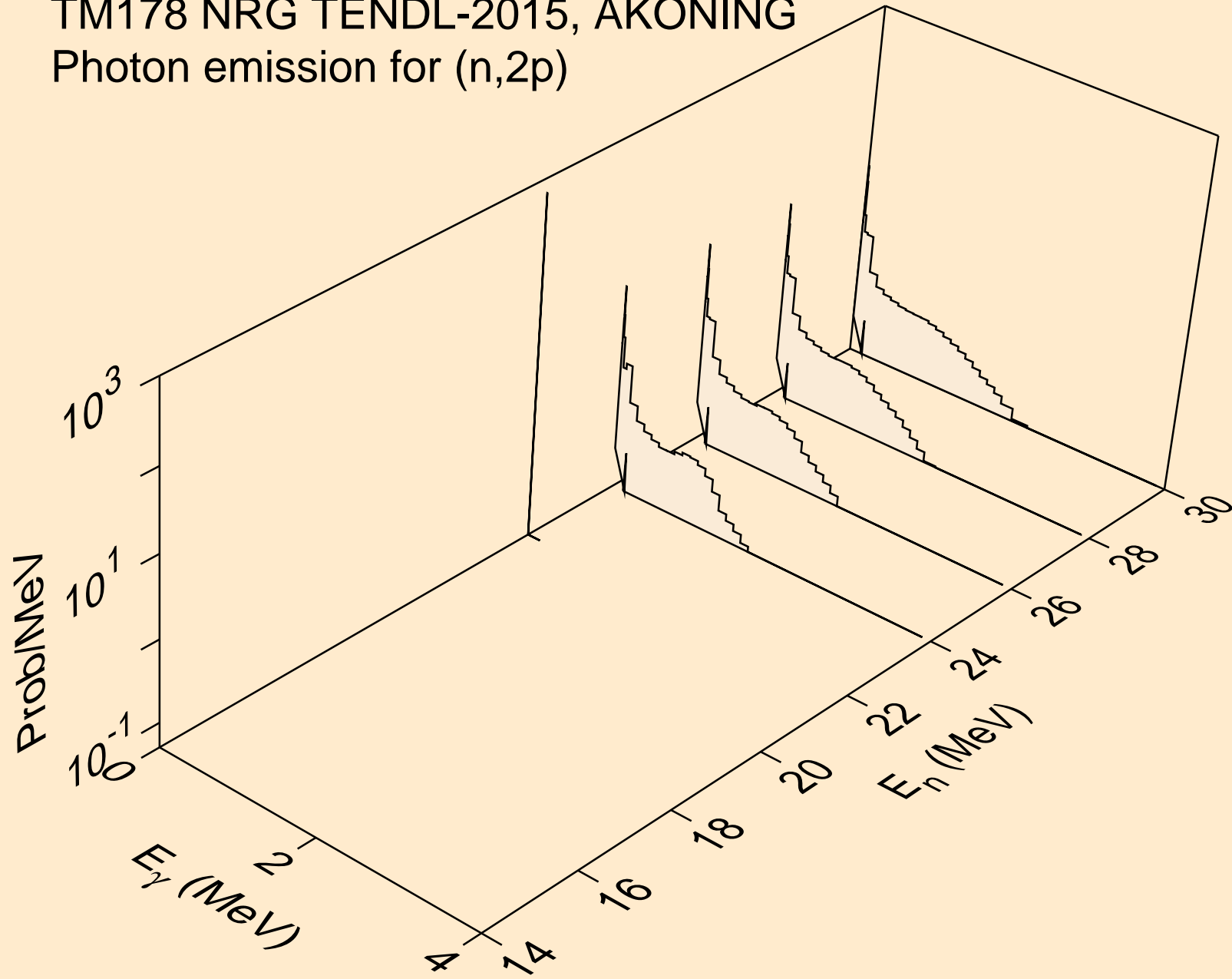
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



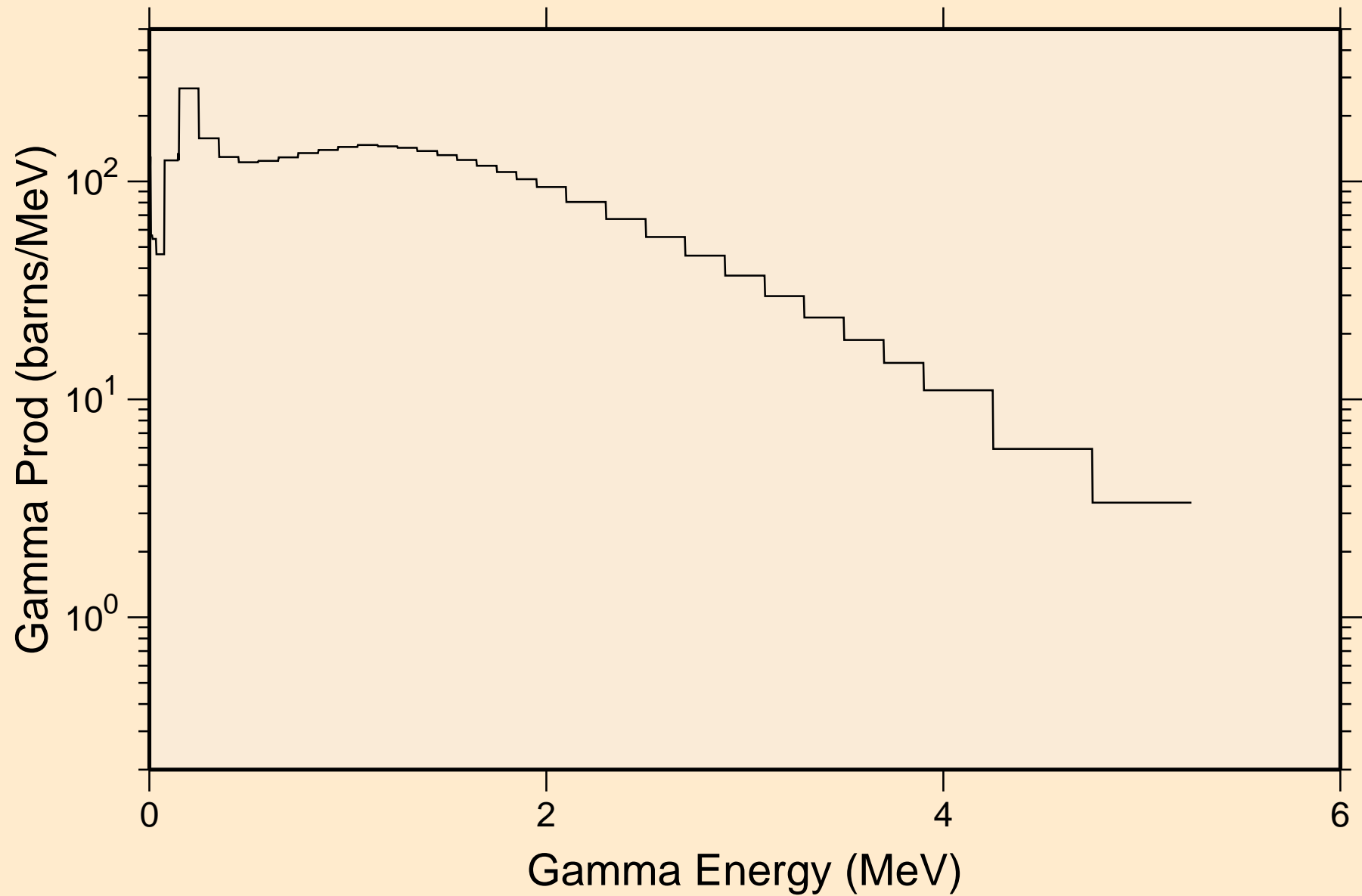
TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



TM178 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

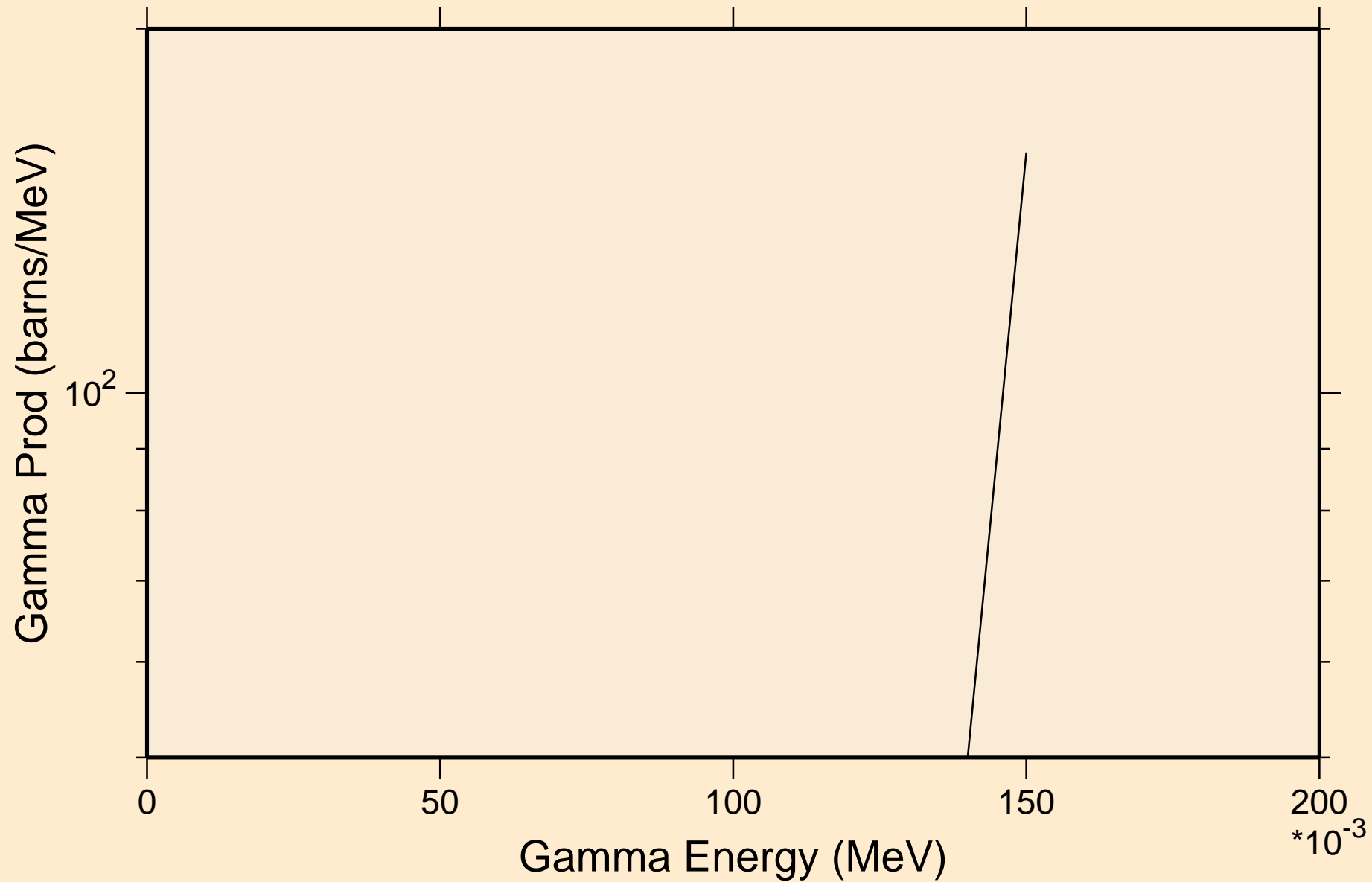


TM178 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



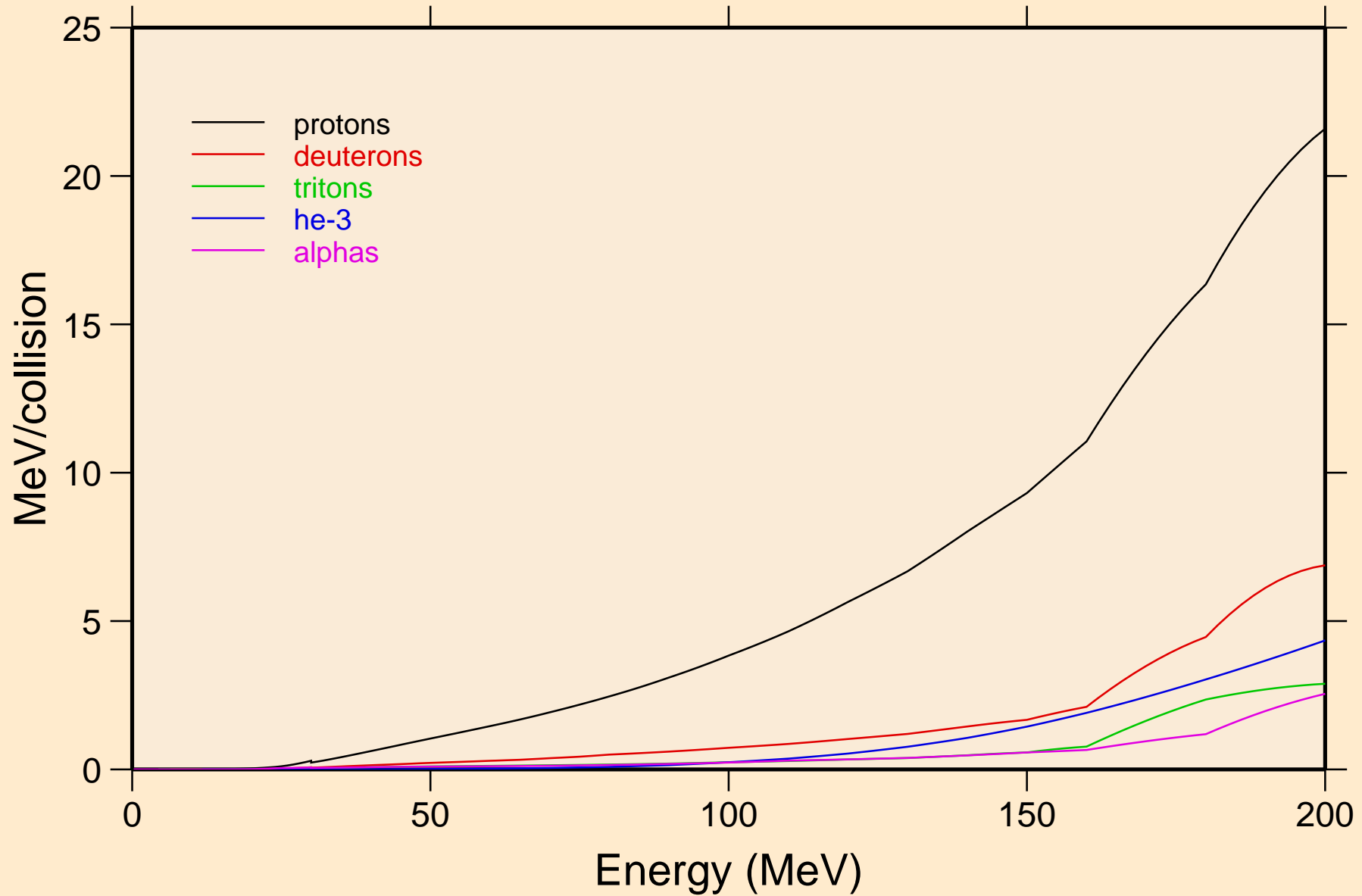


TM178 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



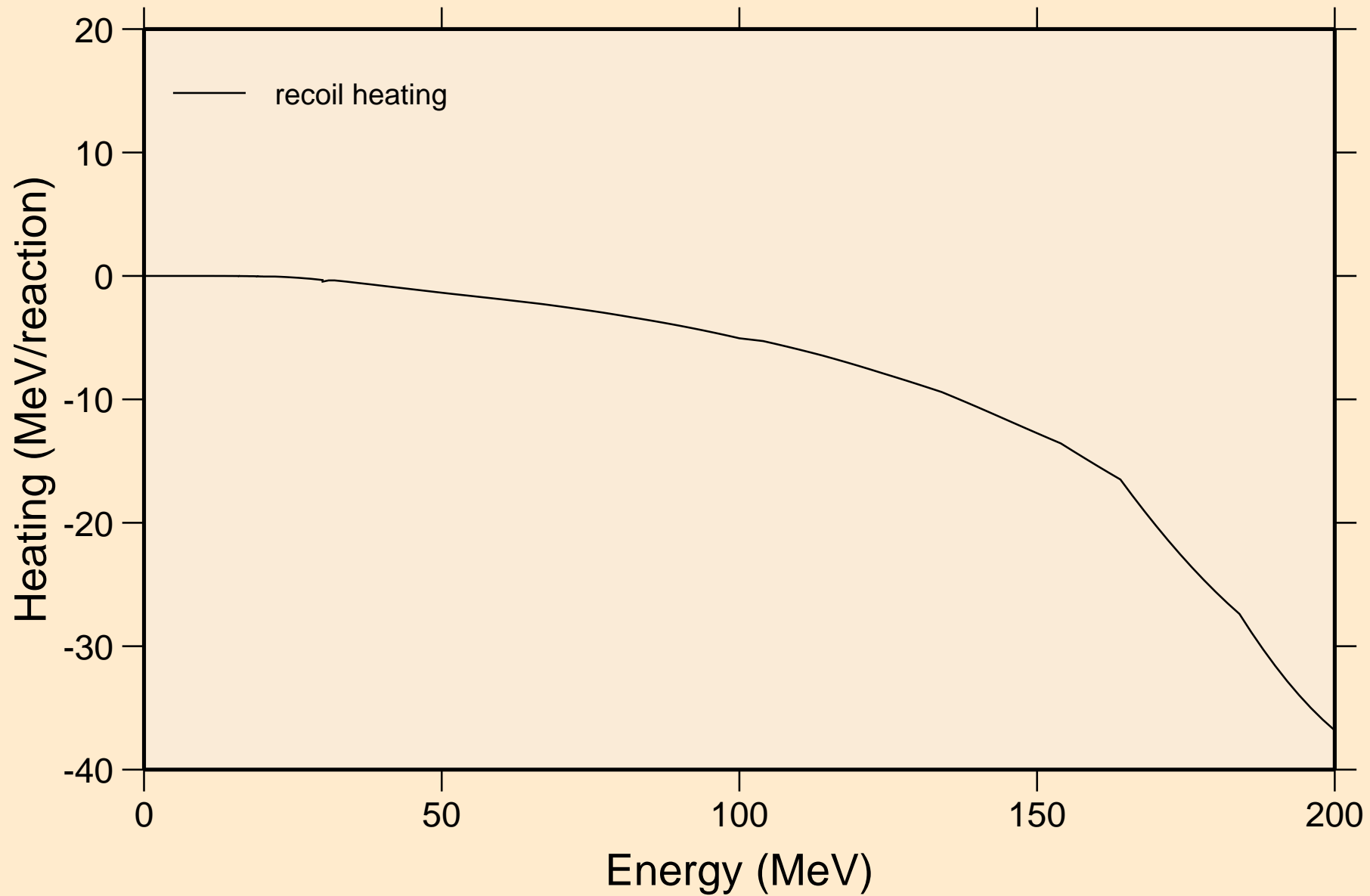
# TM178 NRG TENDL-2015, AKONING

## Particle heating contributions



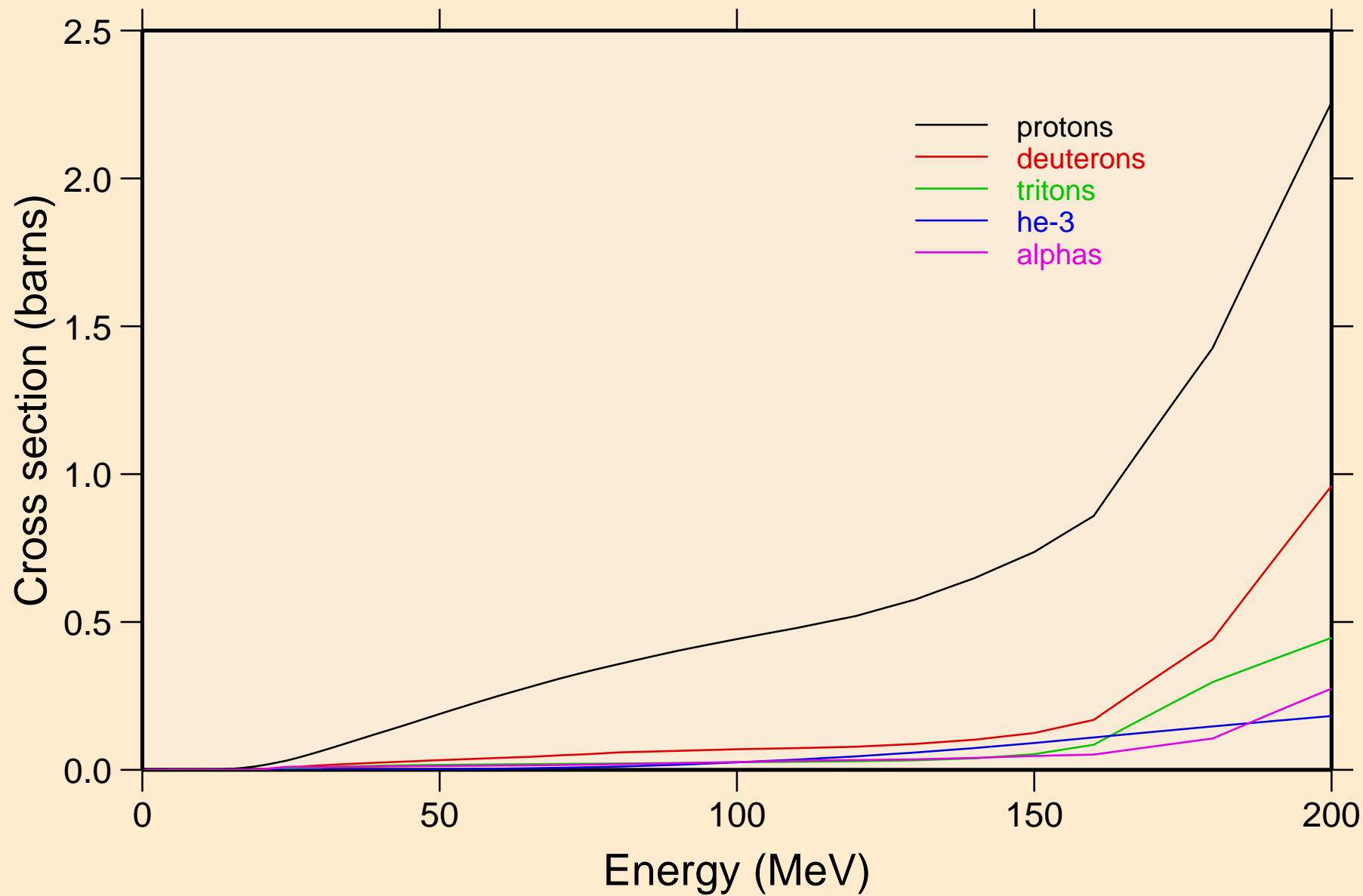
# TM178 NRG TENDL-2015, AKONING

## Recoil Heating

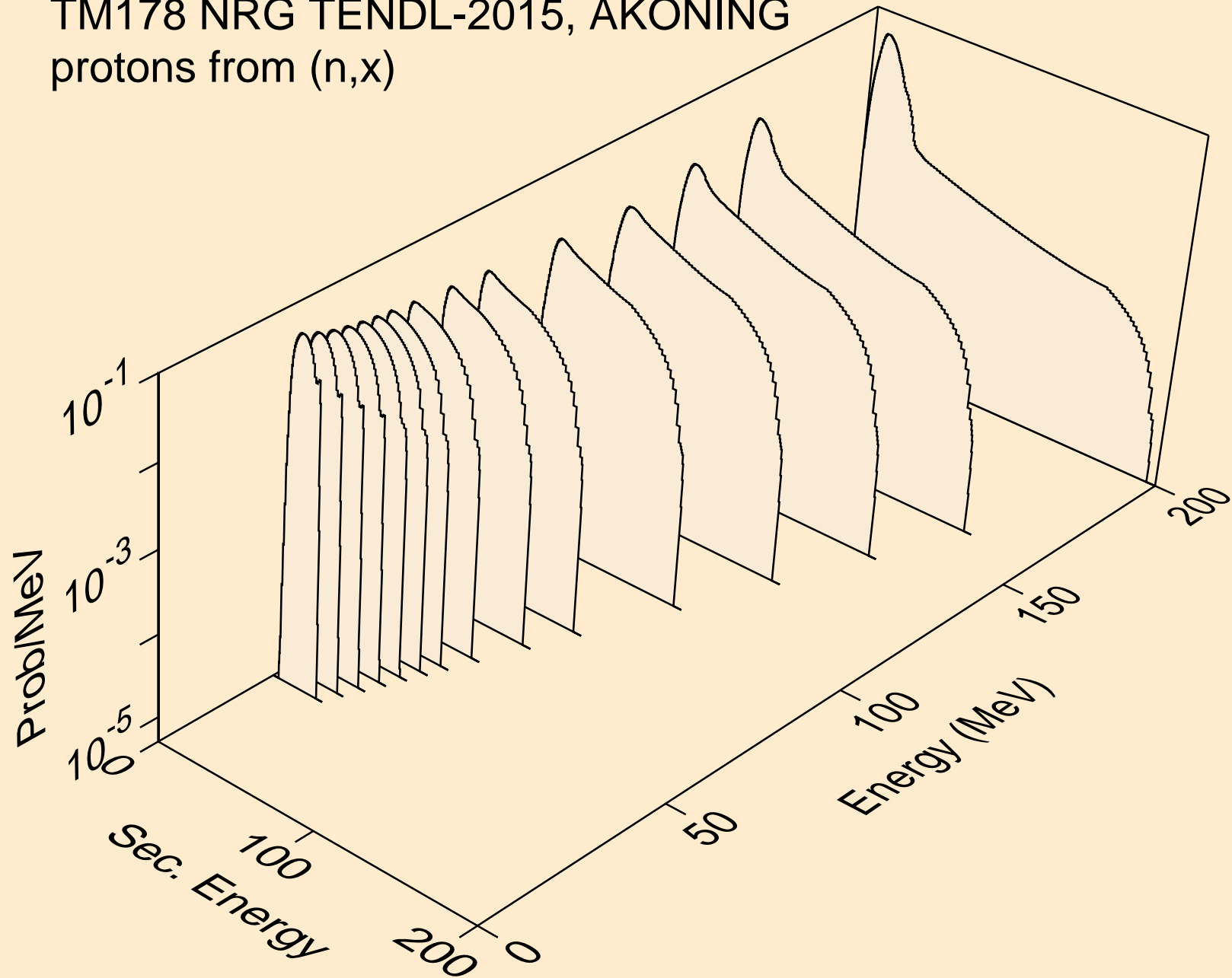


# TM178 NRG TENDL-2015, AKONING

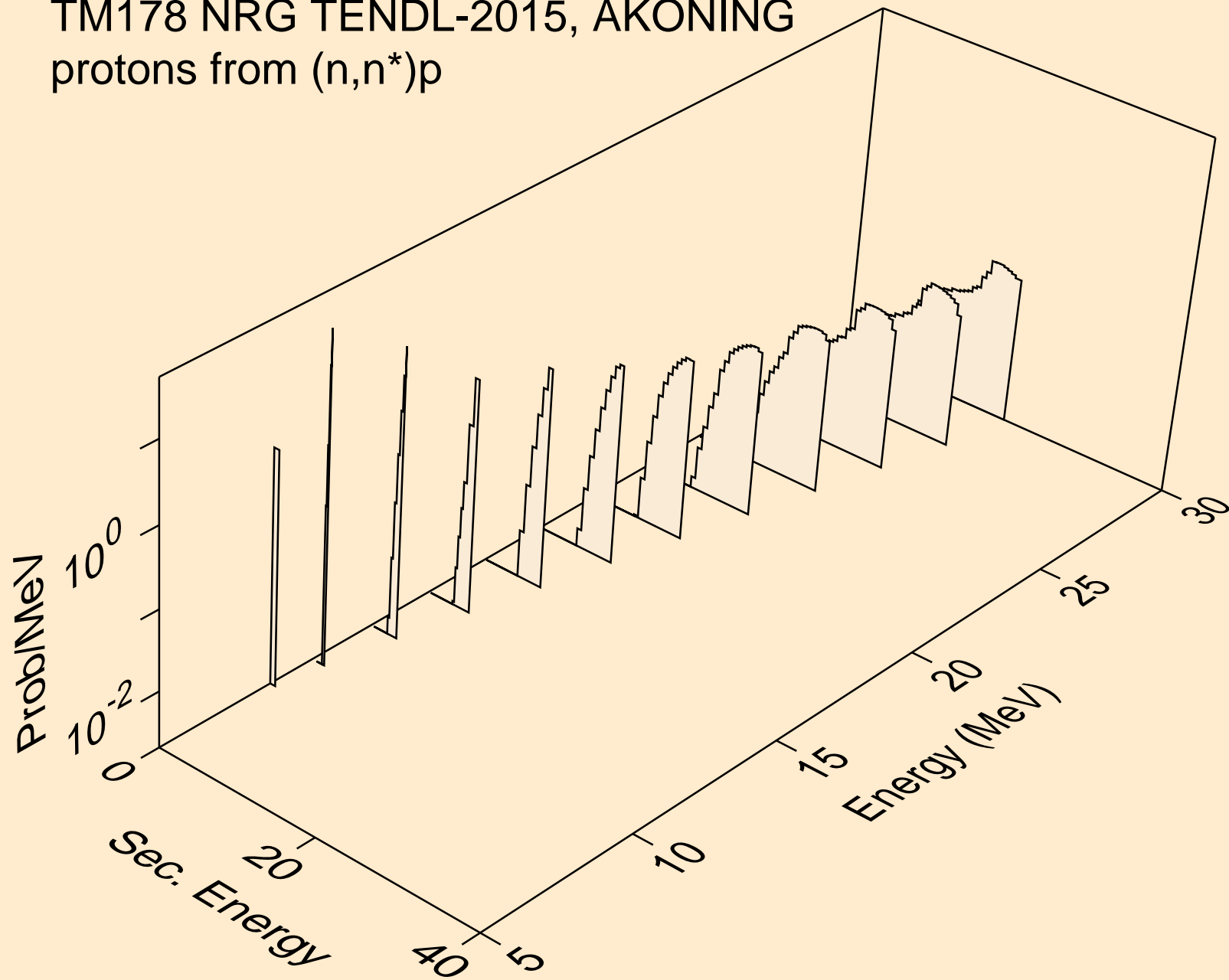
## Particle production cross sections



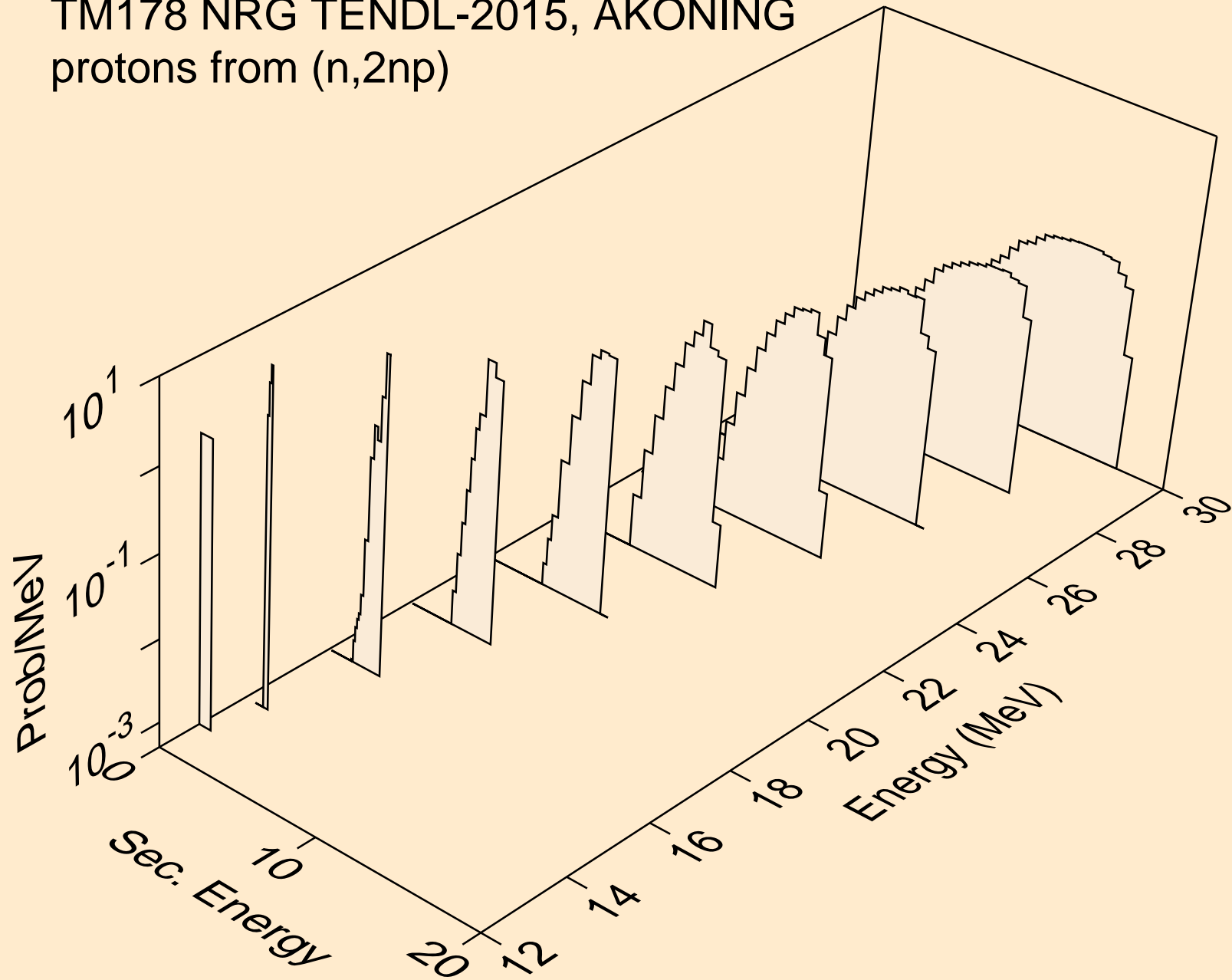
TM178 NRG TENDL-2015, AKONING  
protons from (n,x)



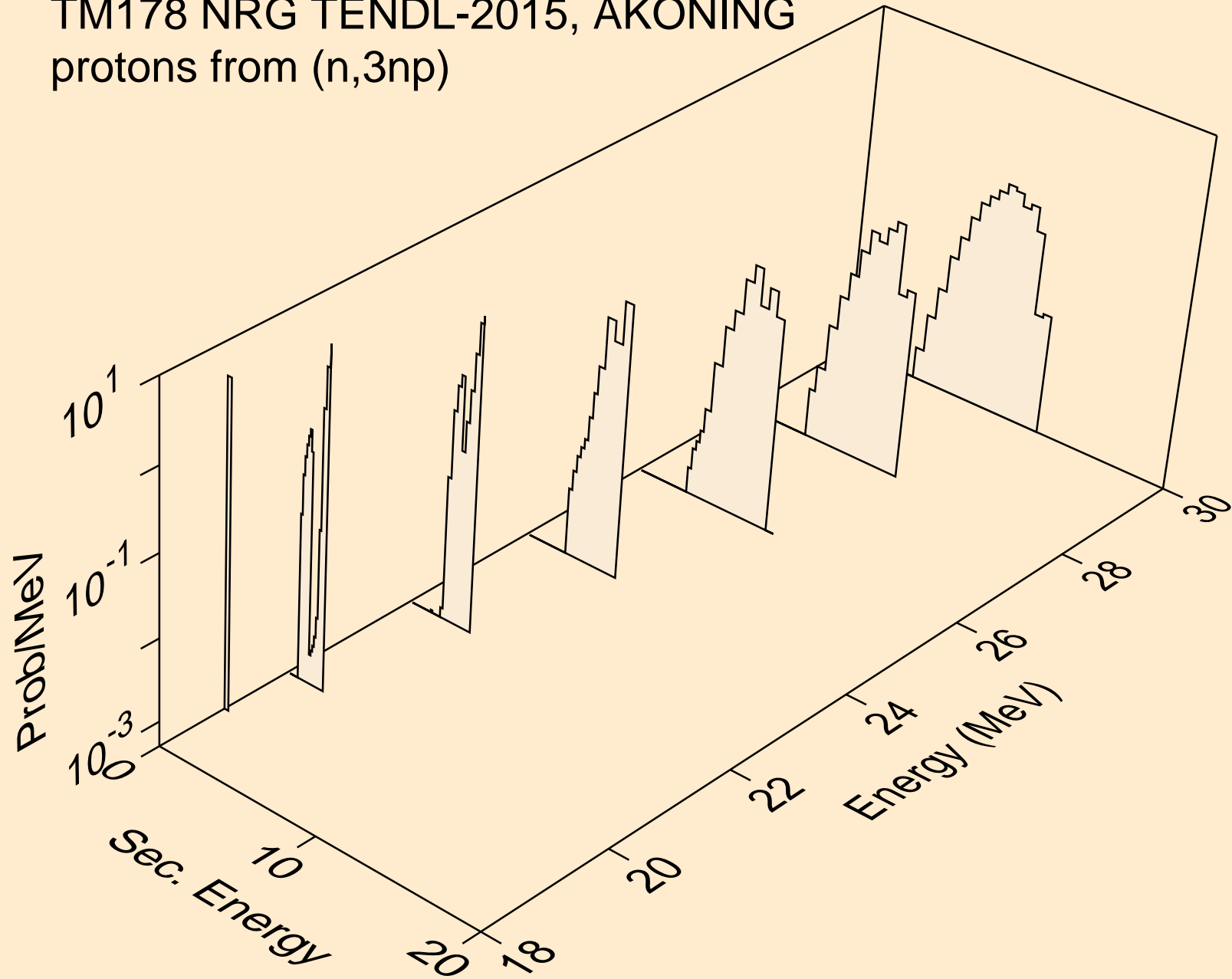
TM178 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



TM178 NRG TENDL-2015, AKONING  
protons from (n,2np)

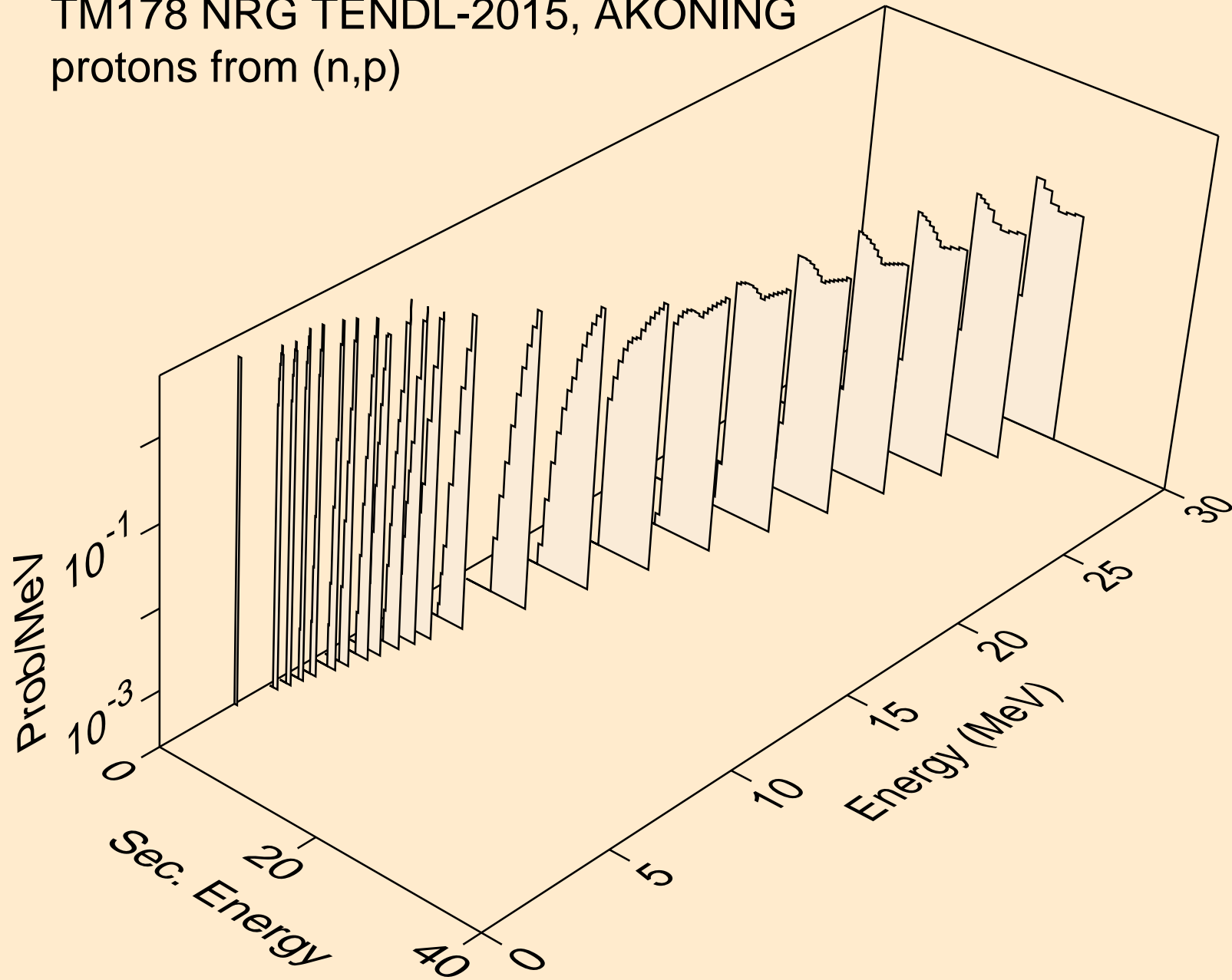


TM178 NRG TENDL-2015, AKONING  
protons from (n,3np)

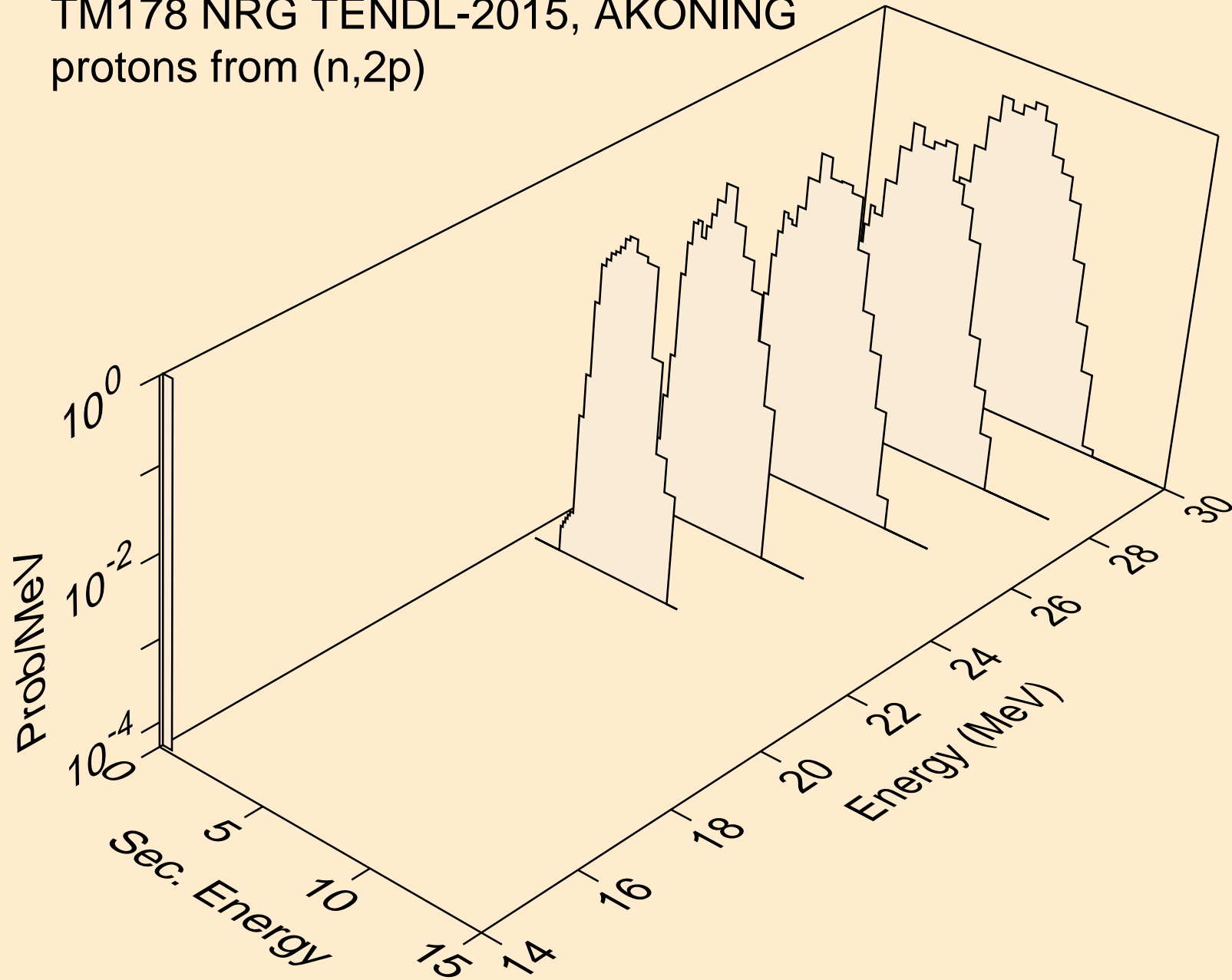




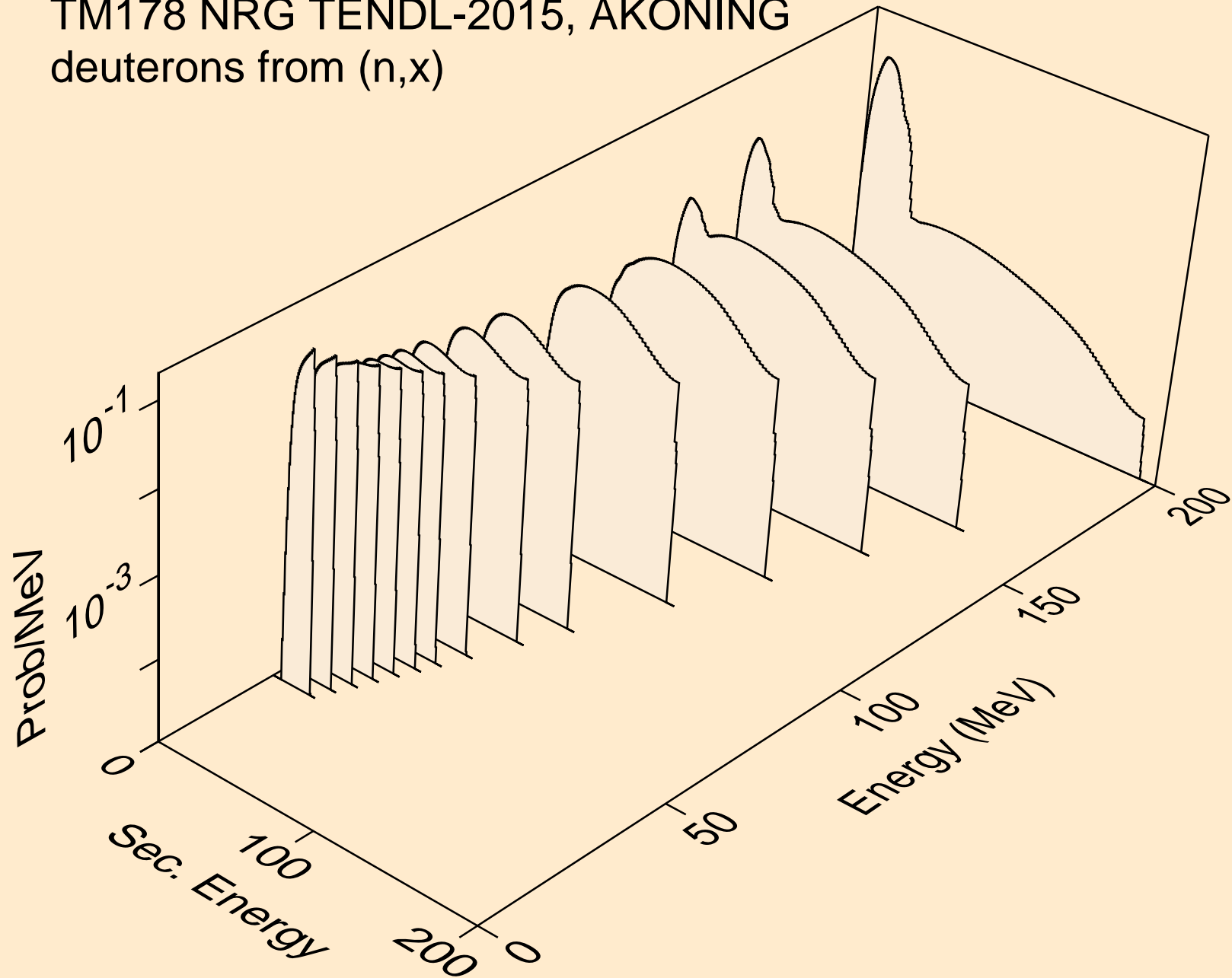
TM178 NRG TENDL-2015, AKONING  
protons from (n,p)



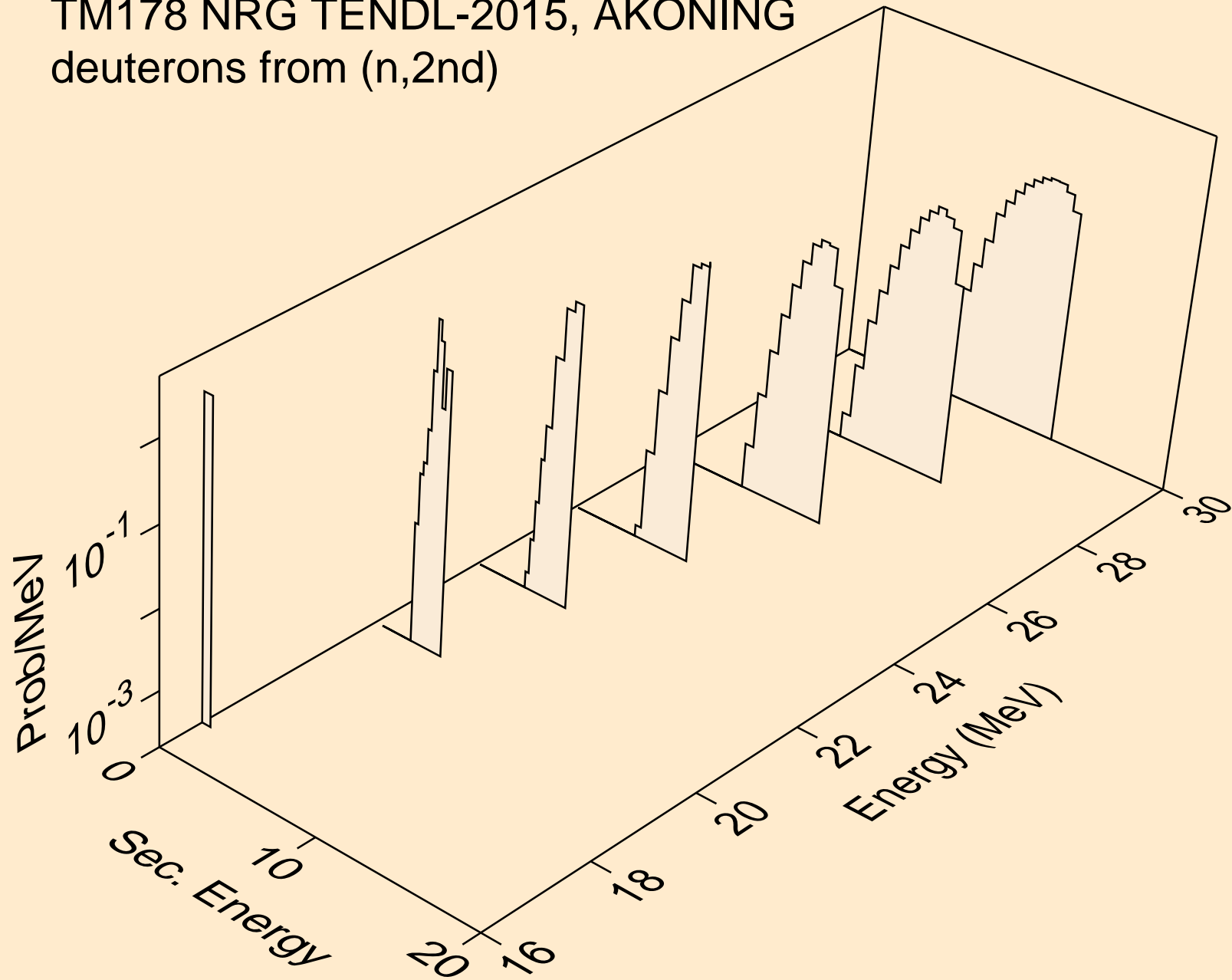
TM178 NRG TENDL-2015, AKONING  
protons from (n,2p)



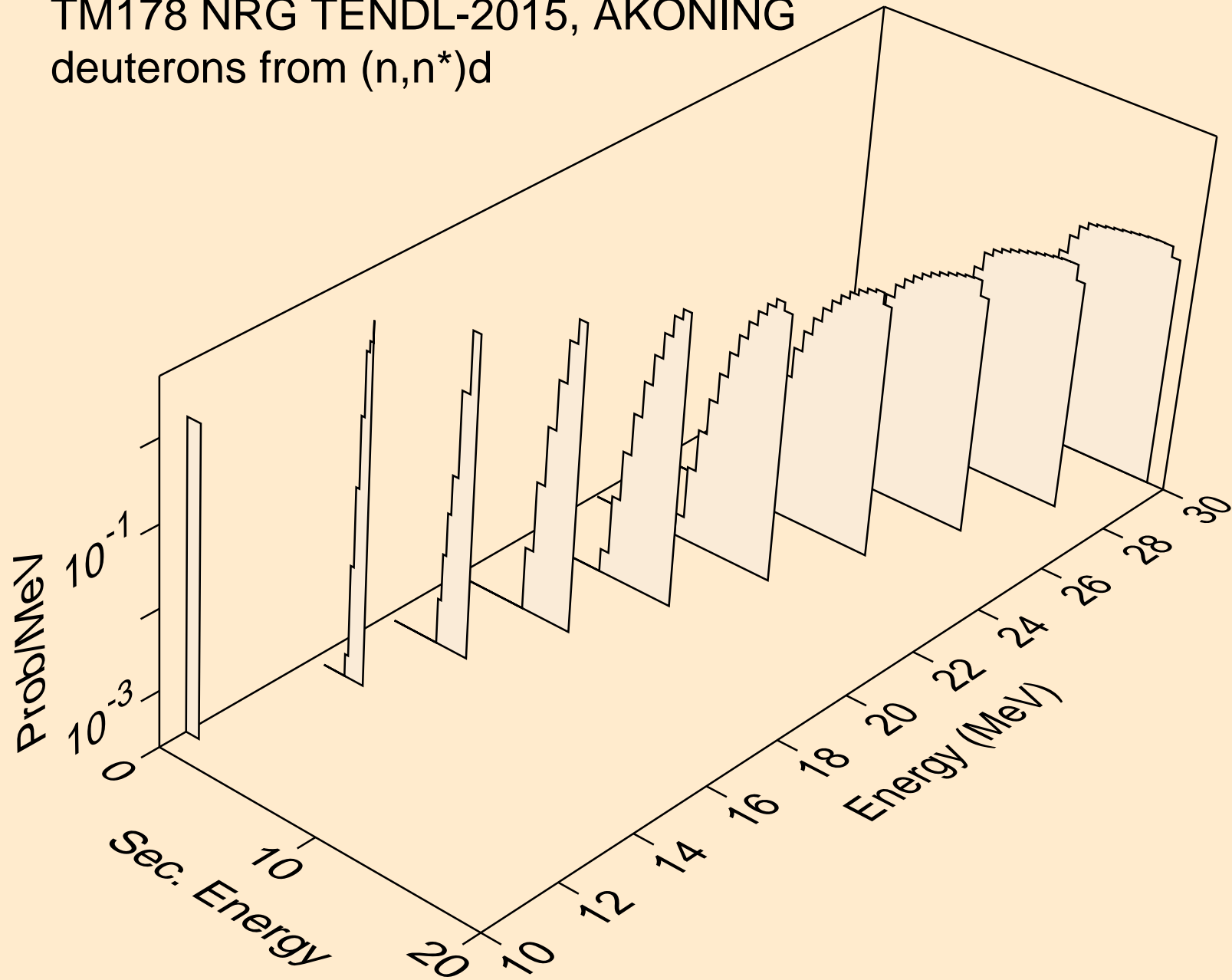
TM178 NRG TENDL-2015, AKONING  
deuterons from (n,x)



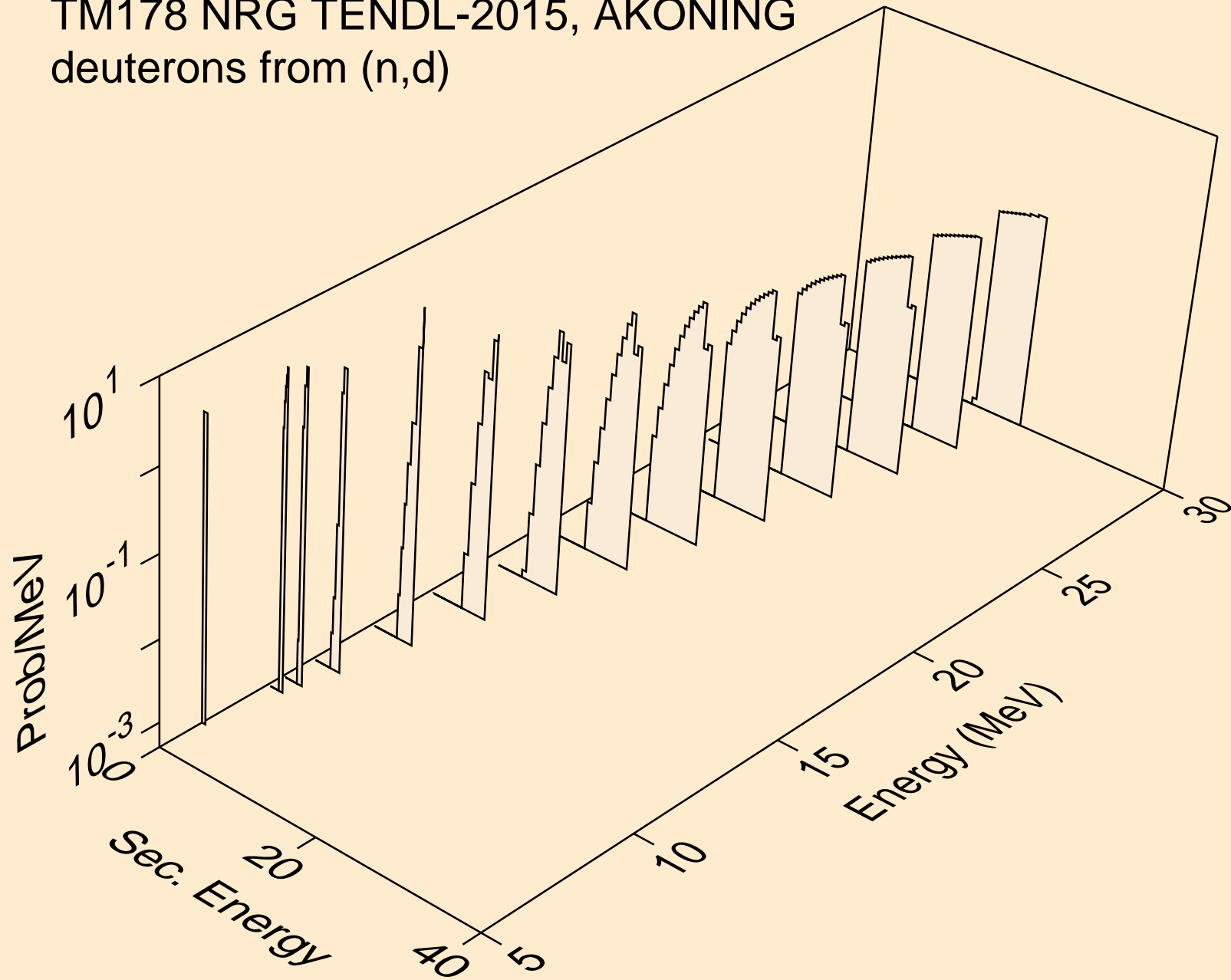
TM178 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



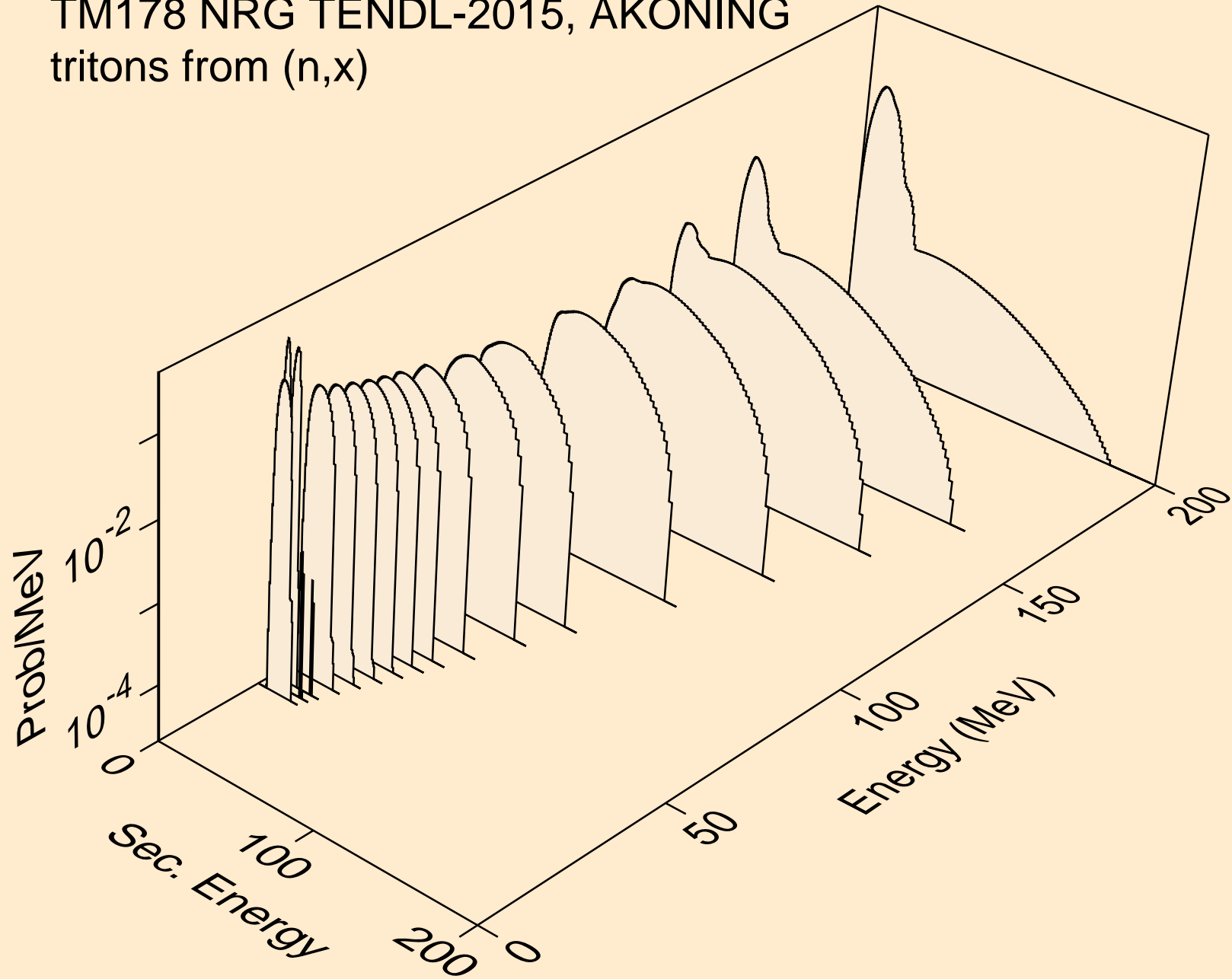
TM178 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



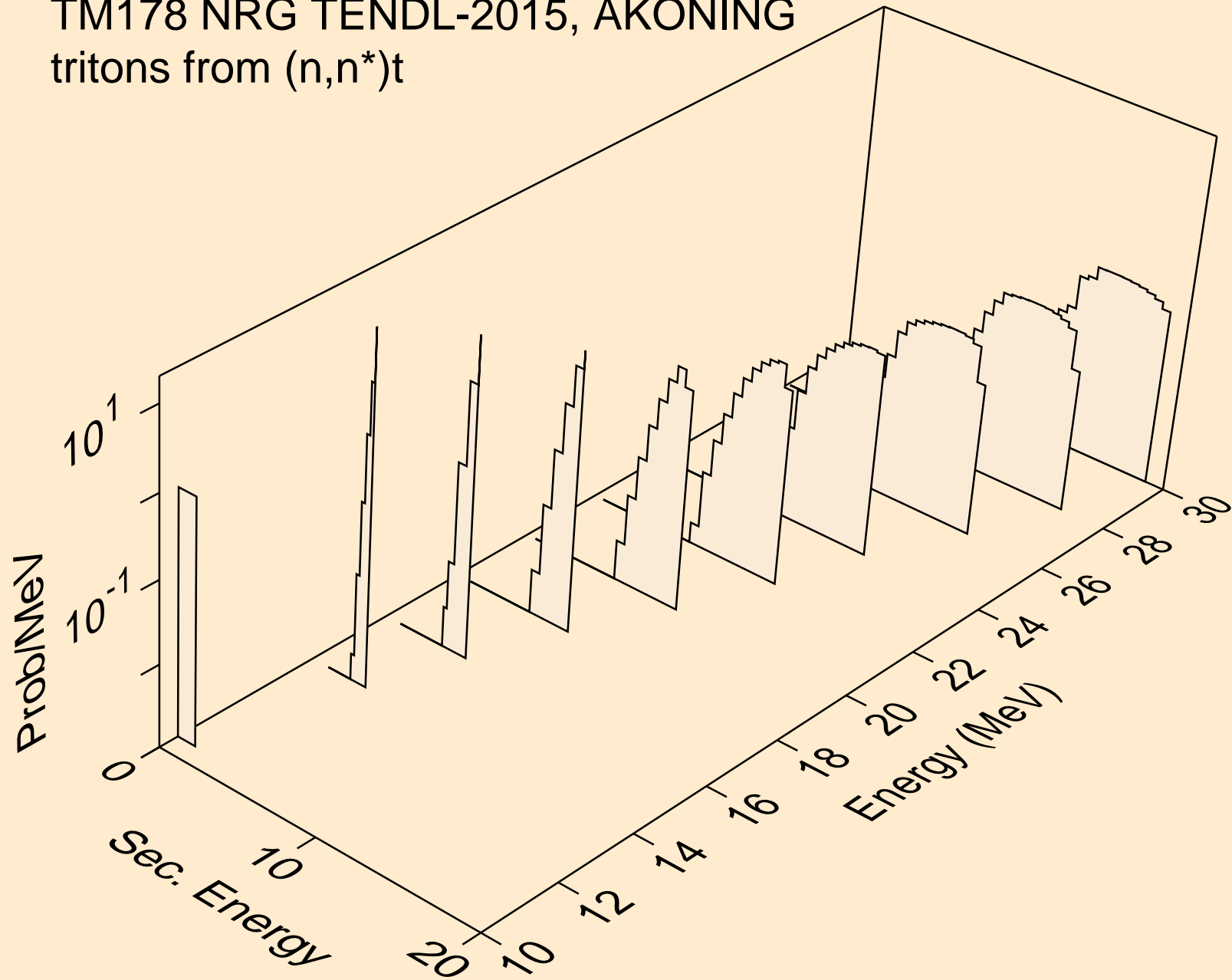
TM178 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TM178 NRG TENDL-2015, AKONING  
tritons from (n,x)

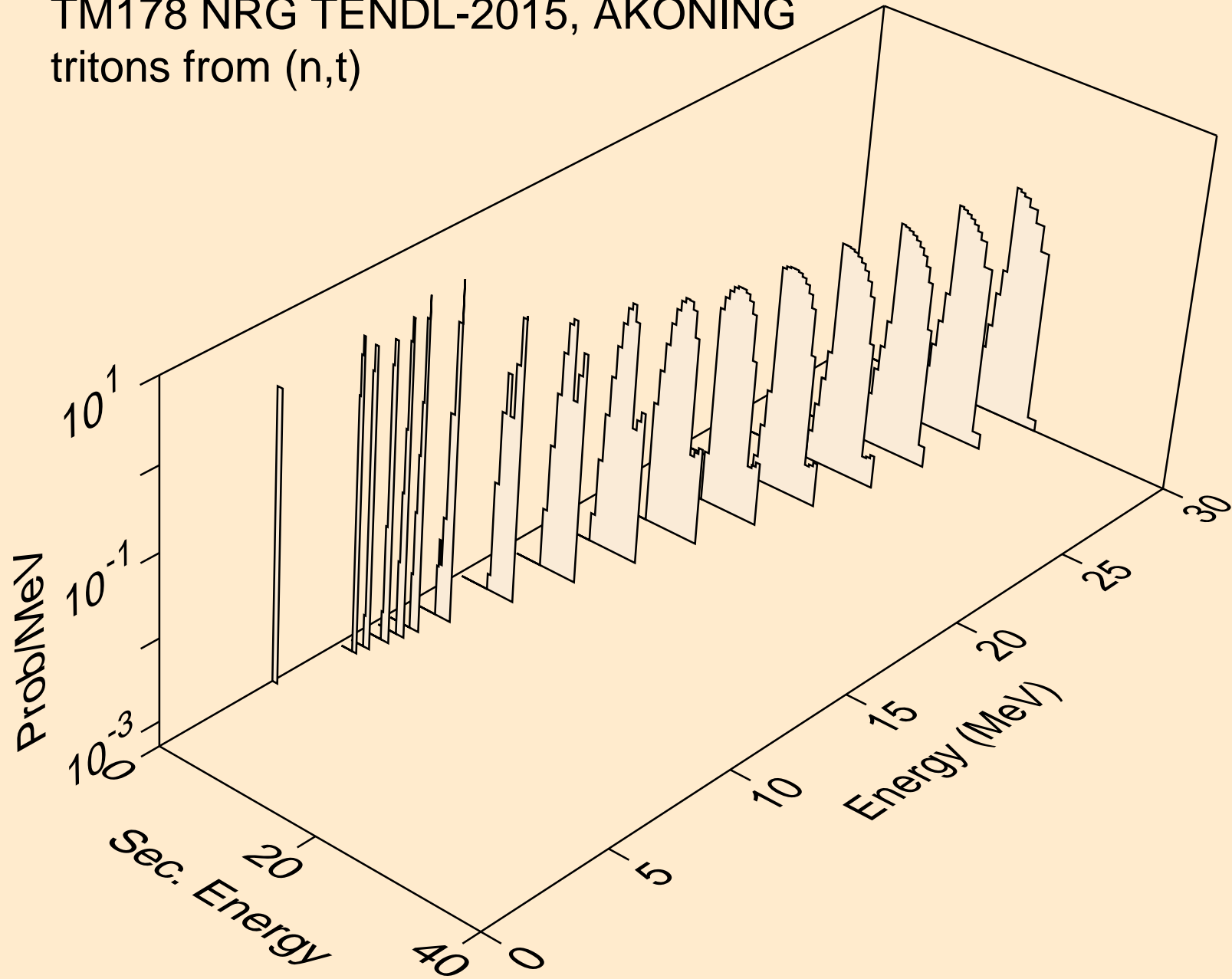


TM178 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

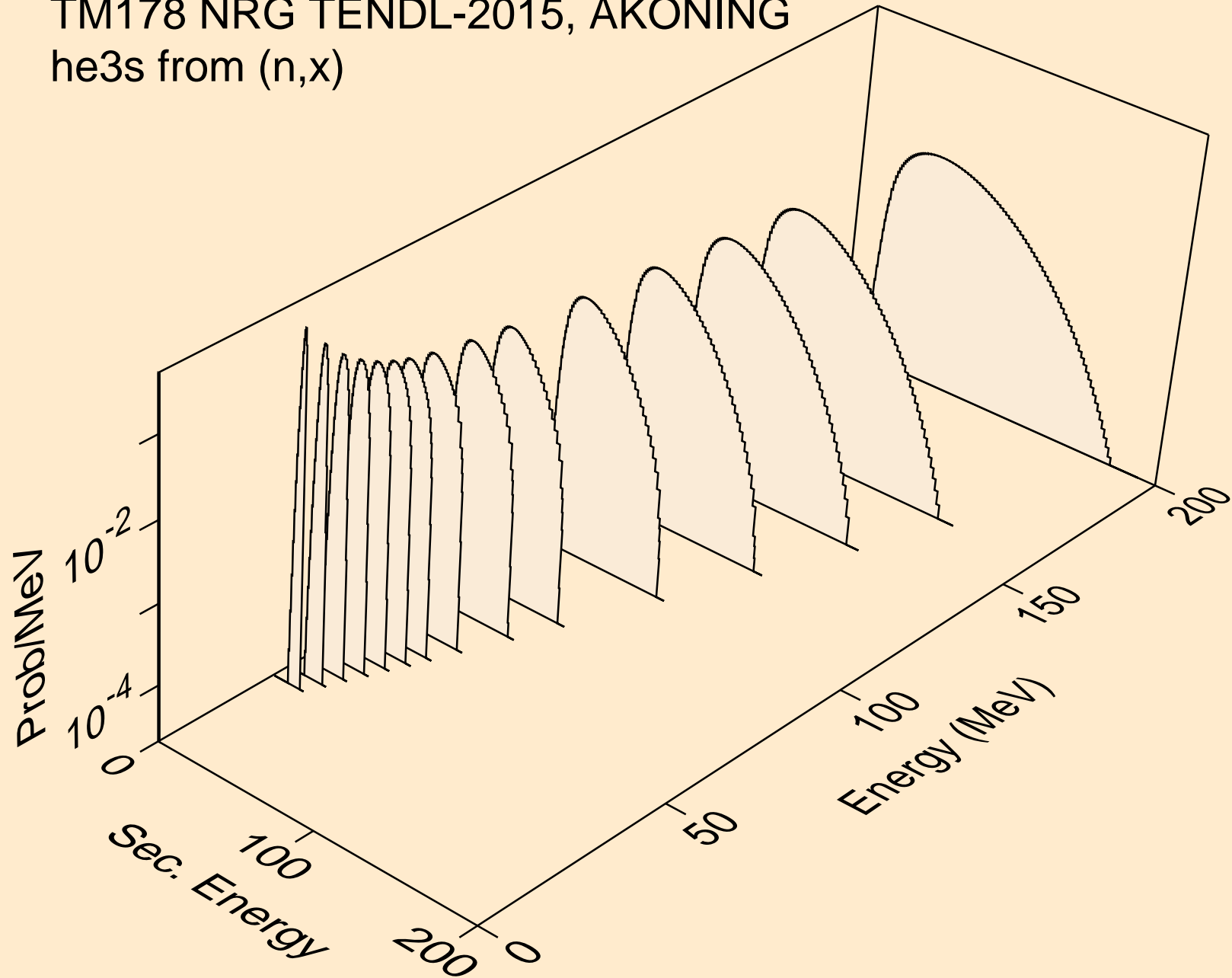




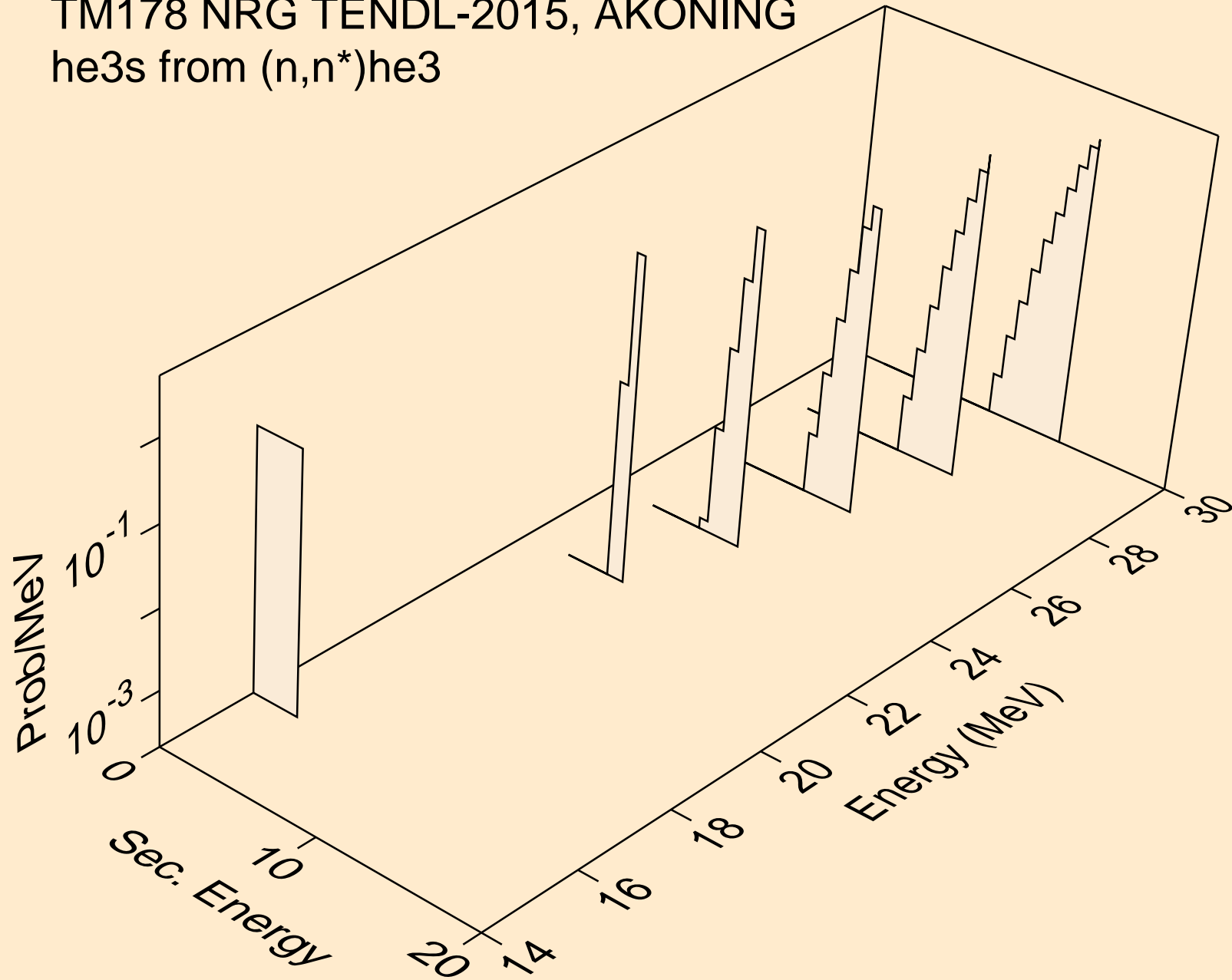
TM178 NRG TENDL-2015, AKONING  
tritons from (n,t)



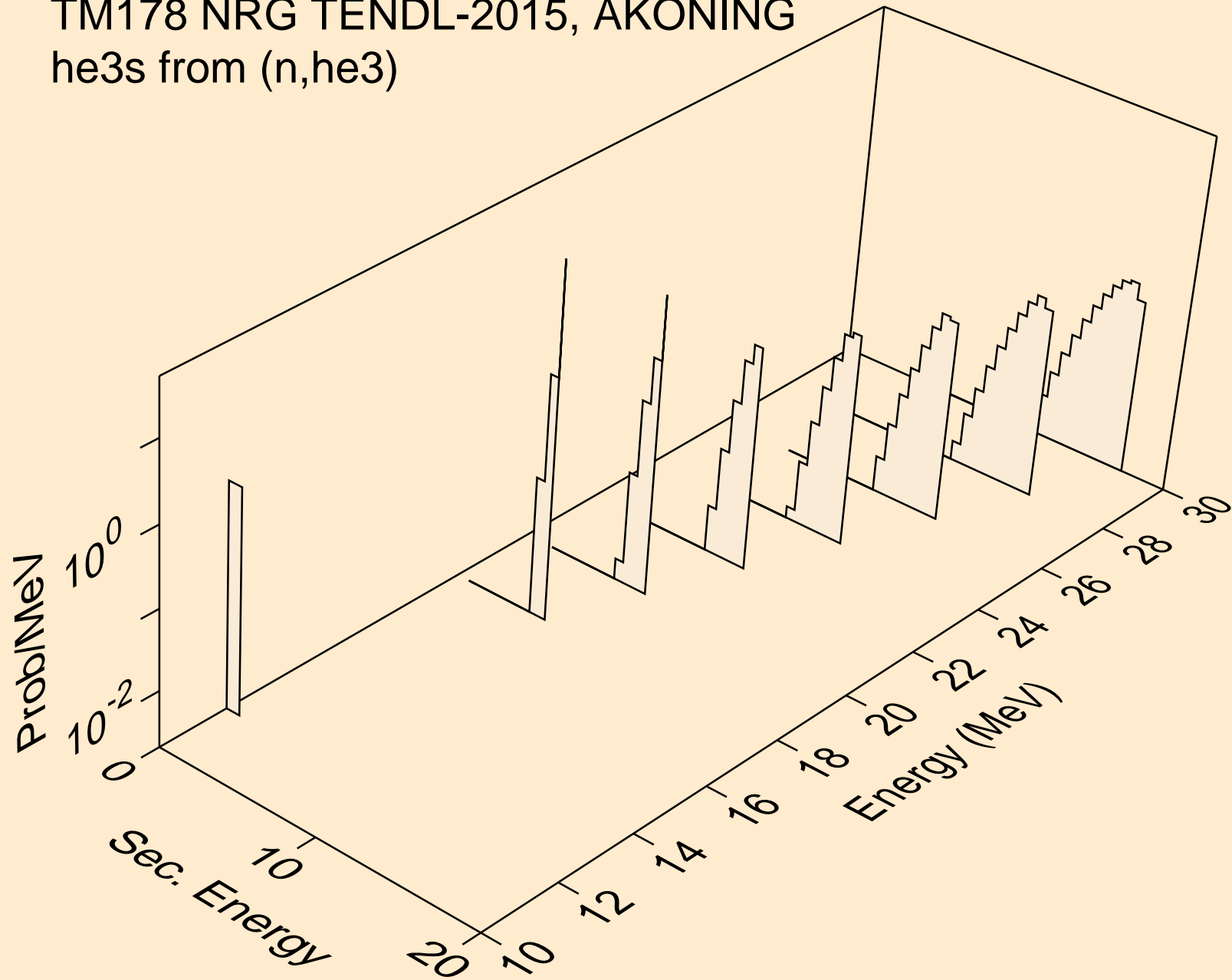
TM178 NRG TENDL-2015, AKONING  
he3s from (n,x)



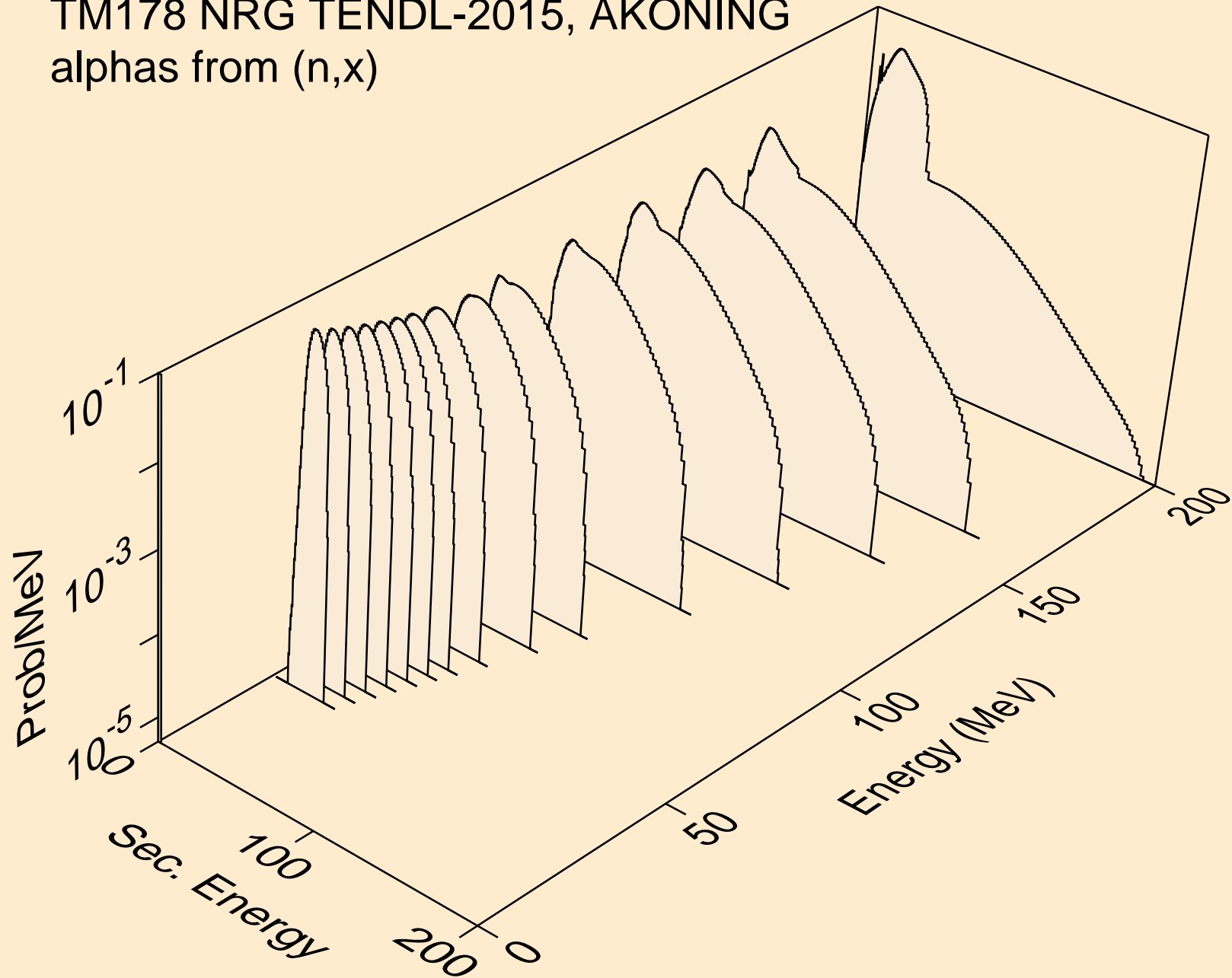
TM178 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



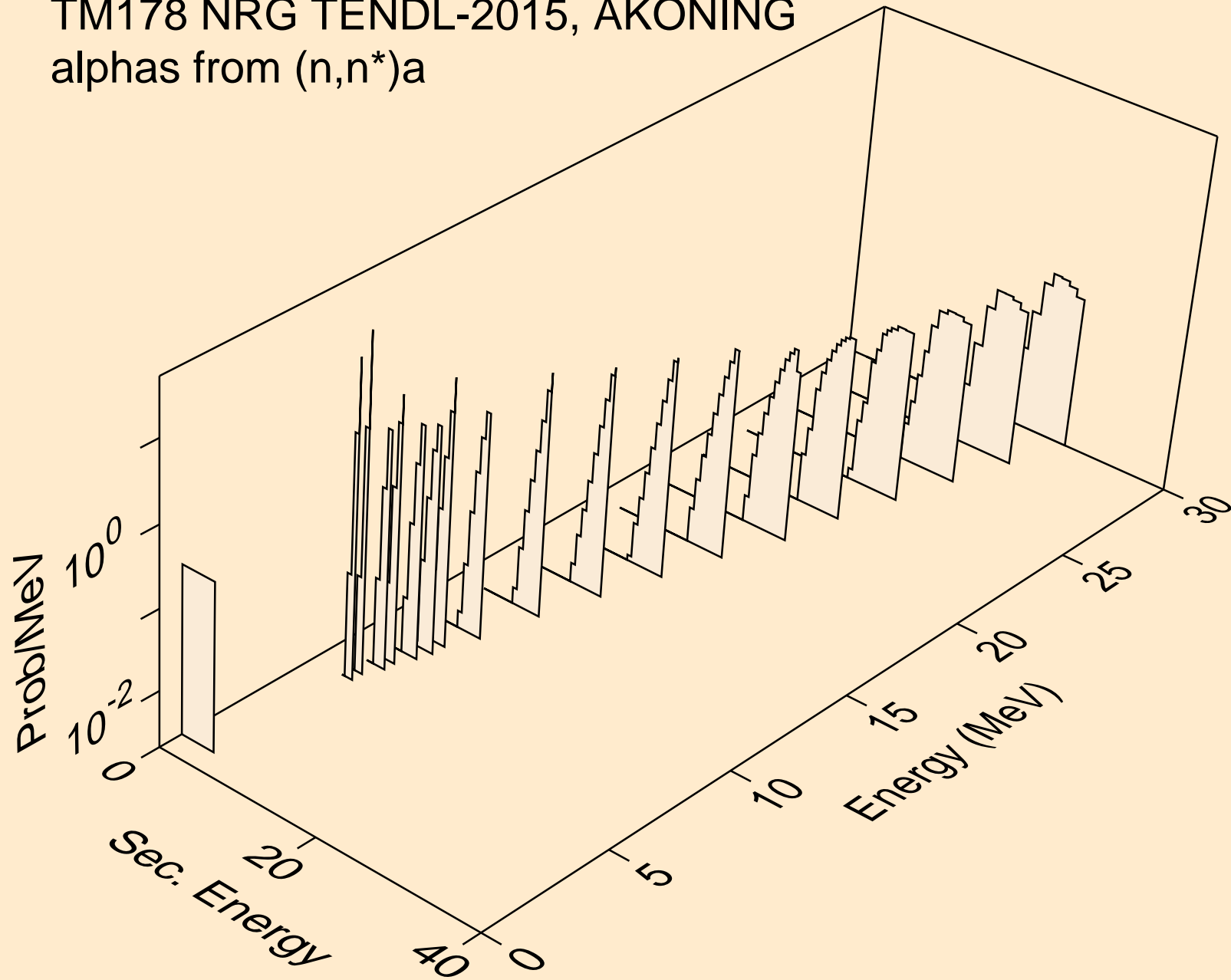
TM178 NRG TENDL-2015, AKONING  
he3s from (n,he3)



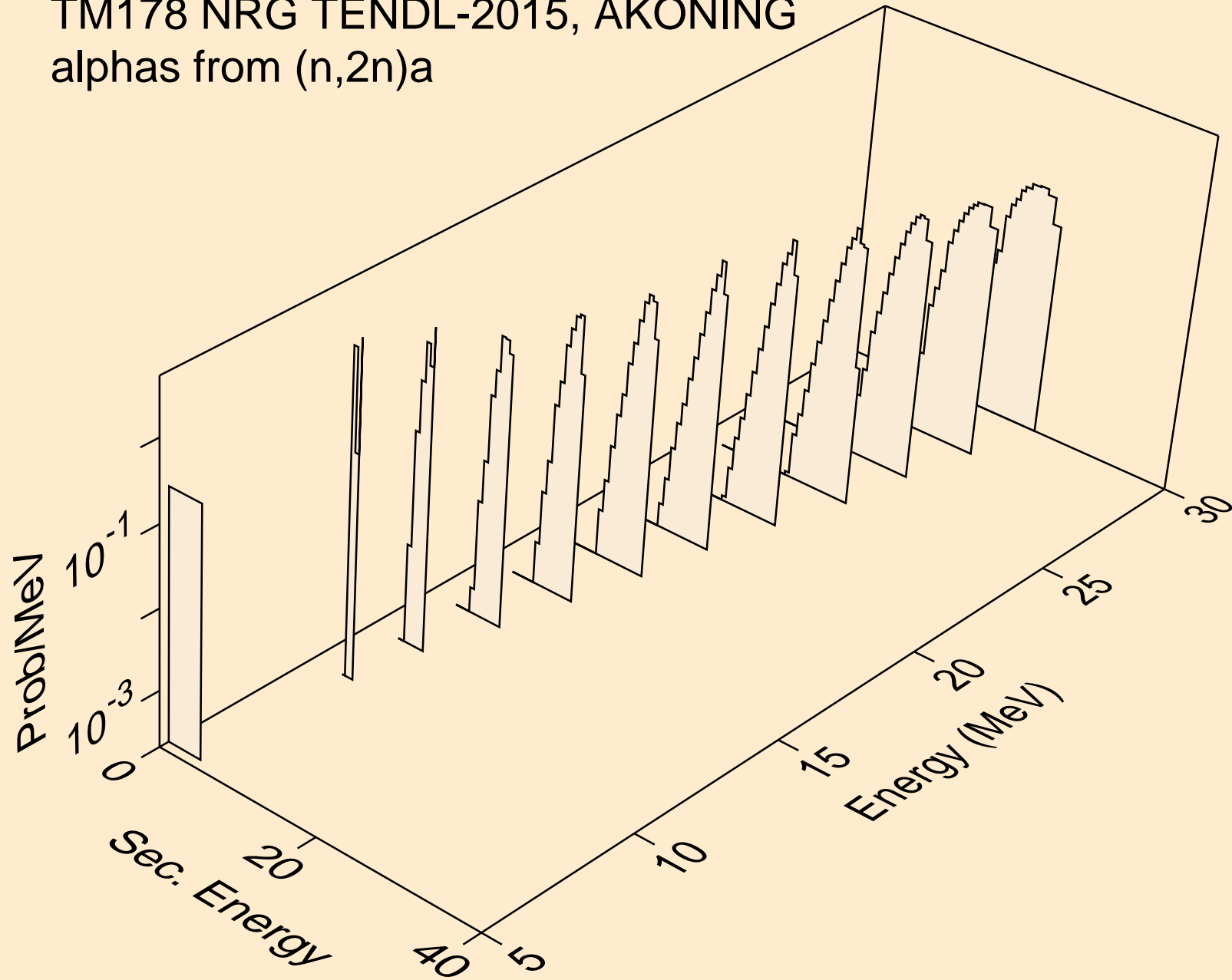
TM178 NRG TENDL-2015, AKONING  
alphas from (n,x)



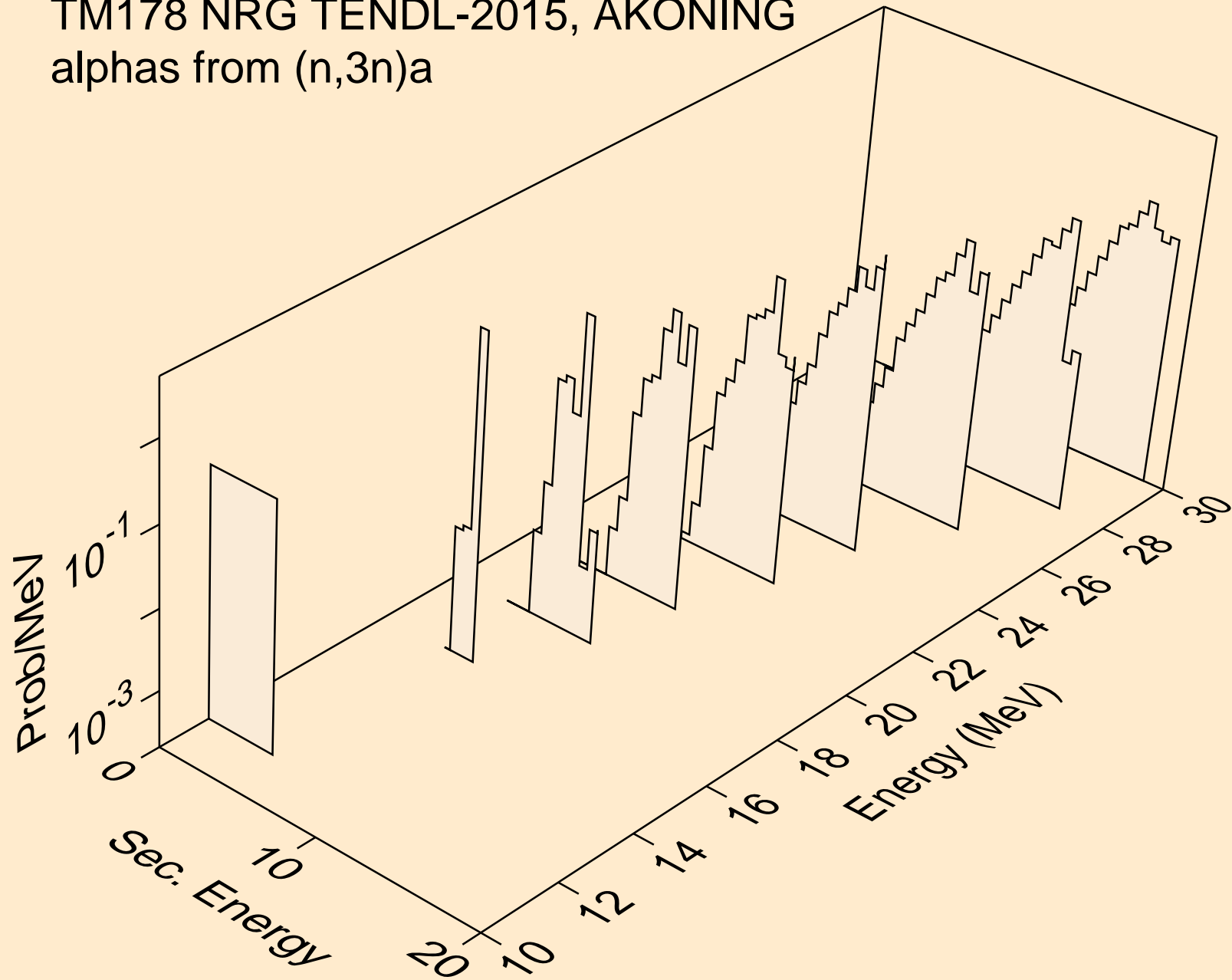
TM178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TM178 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TM178 NRG TENDL-2015, AKONING  
alphas from (n,3n)a





TM178 NRG TENDL-2015, AKONING  
alphas from (n,a)

