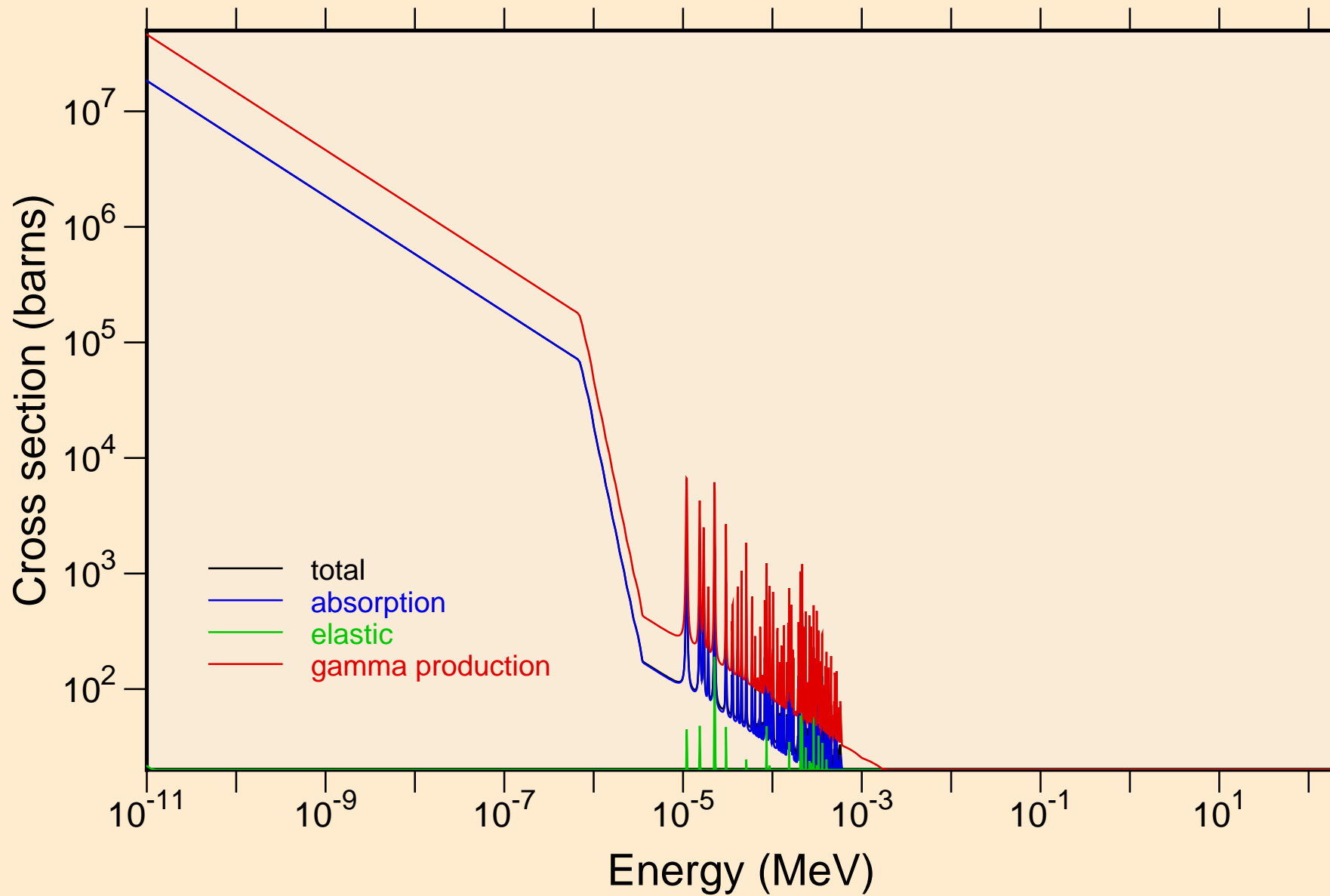
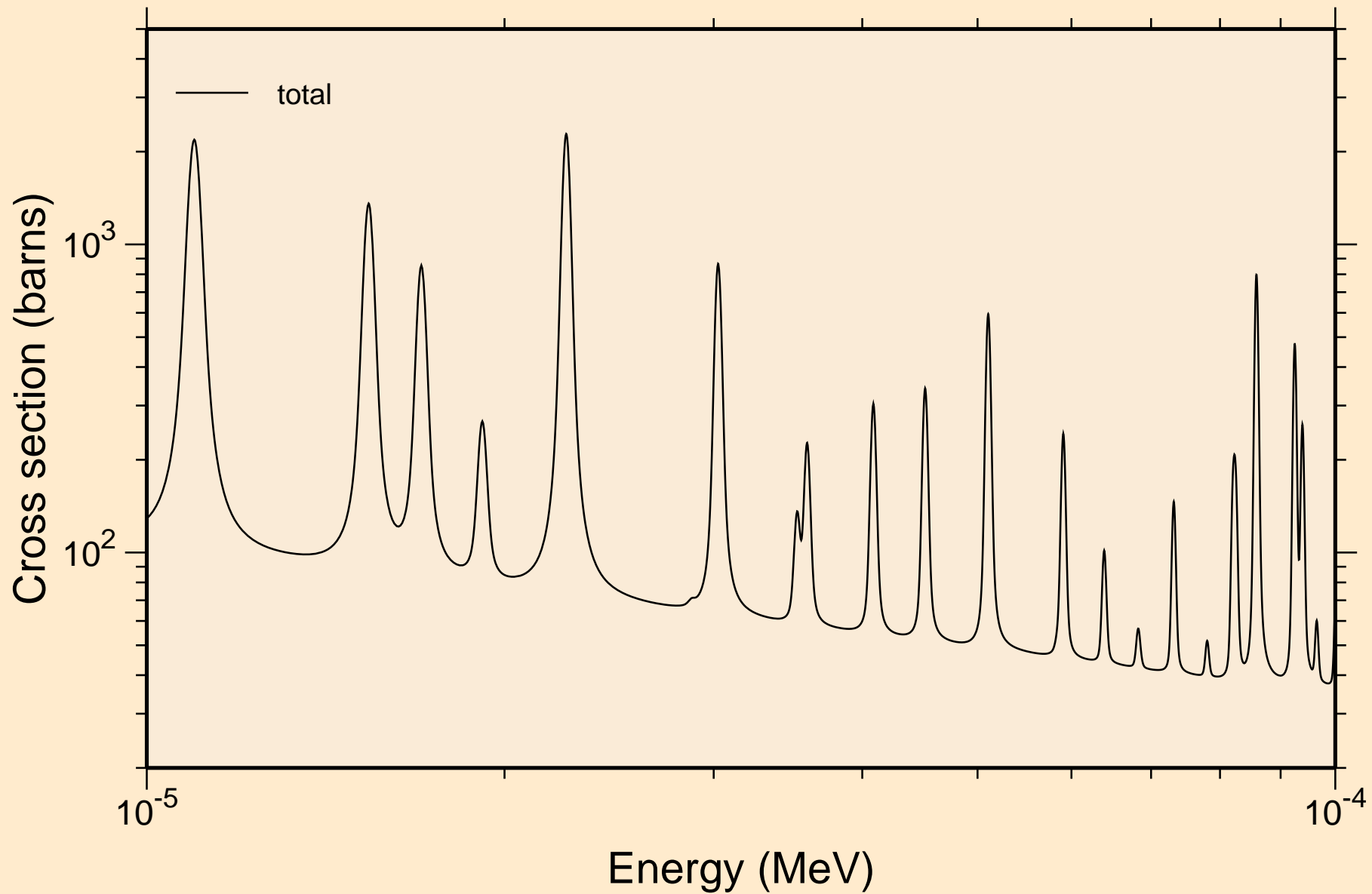


# Y080M NRG TENDL-2015, AKONING

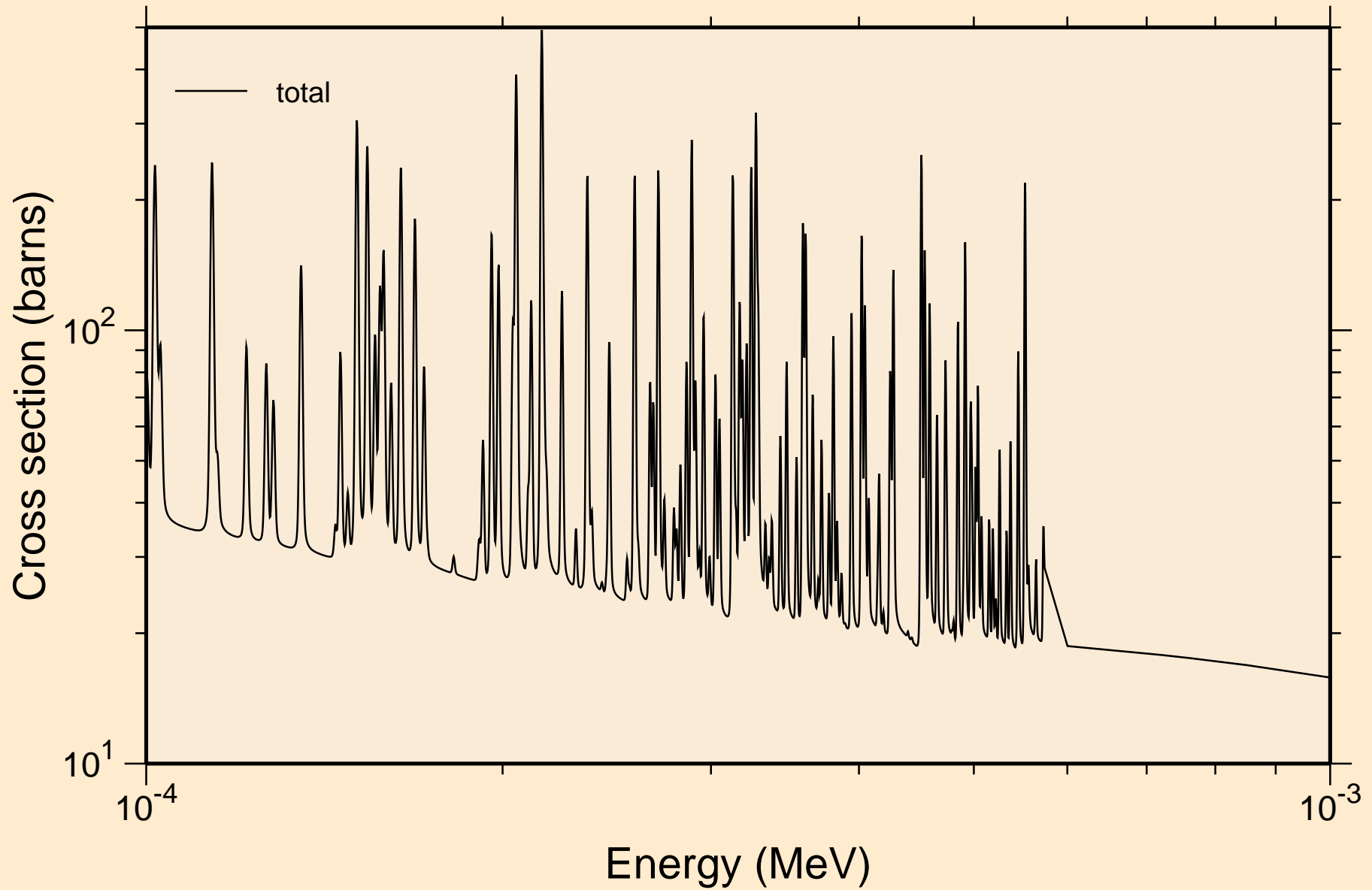
## Principal cross sections



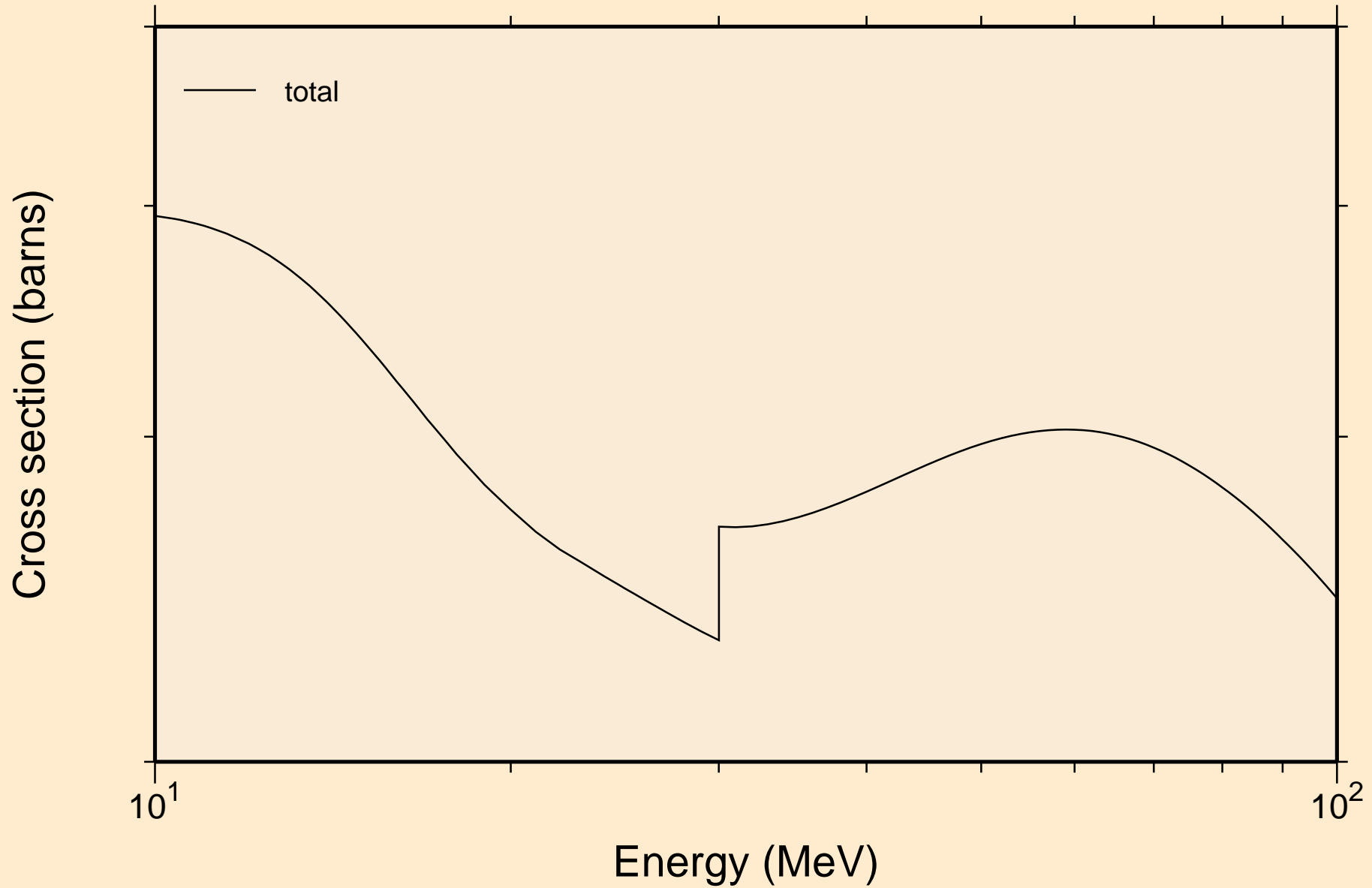
Y080M NRG TENDL-2015, AKONING  
resonance total cross section



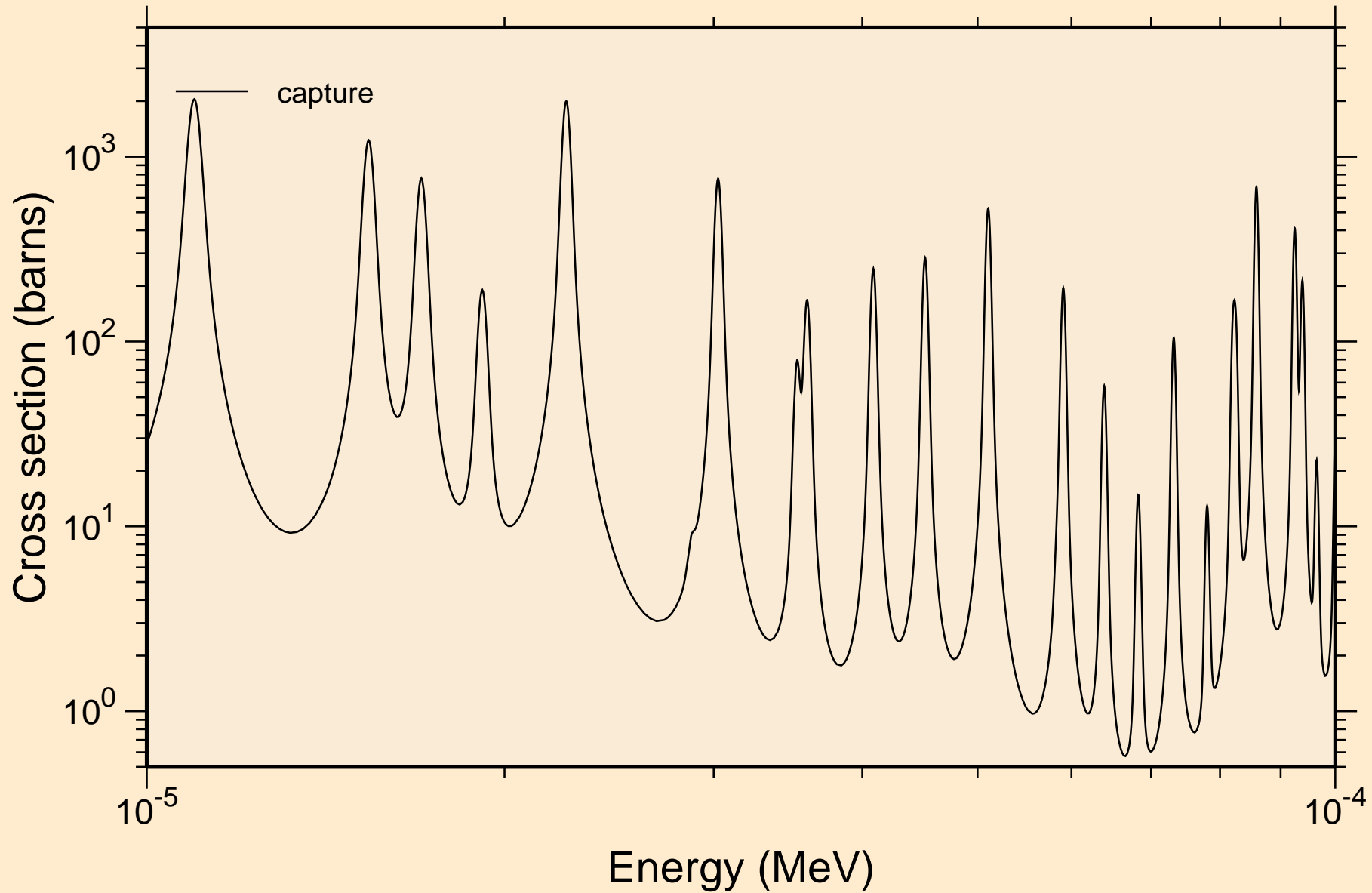
Y080M NRG TENDL-2015, AKONING  
resonance total cross section



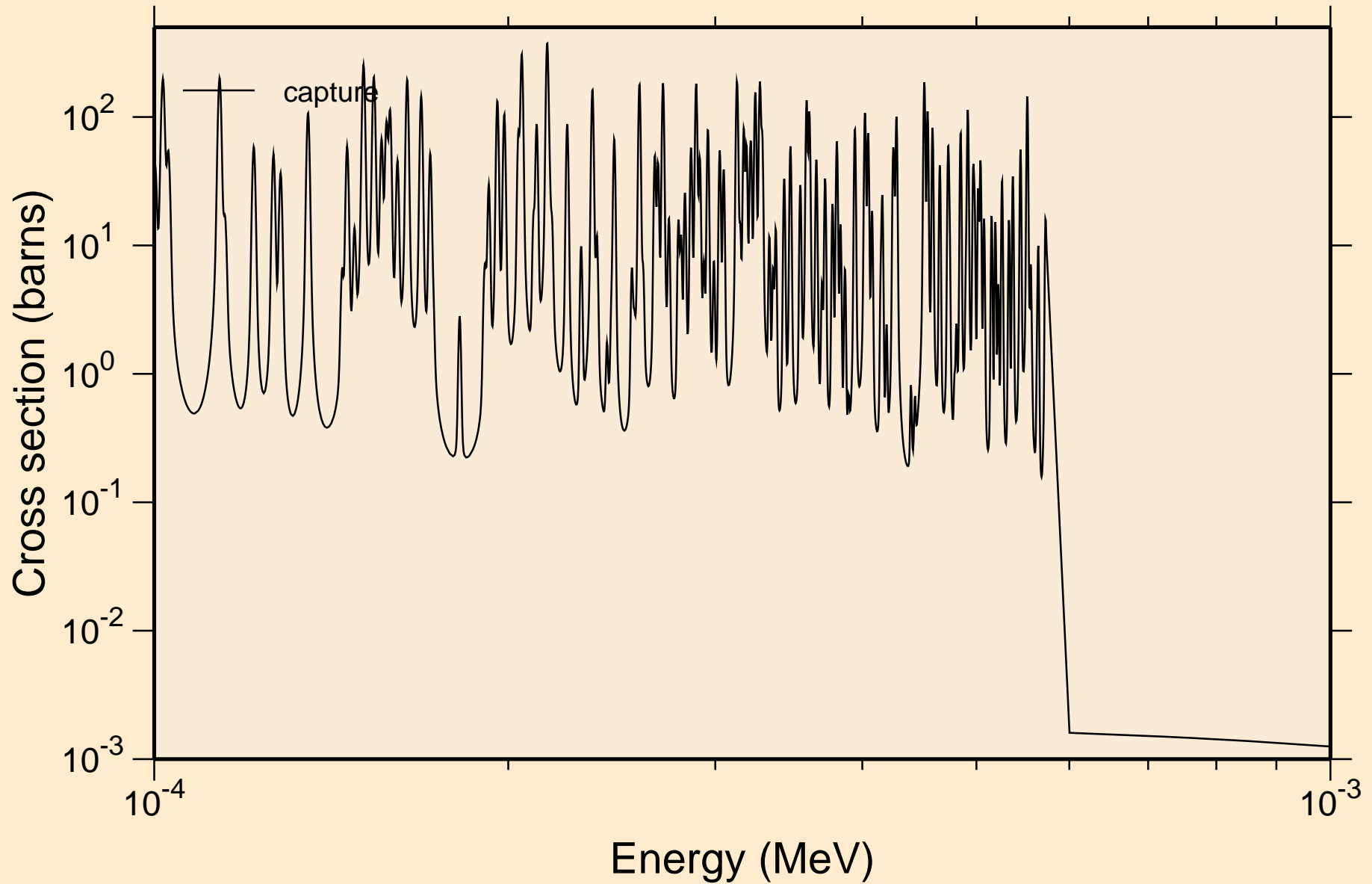
Y080M NRG TENDL-2015, AKONING  
resonance total cross section



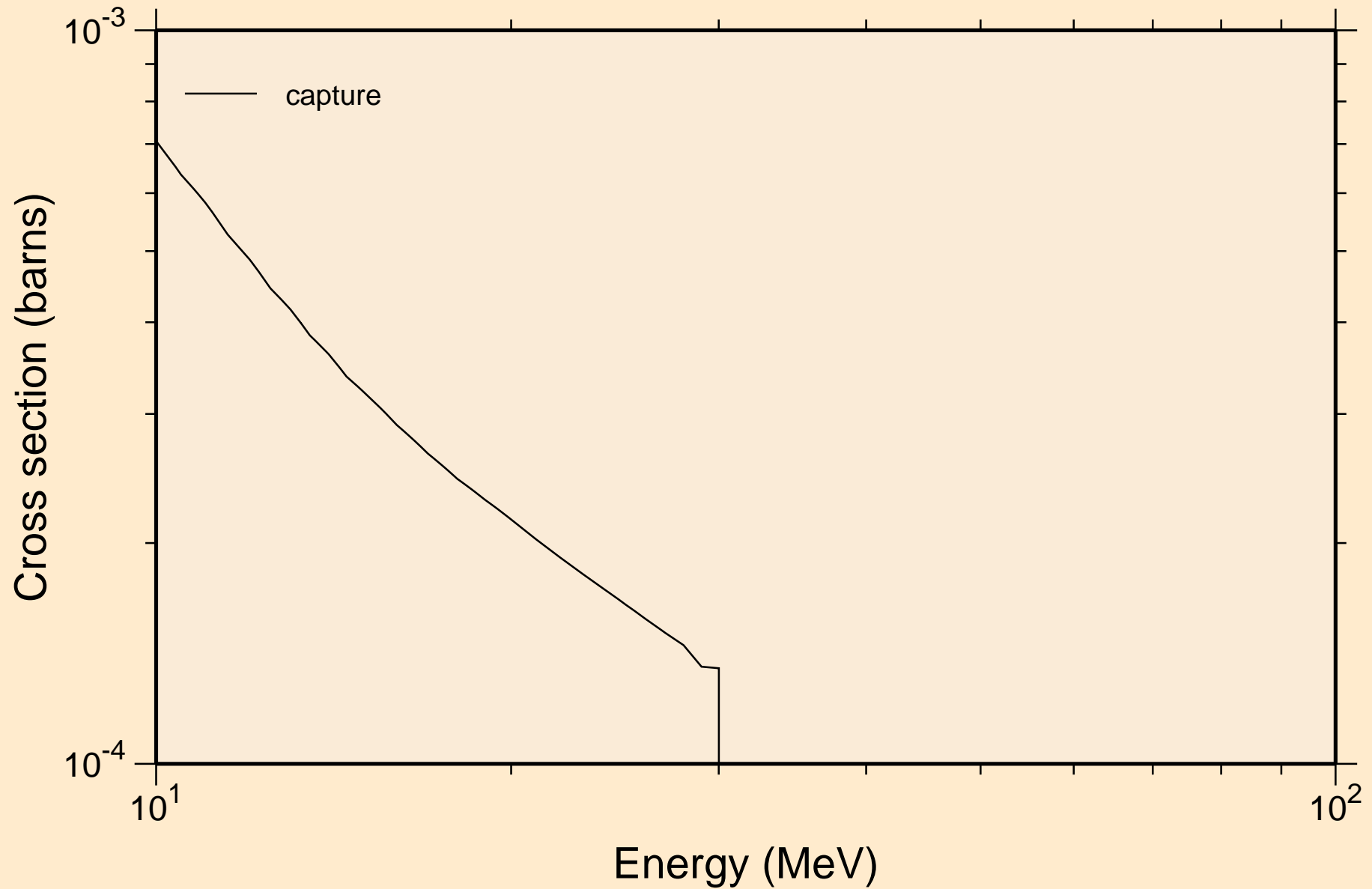
Y080M NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y080M NRG TENDL-2015, AKONING  
resonance absorption cross sections

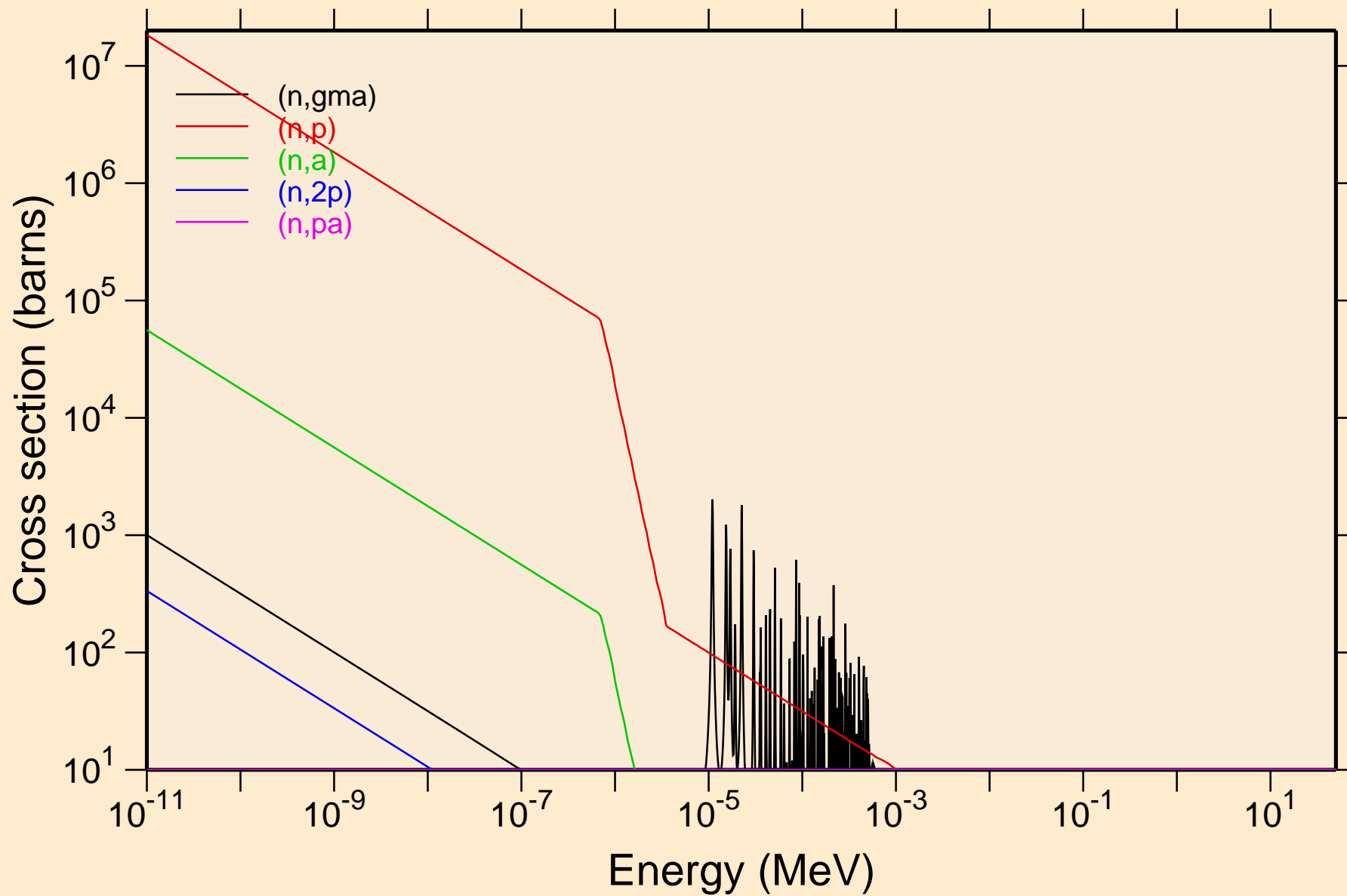


Y080M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# Y080M NRG TENDL-2015, AKONING

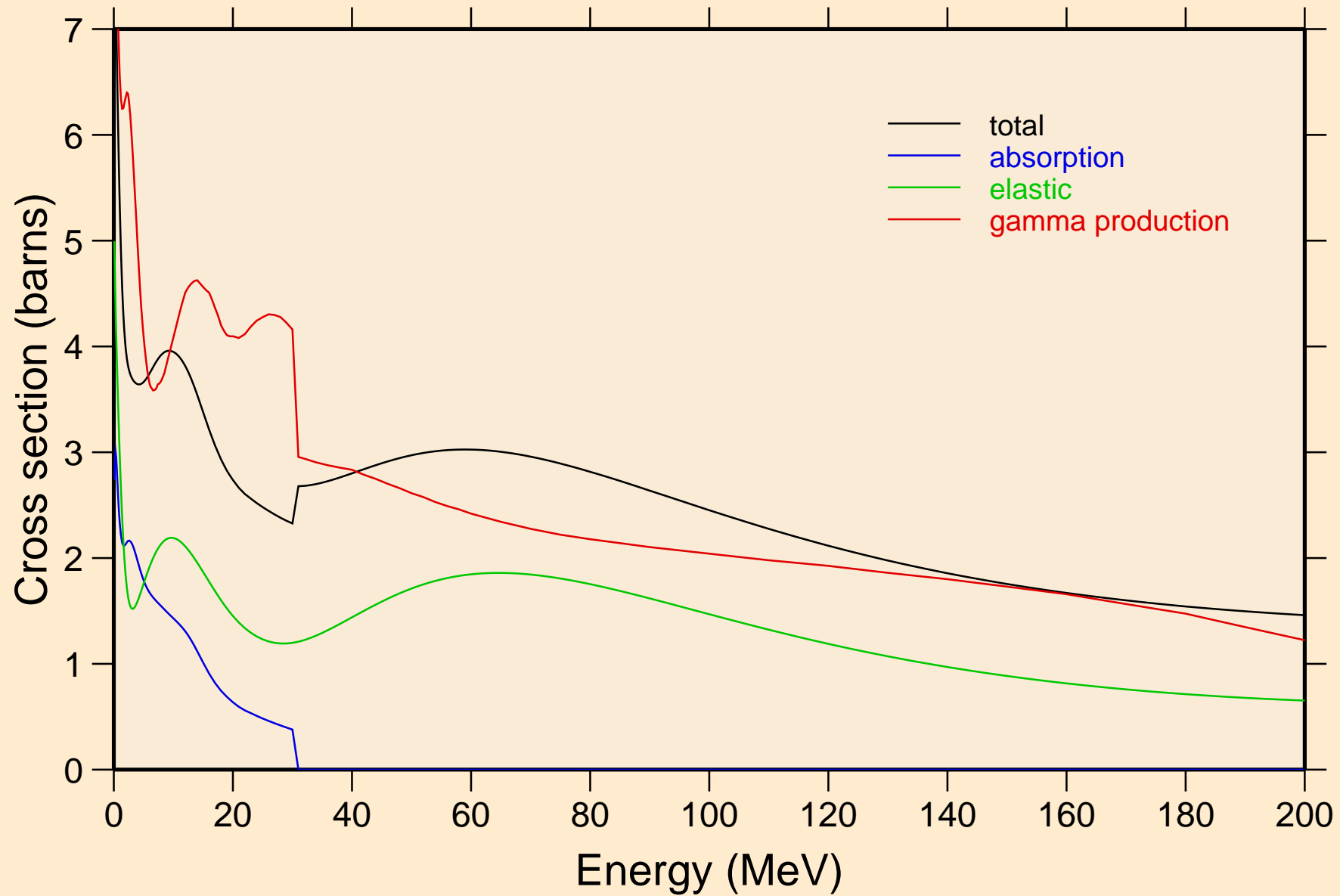
## Non-threshold reactions





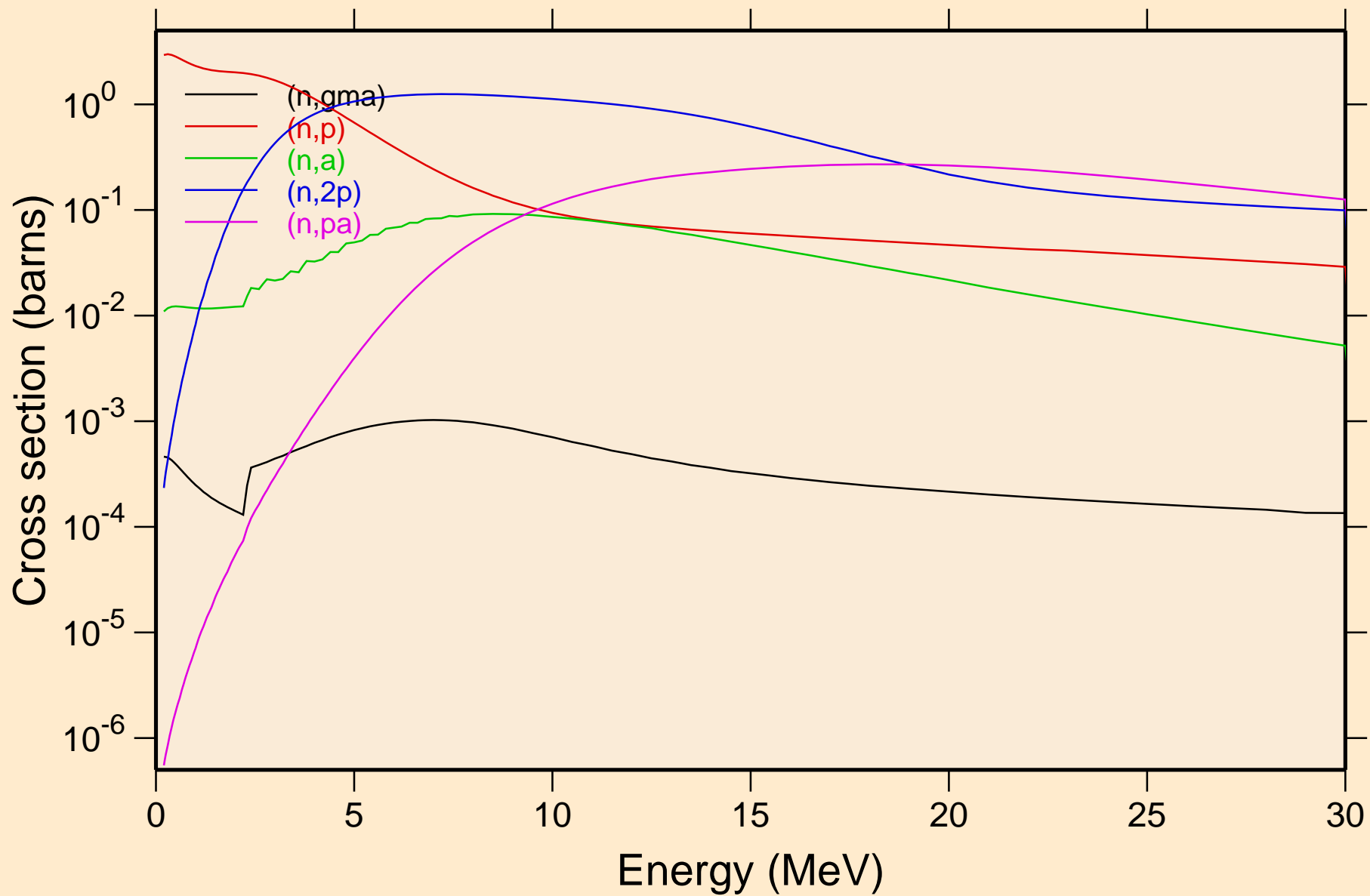
# Y080M NRG TENDL-2015, AKONING

## Principal cross sections



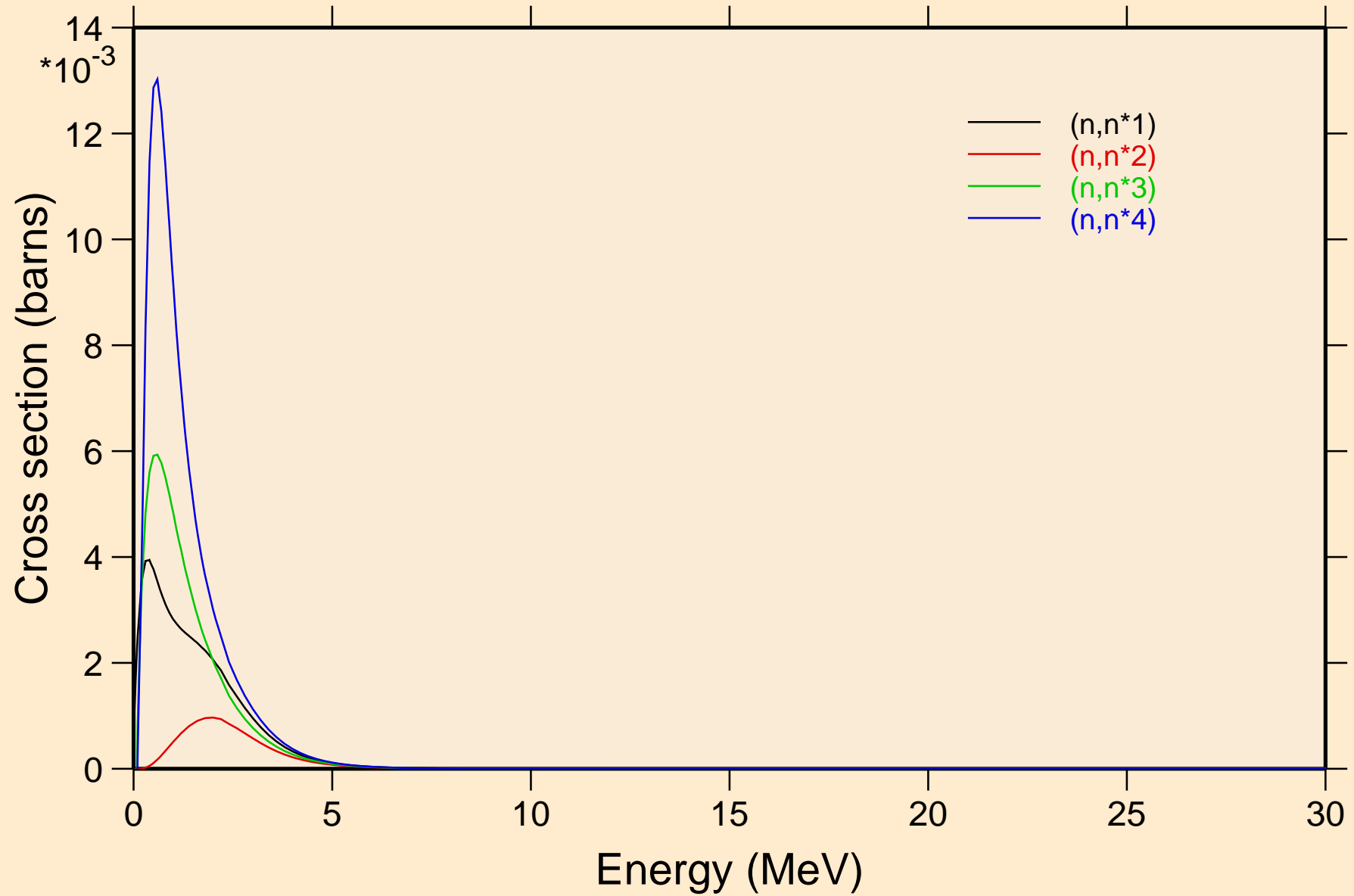
# Y080M NRG TENDL-2015, AKONING

## Non-threshold reactions



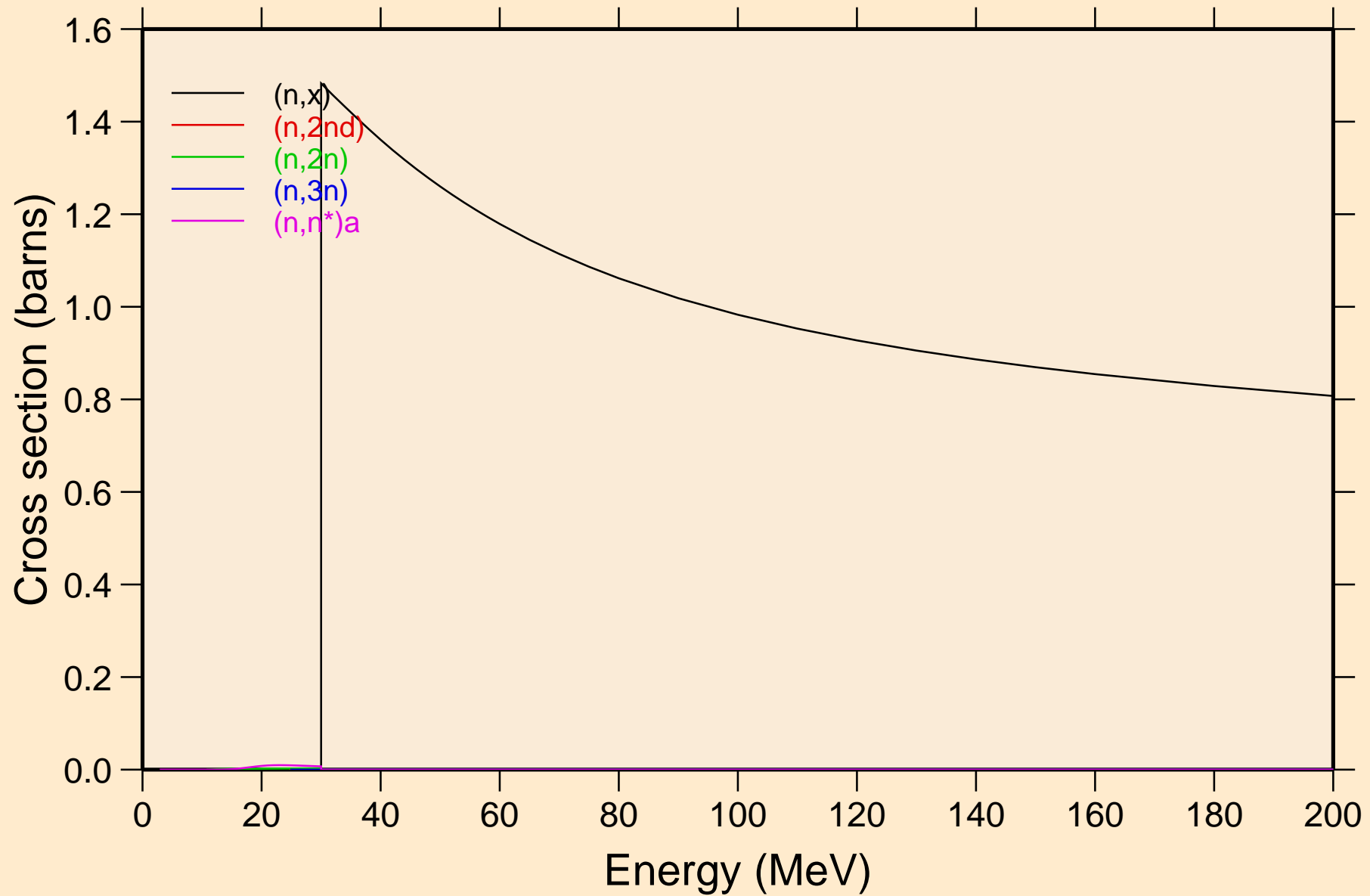
# Y080M NRG TENDL-2015, AKONING

## Inelastic levels



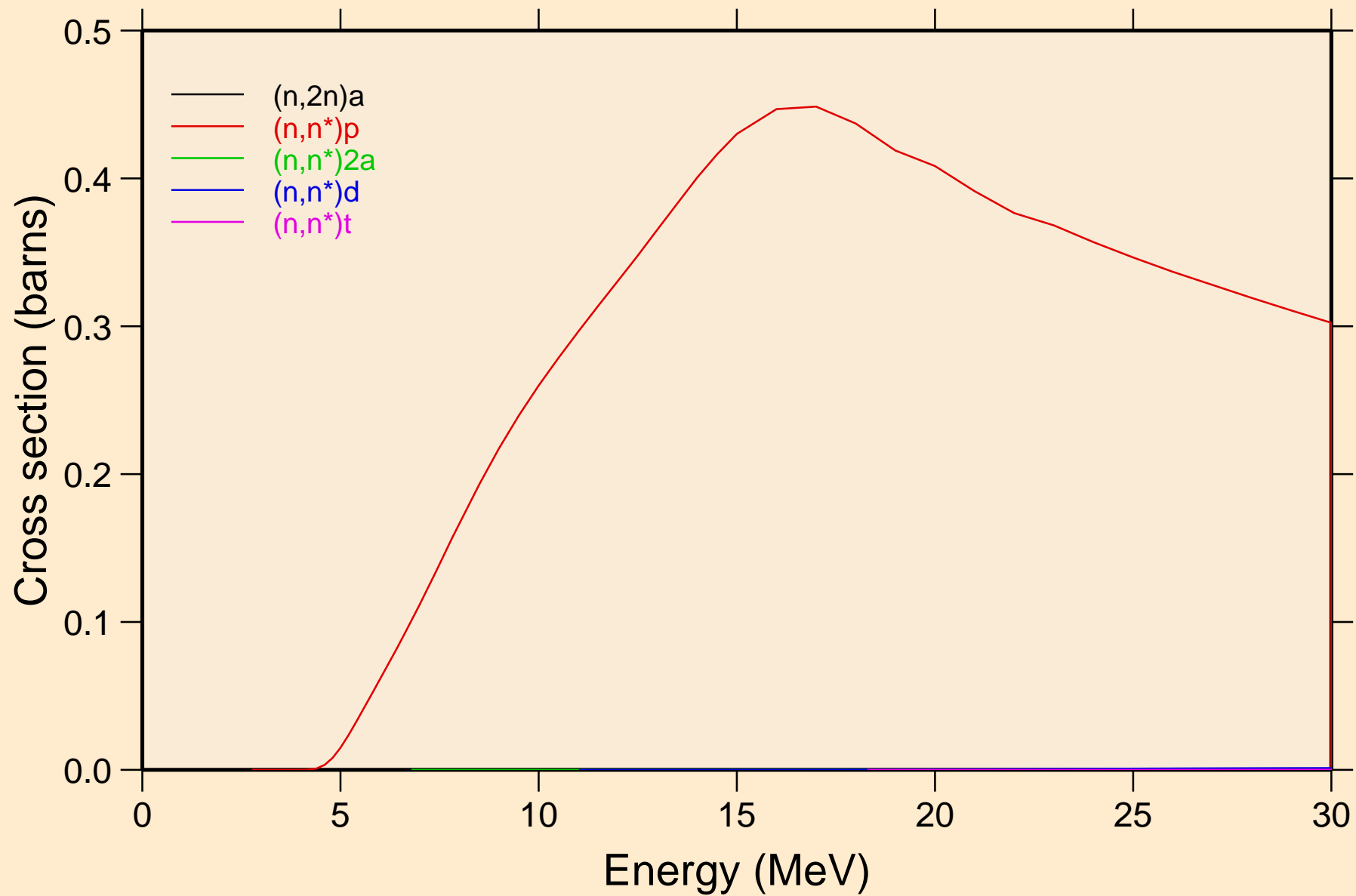
# Y080M NRG TENDL-2015, AKONING

## Threshold reactions



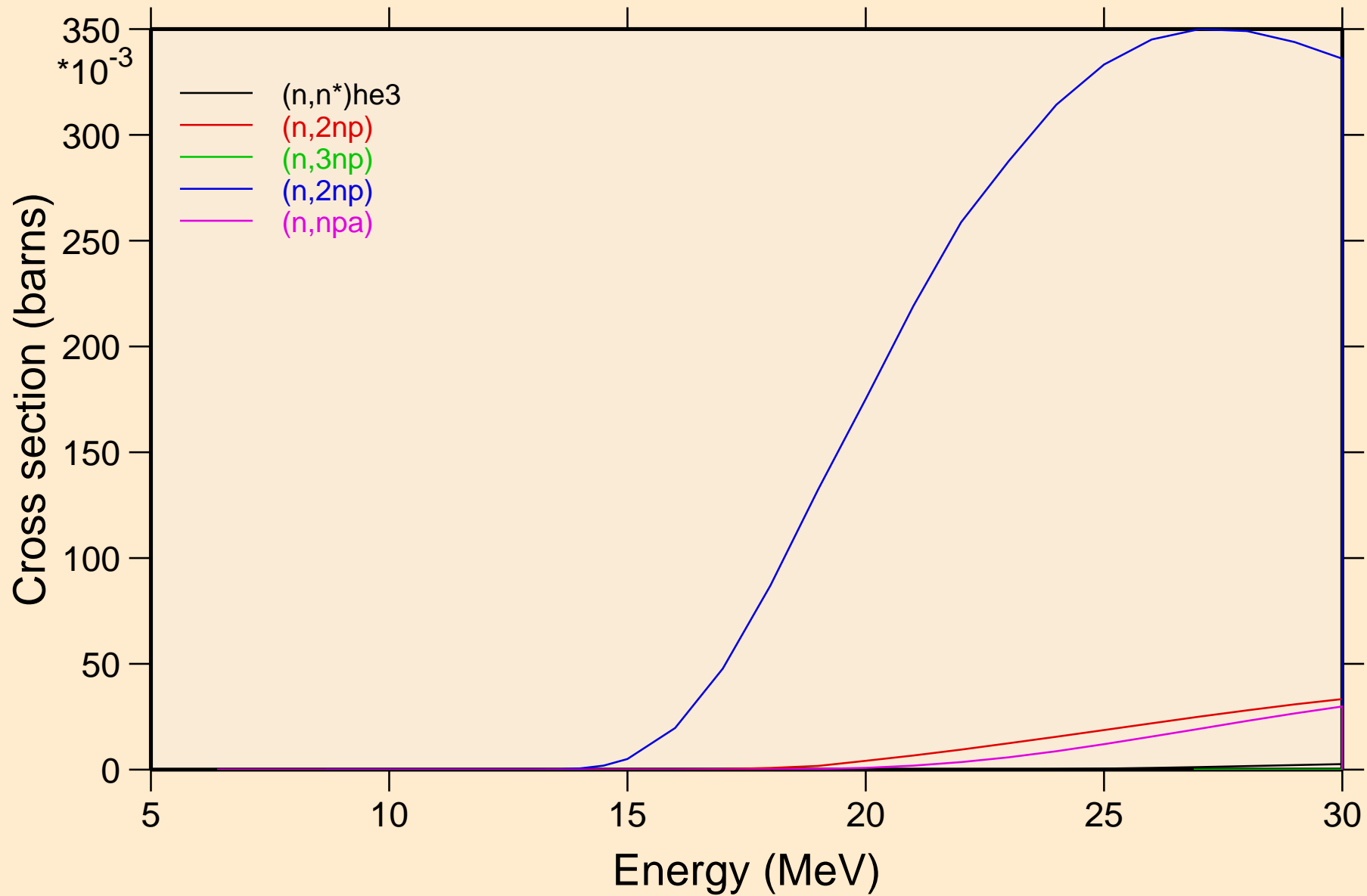
# Y080M NRG TENDL-2015, AKONING

## Threshold reactions



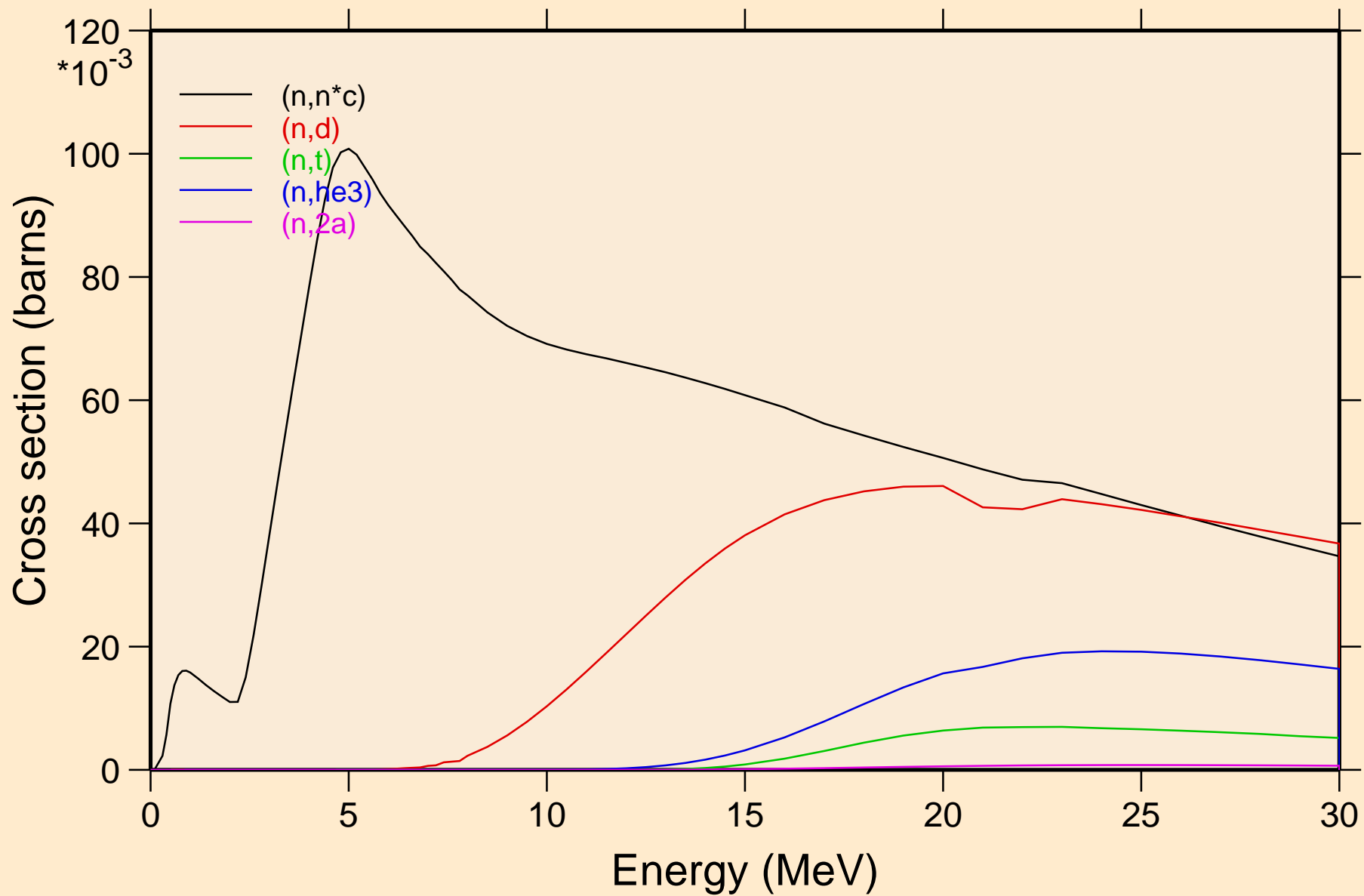
# Y080M NRG TENDL-2015, AKONING

## Threshold reactions



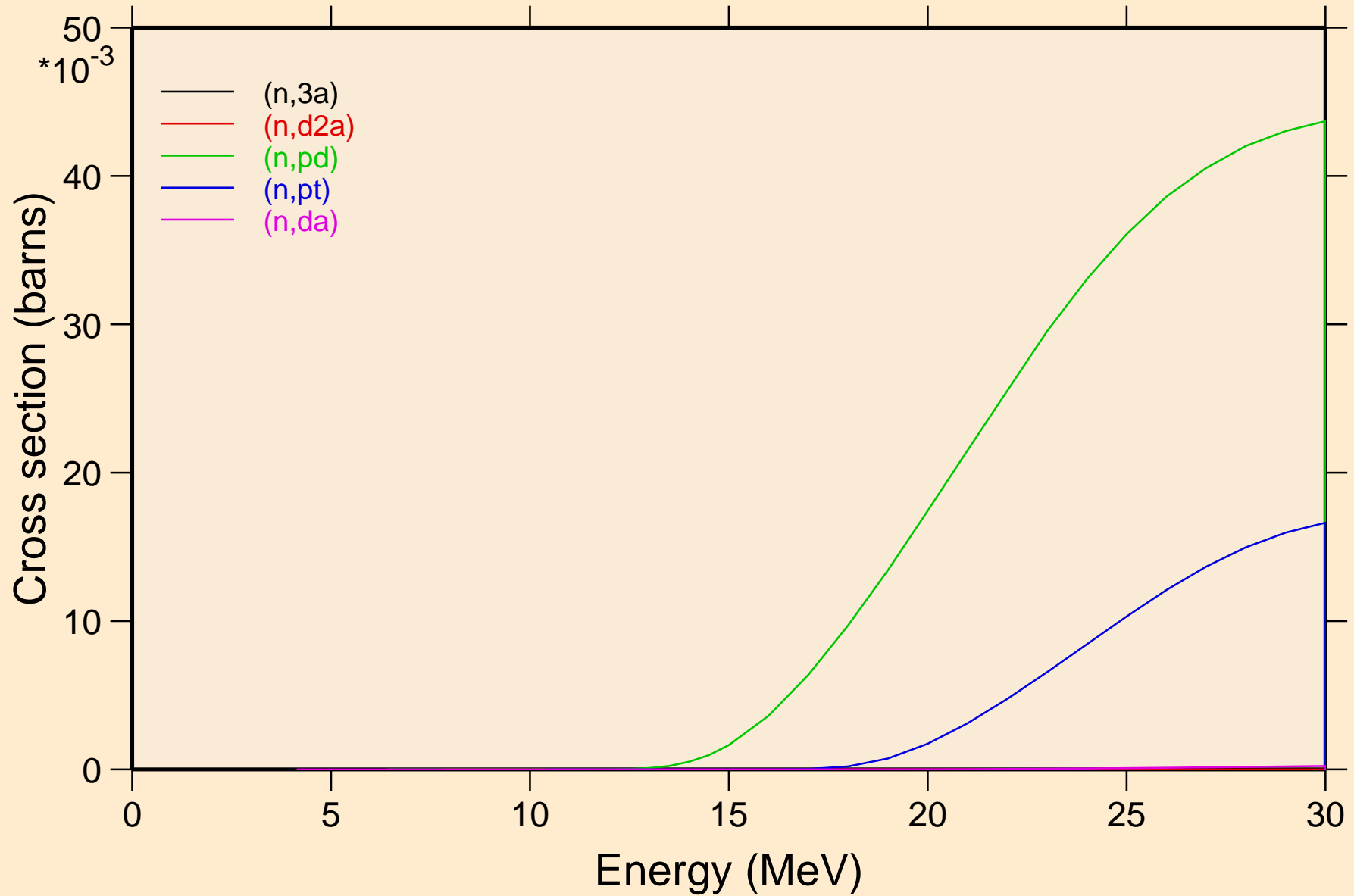
# Y080M NRG TENDL-2015, AKONING

## Threshold reactions



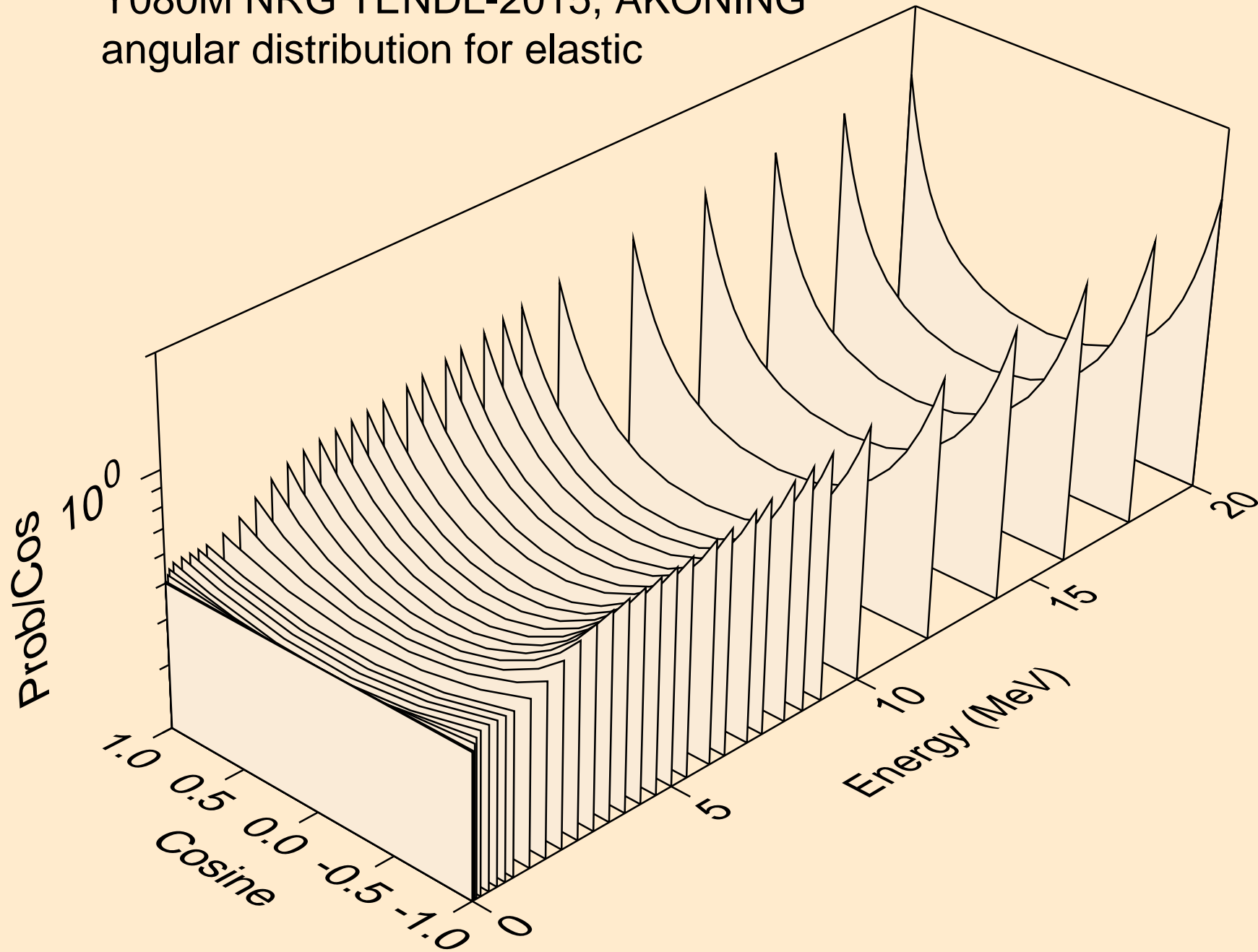
# Y080M NRG TENDL-2015, AKONING

## Threshold reactions

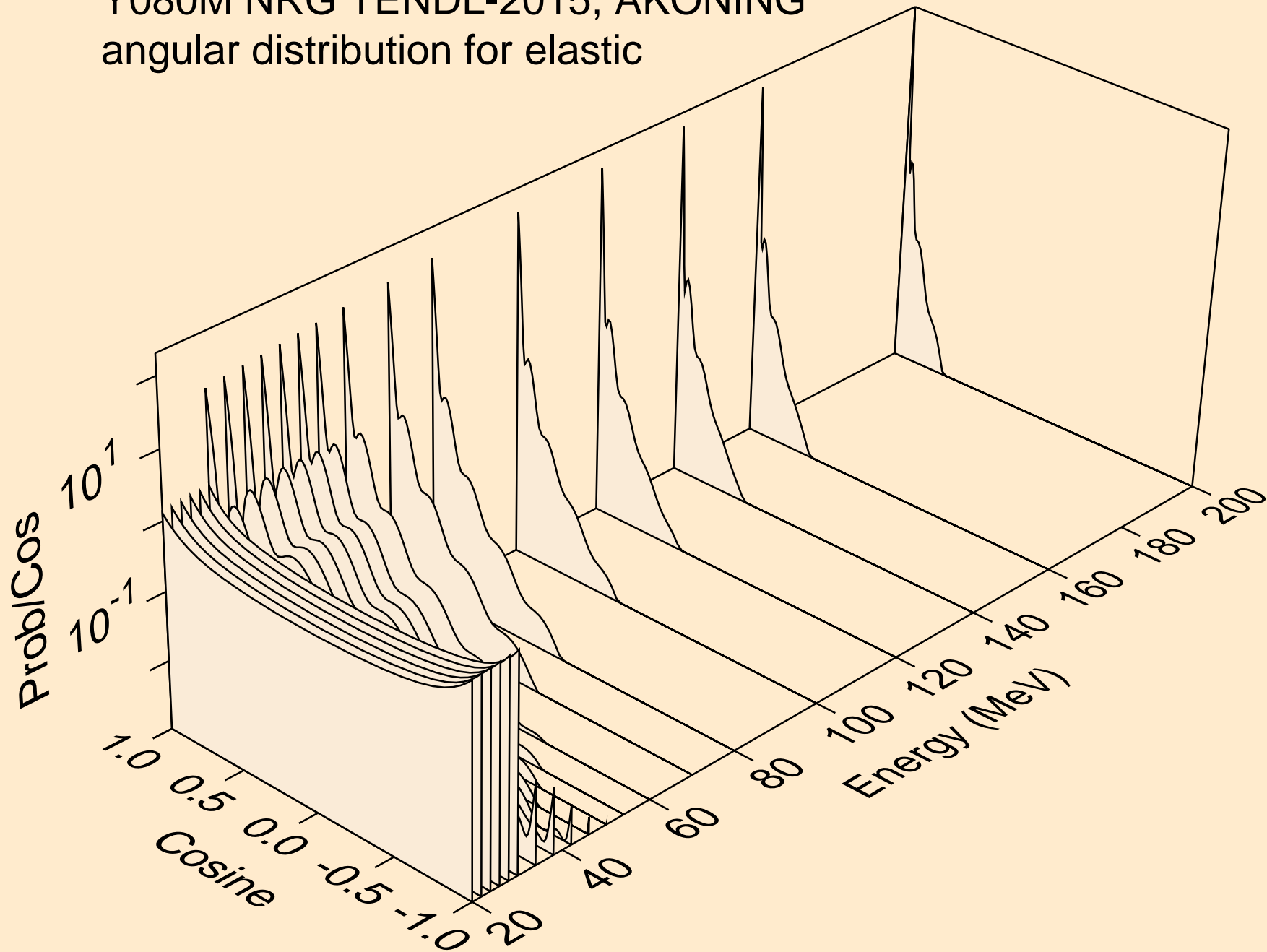




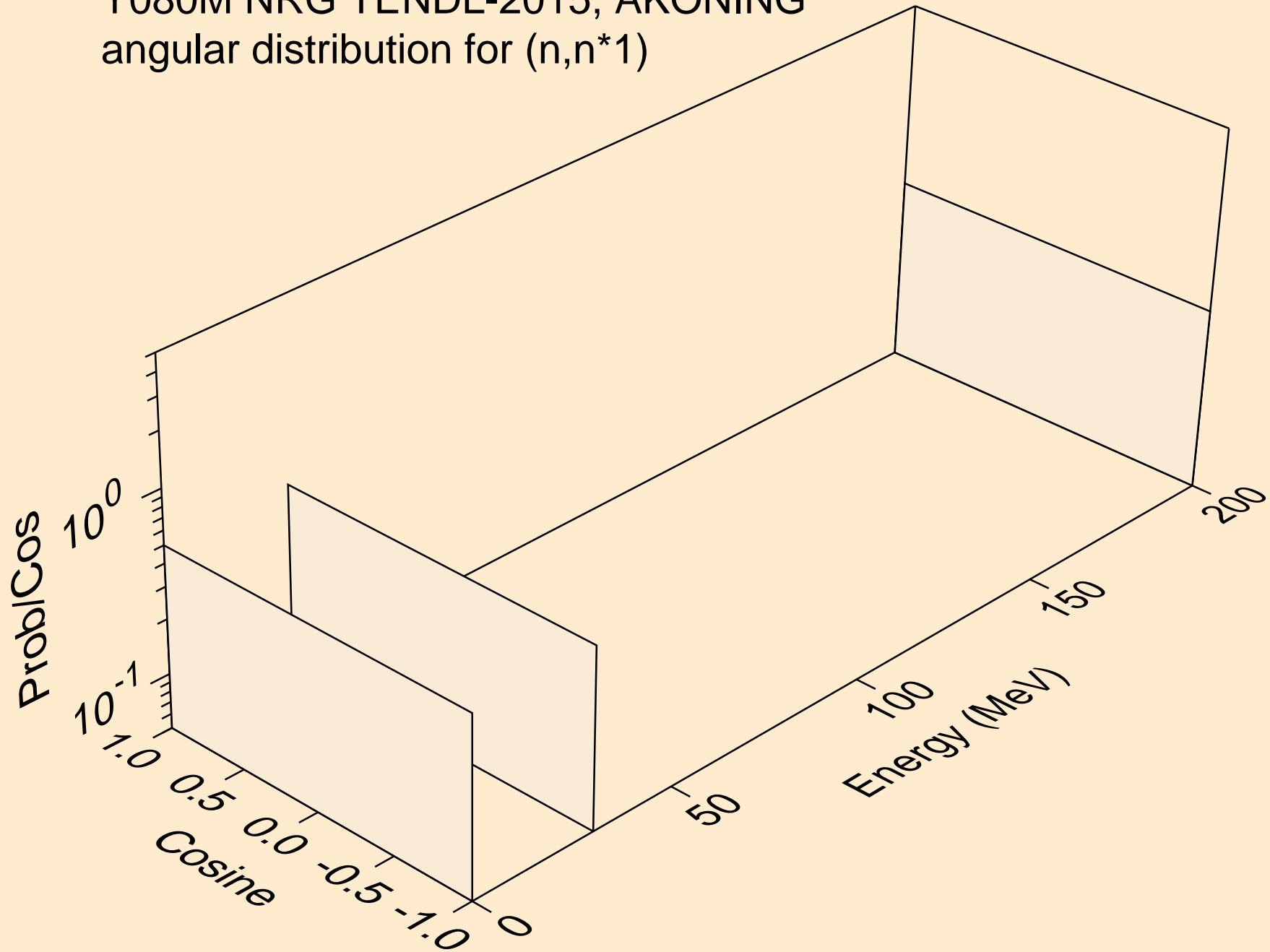
Y080M NRG TENDL-2015, AKONING  
angular distribution for elastic



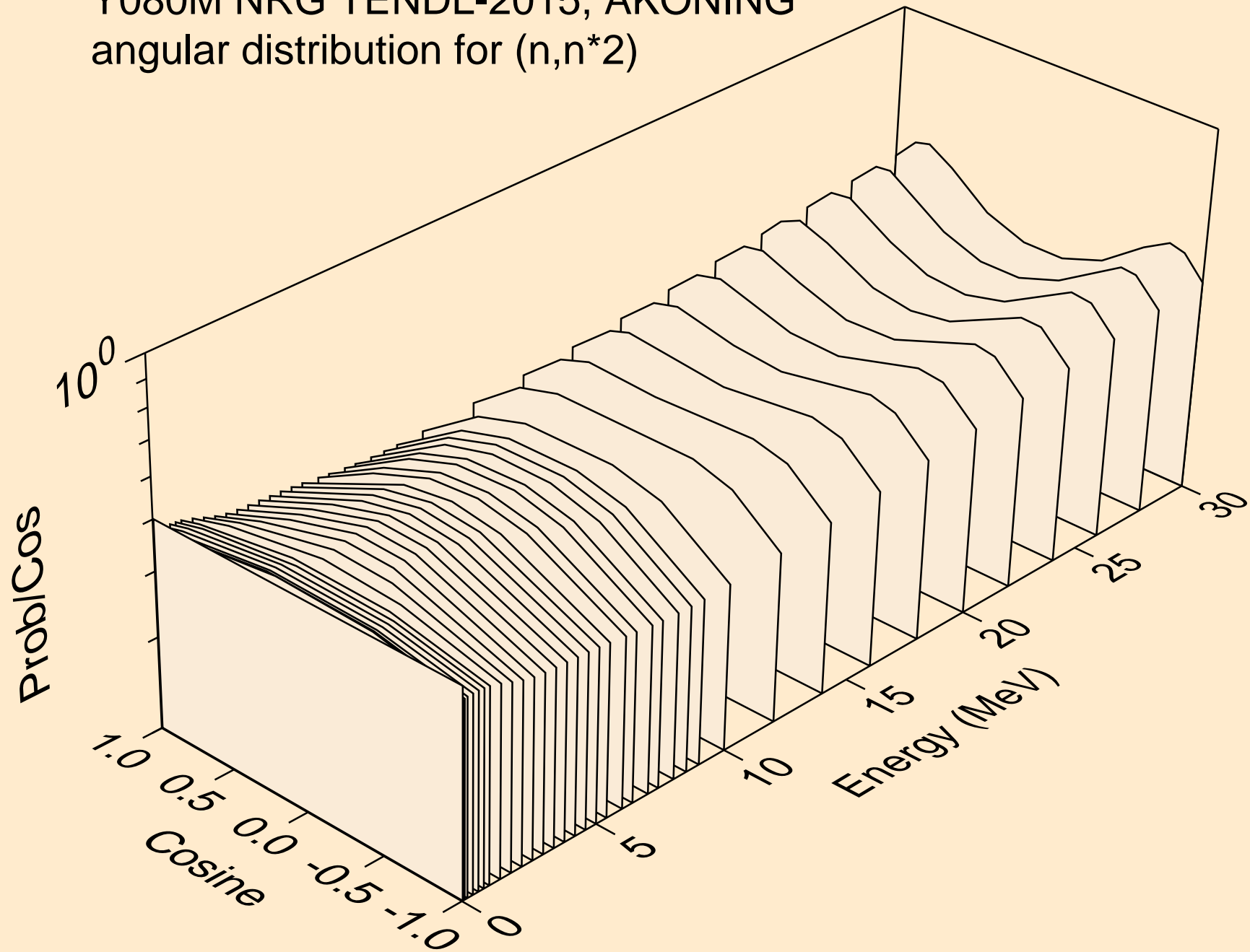
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angular distribution for elastic



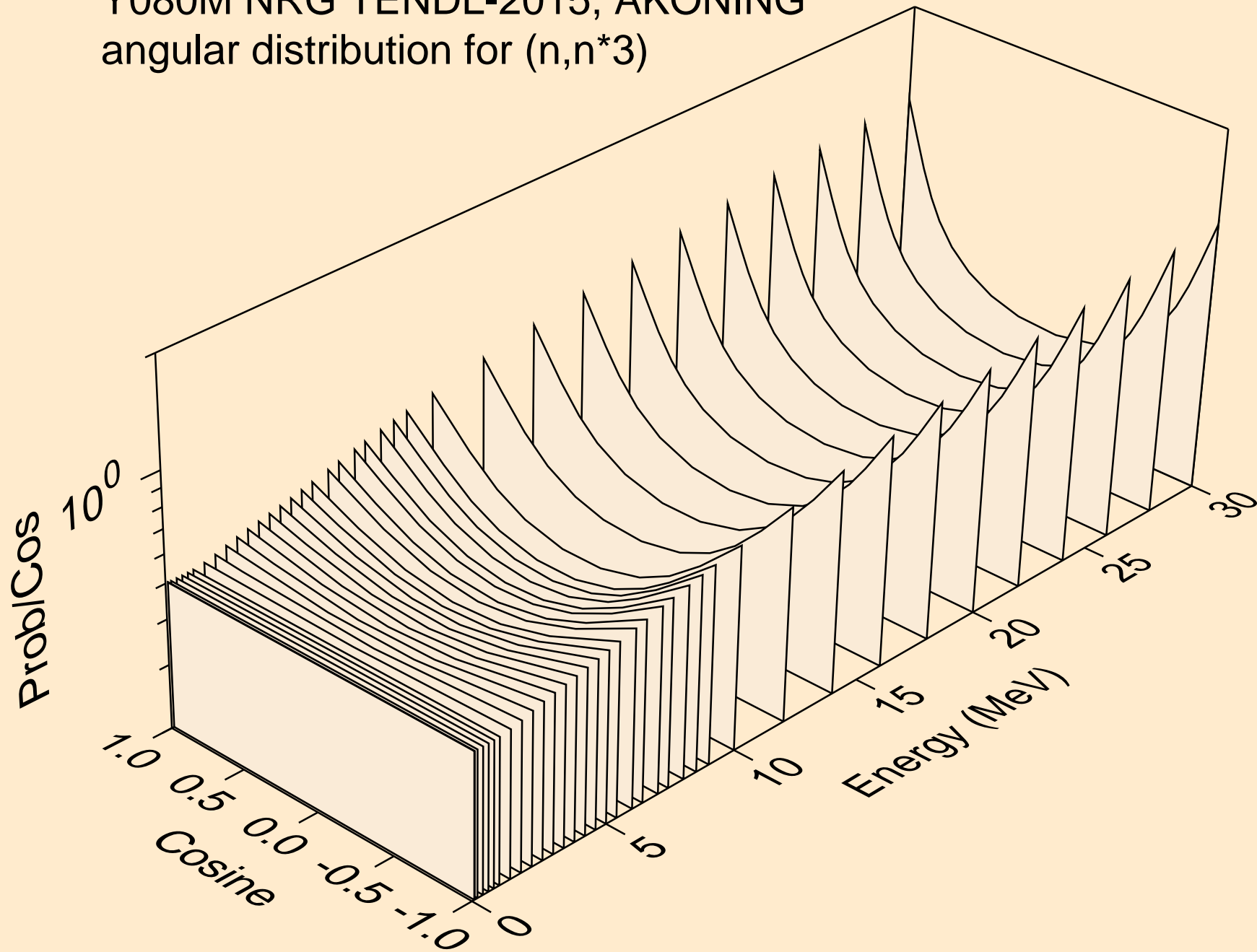
Y080M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



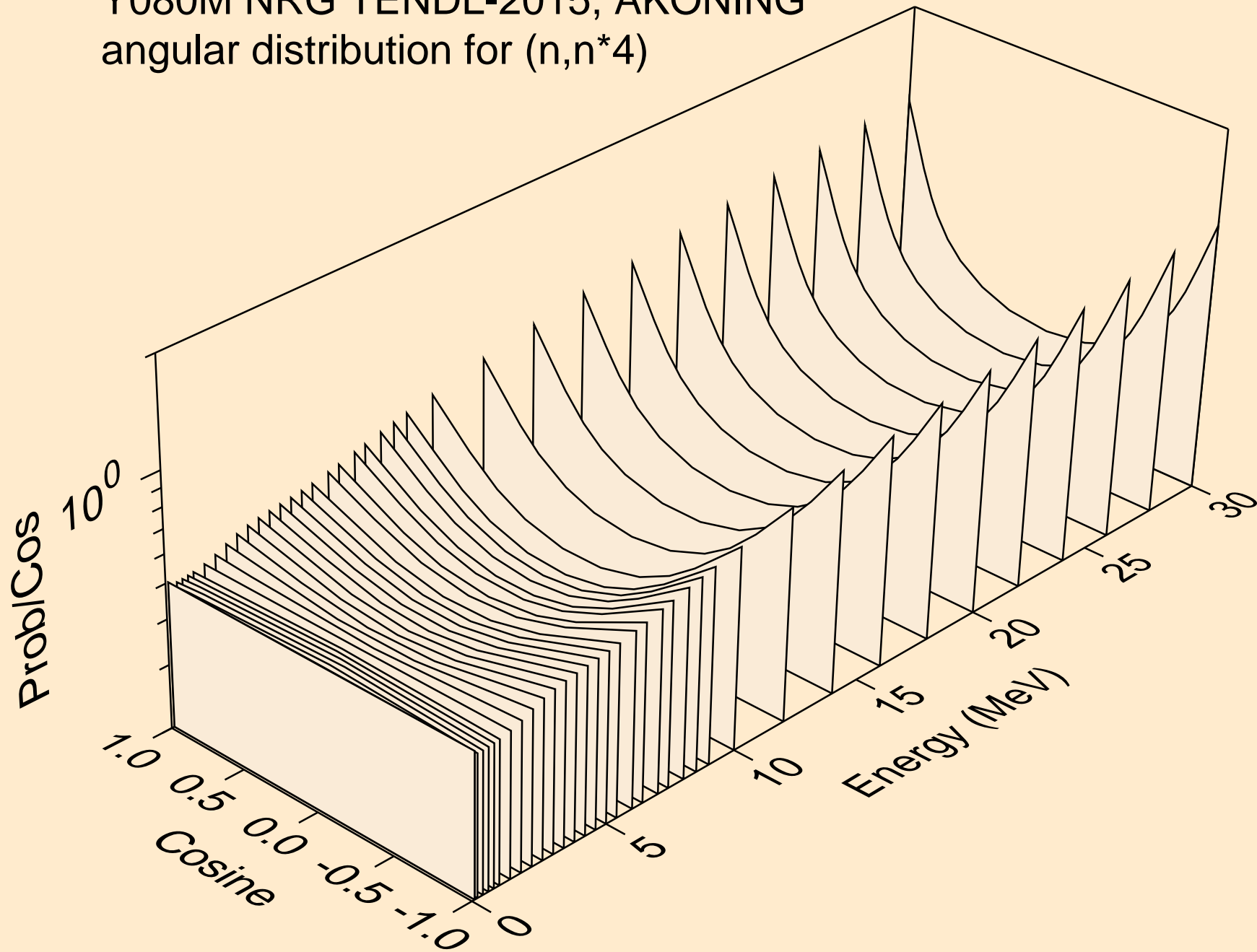
Y080M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



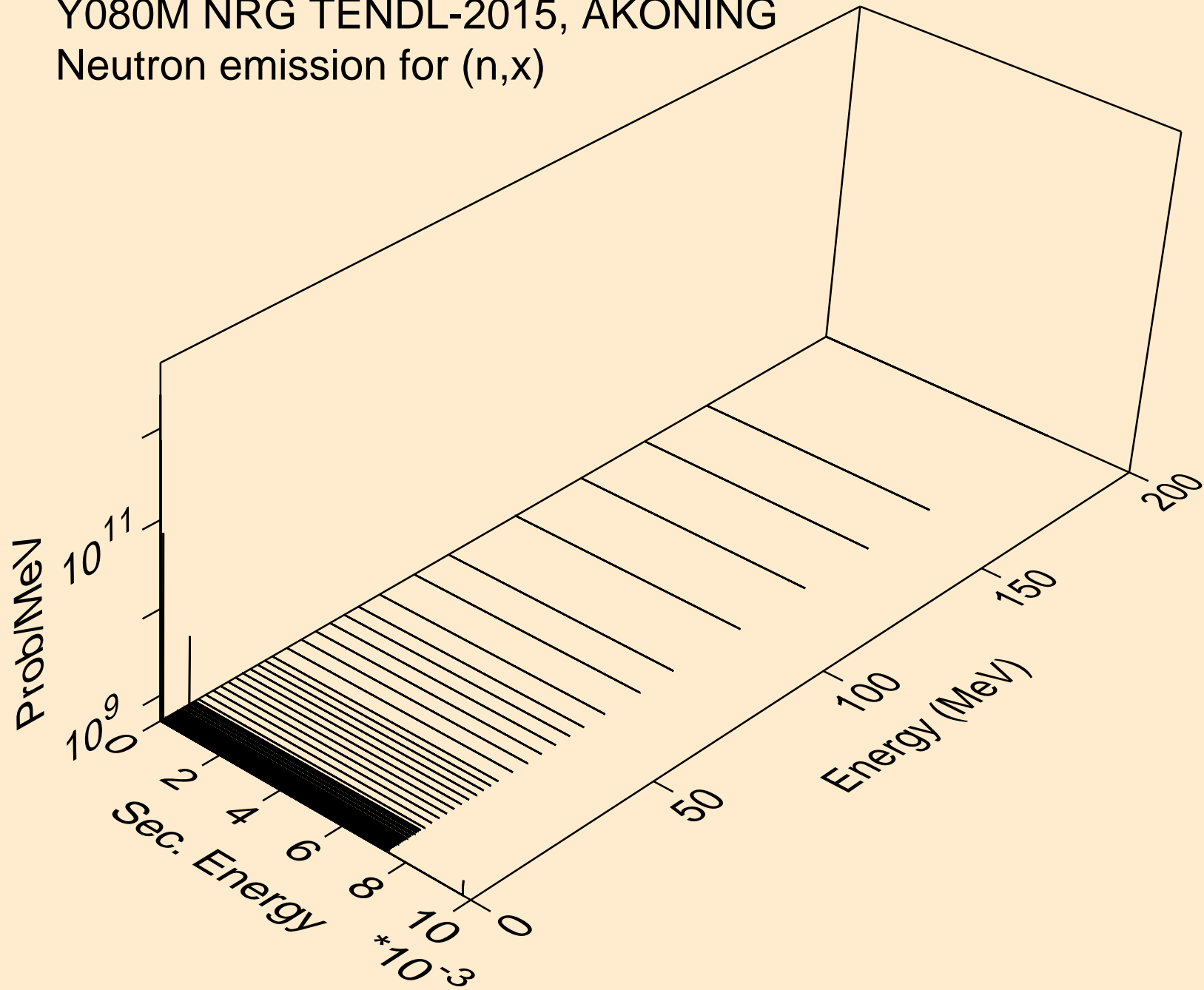
Y080M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



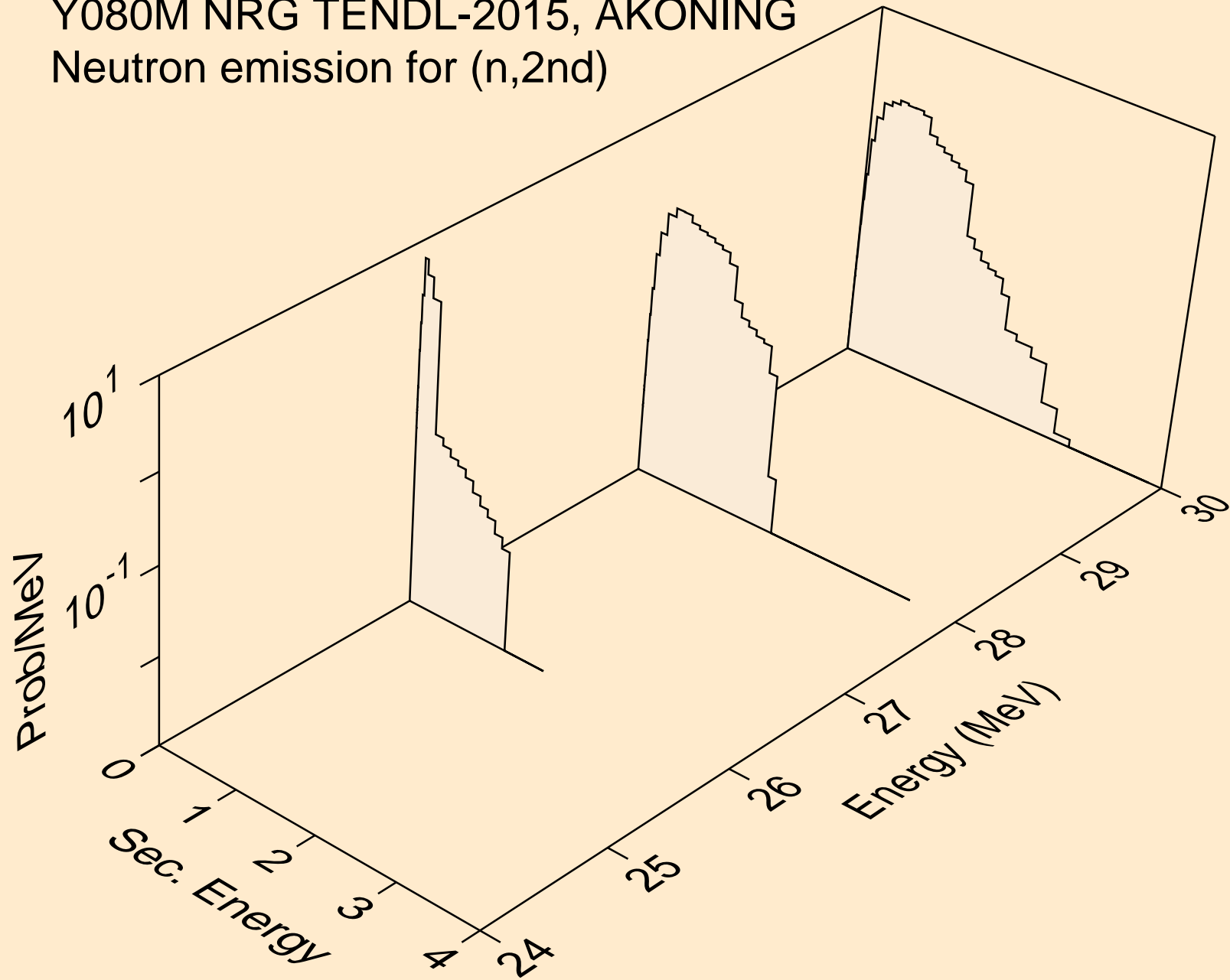
Y080M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

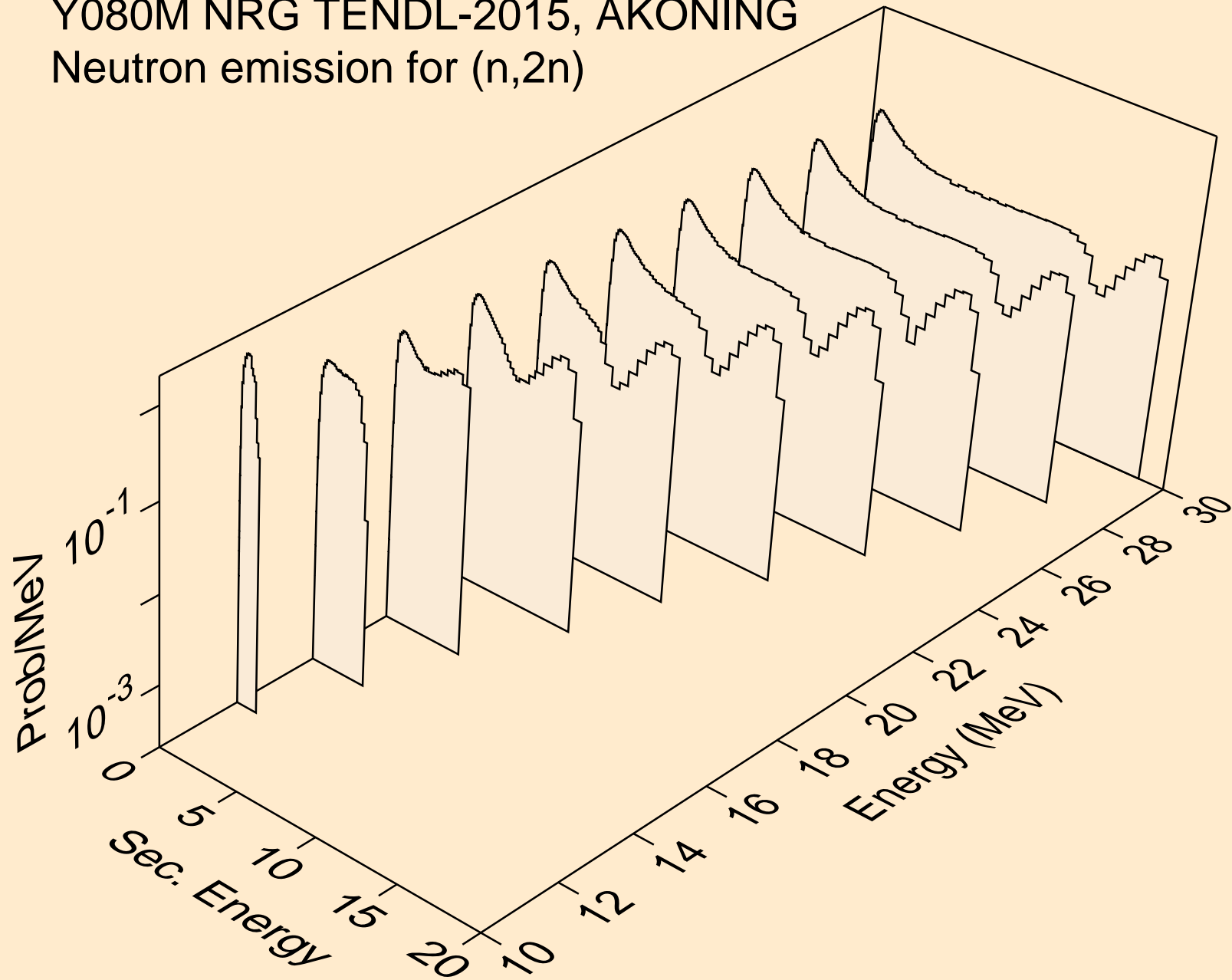


Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

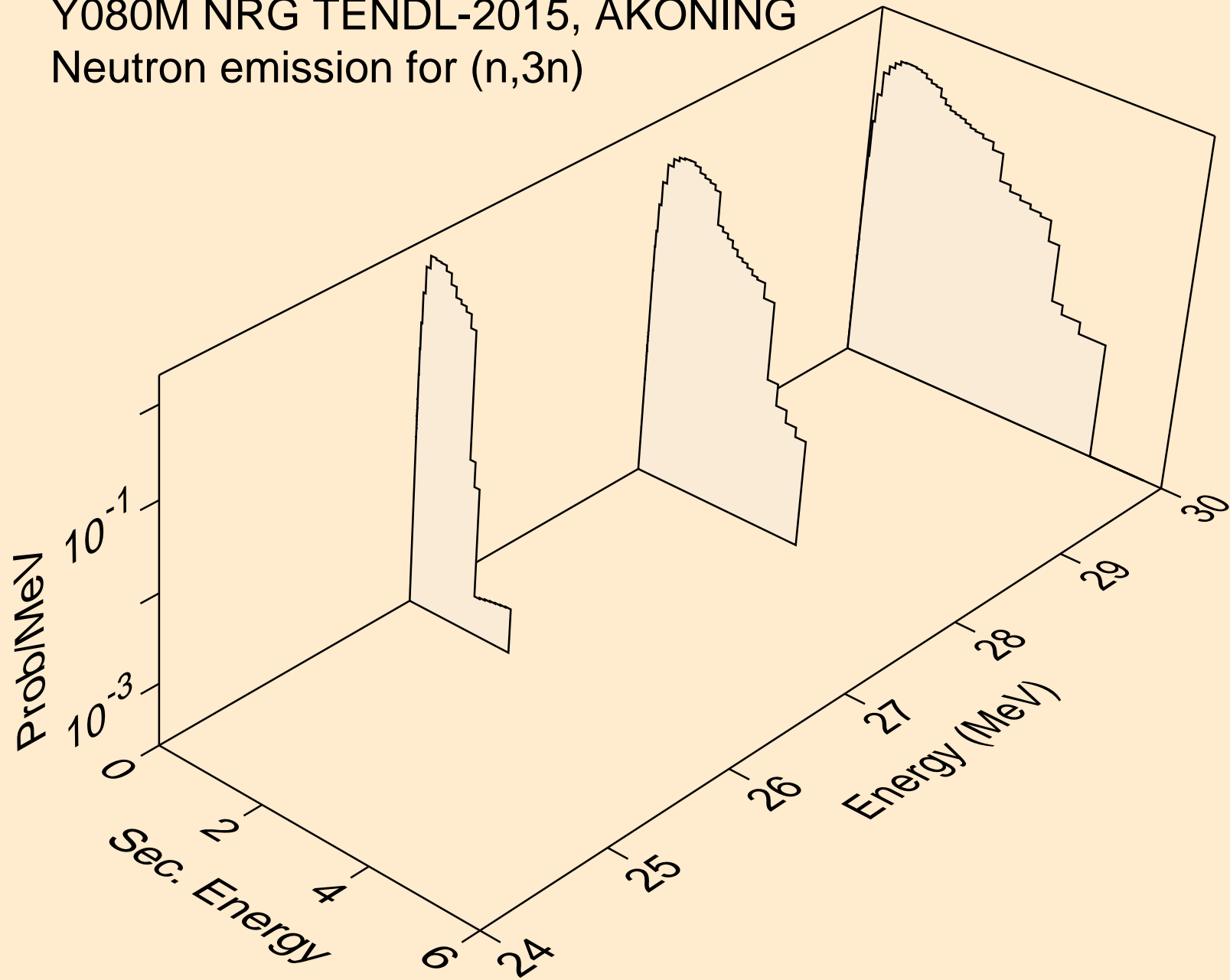




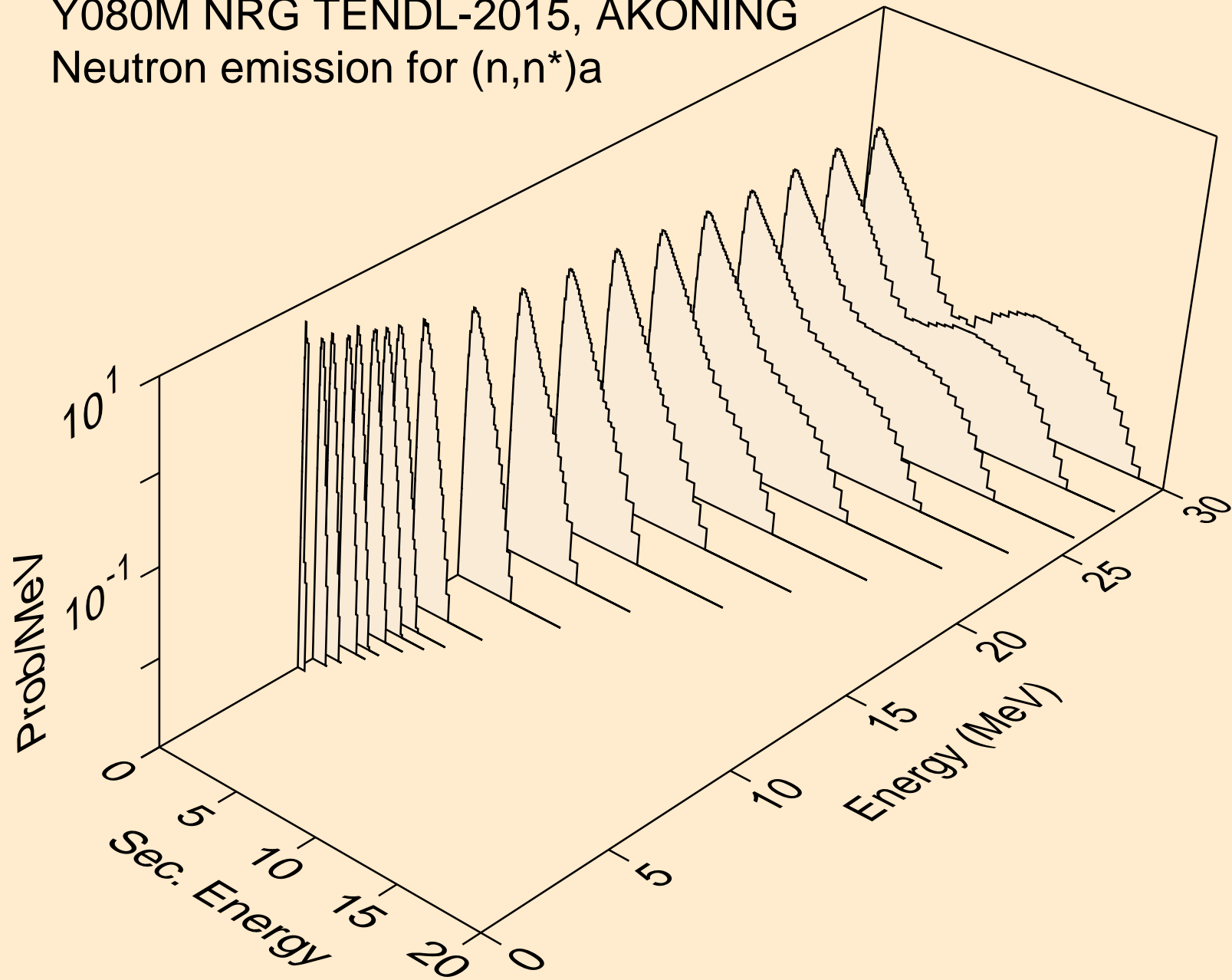
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



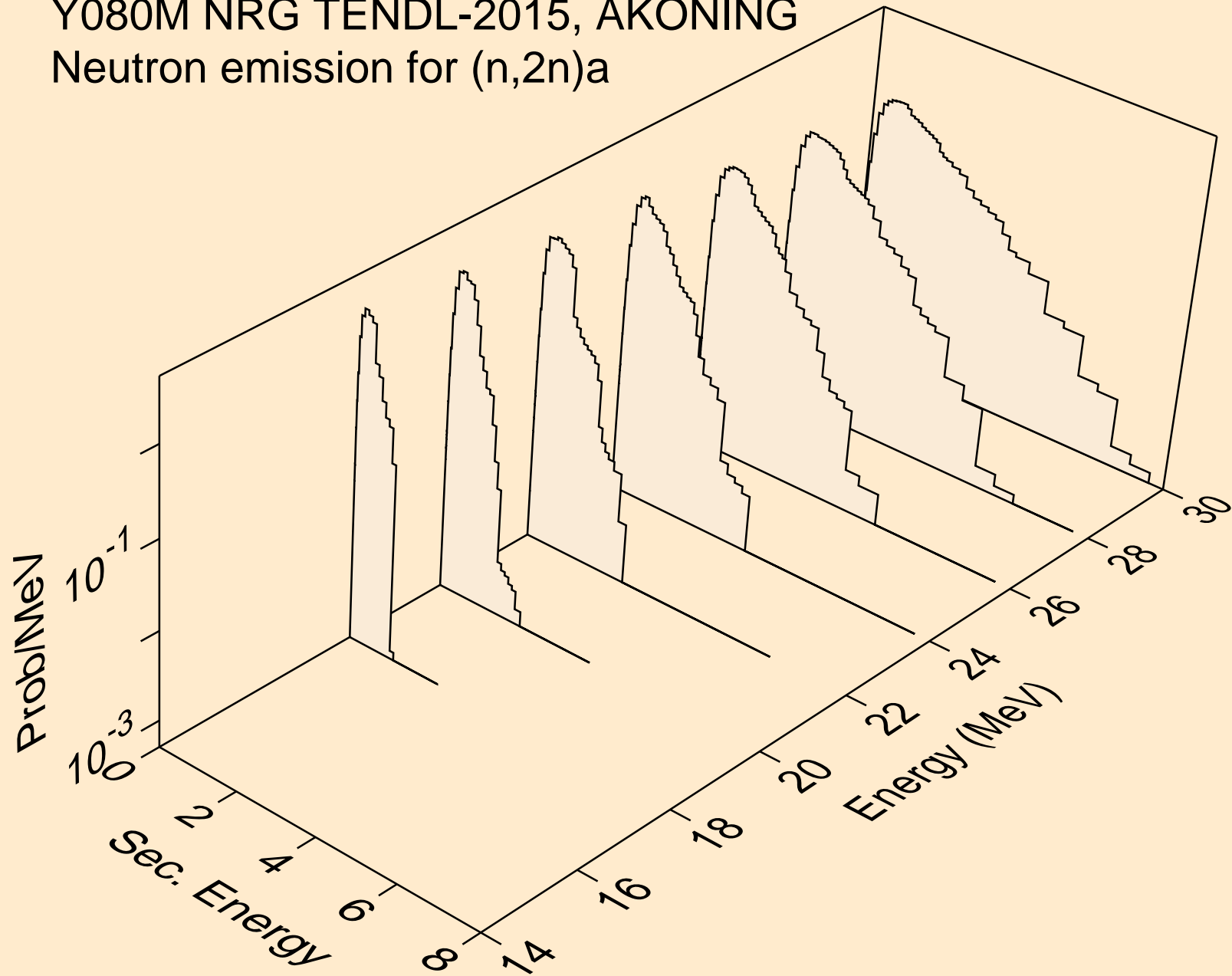
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Neutron emission for (n,3n)



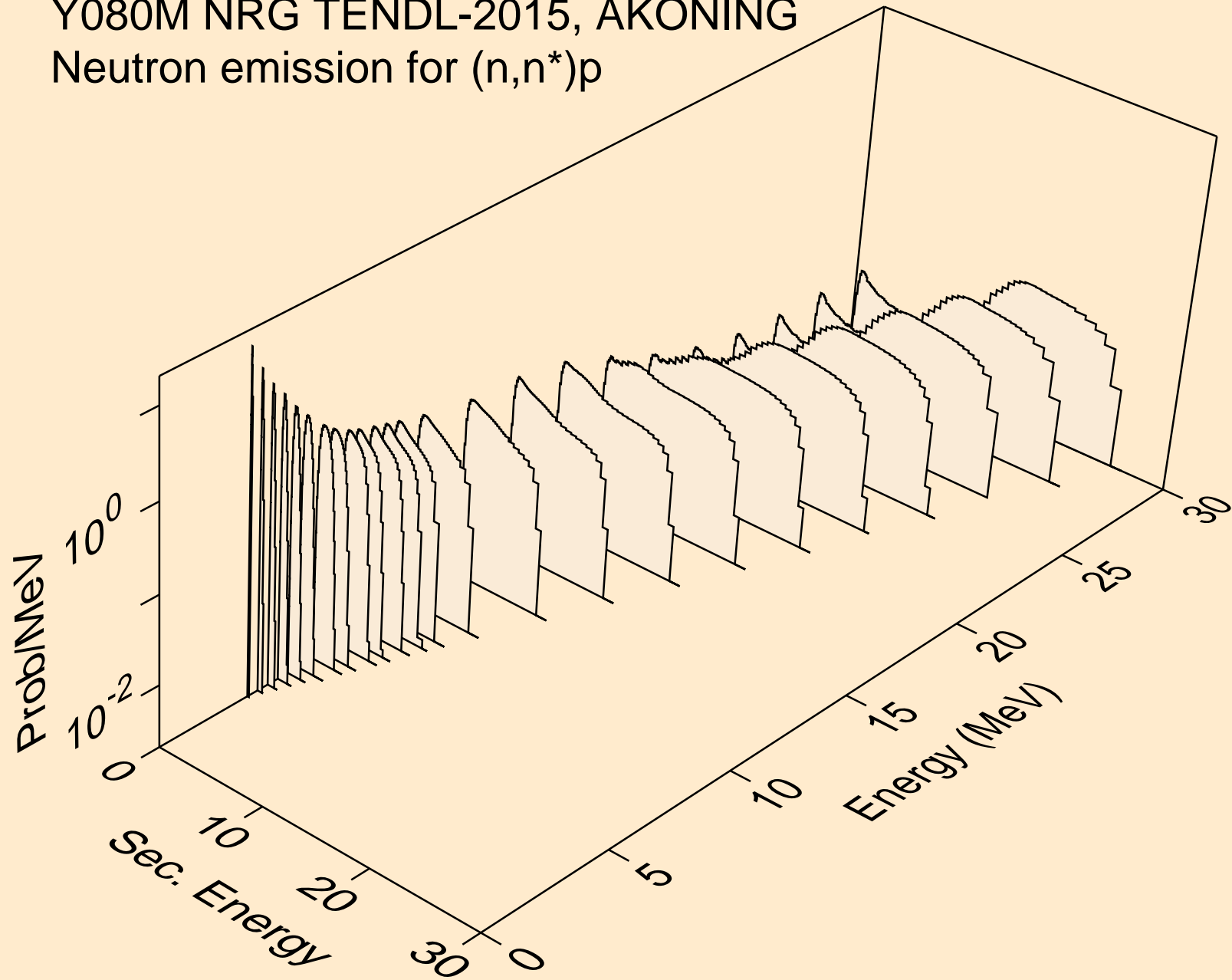
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



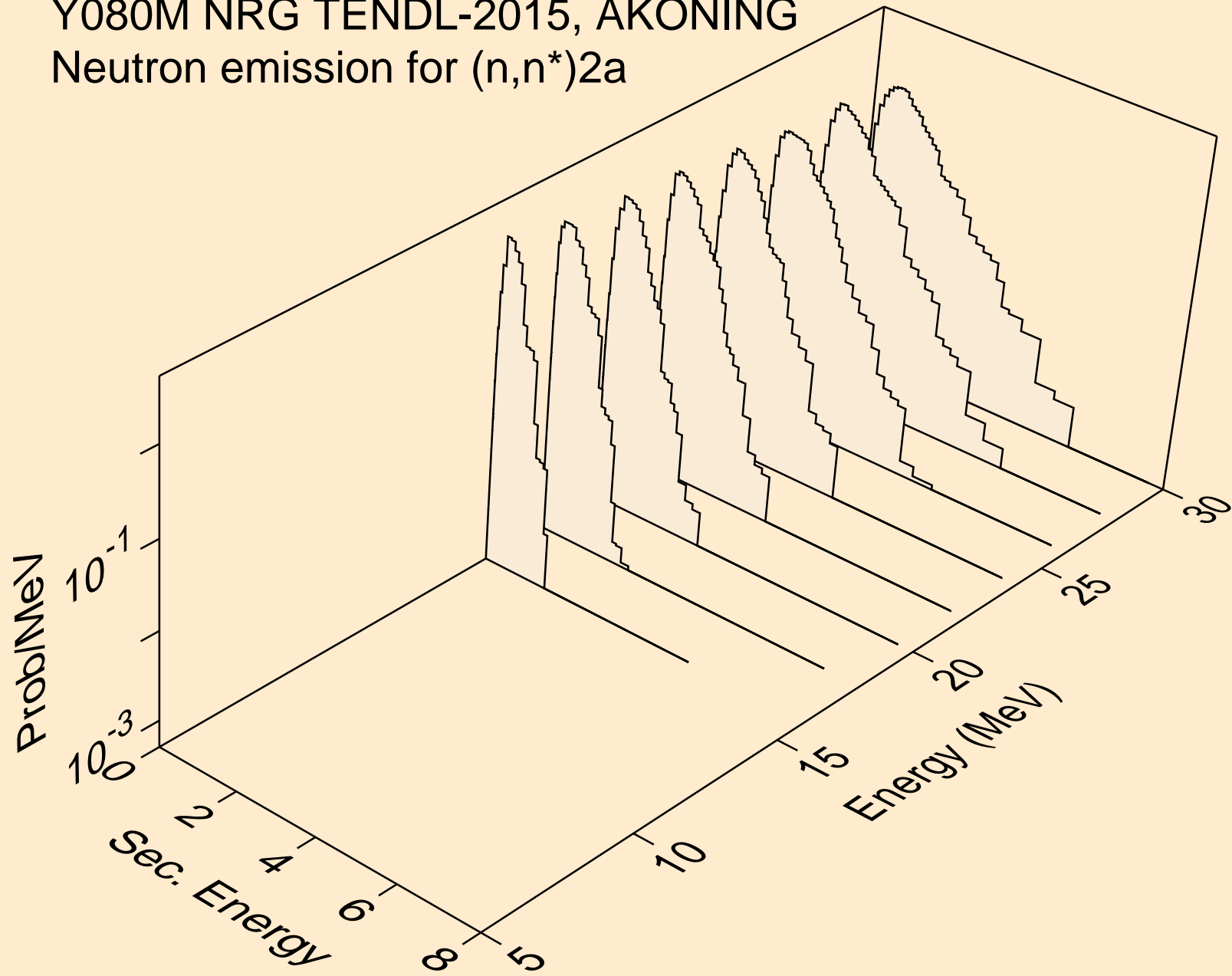
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



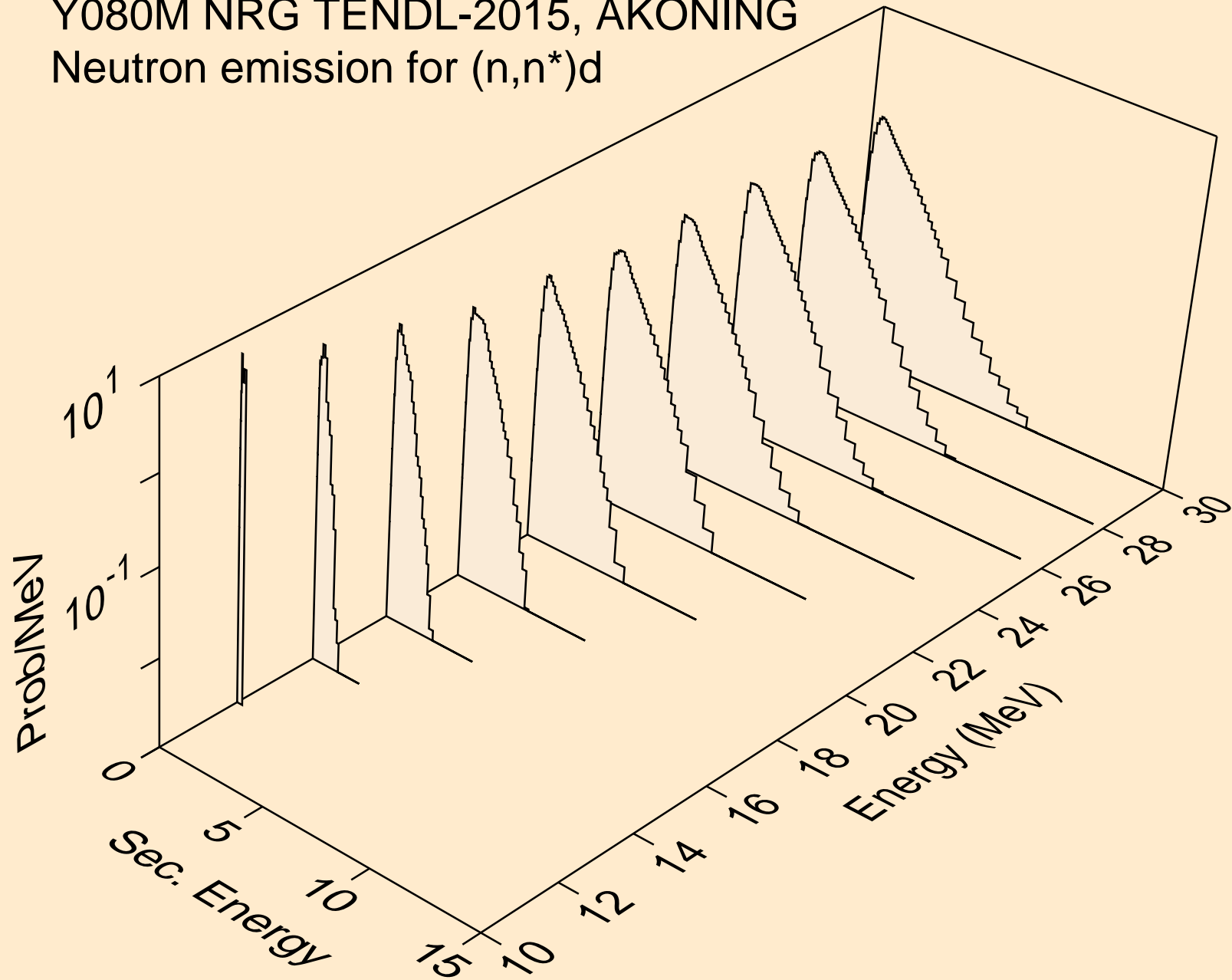
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



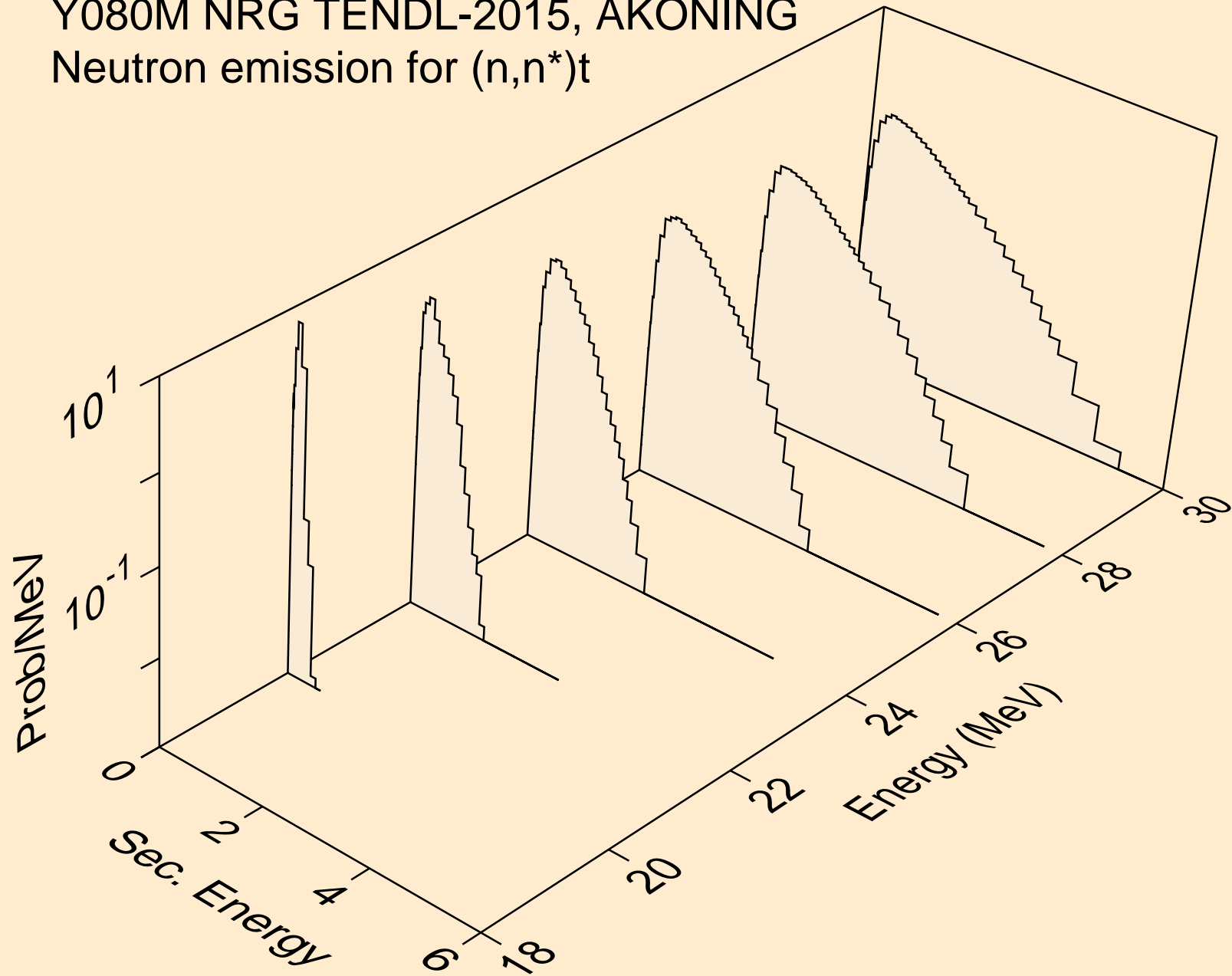
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

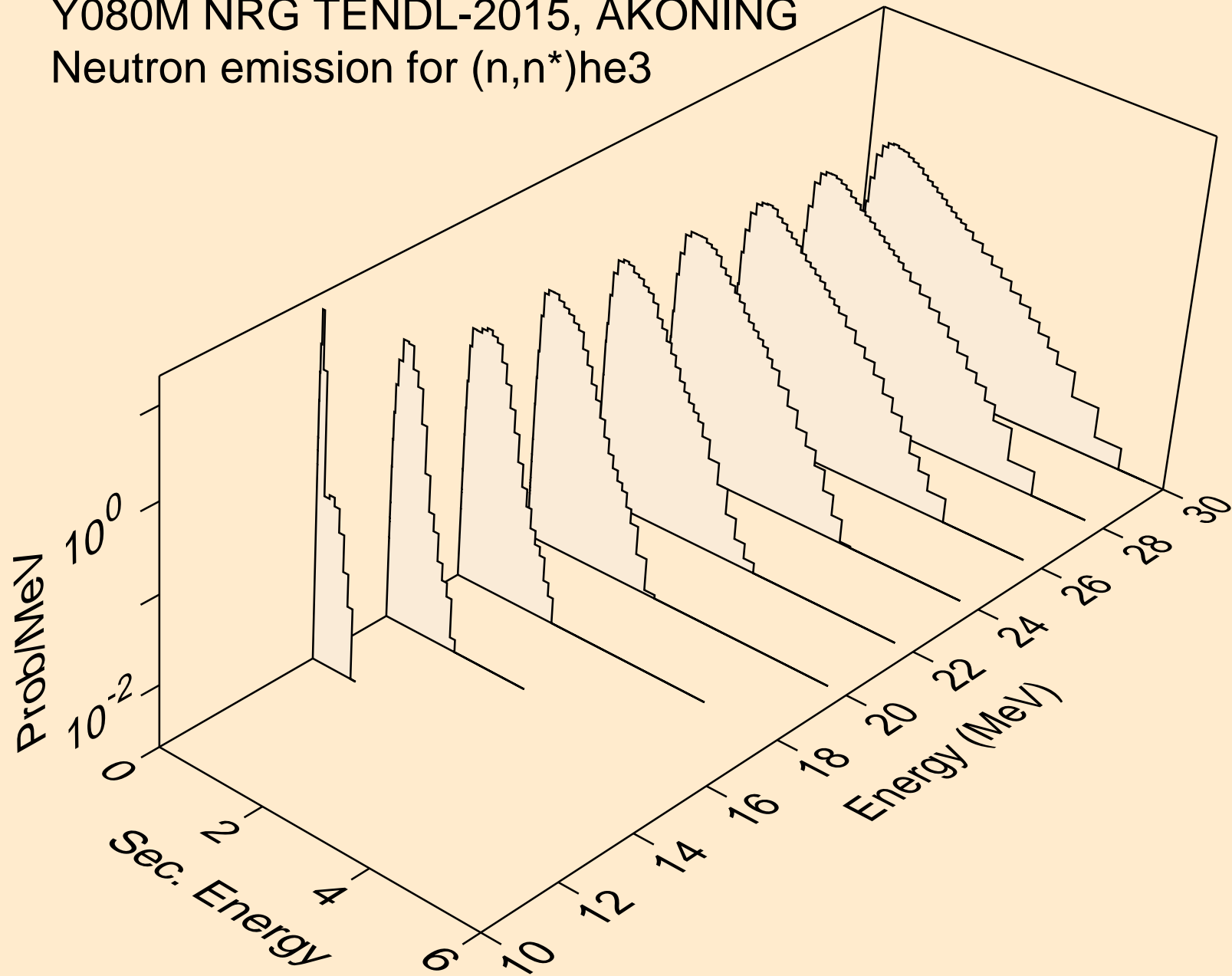


Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

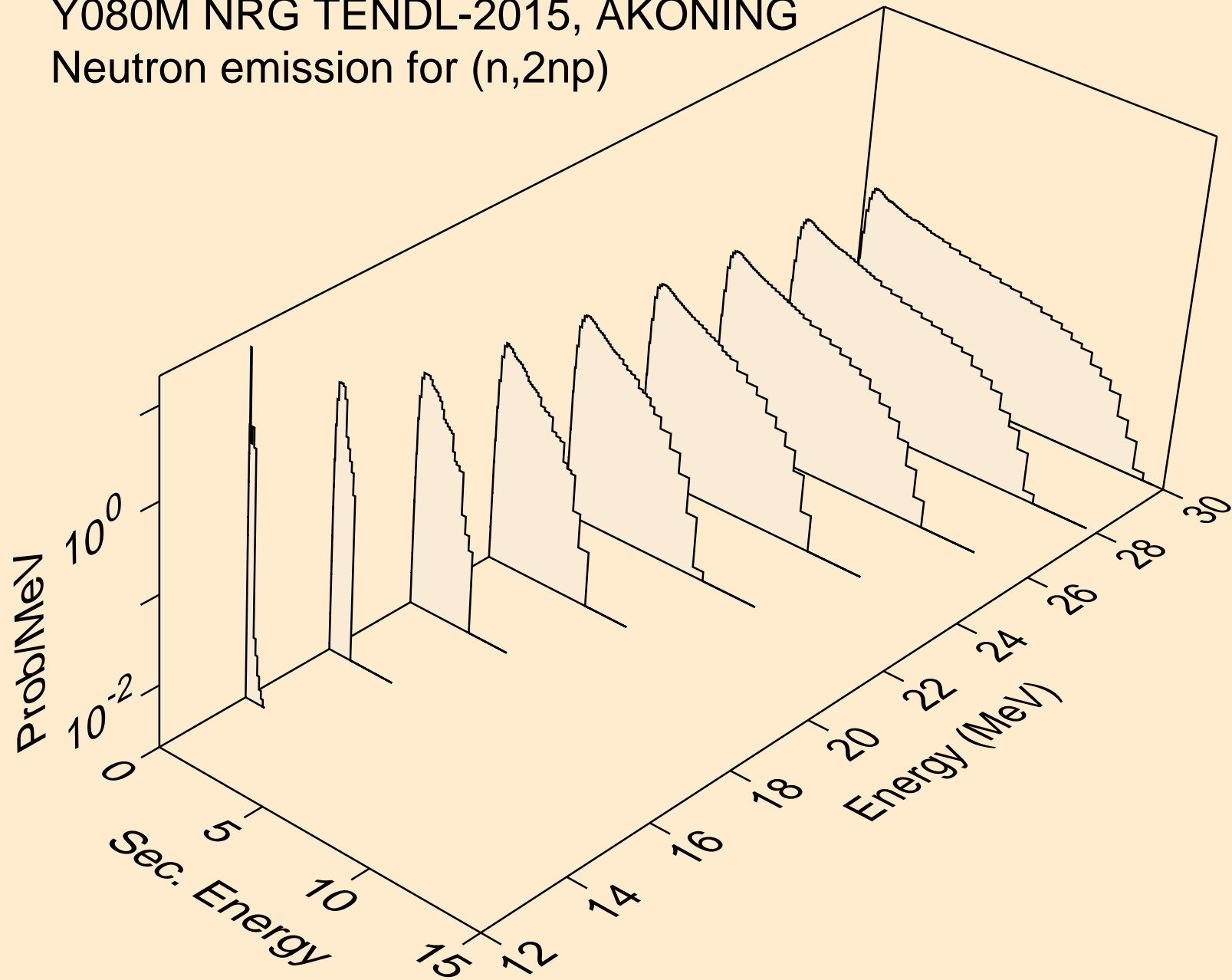




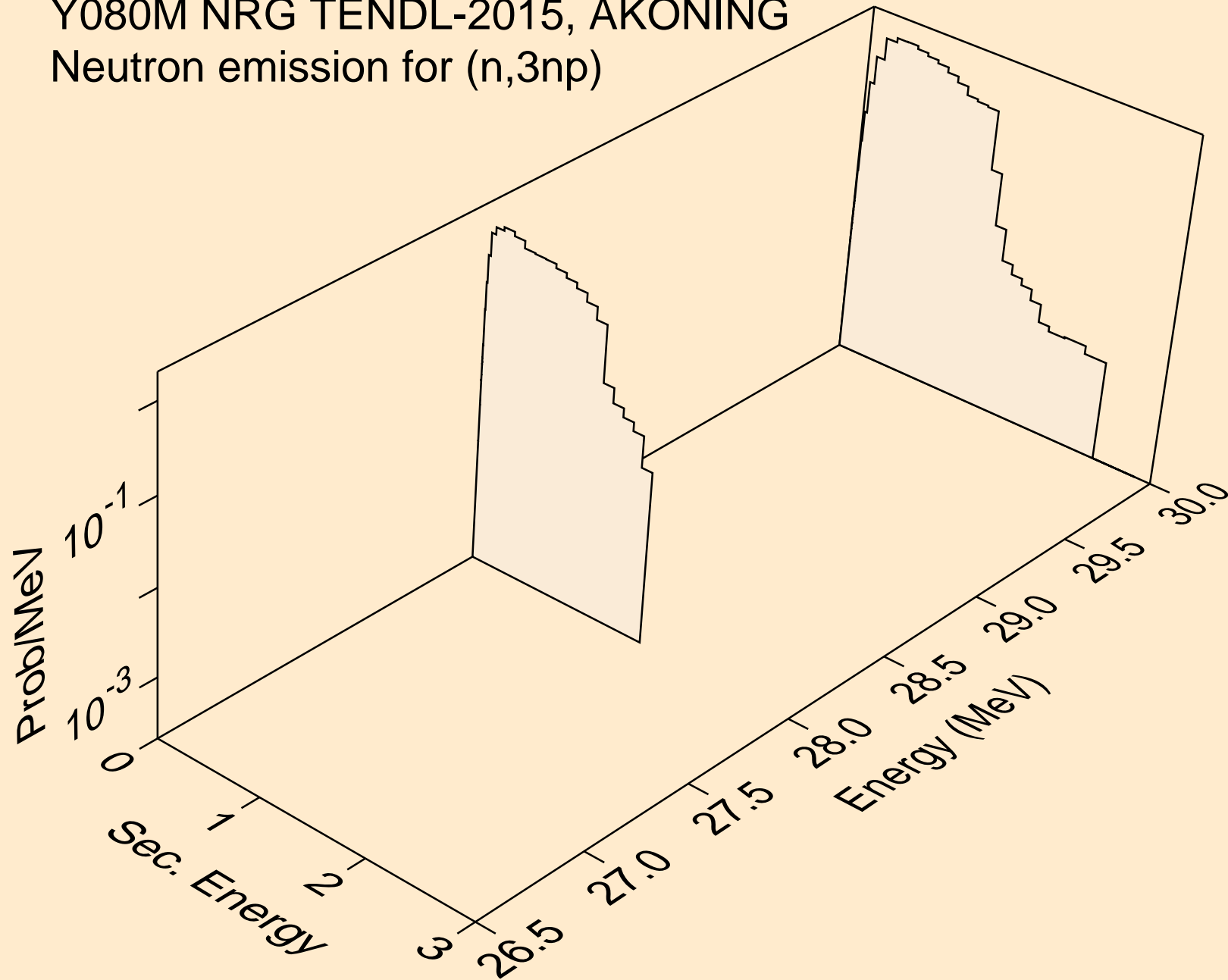
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Neutron emission for (n,n\*)he3



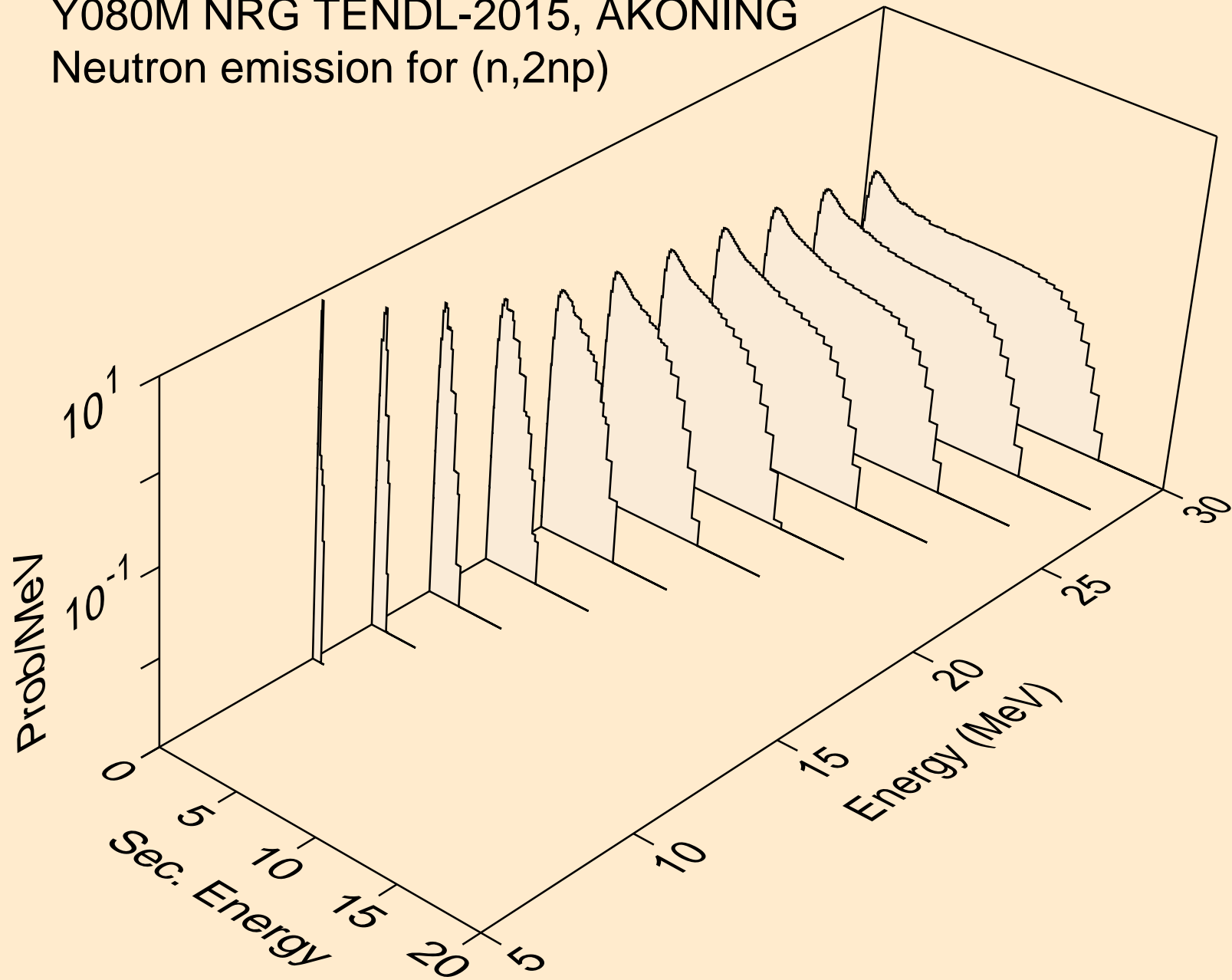
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Neutron emission for (n,2np)



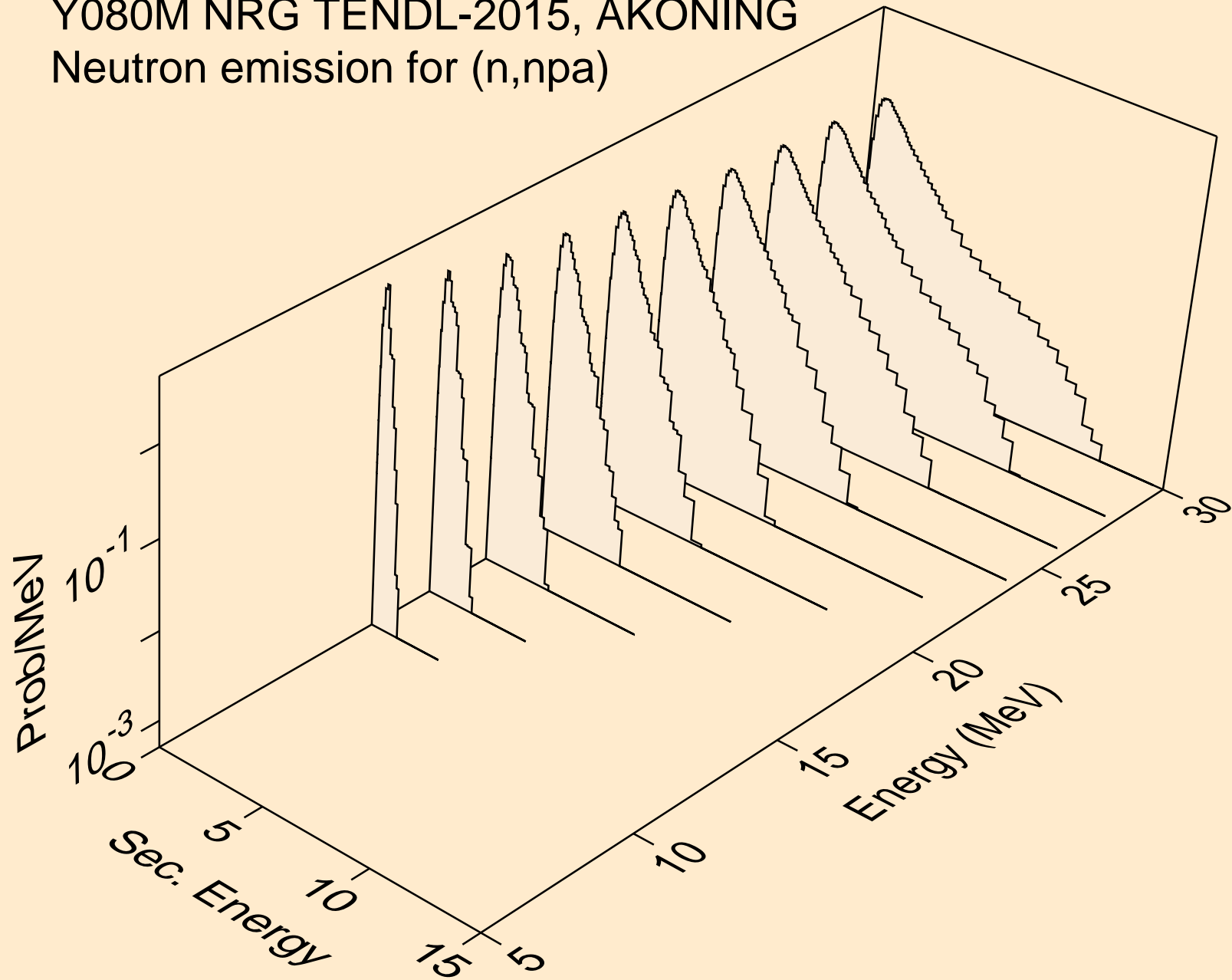
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Neutron emission for (n,3np)



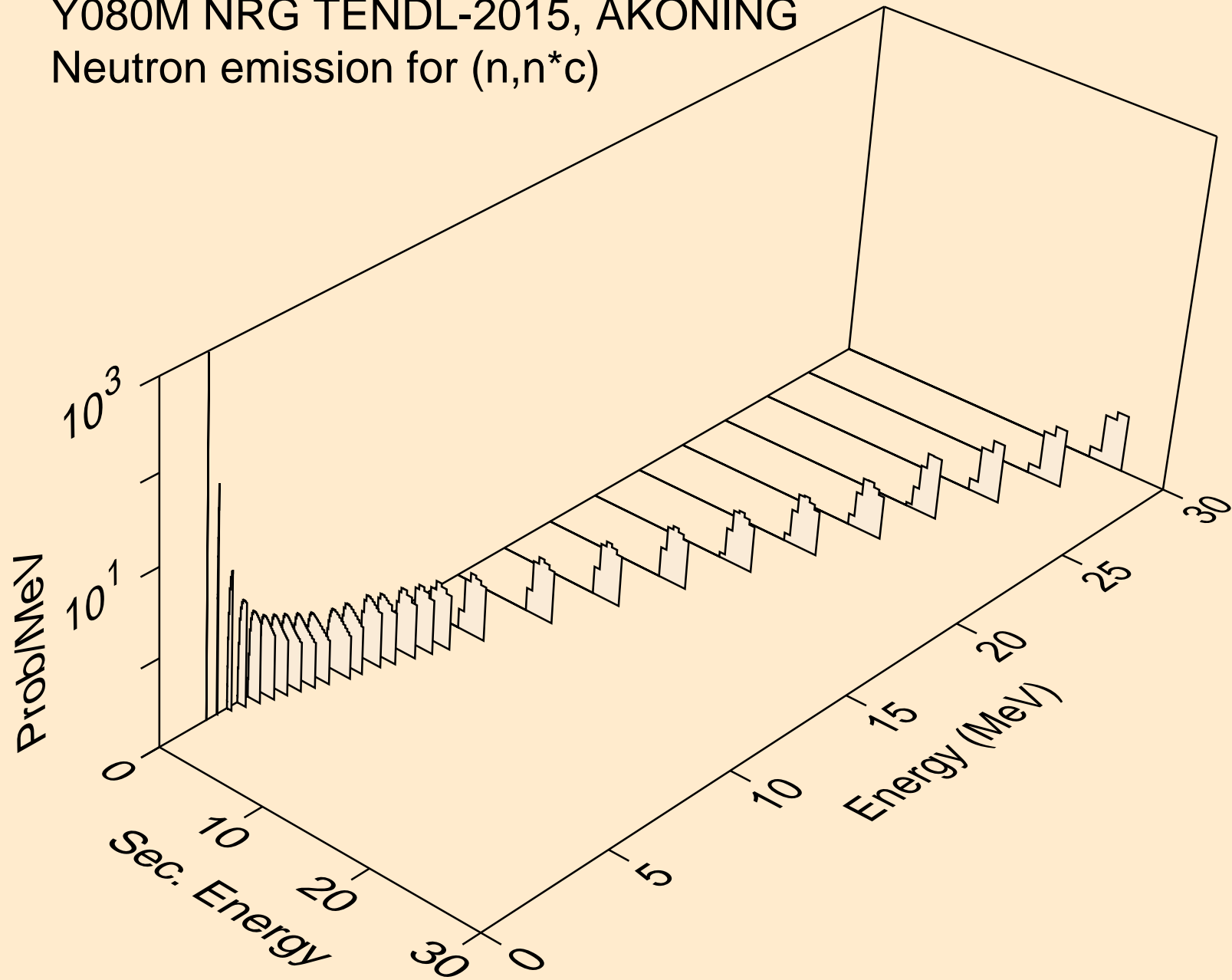
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Neutron emission for (n,2np)



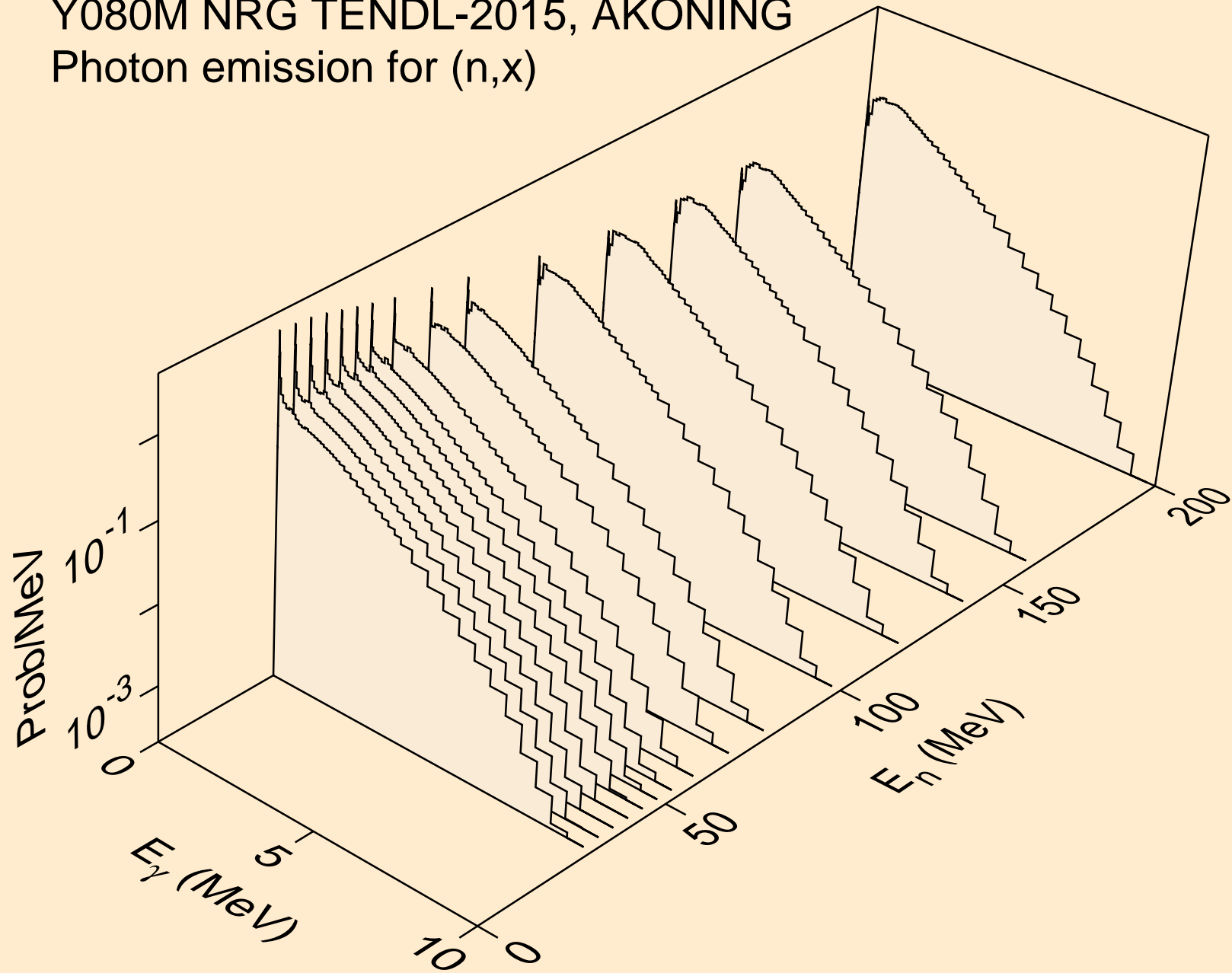
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Neutron emission for (n,npa)



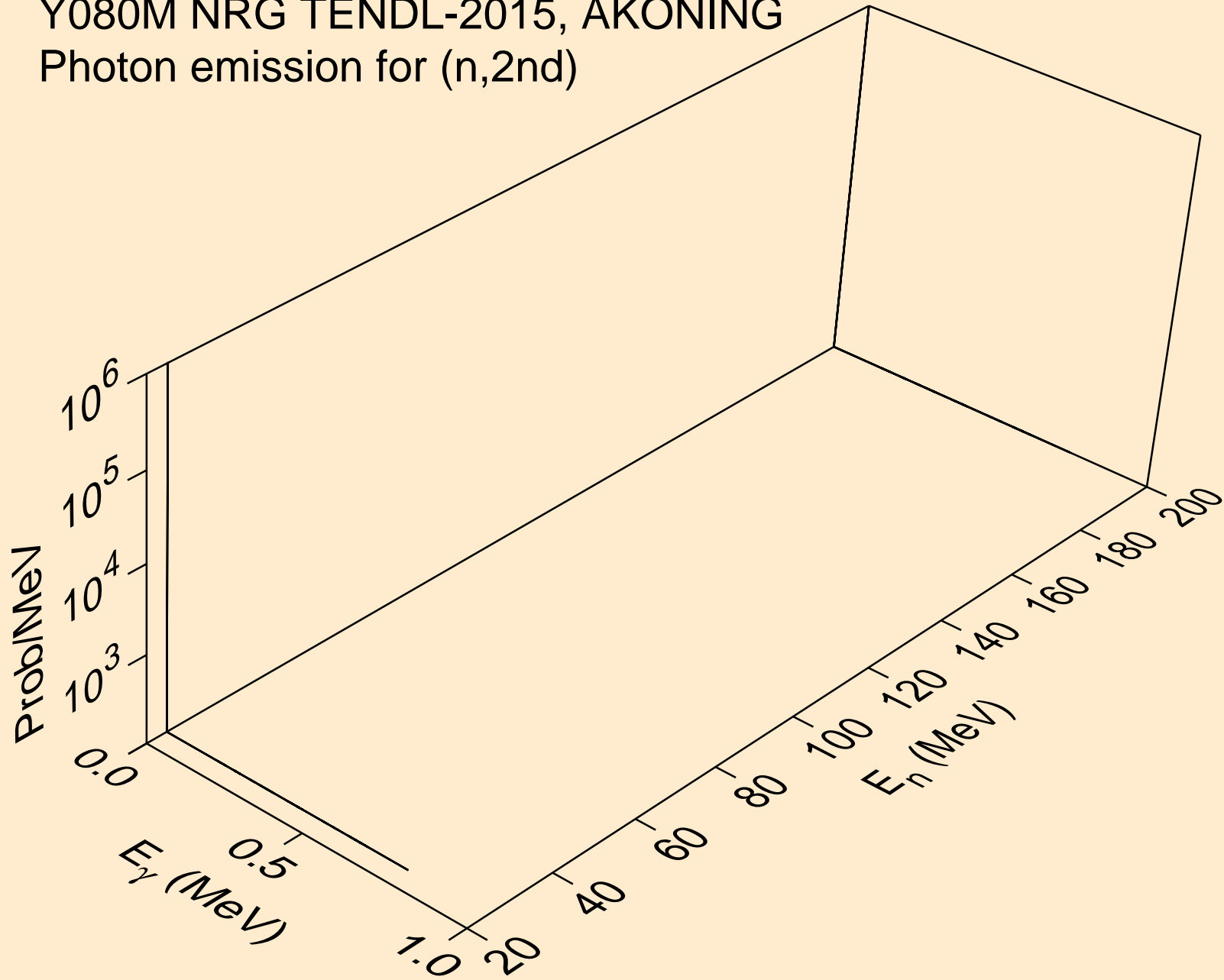
Y080M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

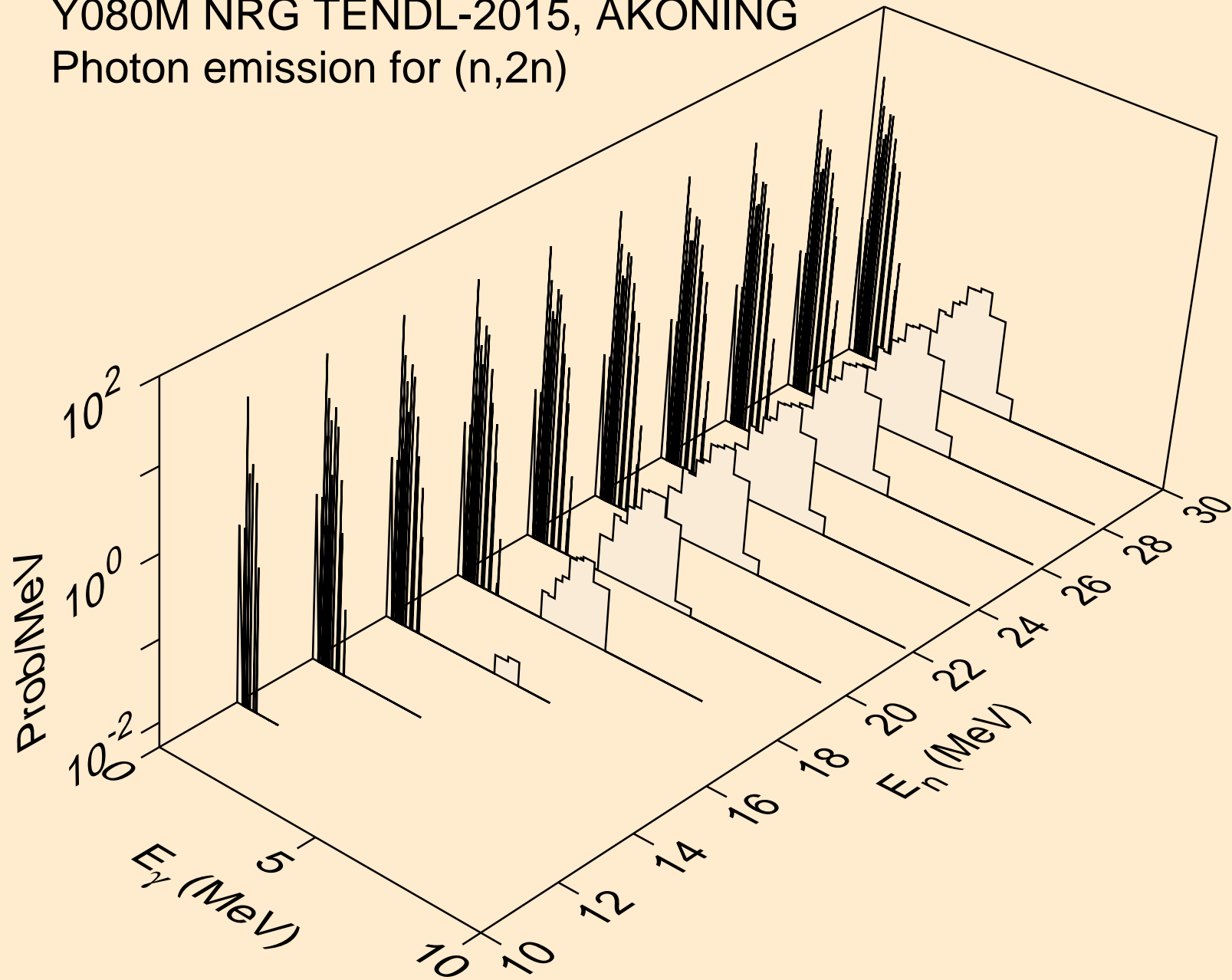


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Photon emission for (n,2nd)

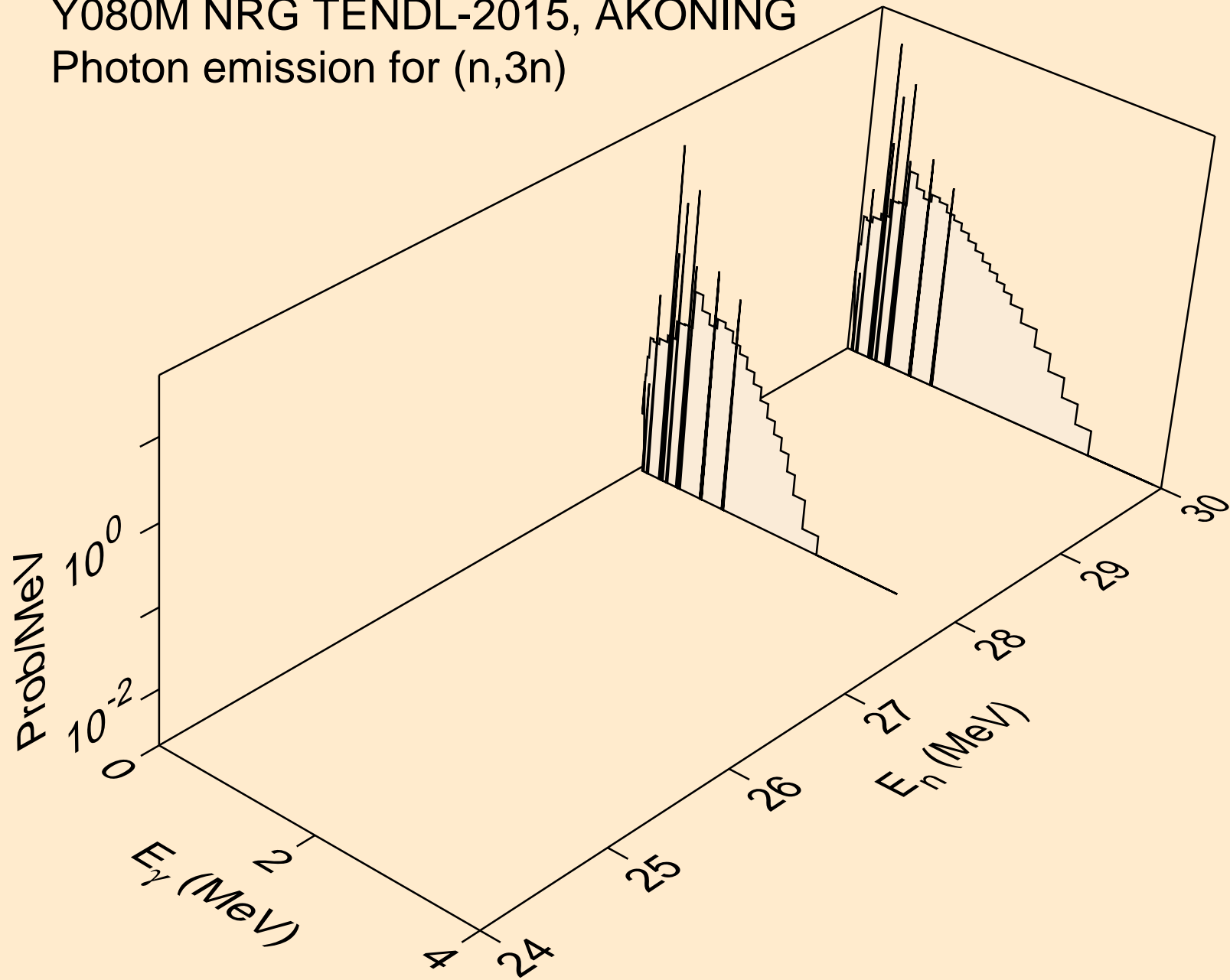




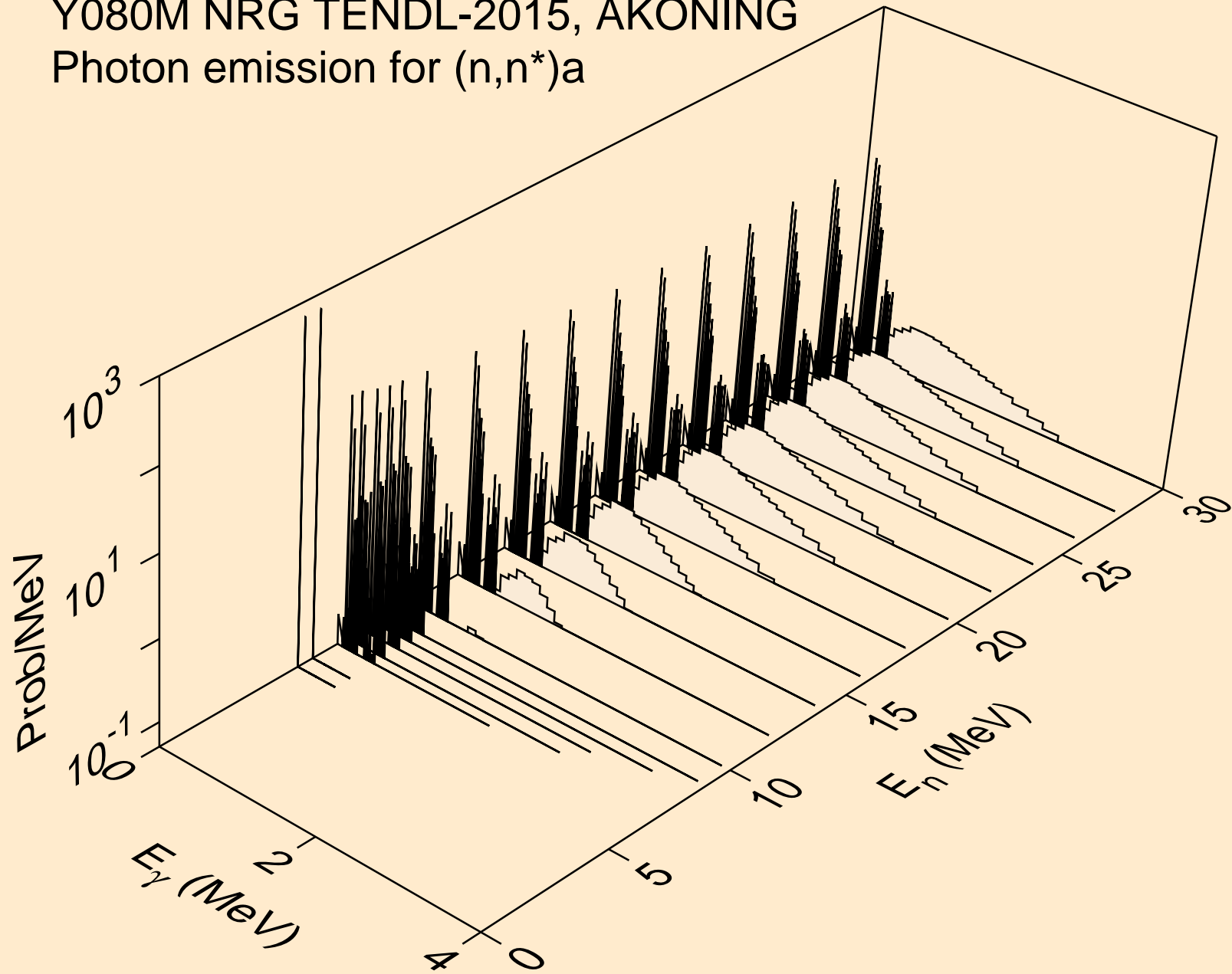
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Photon emission for (n,2n)



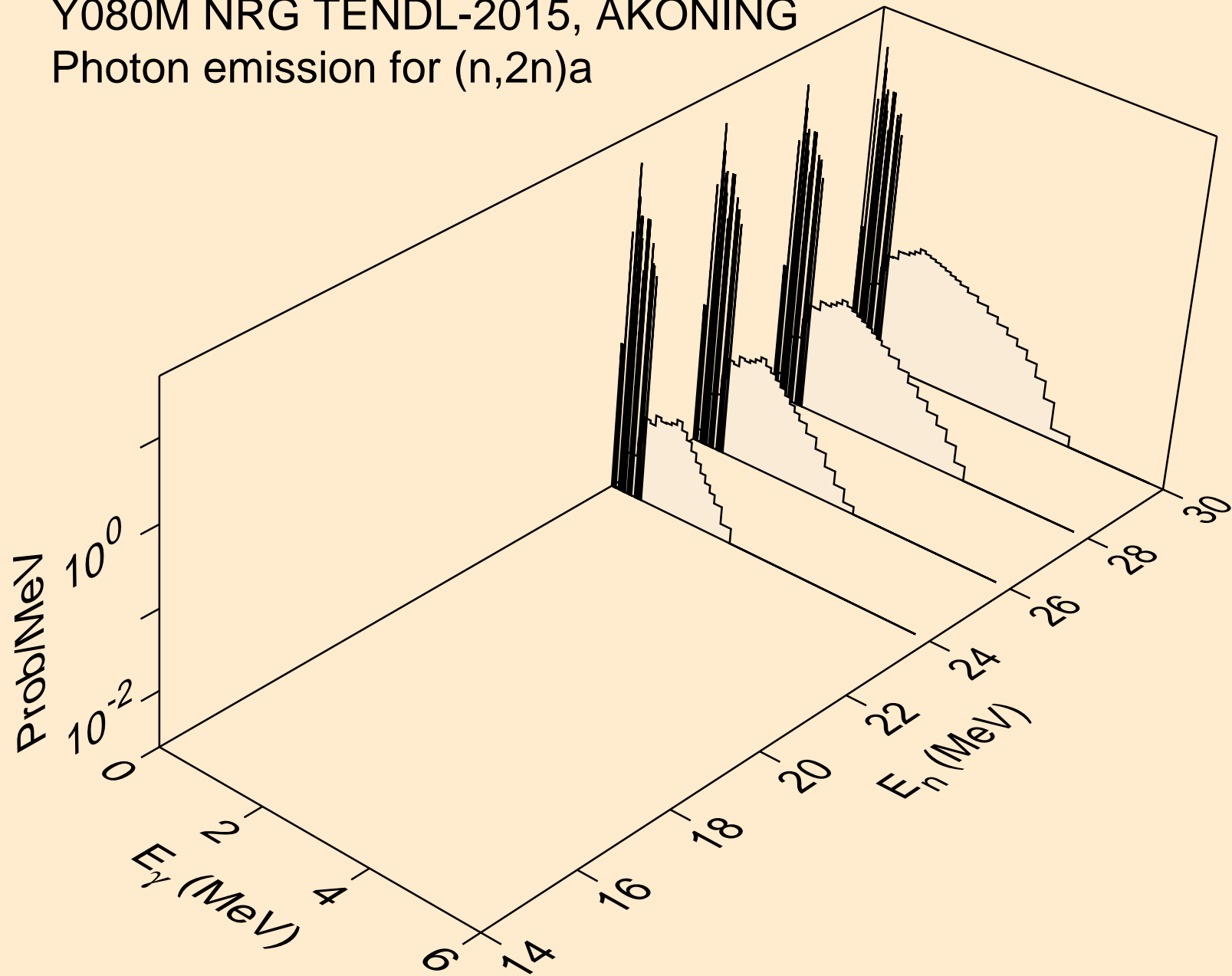
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Photon emission for (n,3n)



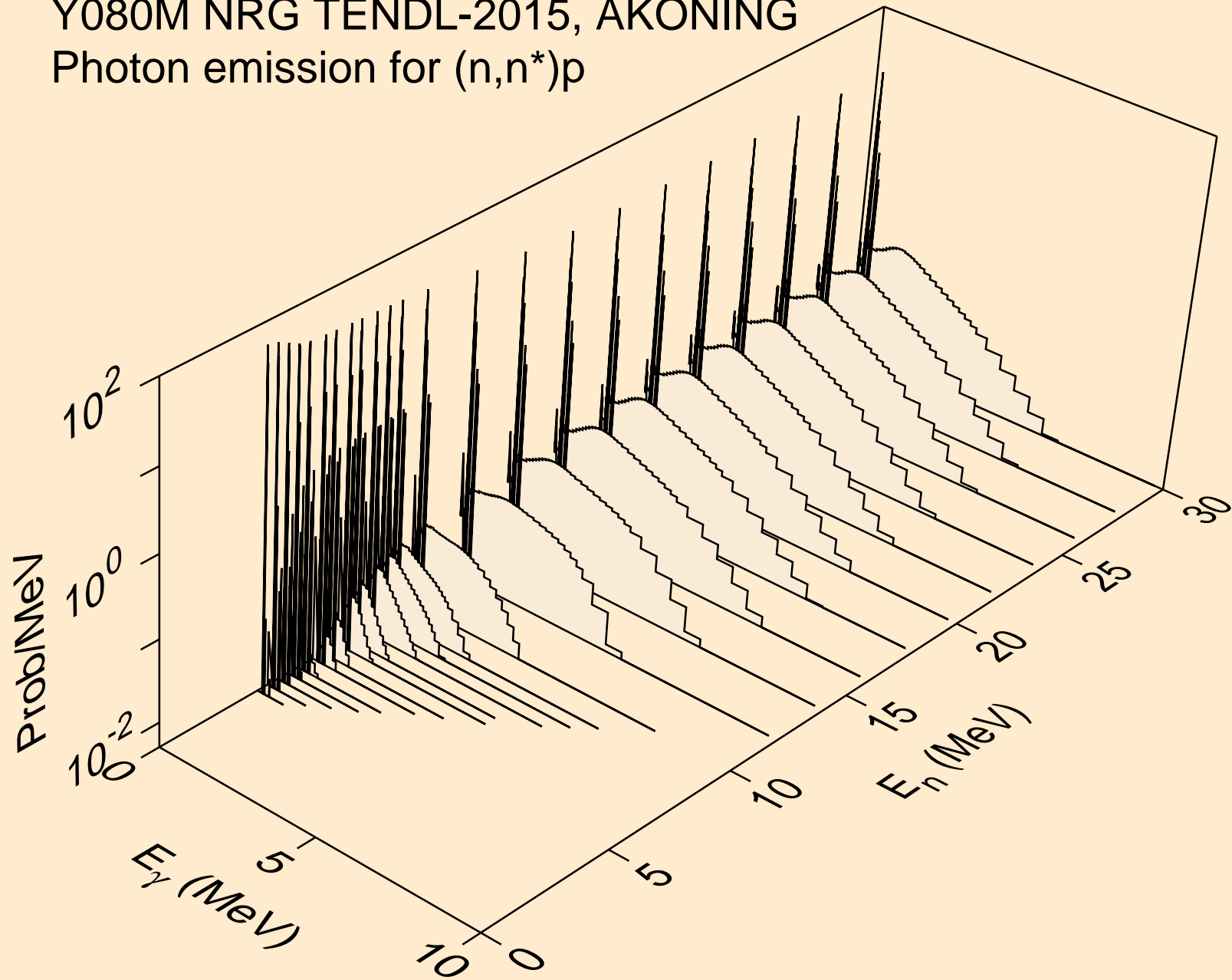
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



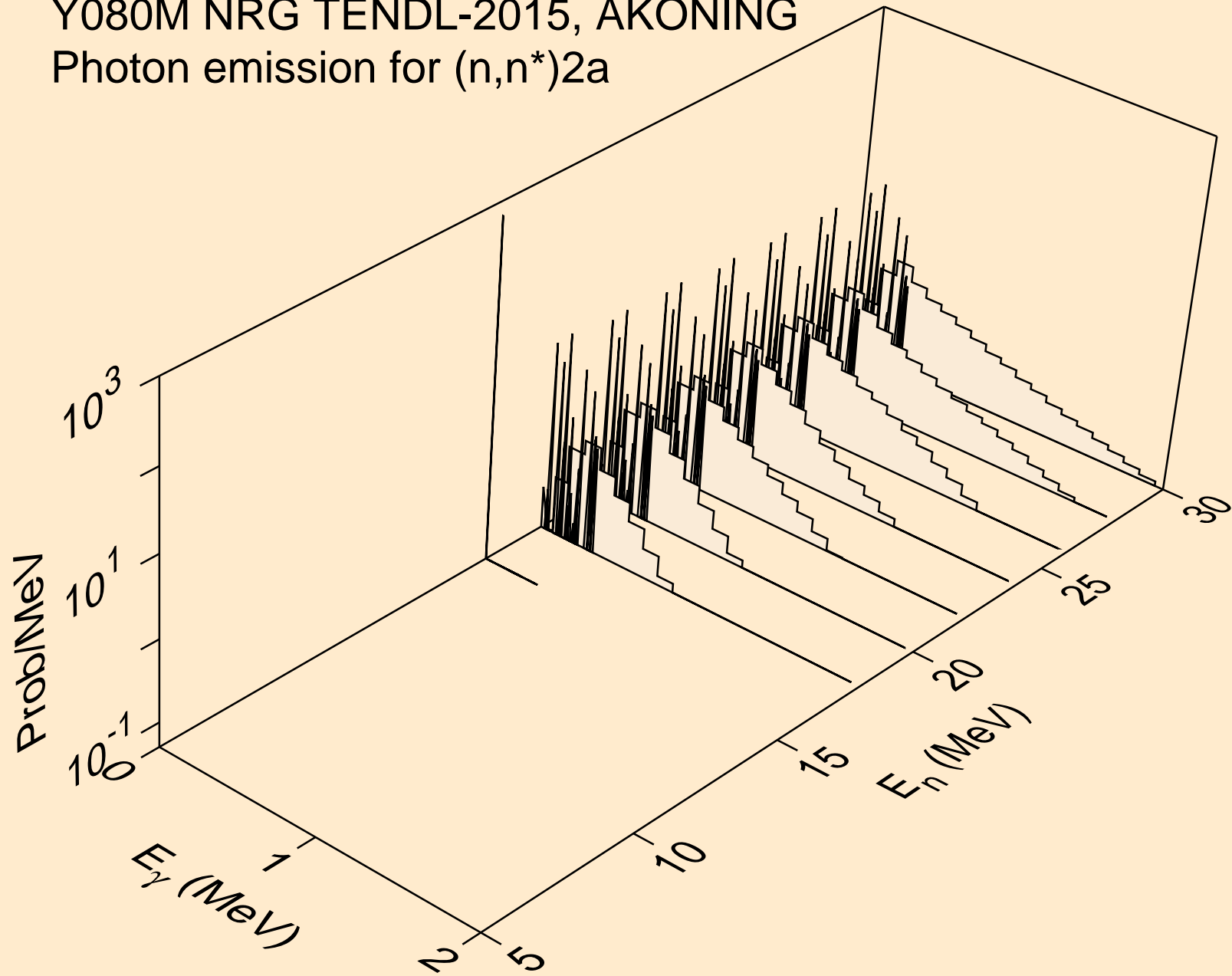
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Photon emission for (n,2n)a



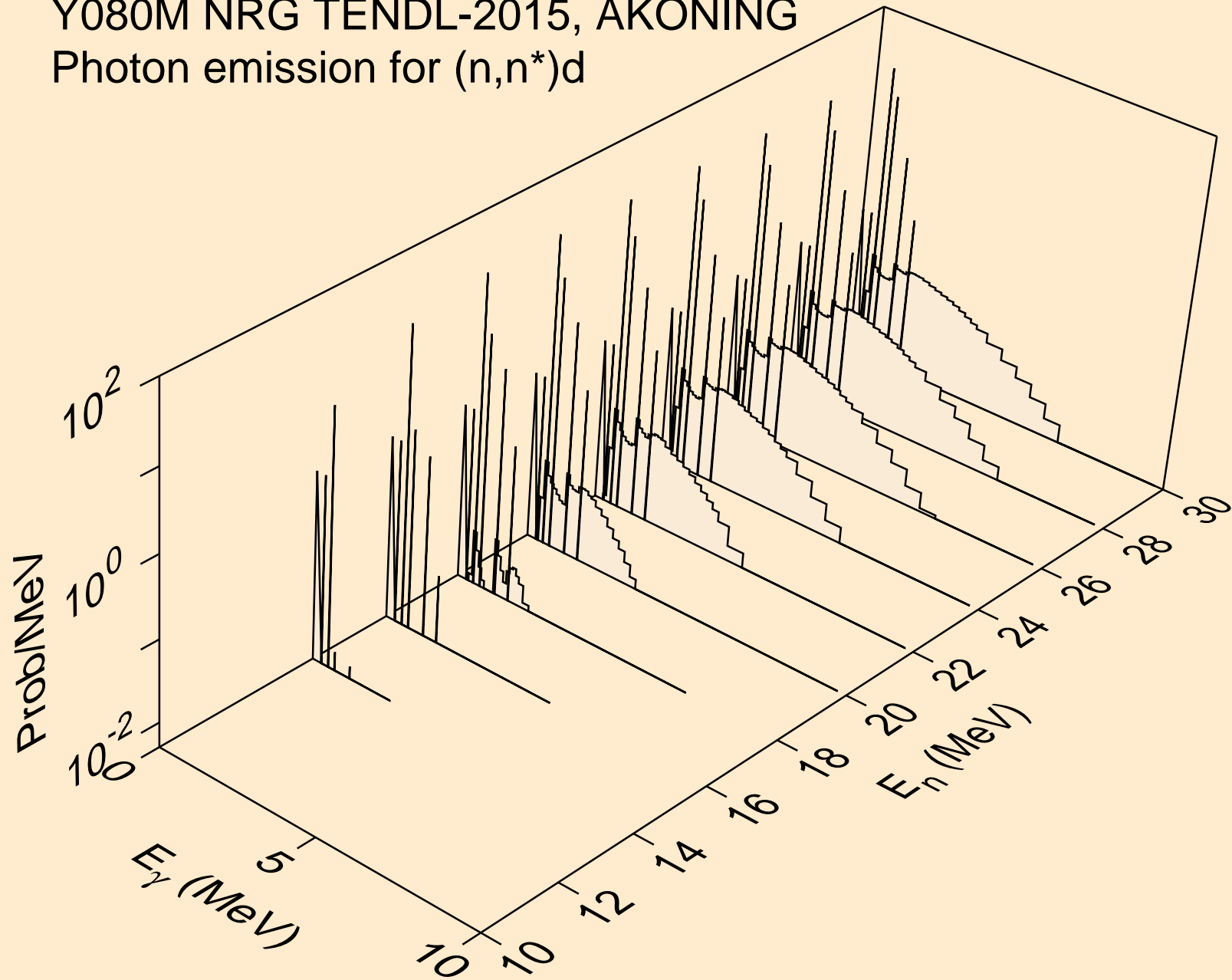
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



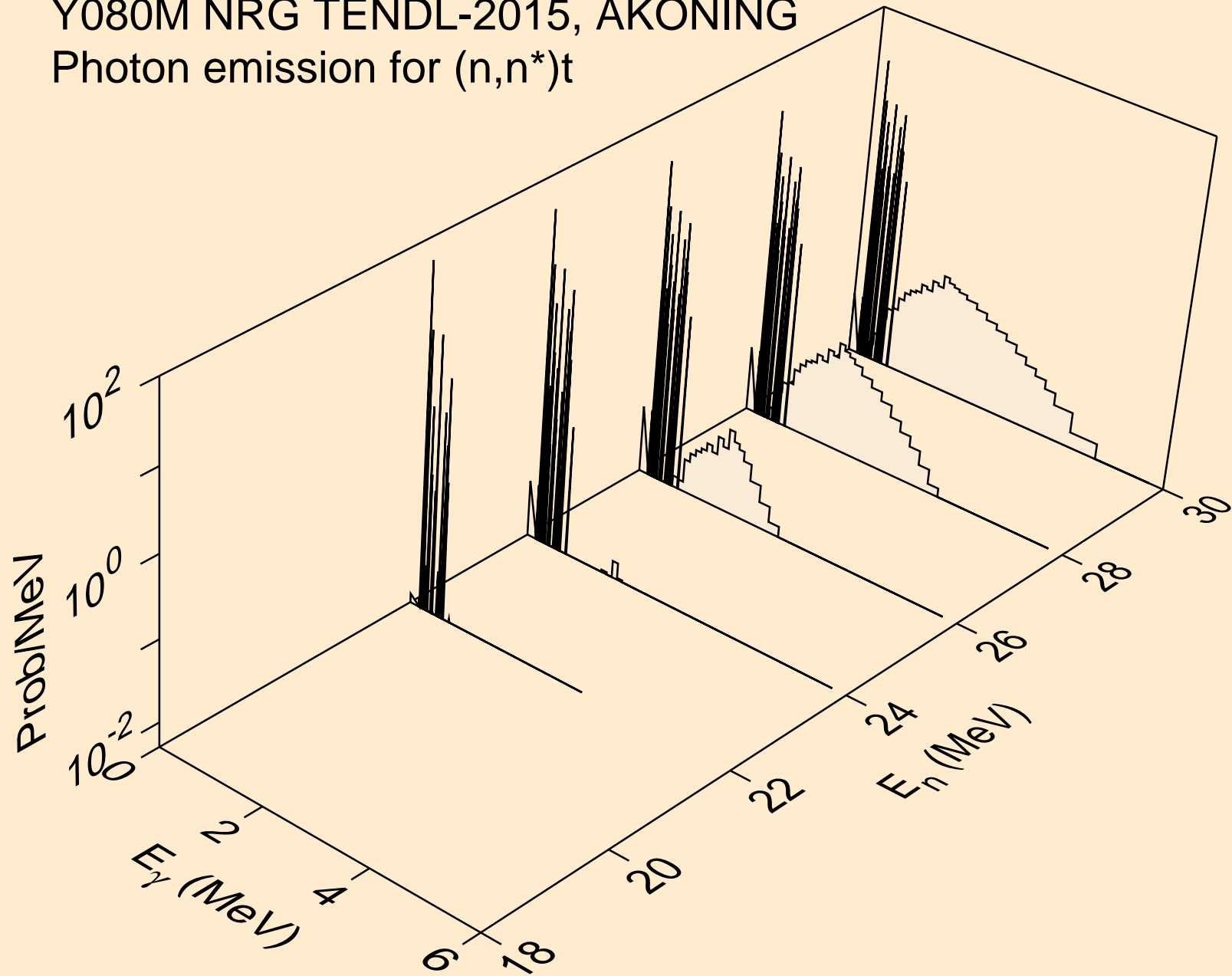
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

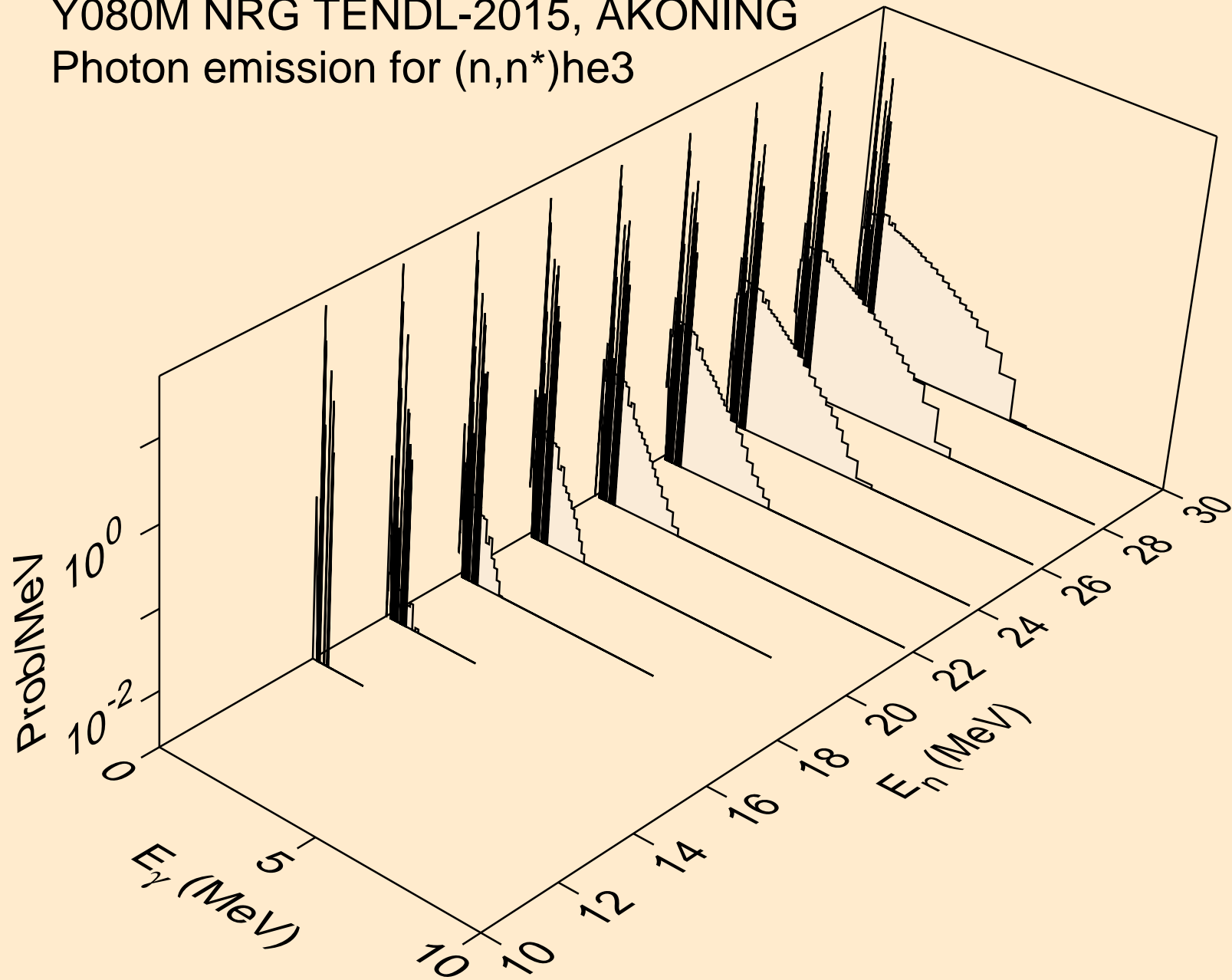


Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

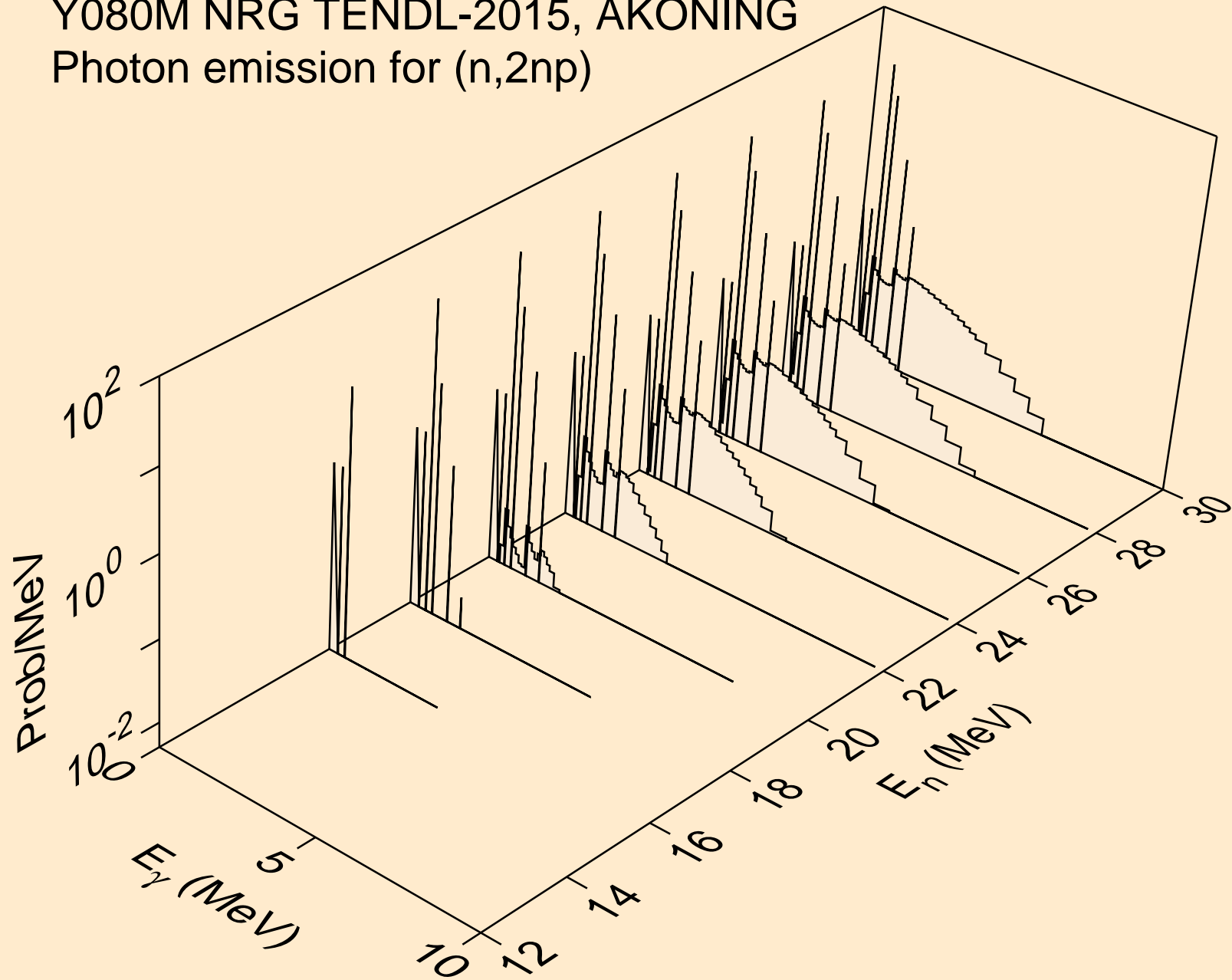




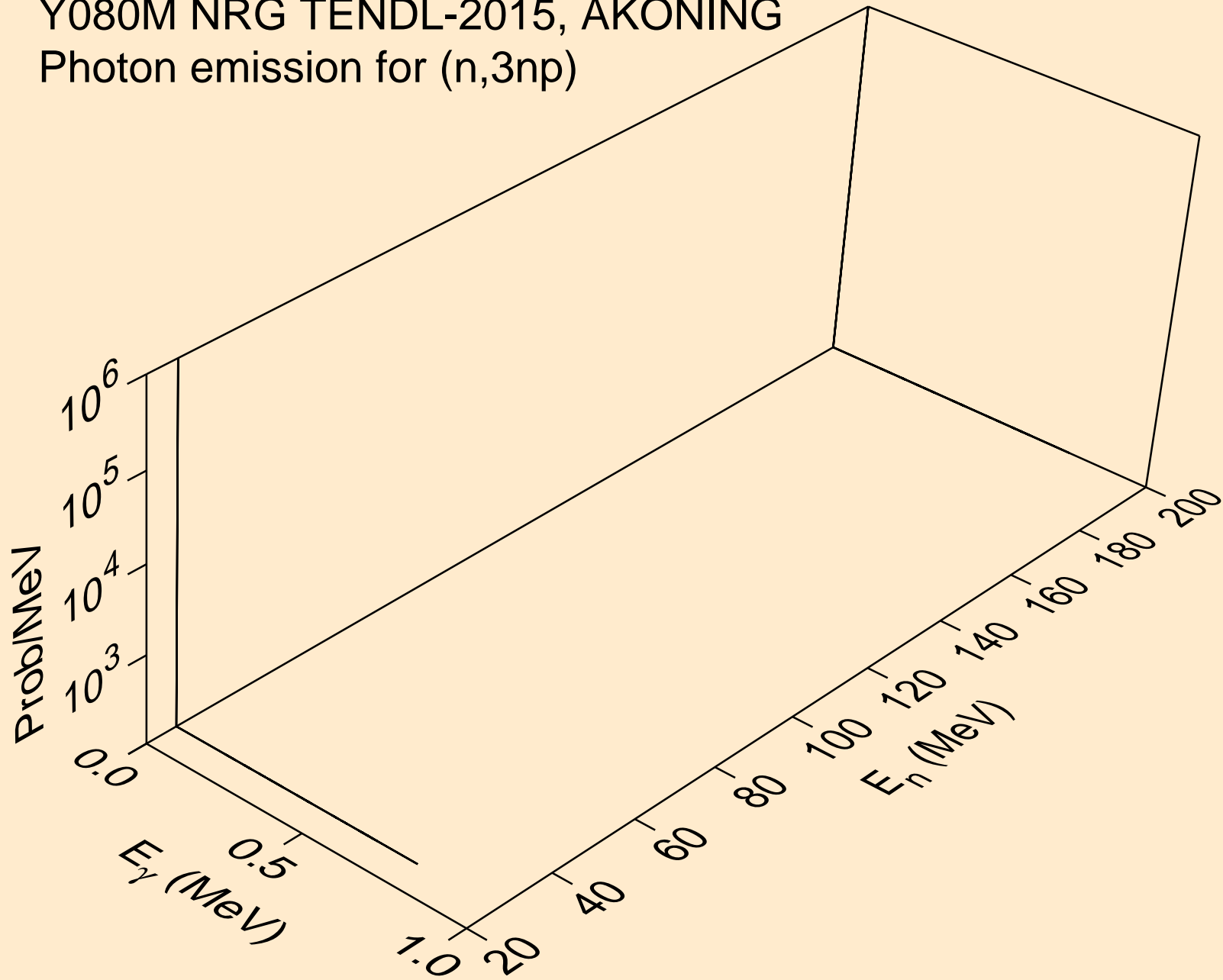
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



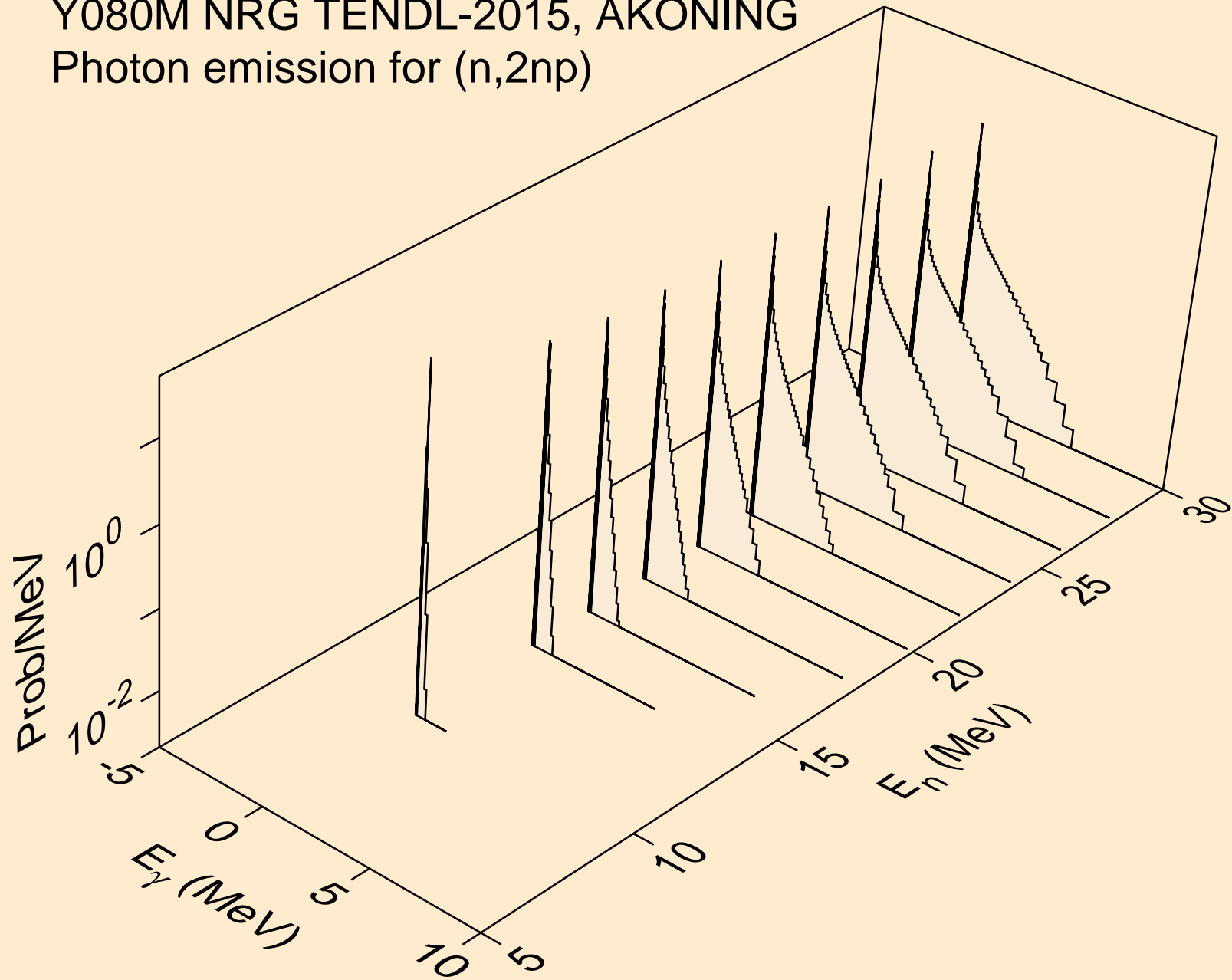
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Photon emission for (n,2np)



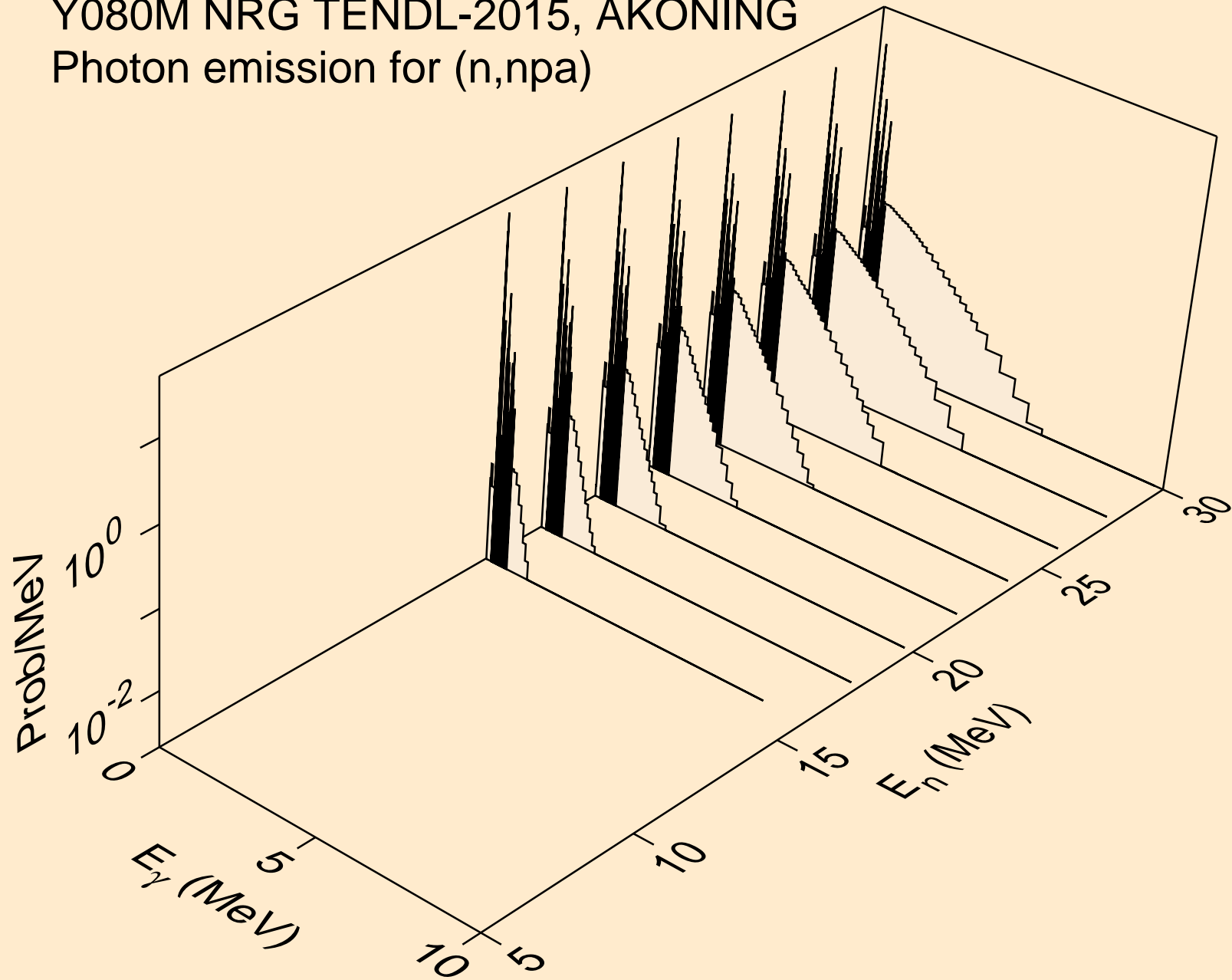
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Photon emission for (n,3np)



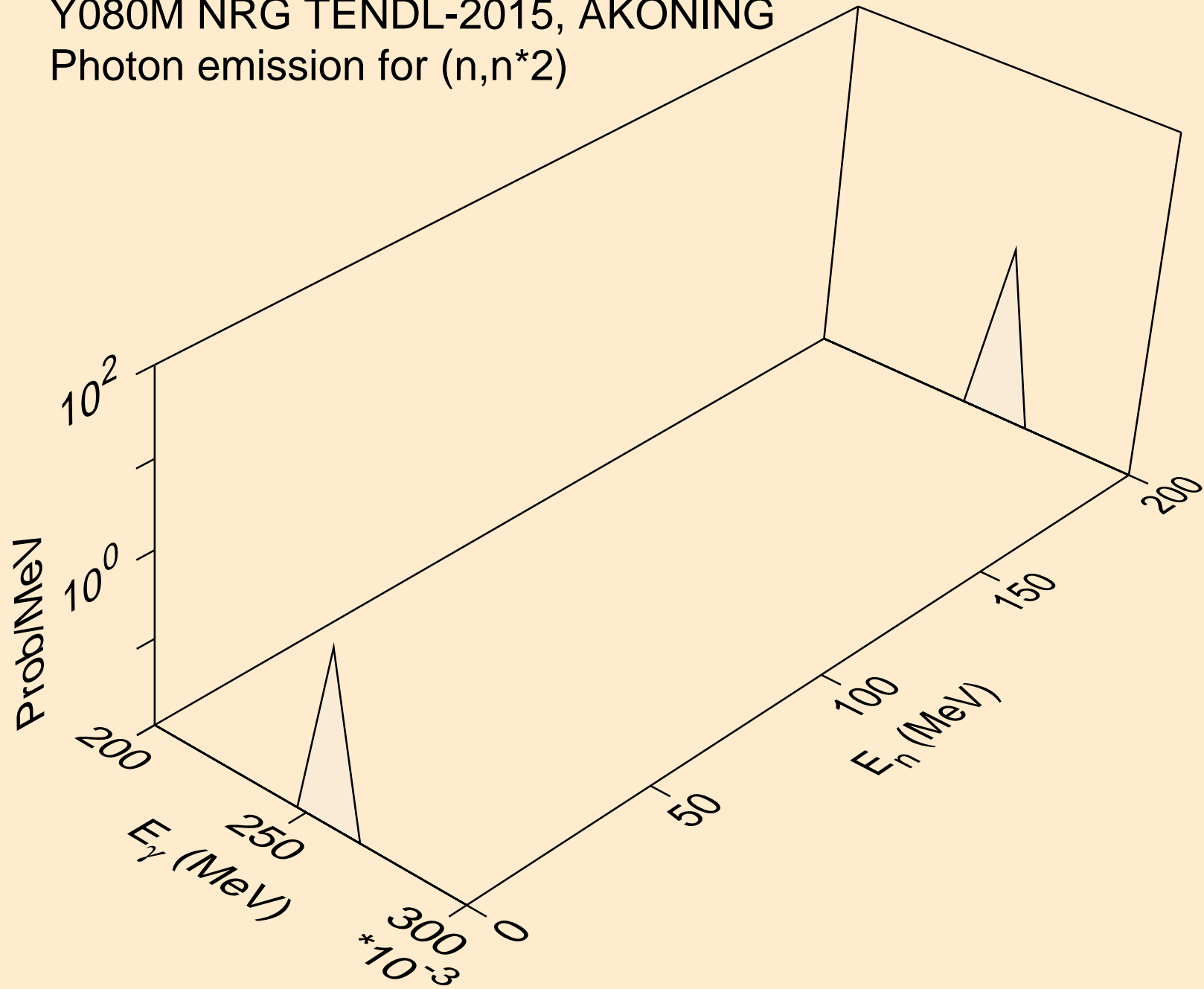
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Photon emission for (n,2np)



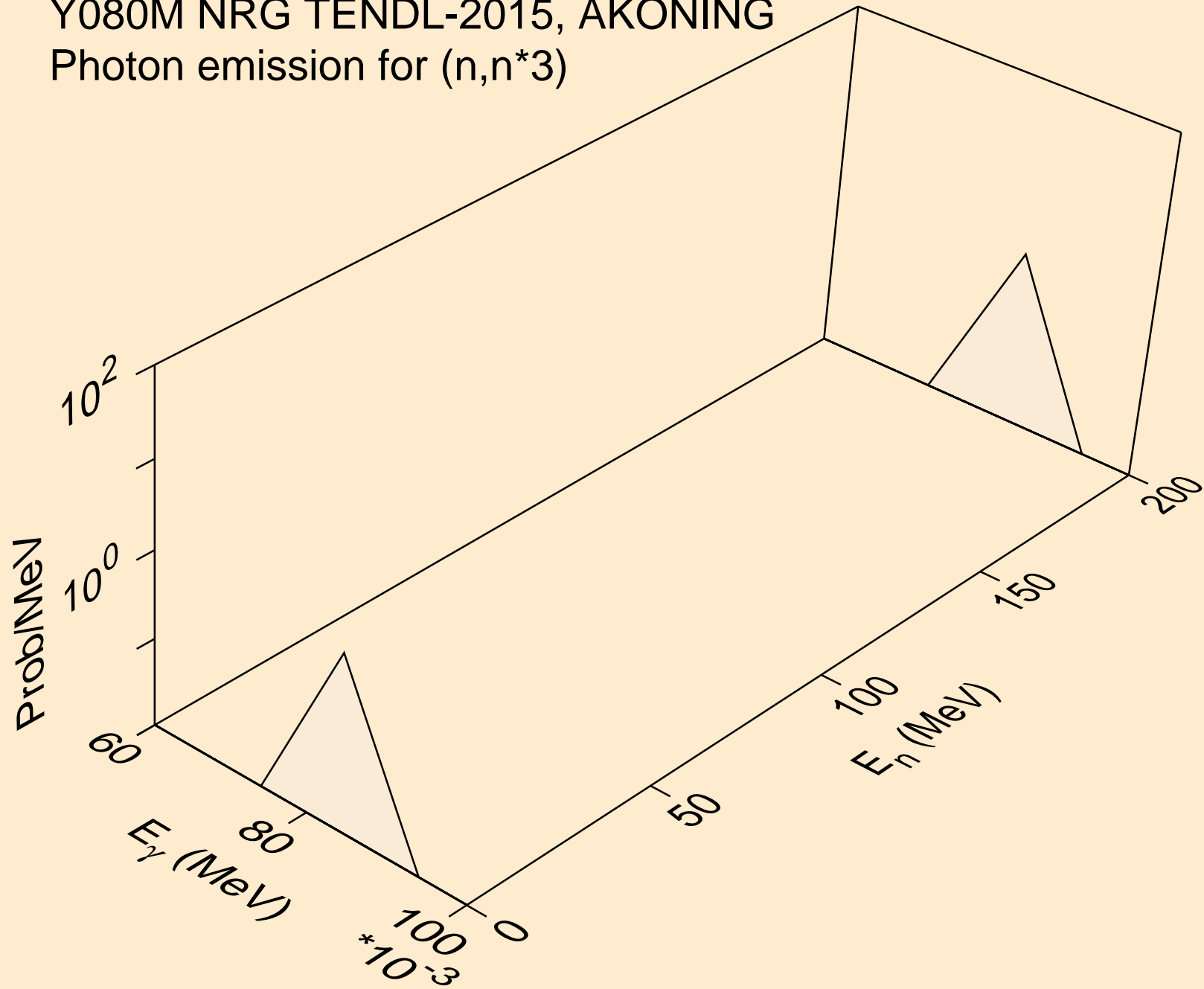
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Photon emission for (n,npa)



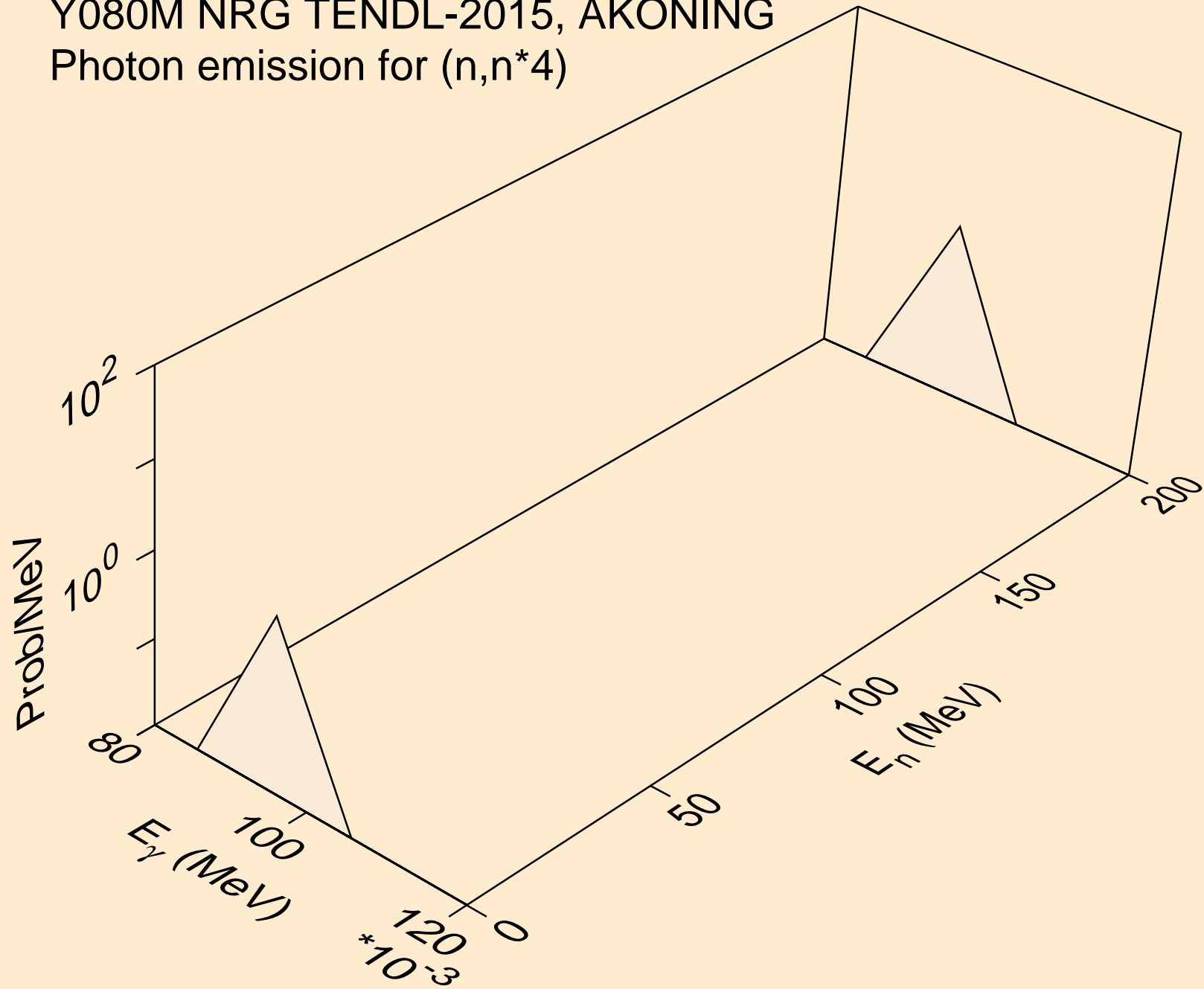
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

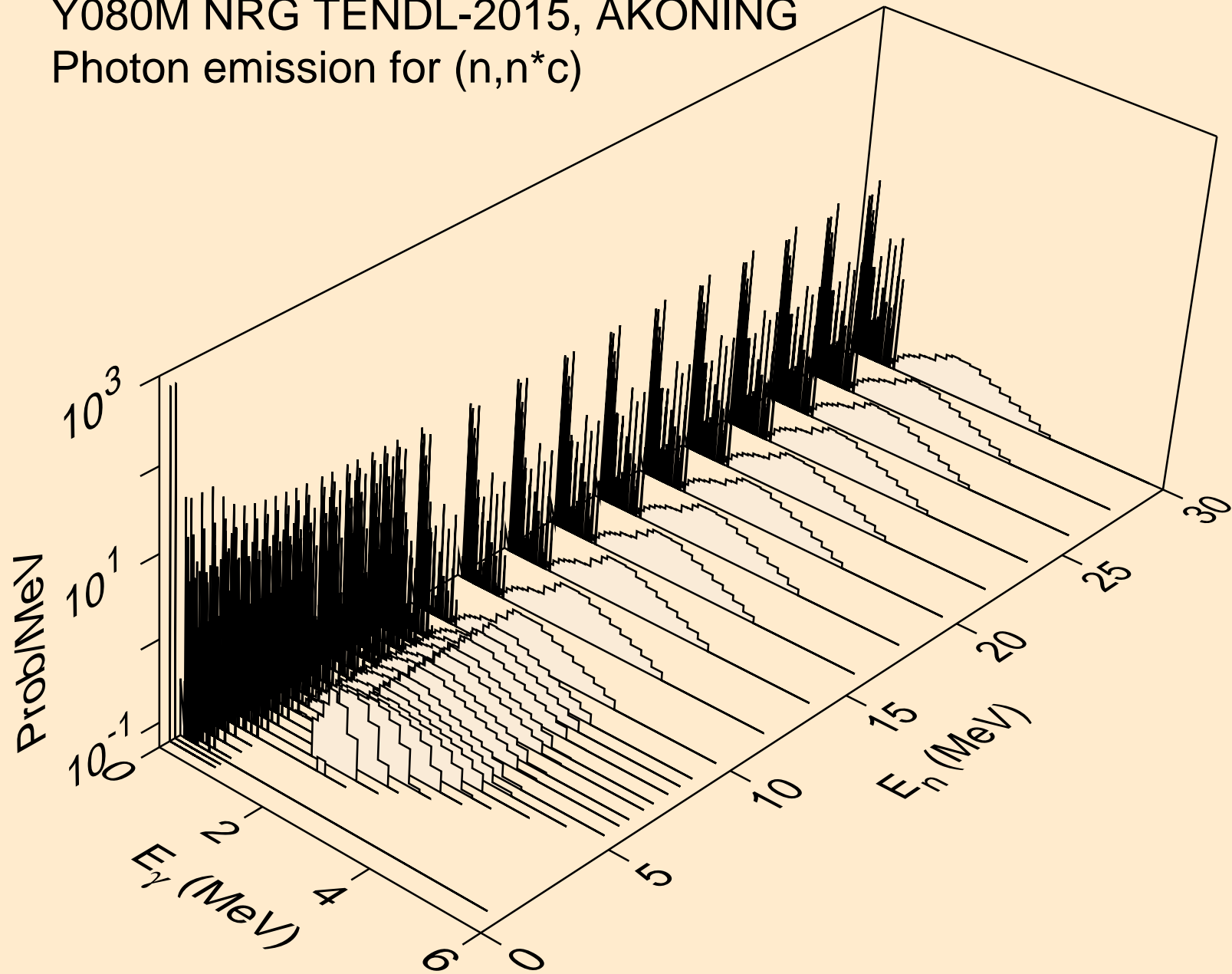


Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

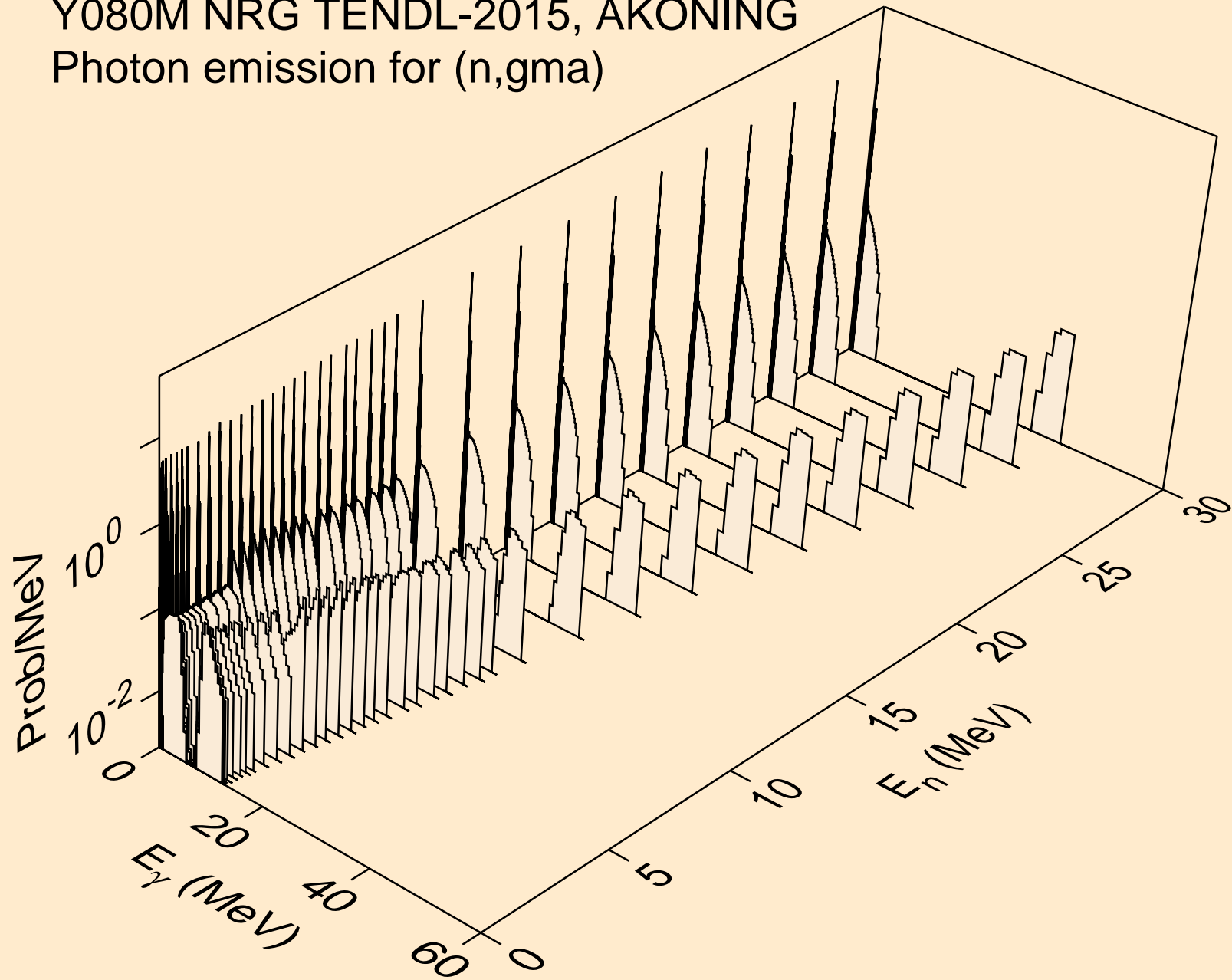




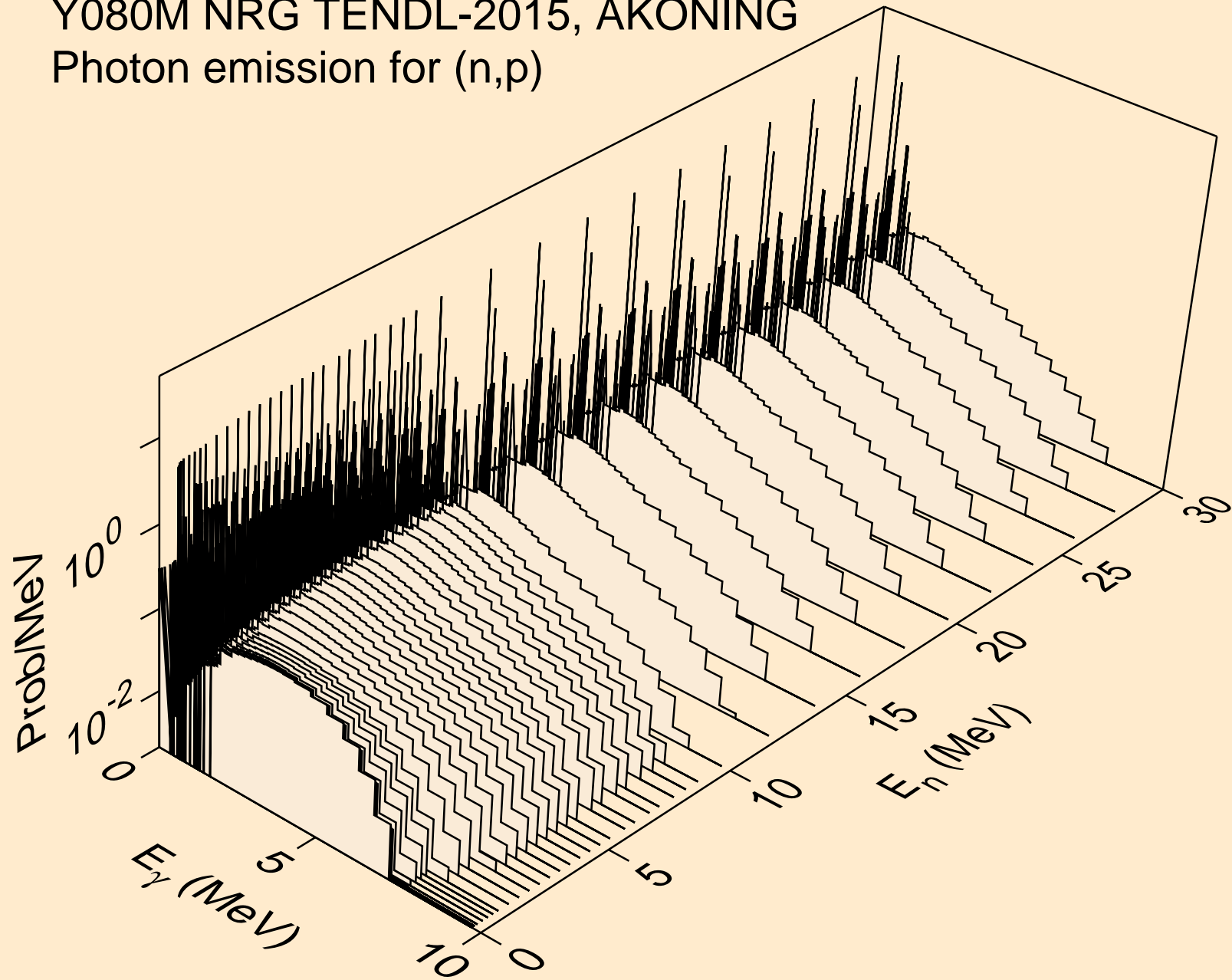
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



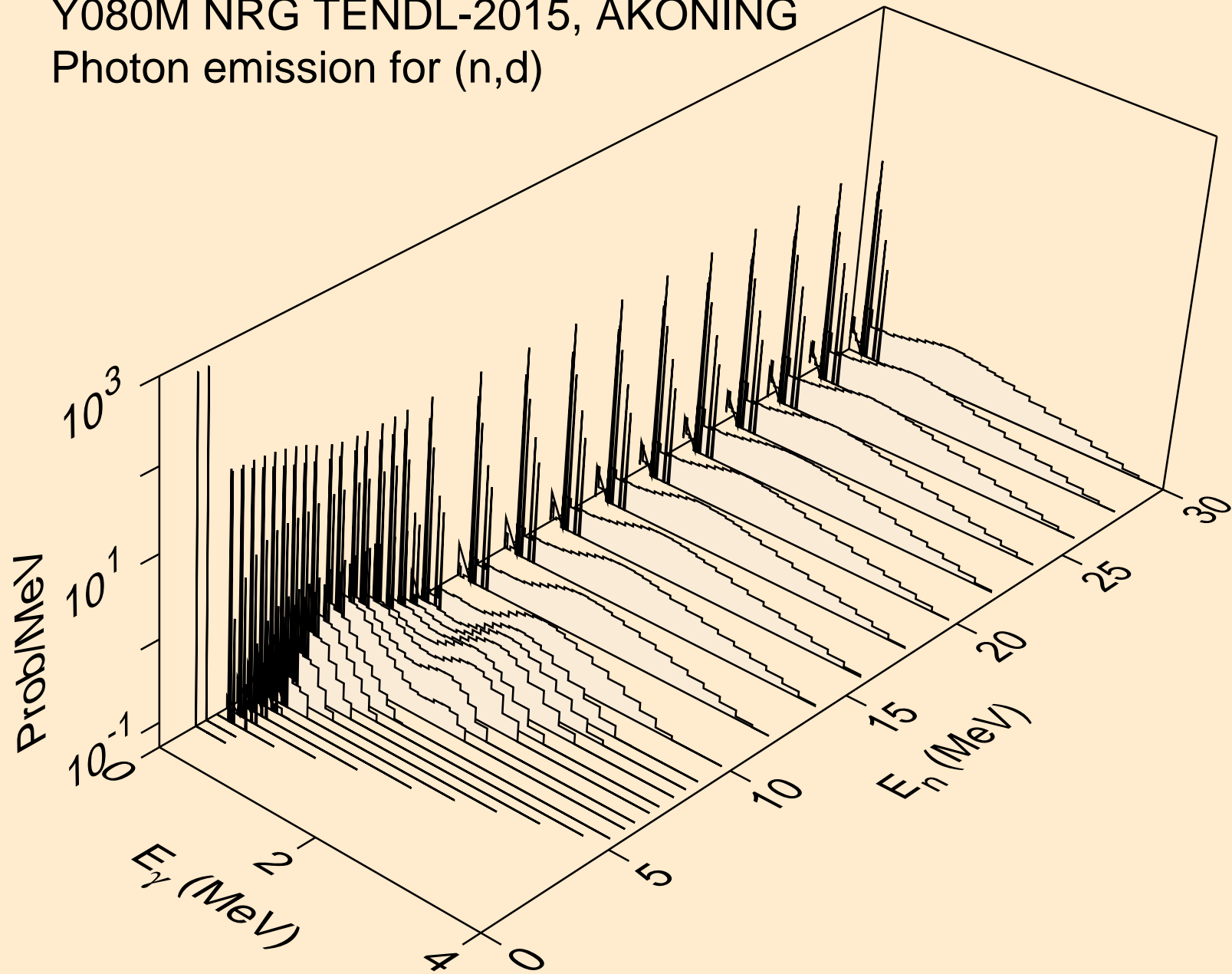
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



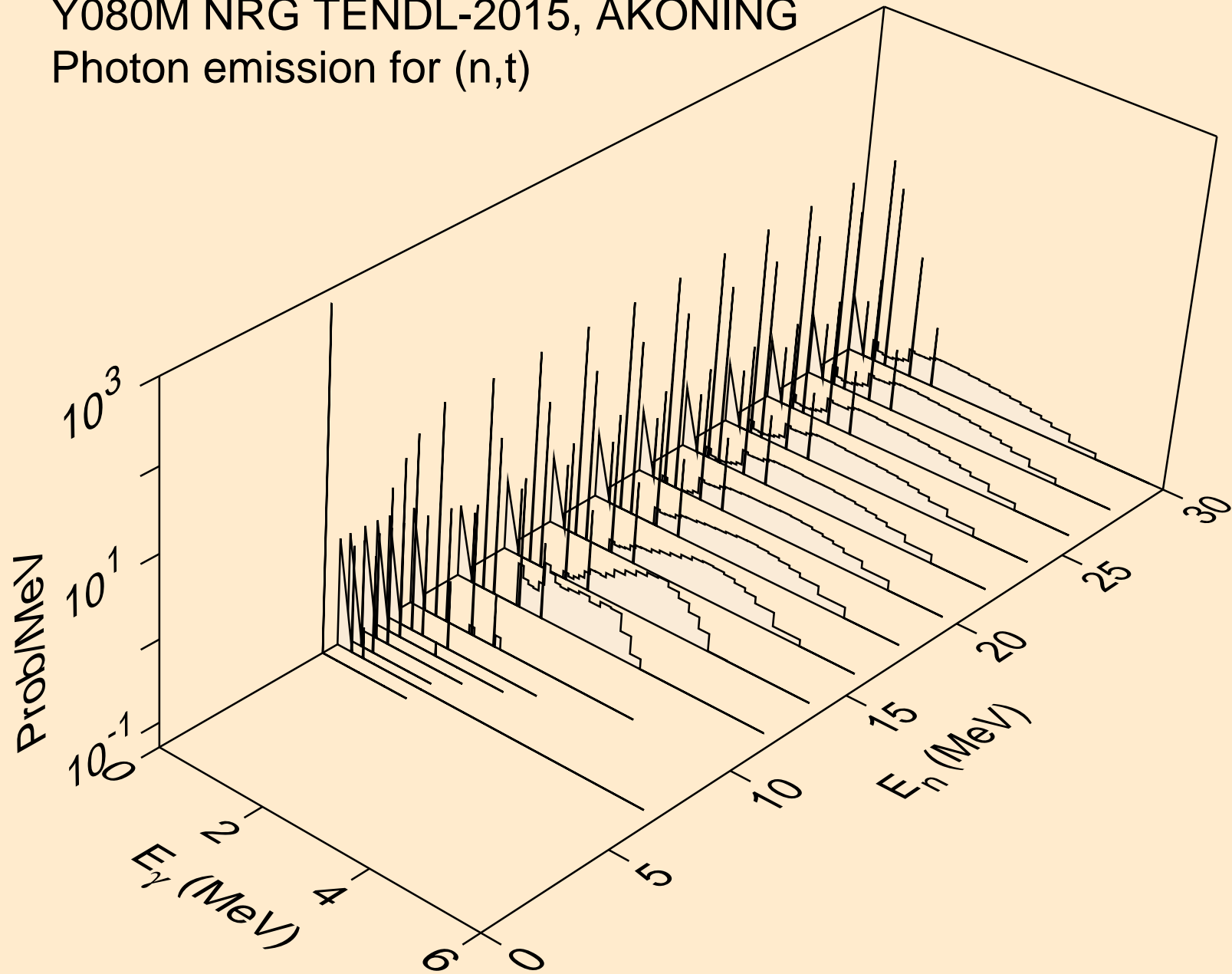
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



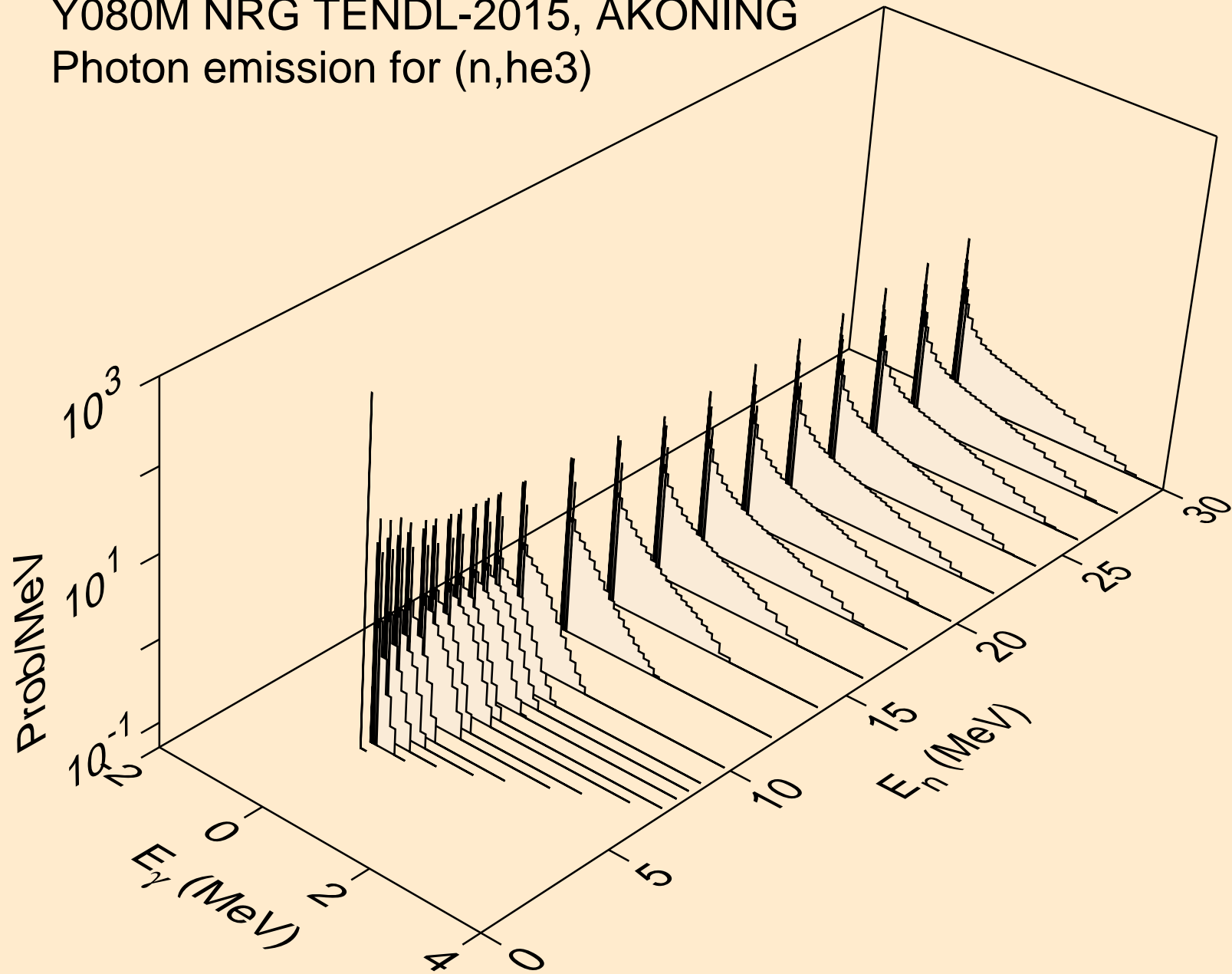
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



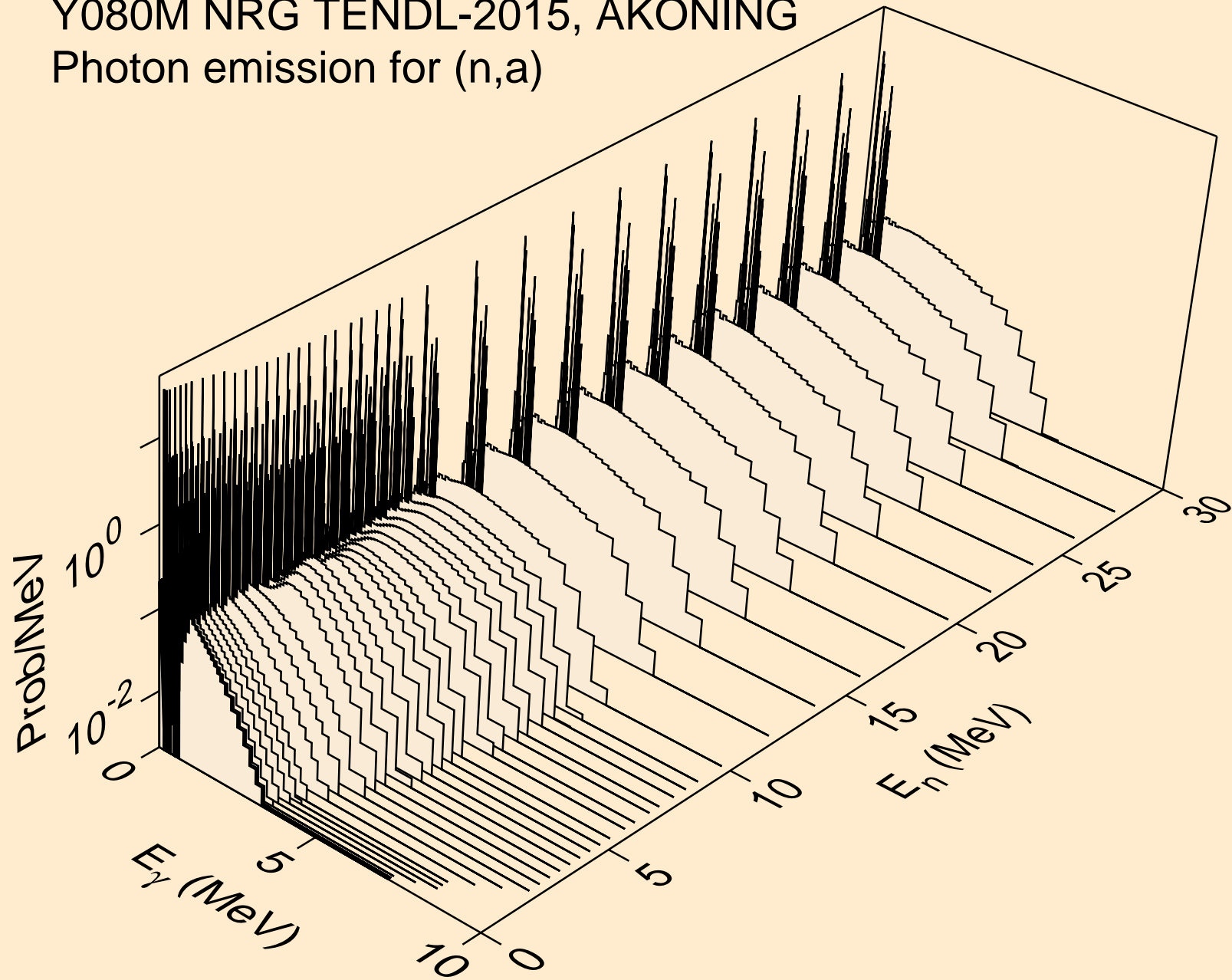
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



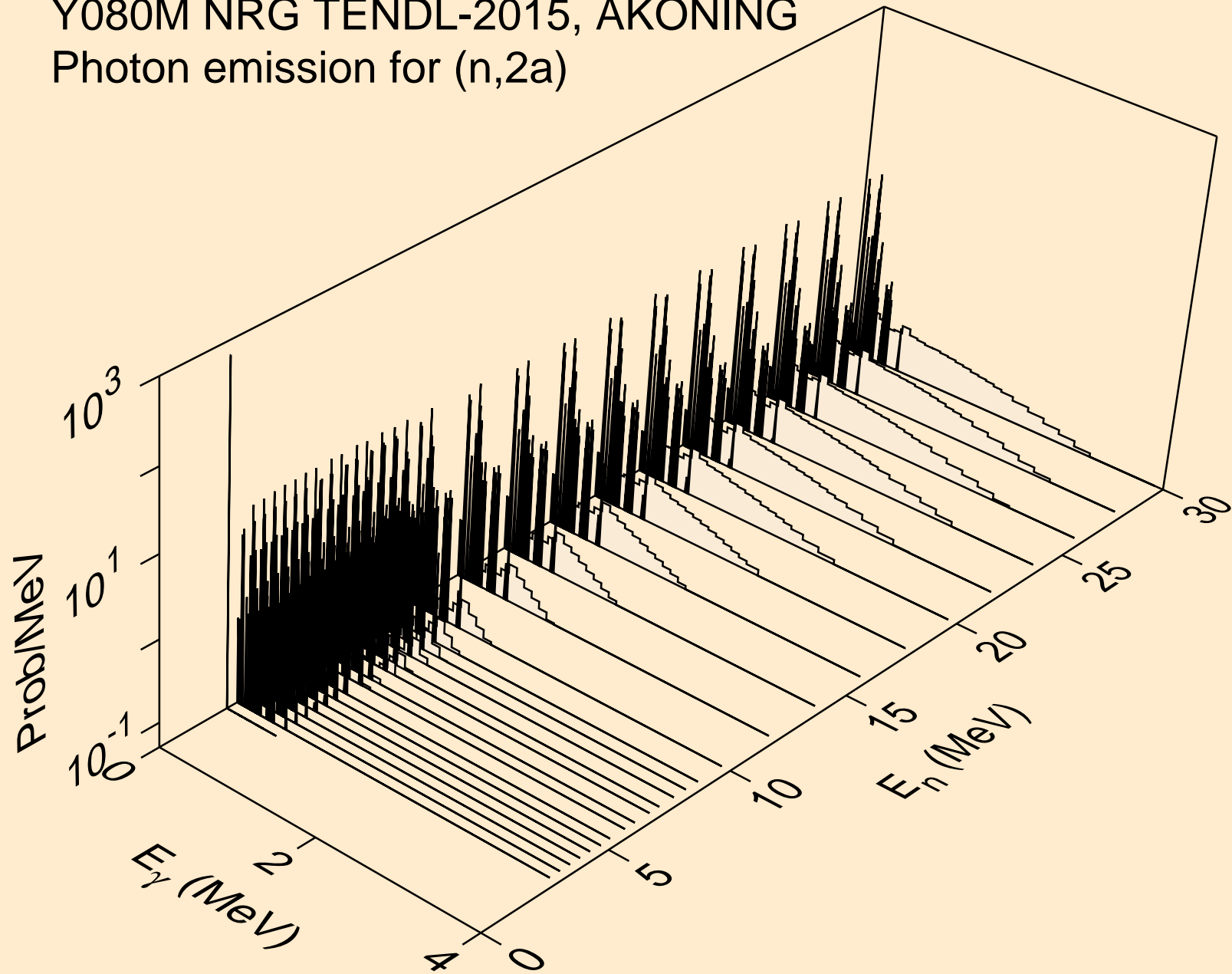
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

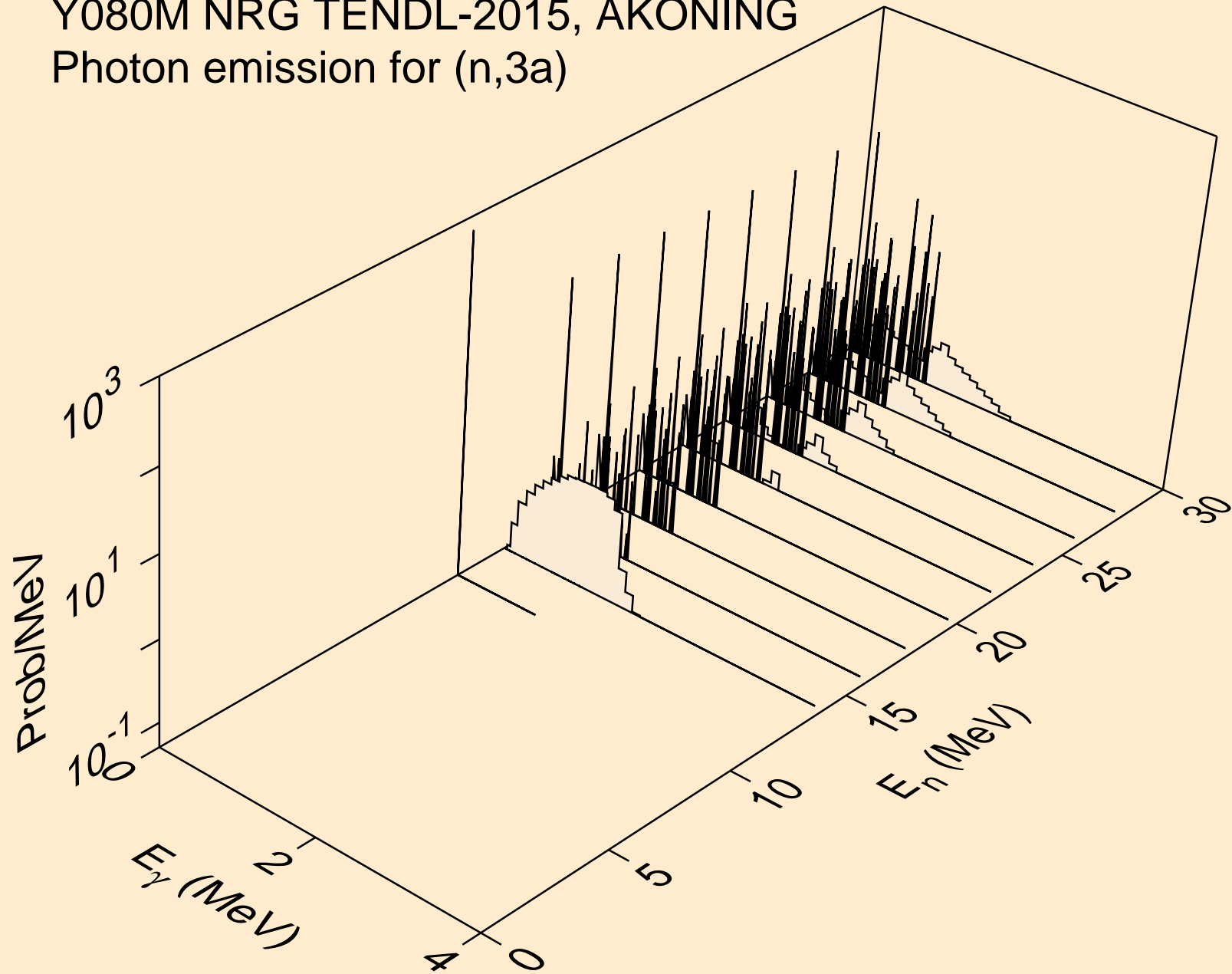


Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

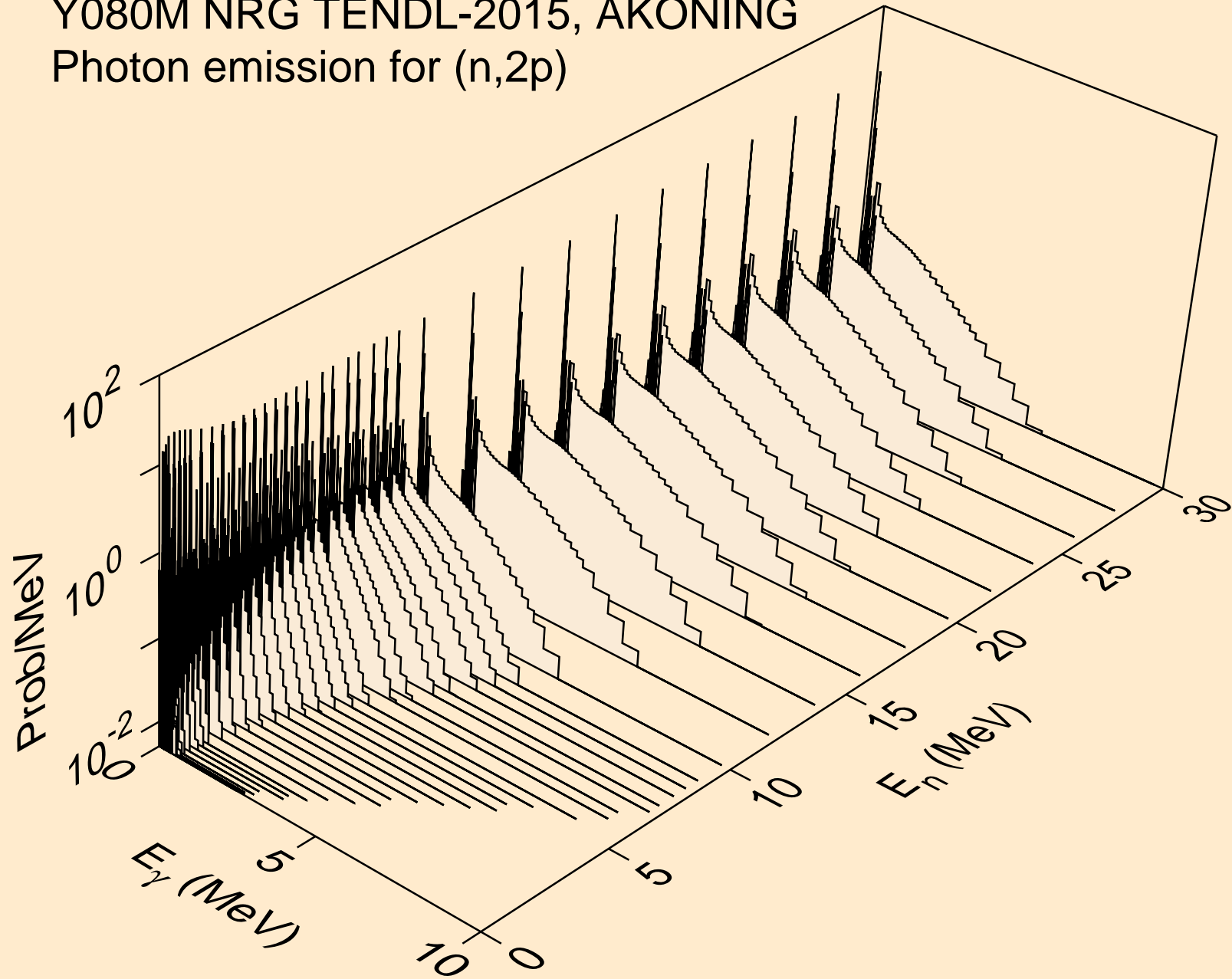




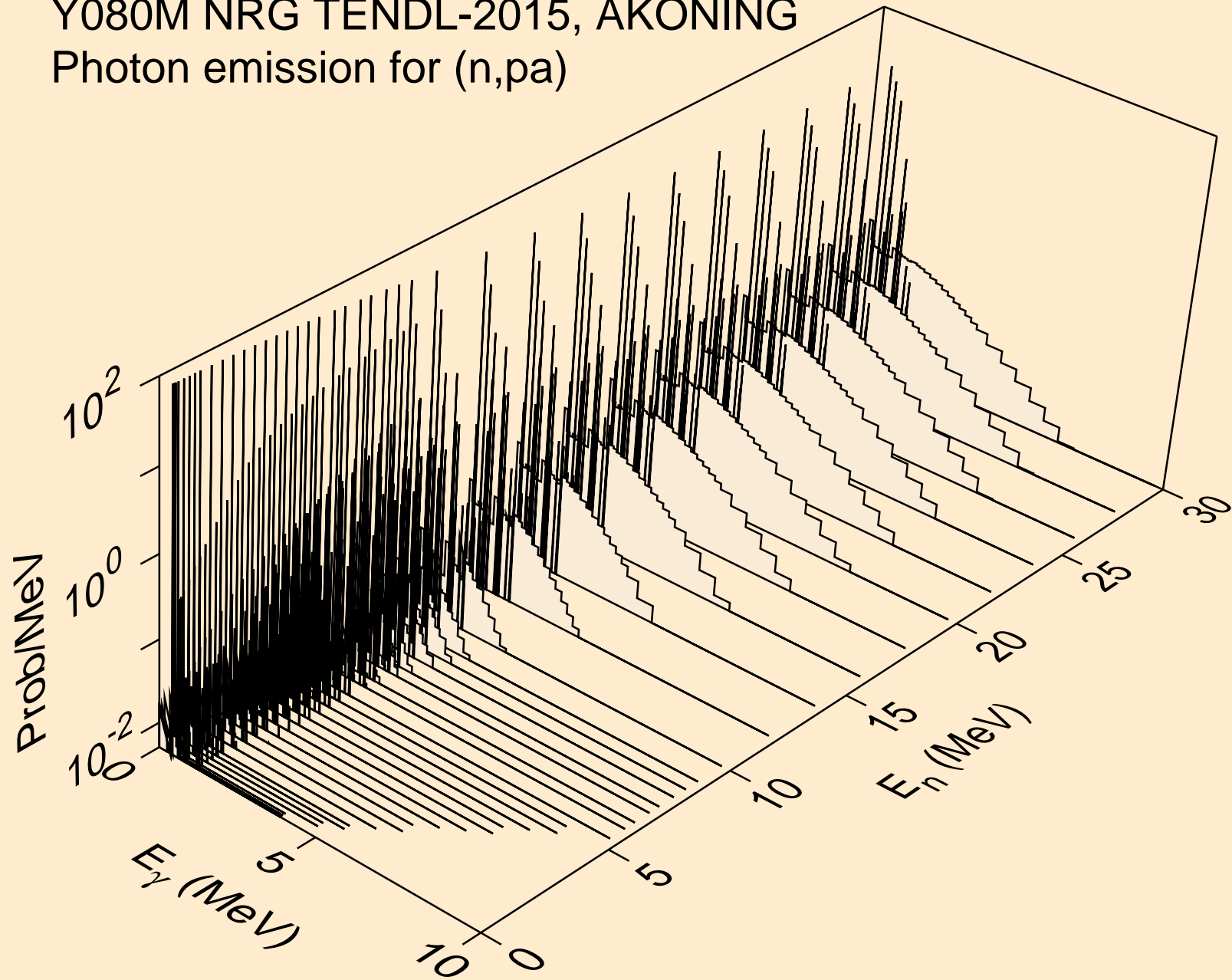
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Photon emission for (n,3a)



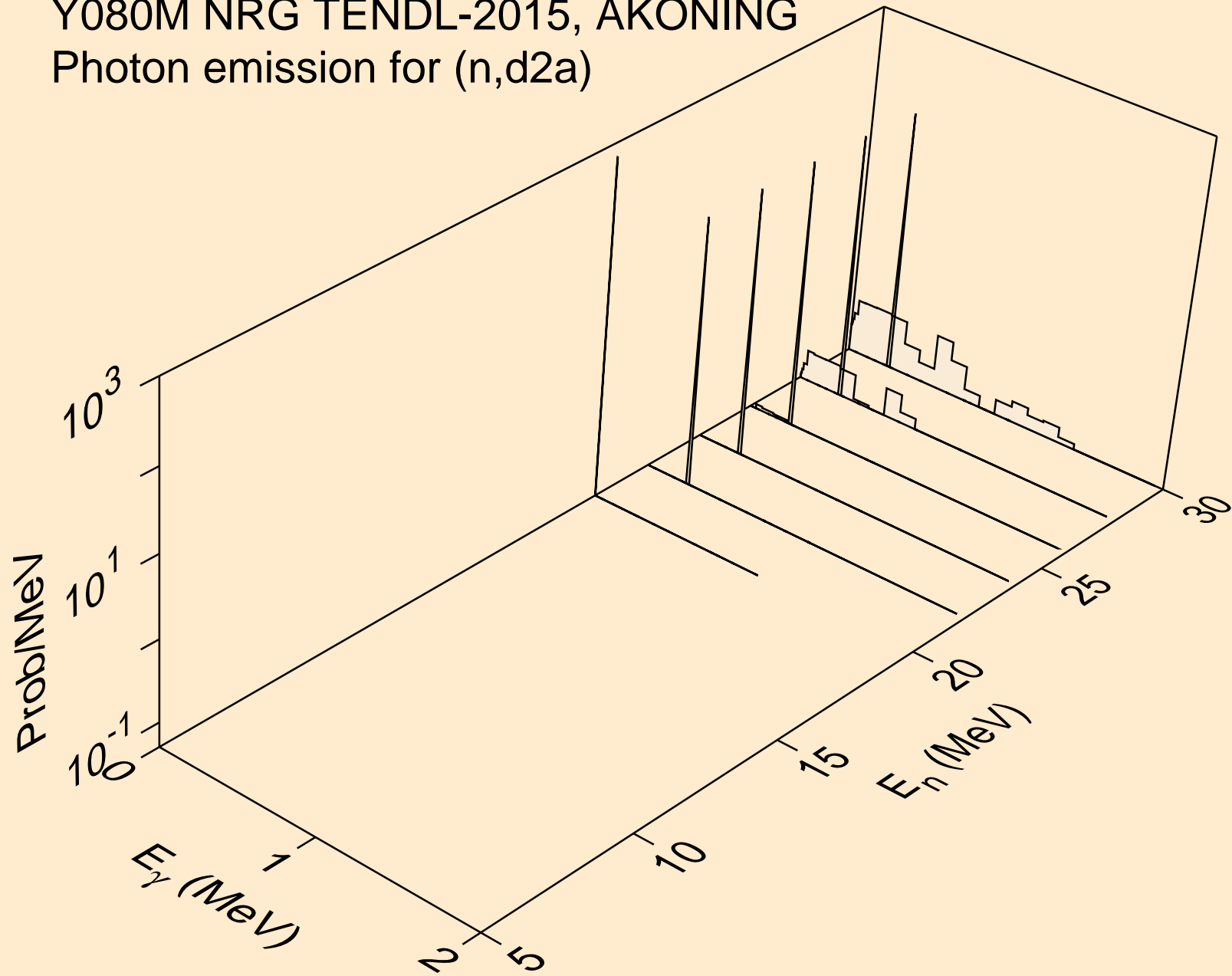
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Photon emission for (n,2p)



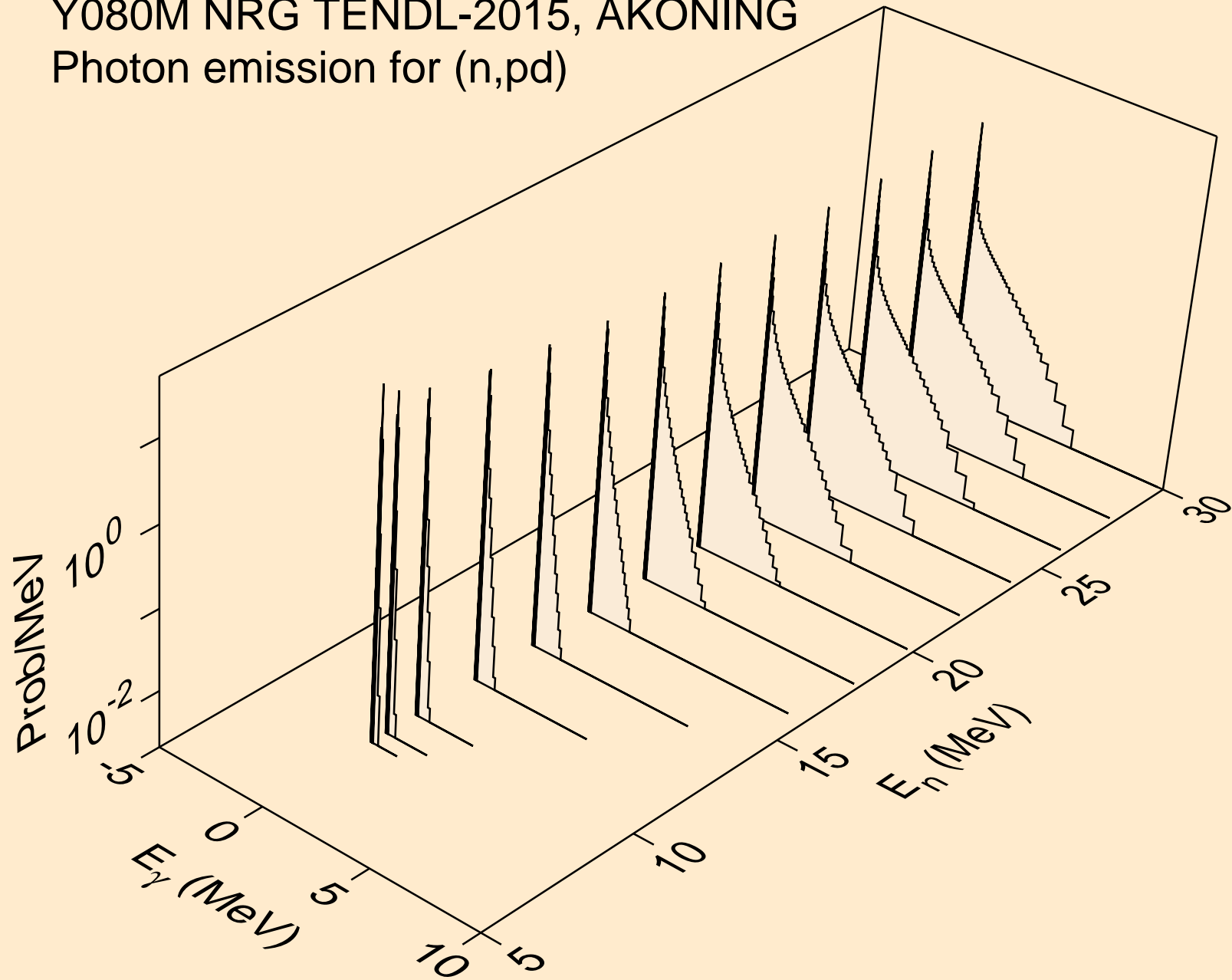
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Photon emission for (n,p $\alpha$ )



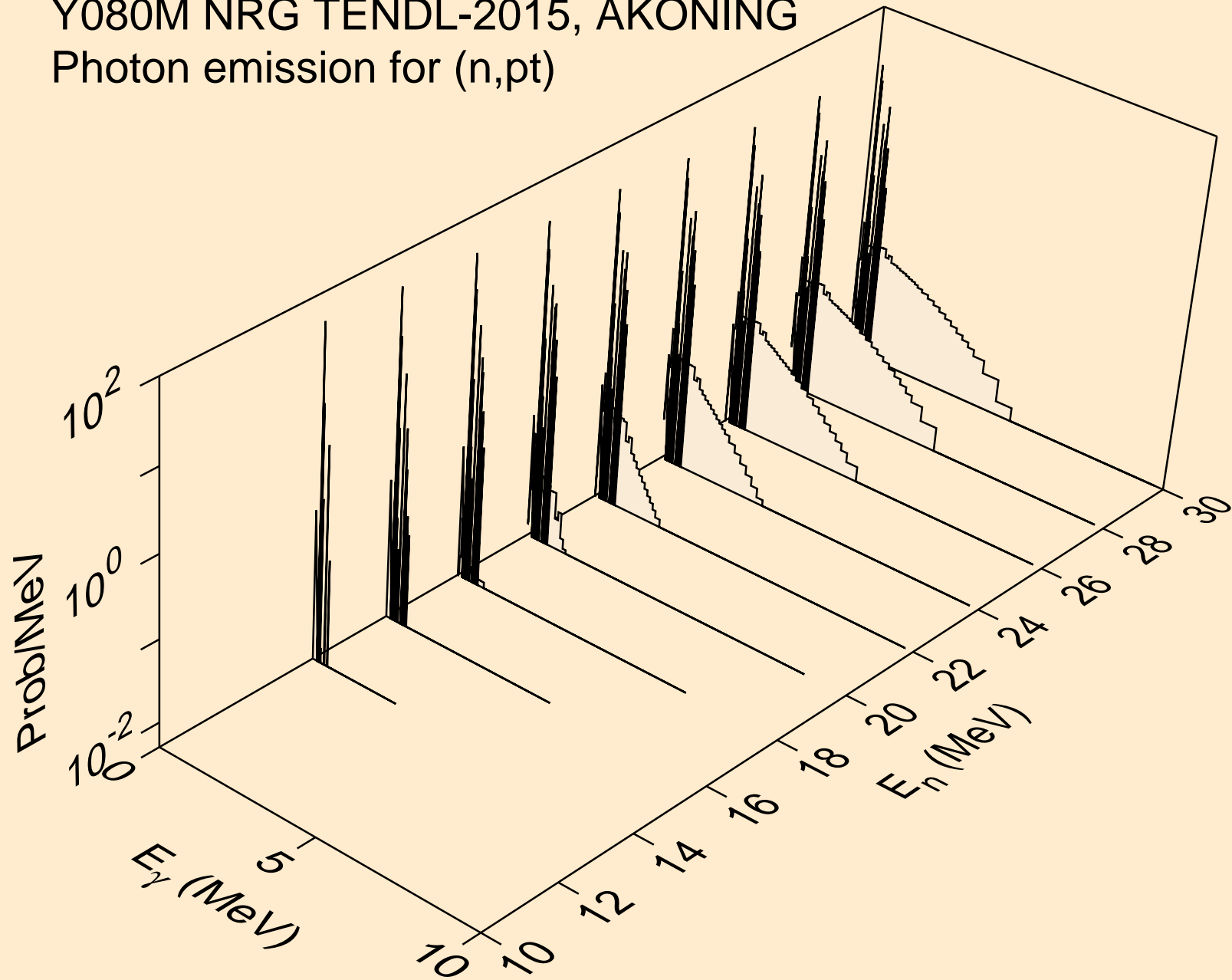
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Photon emission for (n,d2a)



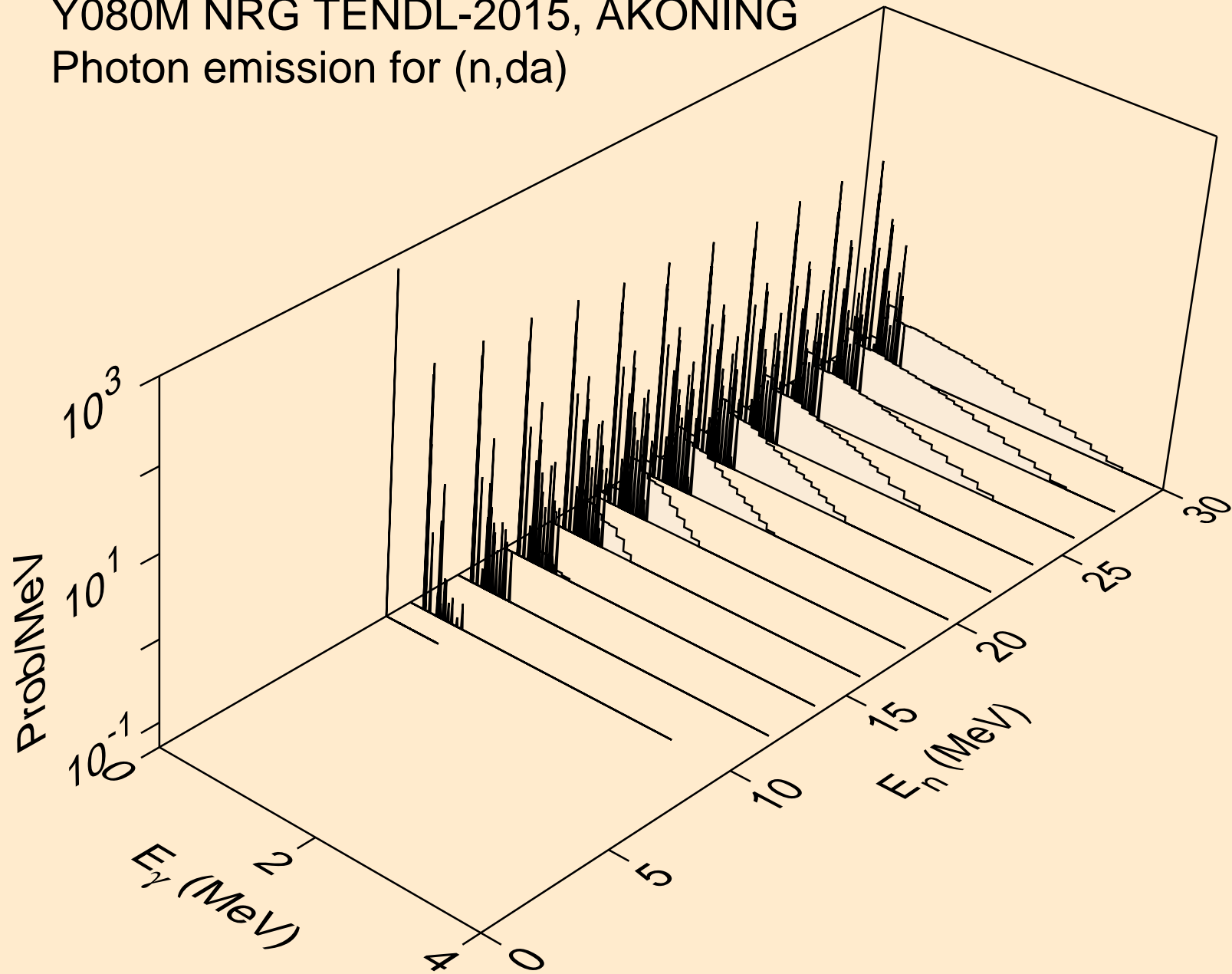
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Photon emission for (n,pd)



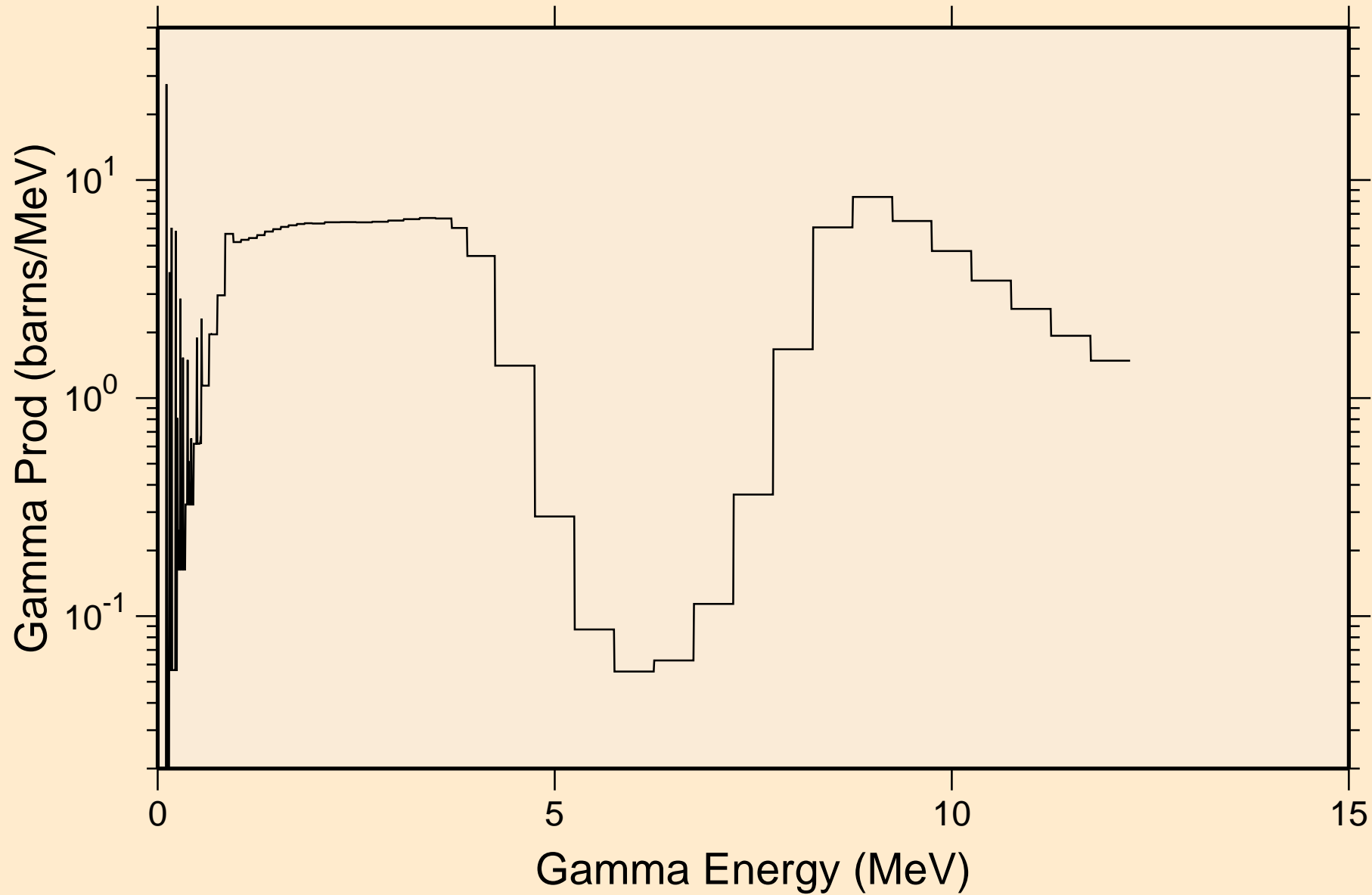
Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



Y080M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

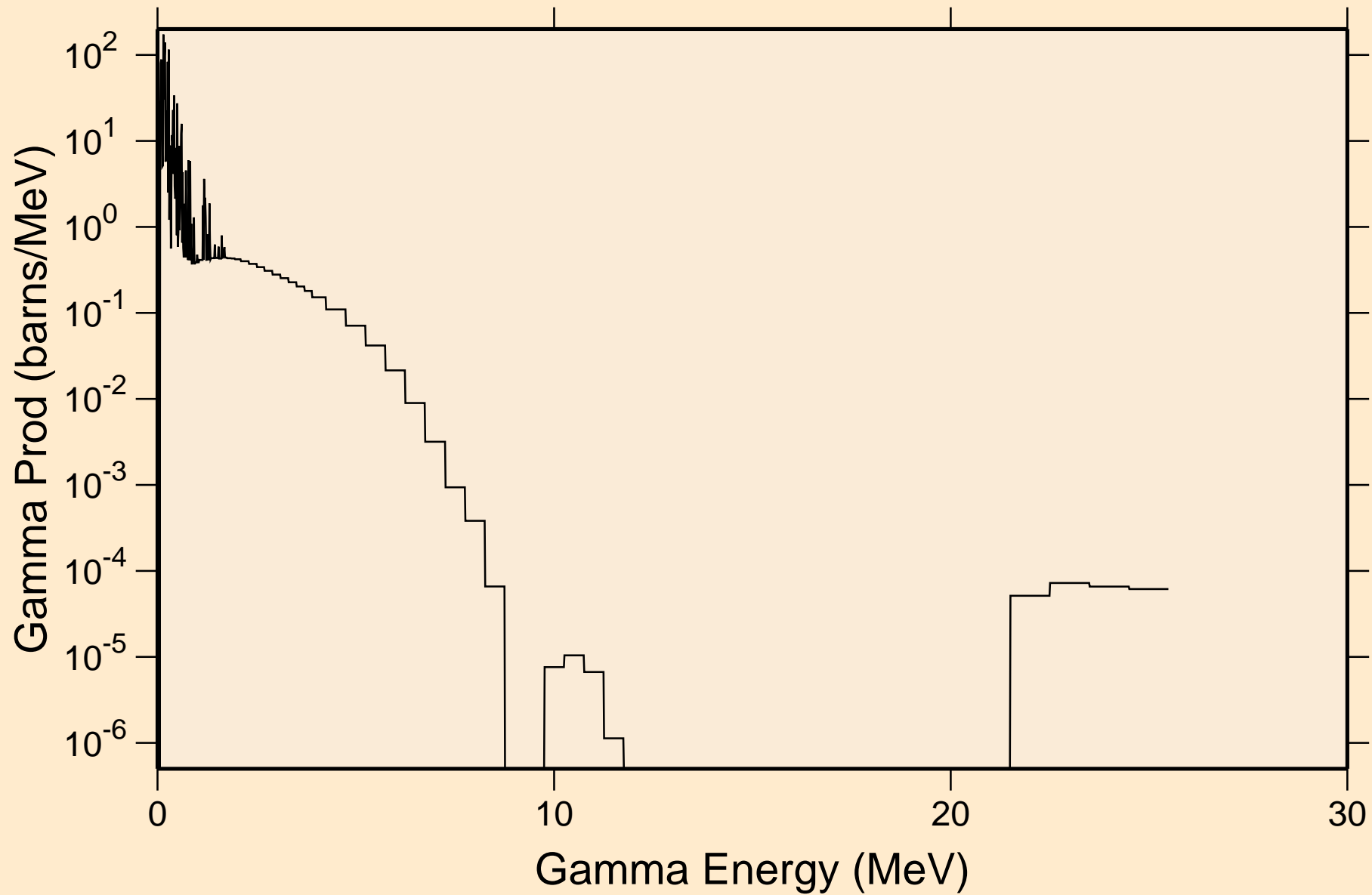


Y080M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



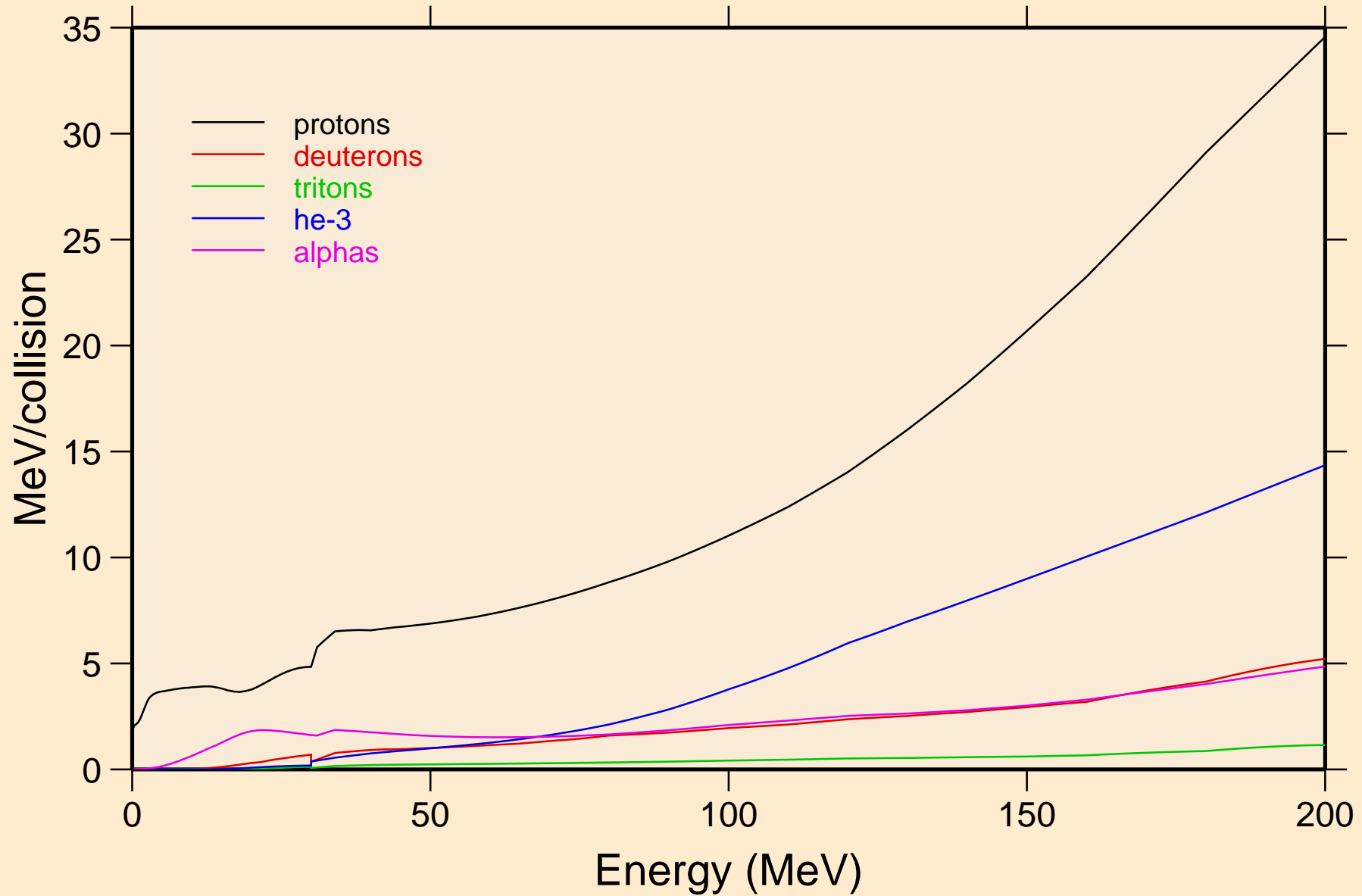


Y080M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



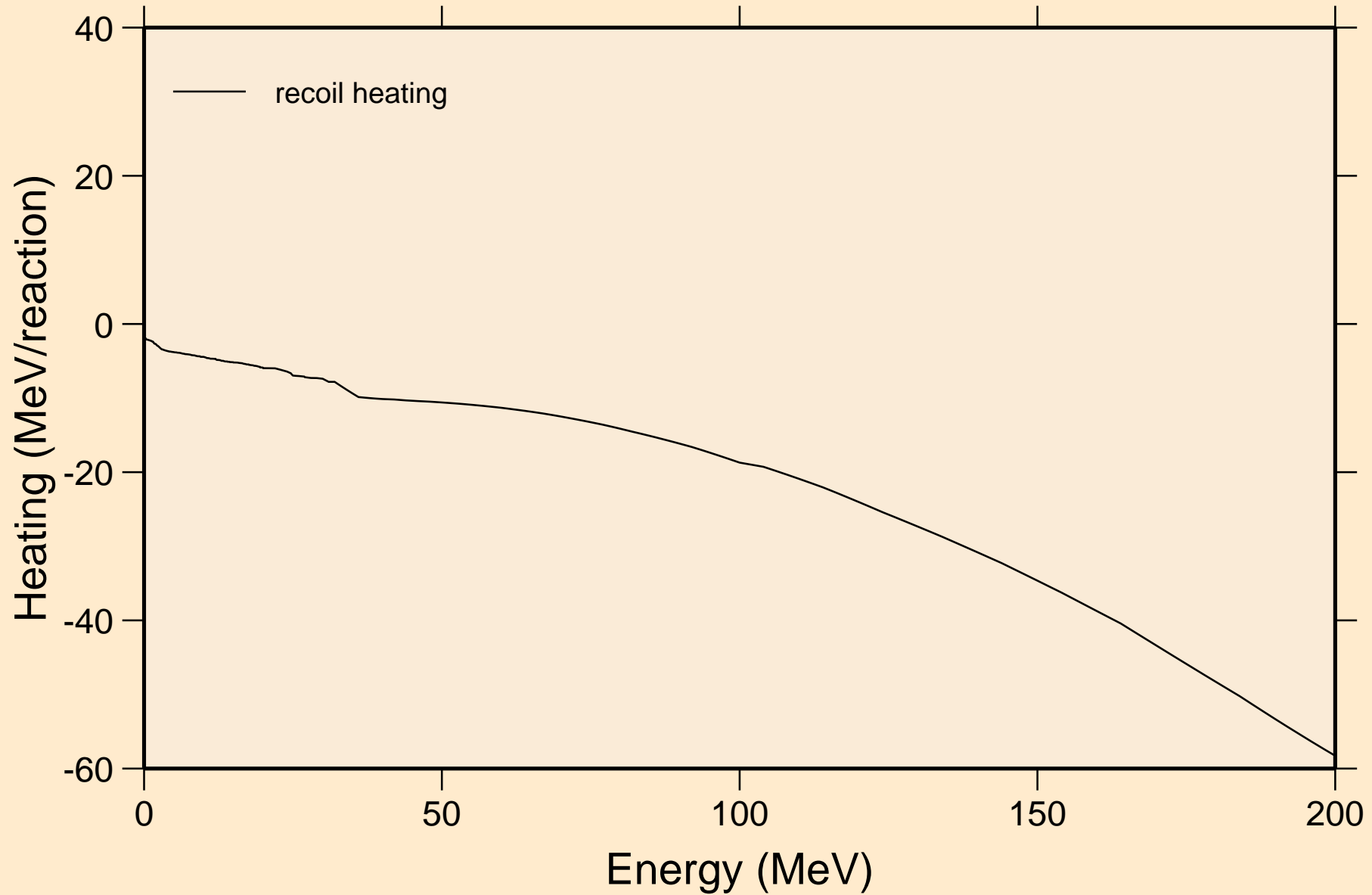
# Y080M NRG TENDL-2015, AKONING

## Particle heating contributions



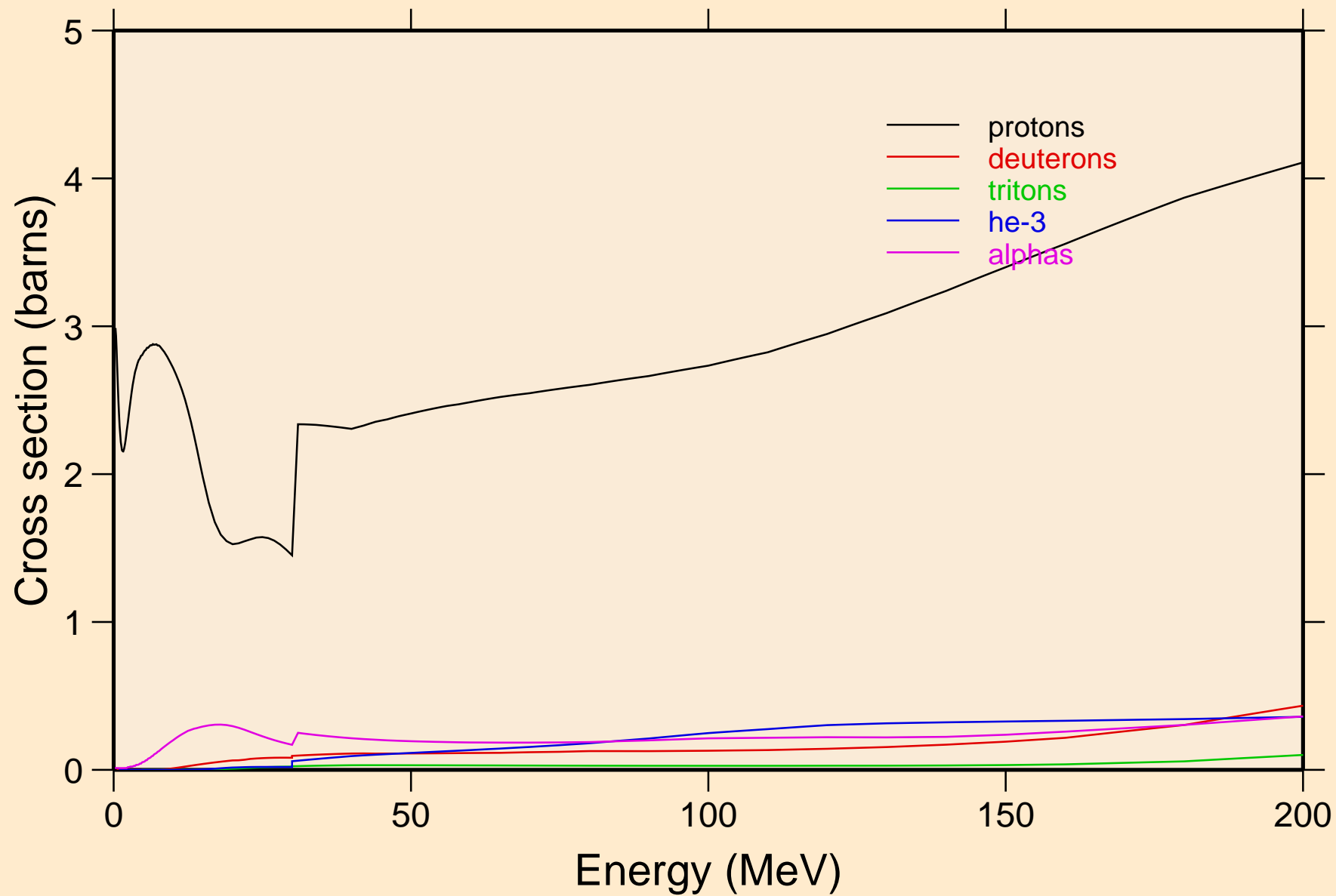
# Y080M NRG TENDL-2015, AKONING

## Recoil Heating

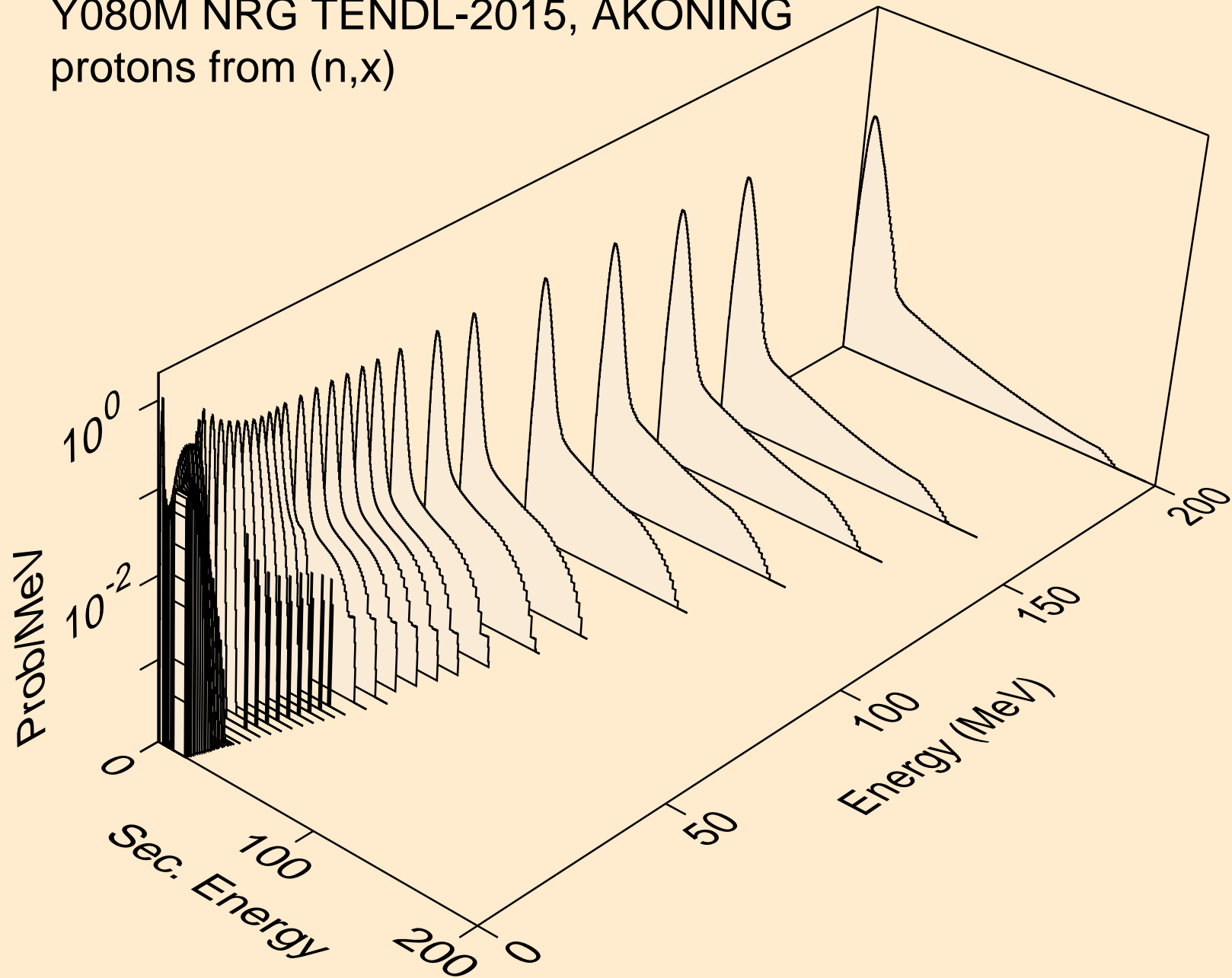


# Y080M NRG TENDL-2015, AKONING

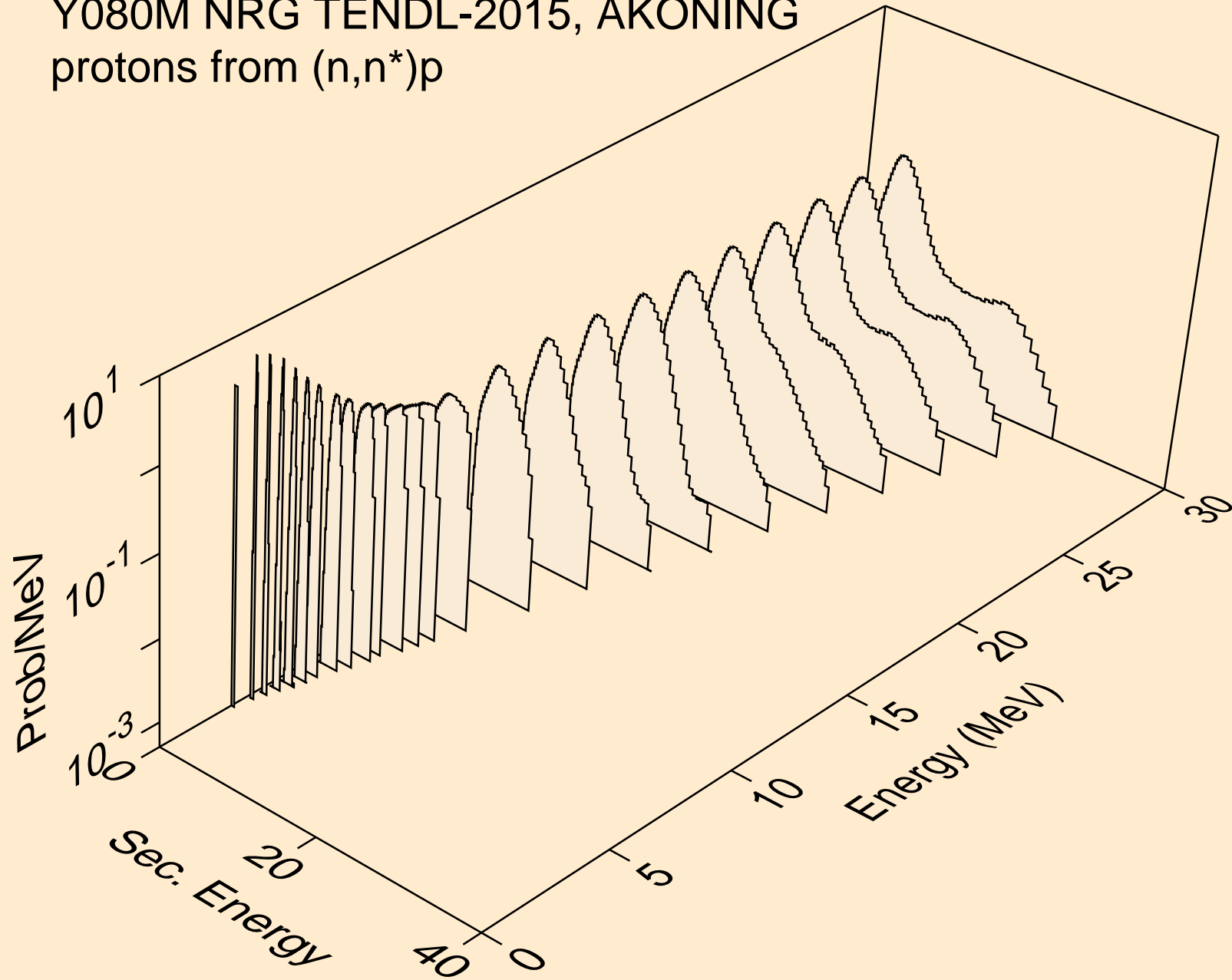
## Particle production cross sections



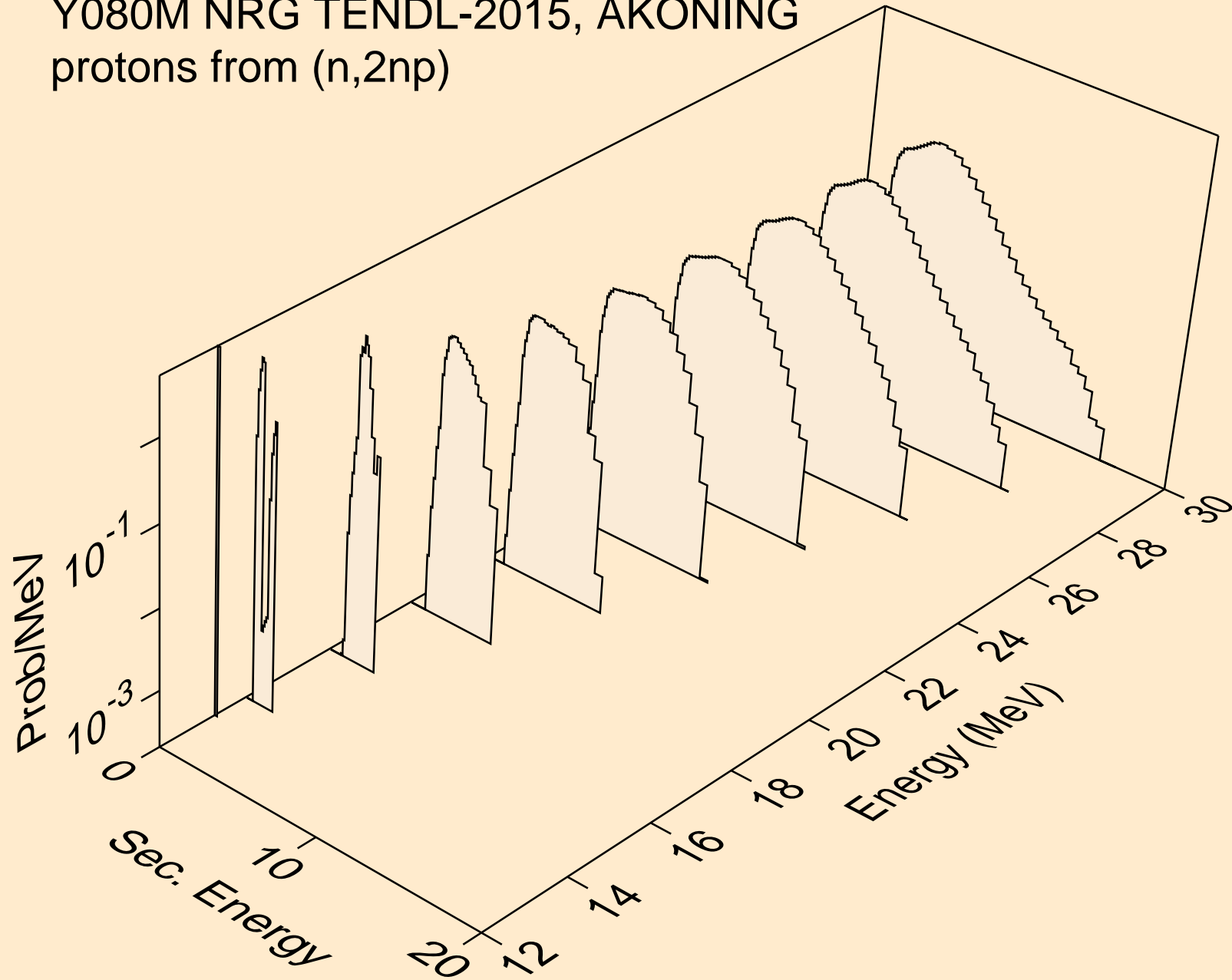
Y080M NRG TENDL-2015, AKONING  
protons from (n,x)



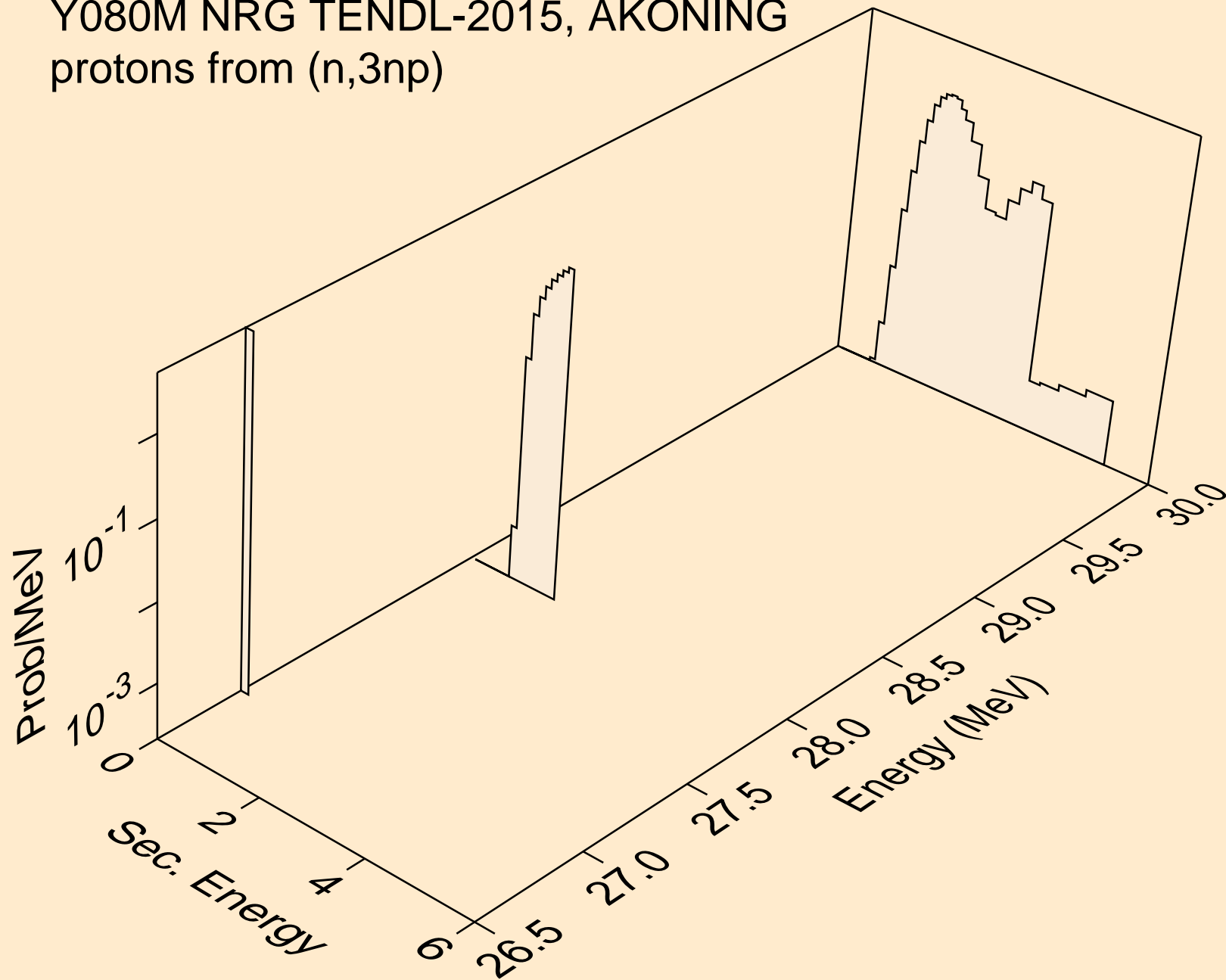
Y080M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



Y080M NRG TENDL-2015, AKONING  
protons from (n,2np)

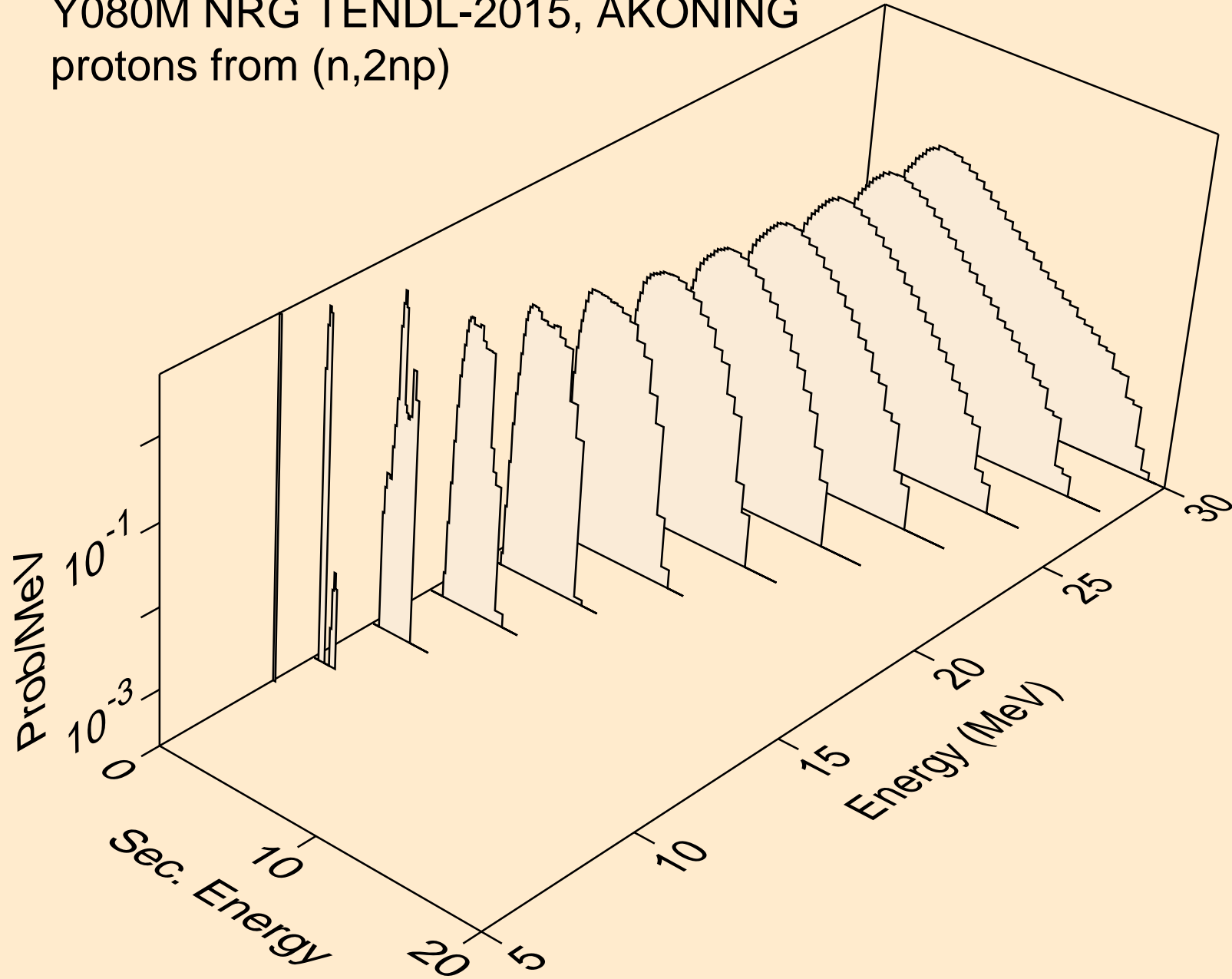


Y080M NRG TENDL-2015, AKONING  
protons from (n,3np)

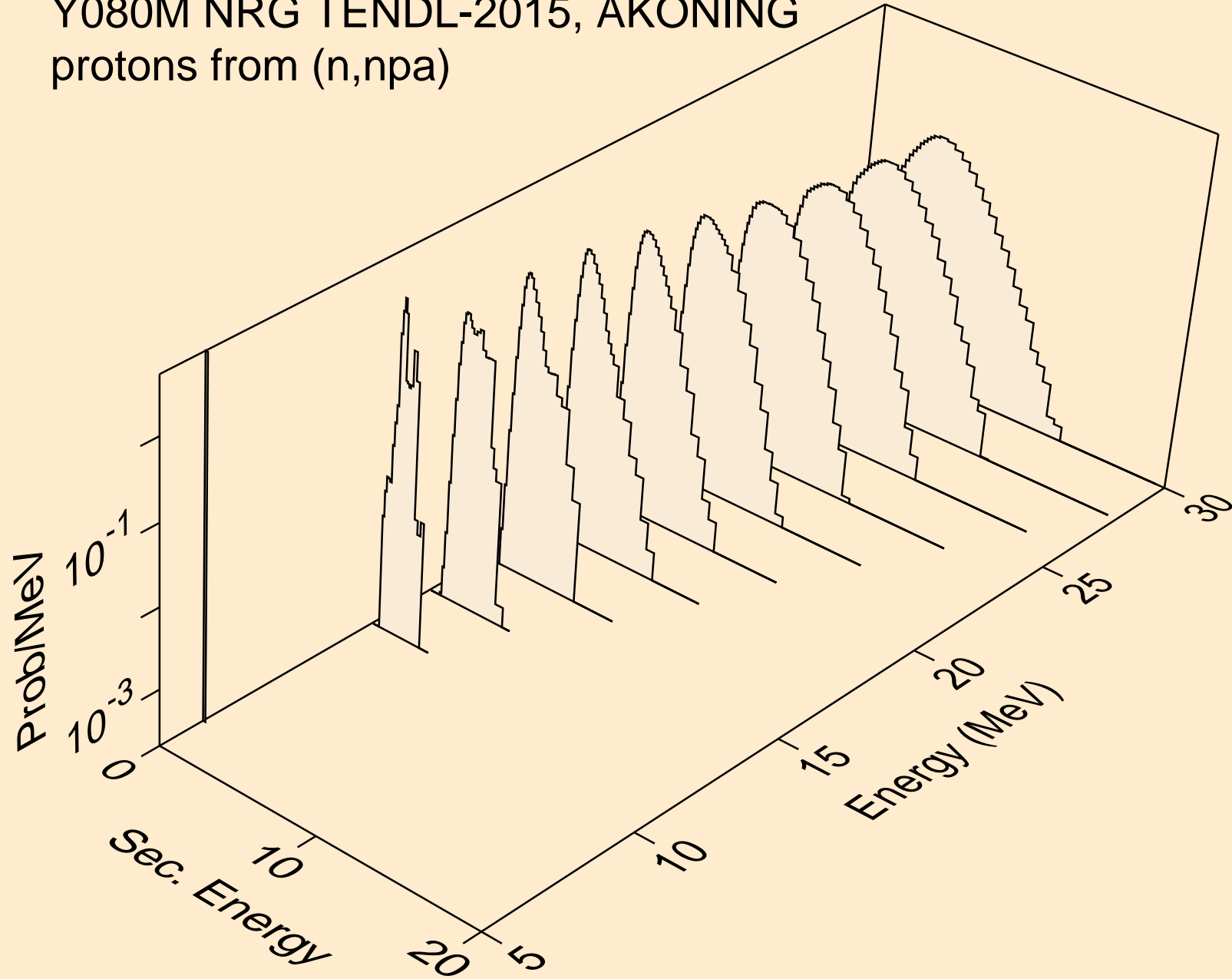




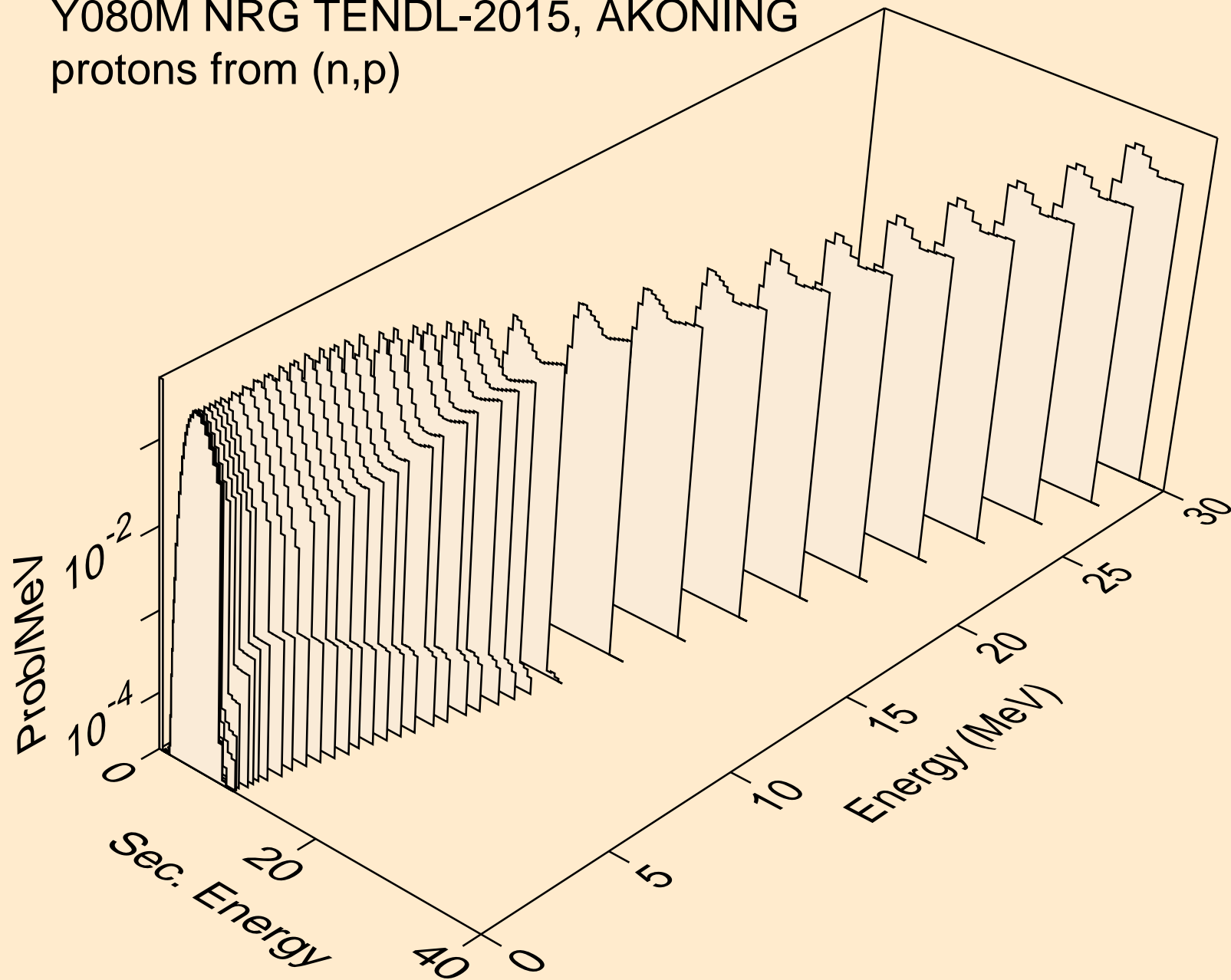
Y080M NRG TENDL-2015, AKONING  
protons from (n,2np)



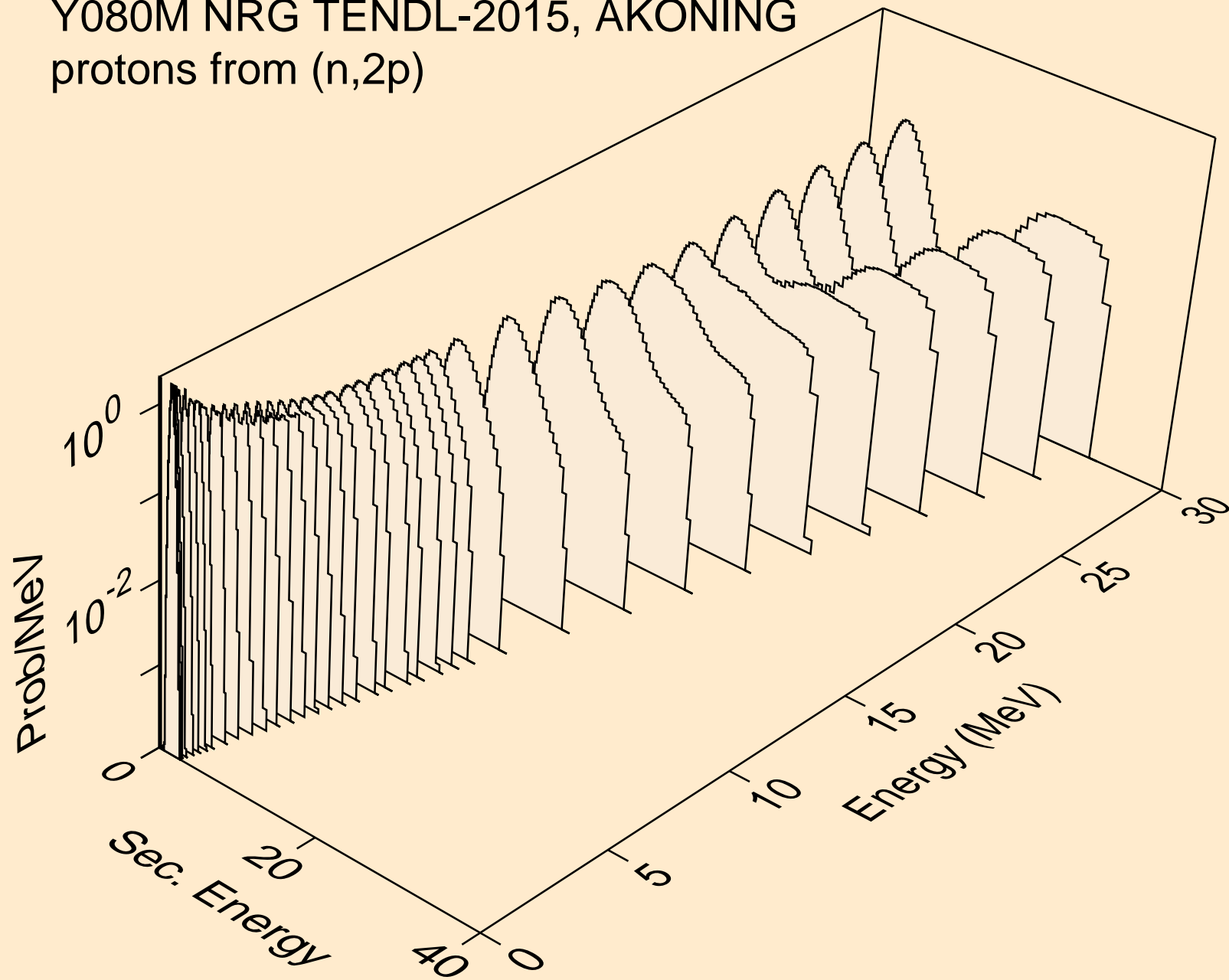
Y080M NRG TENDL-2015, AKONING  
protons from (n,npa)



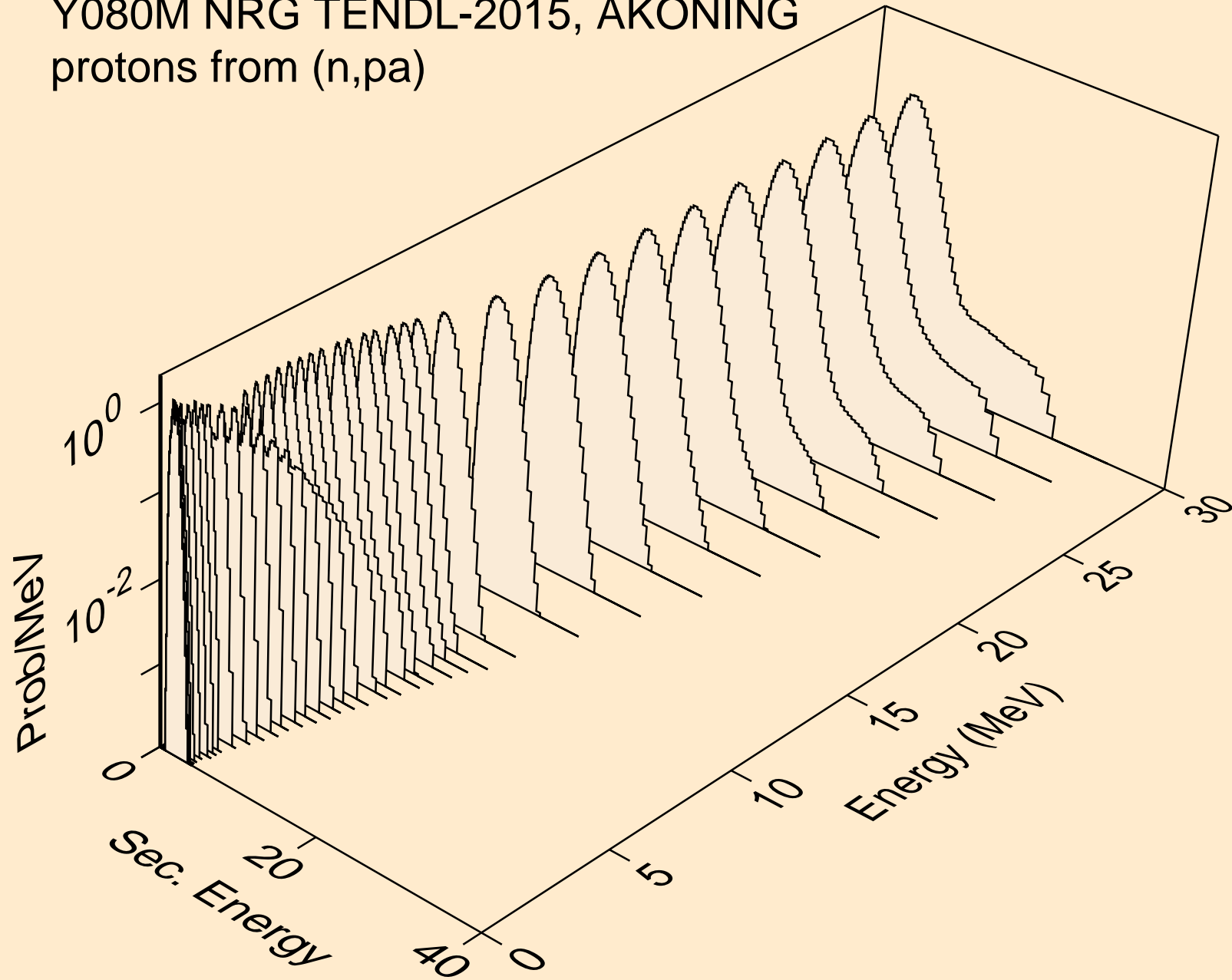
Y080M NRG TENDL-2015, AKONING  
protons from (n,p)



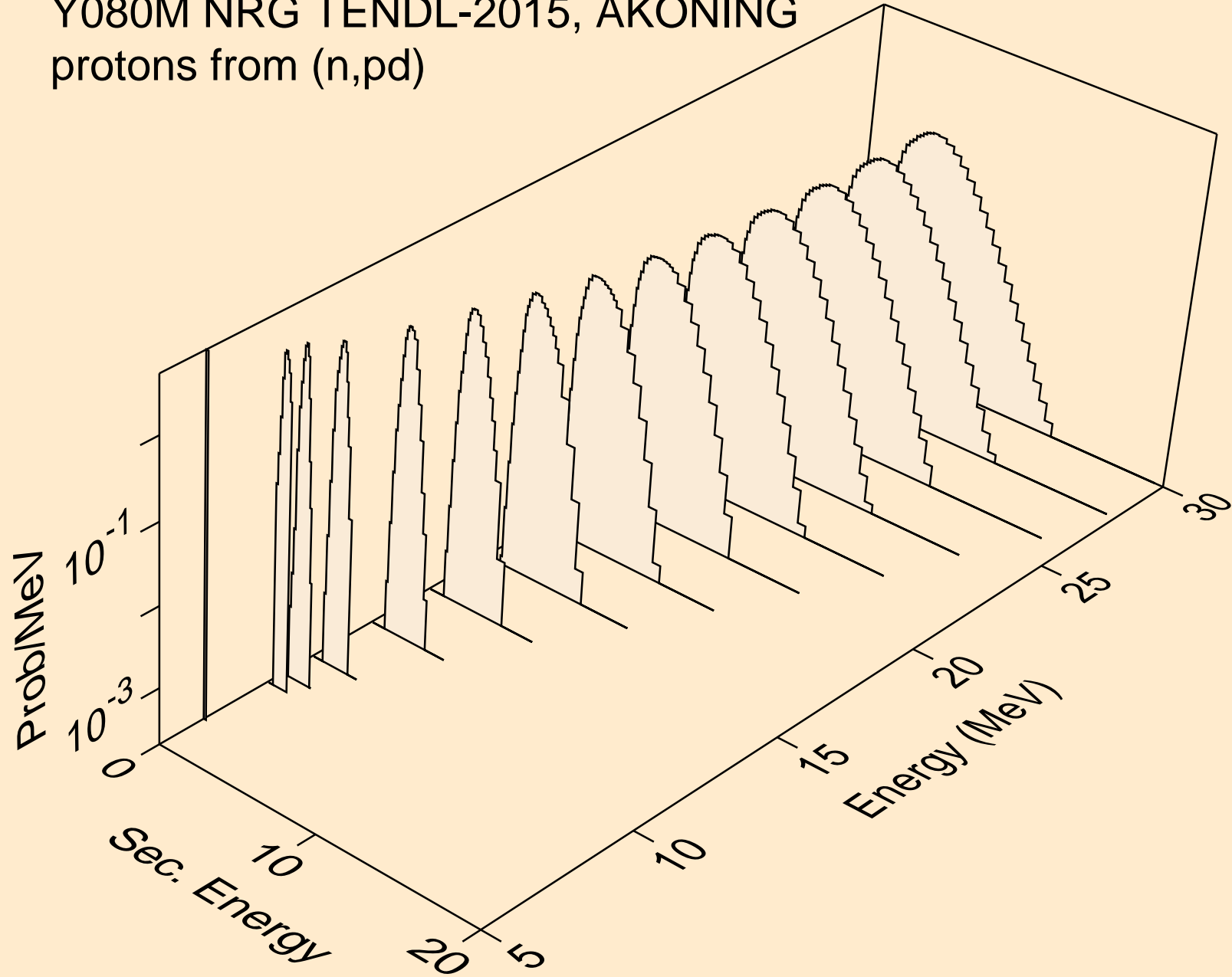
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protons from (n,2p)



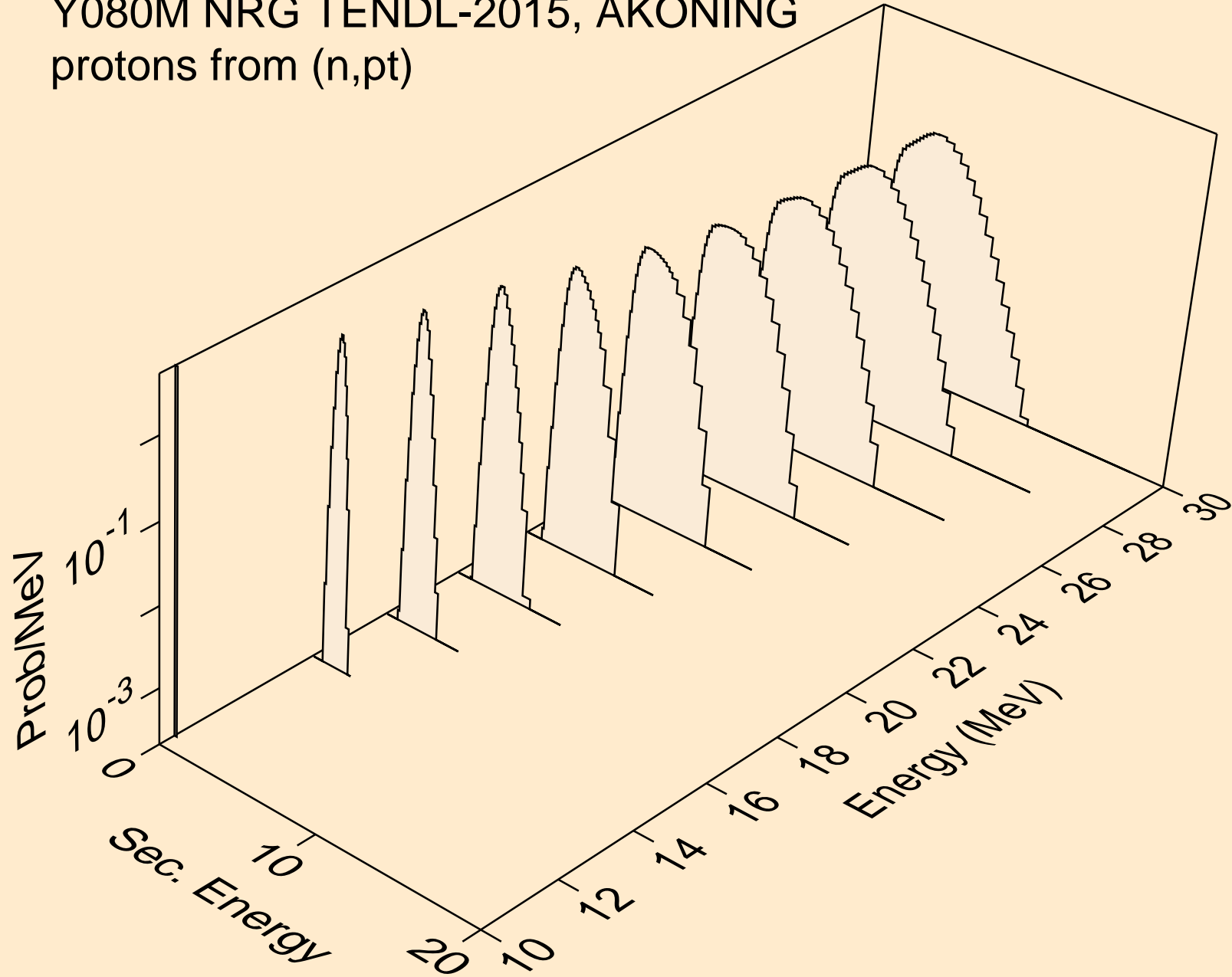
Y080M NRG TENDL-2015, AKONING  
protons from (n,pa)



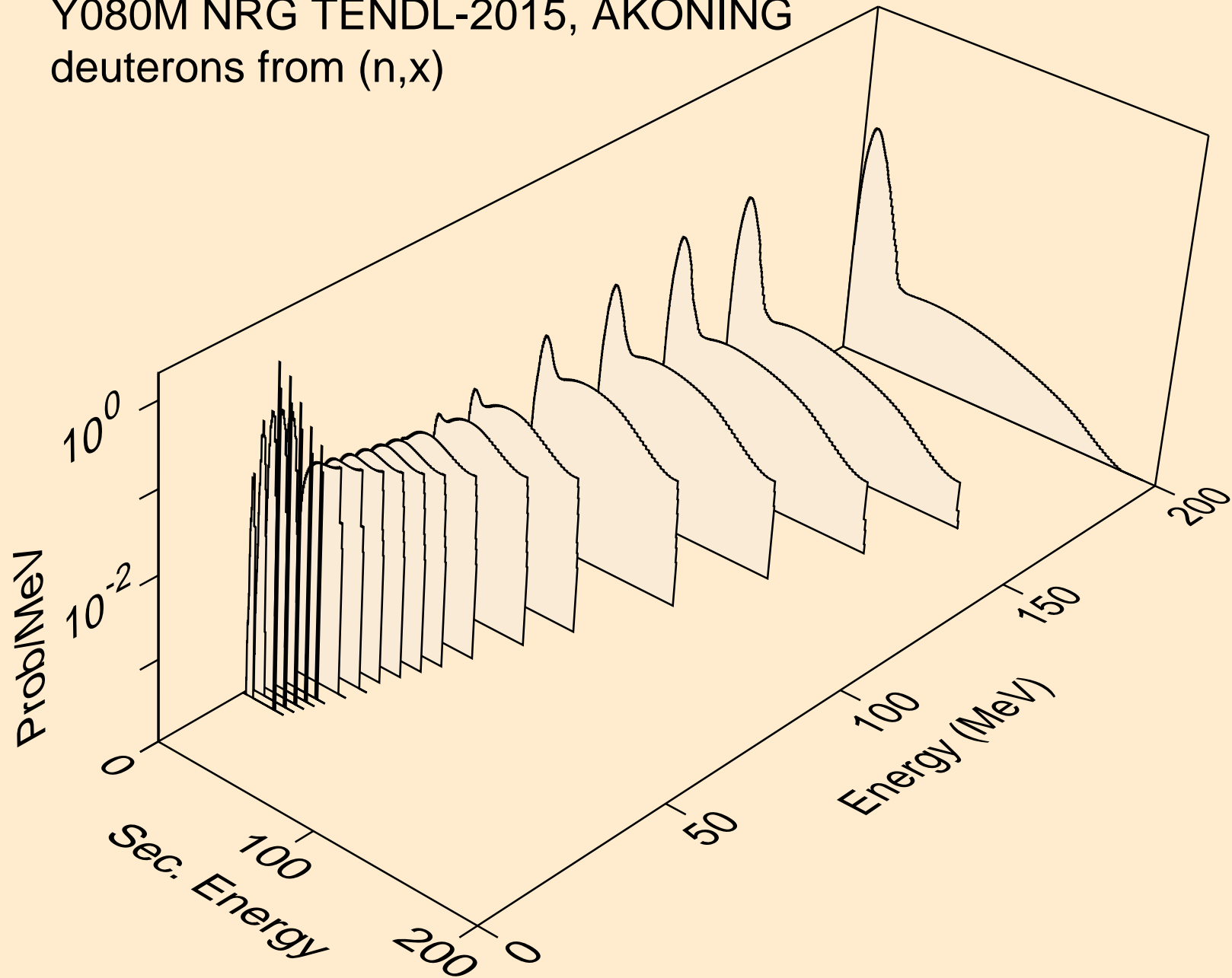
Y080M NRG TENDL-2015, AKONING  
protons from (n,pd)



Y080M NRG TENDL-2015, AKONING  
protons from (n,pt)

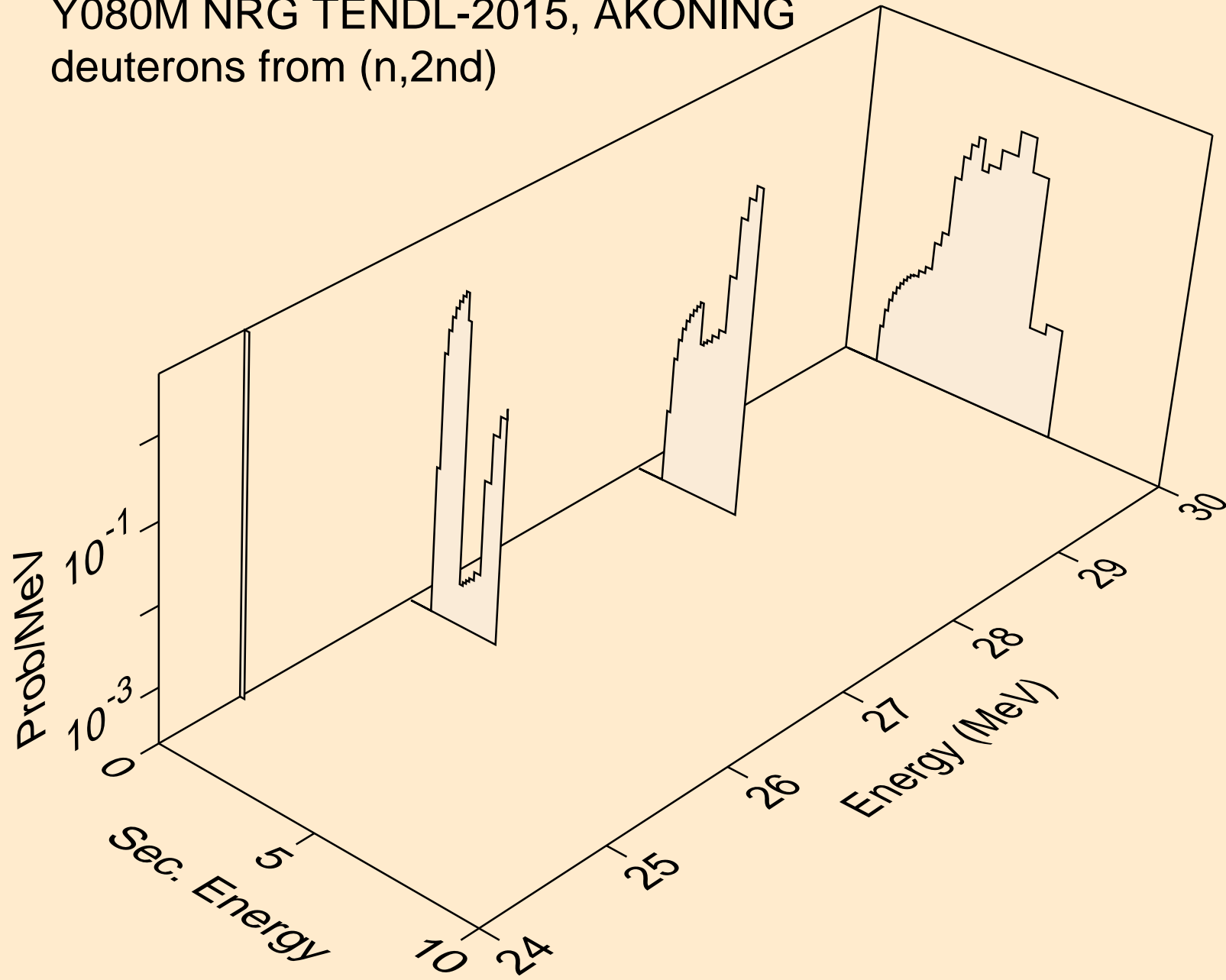


Y080M NRG TENDL-2015, AKONING  
deuterons from (n,x)

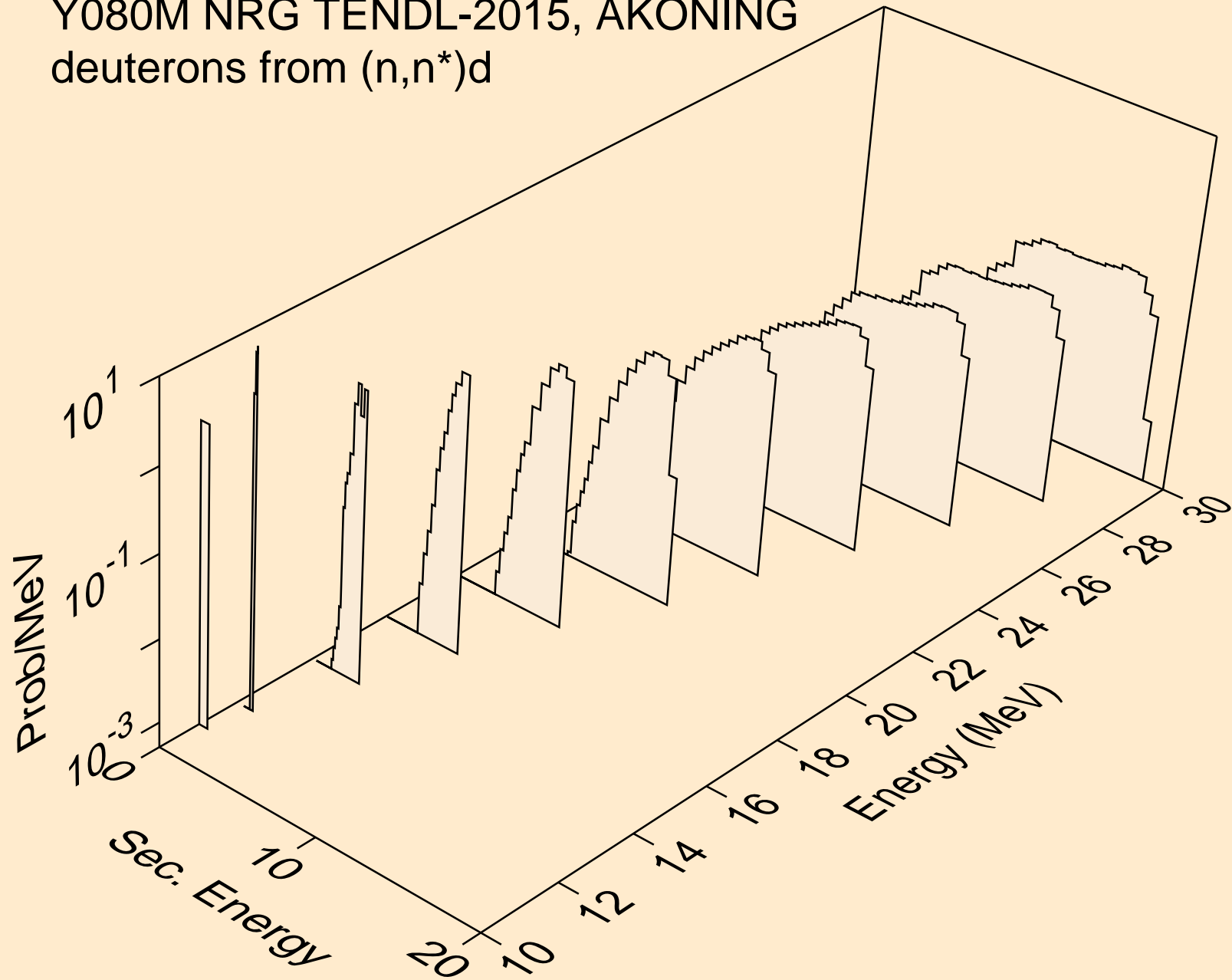




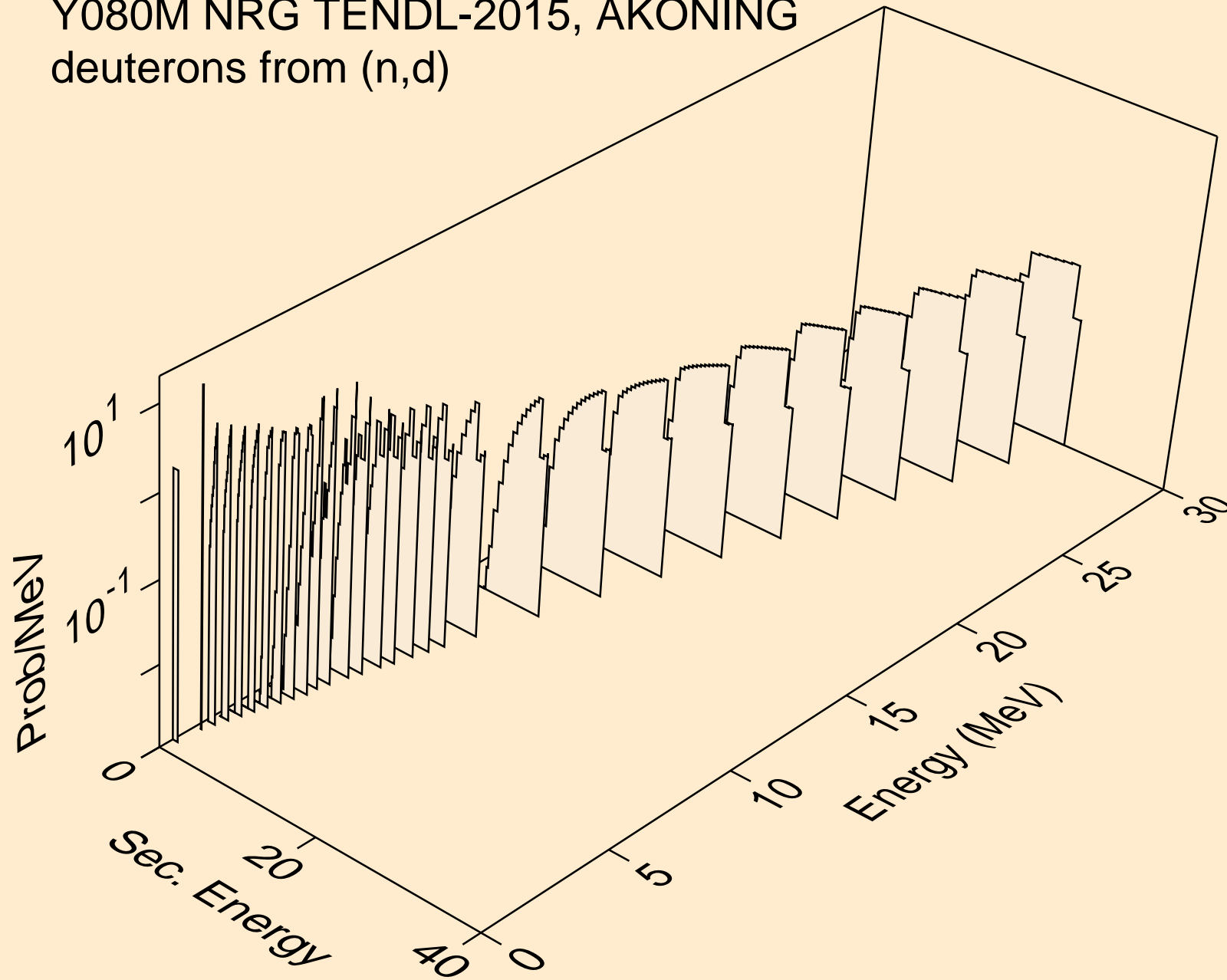
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deuterons from (n,2nd)



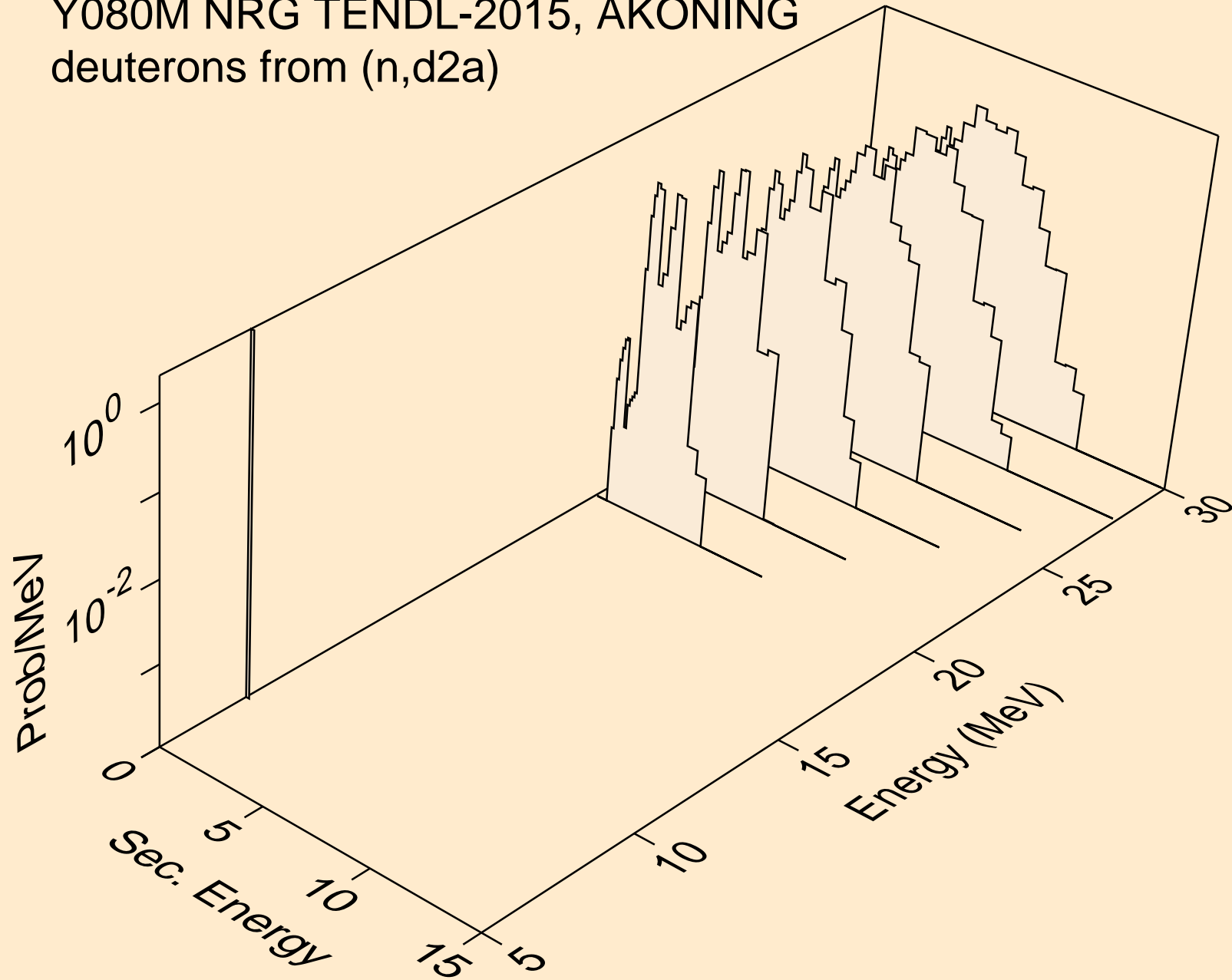
Y080M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



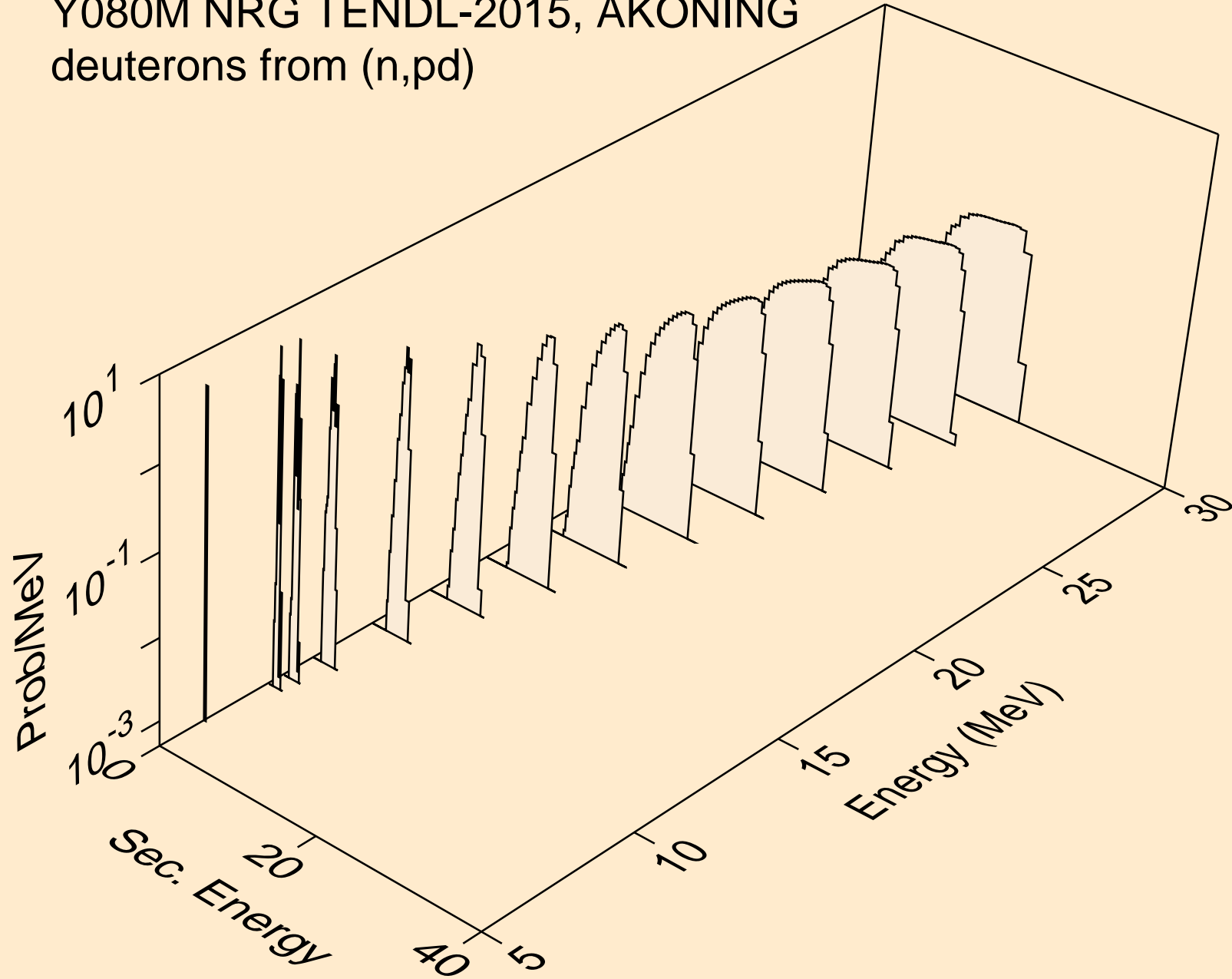
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deuterons from (n,d)



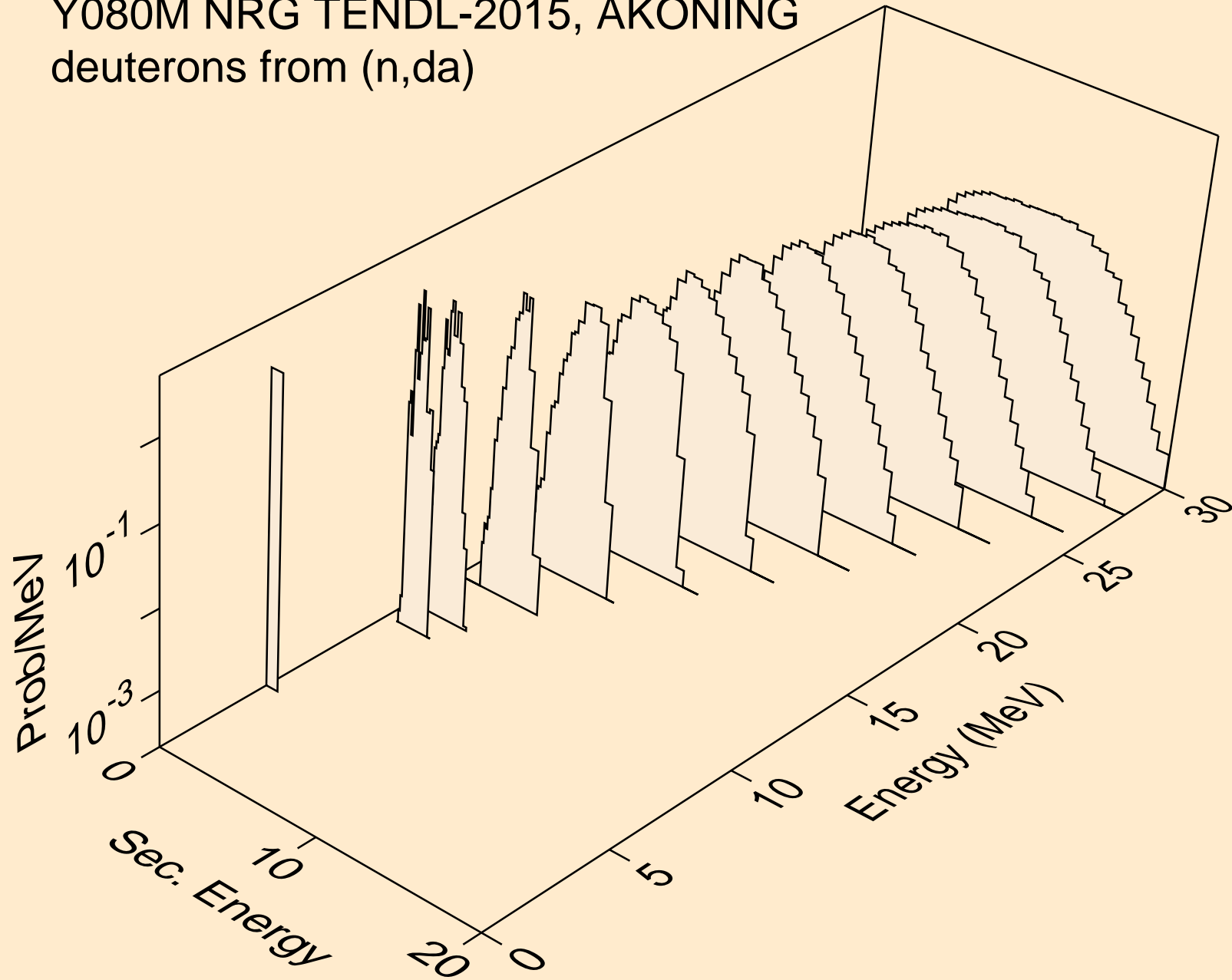
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deuterons from (n,d2a)



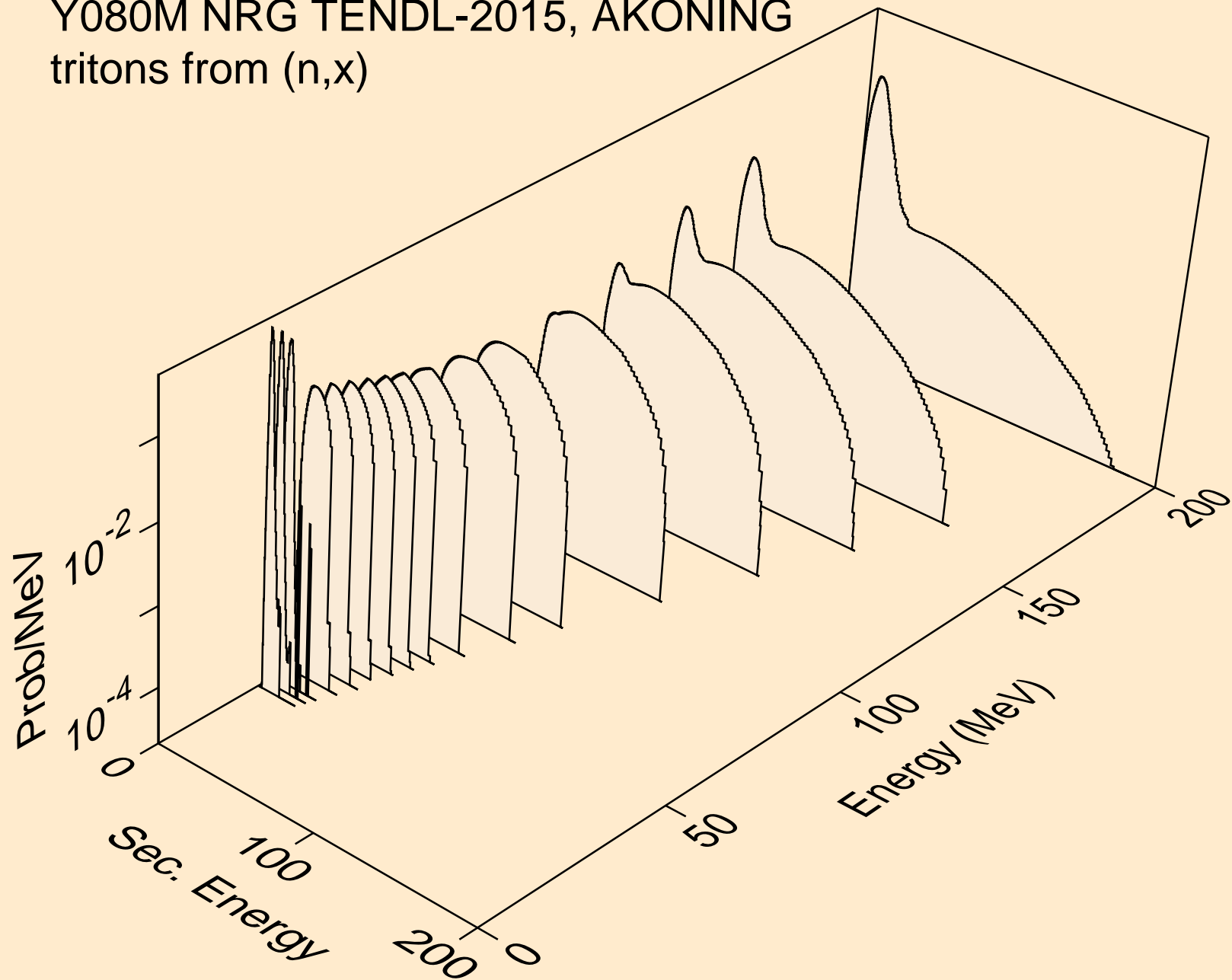
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deuterons from (n,pd)



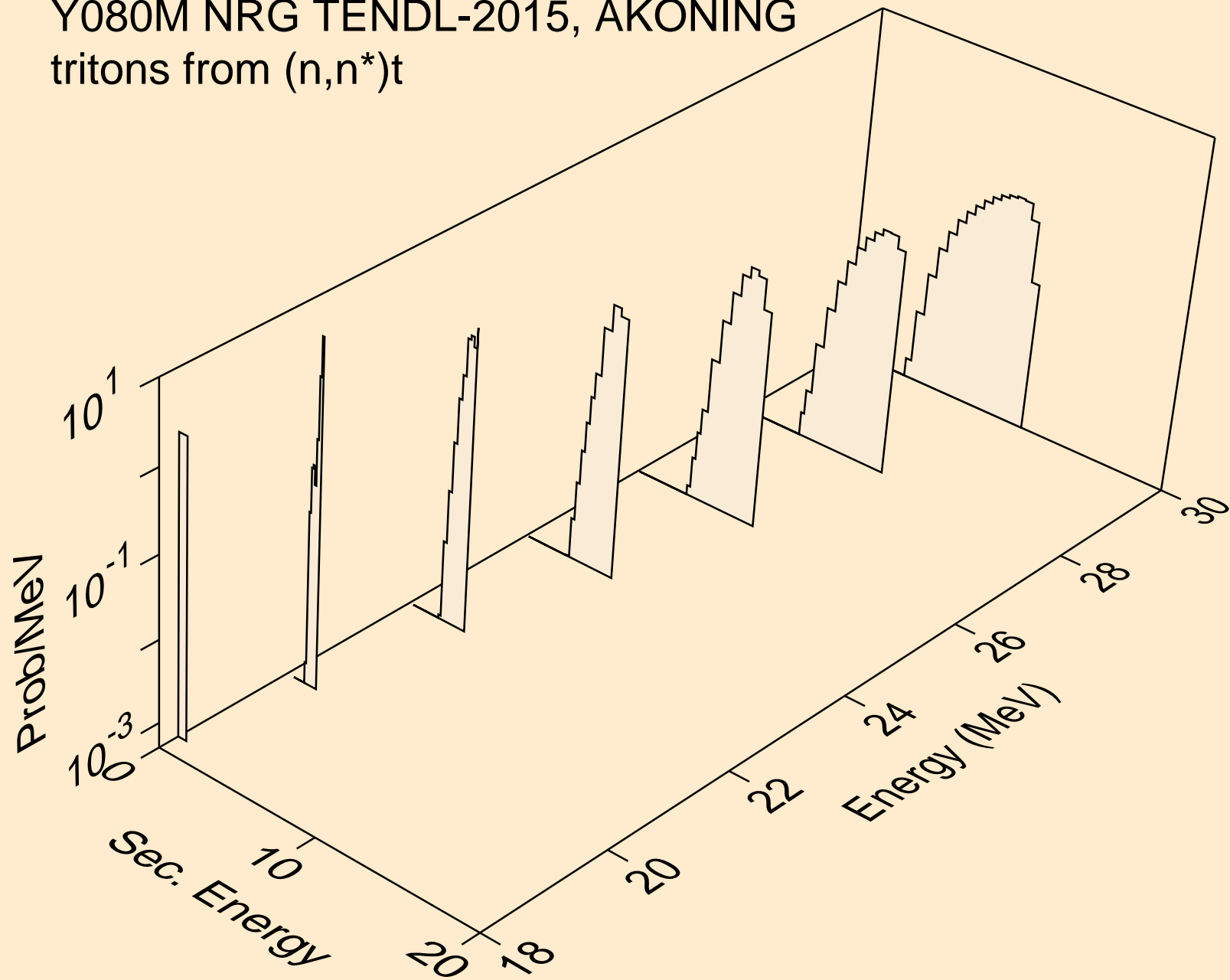
Y080M NRG TENDL-2015, AKONING  
deuterons from (n,da)



Y080M NRG TENDL-2015, AKONING  
tritons from (n,x)

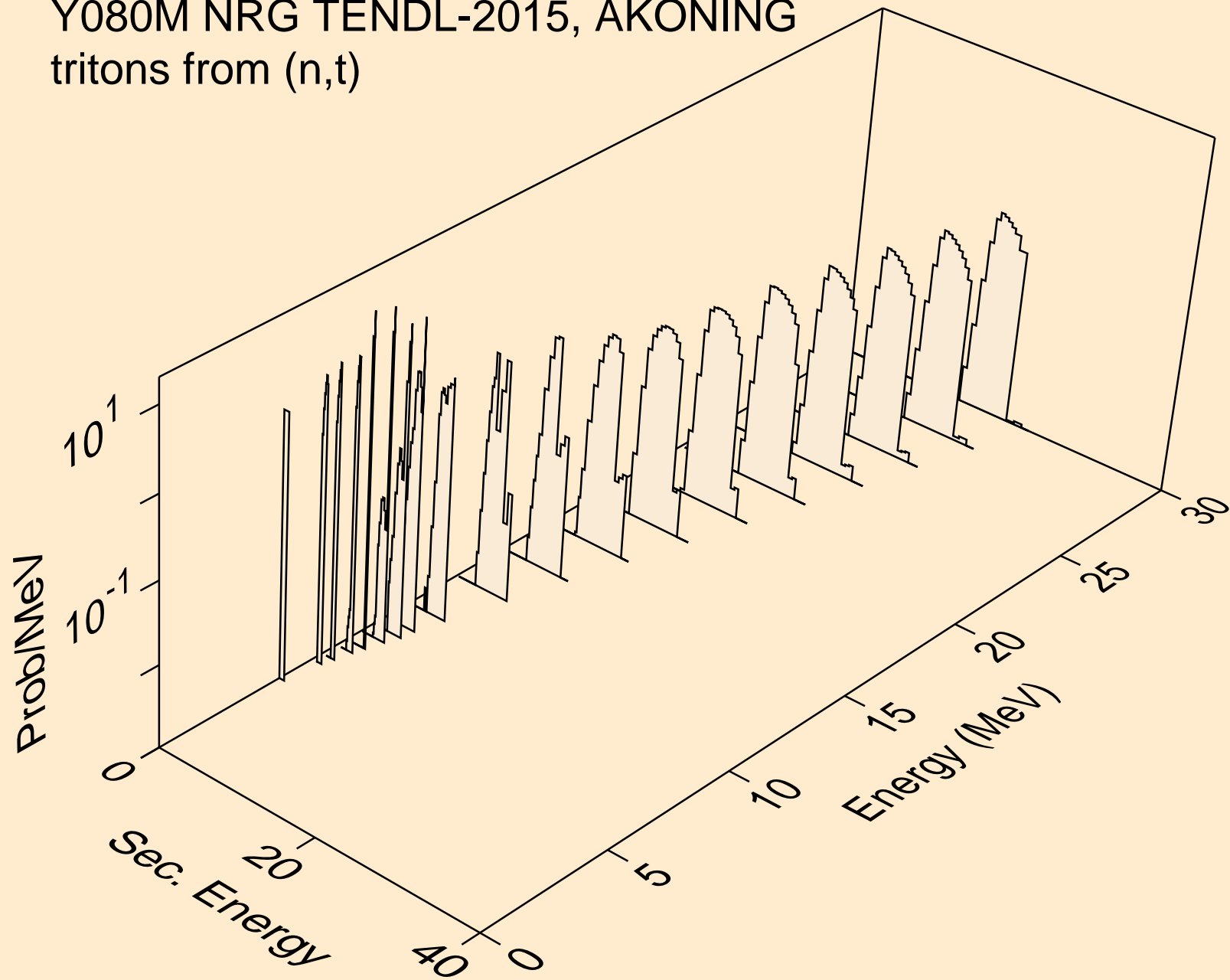


Y080M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

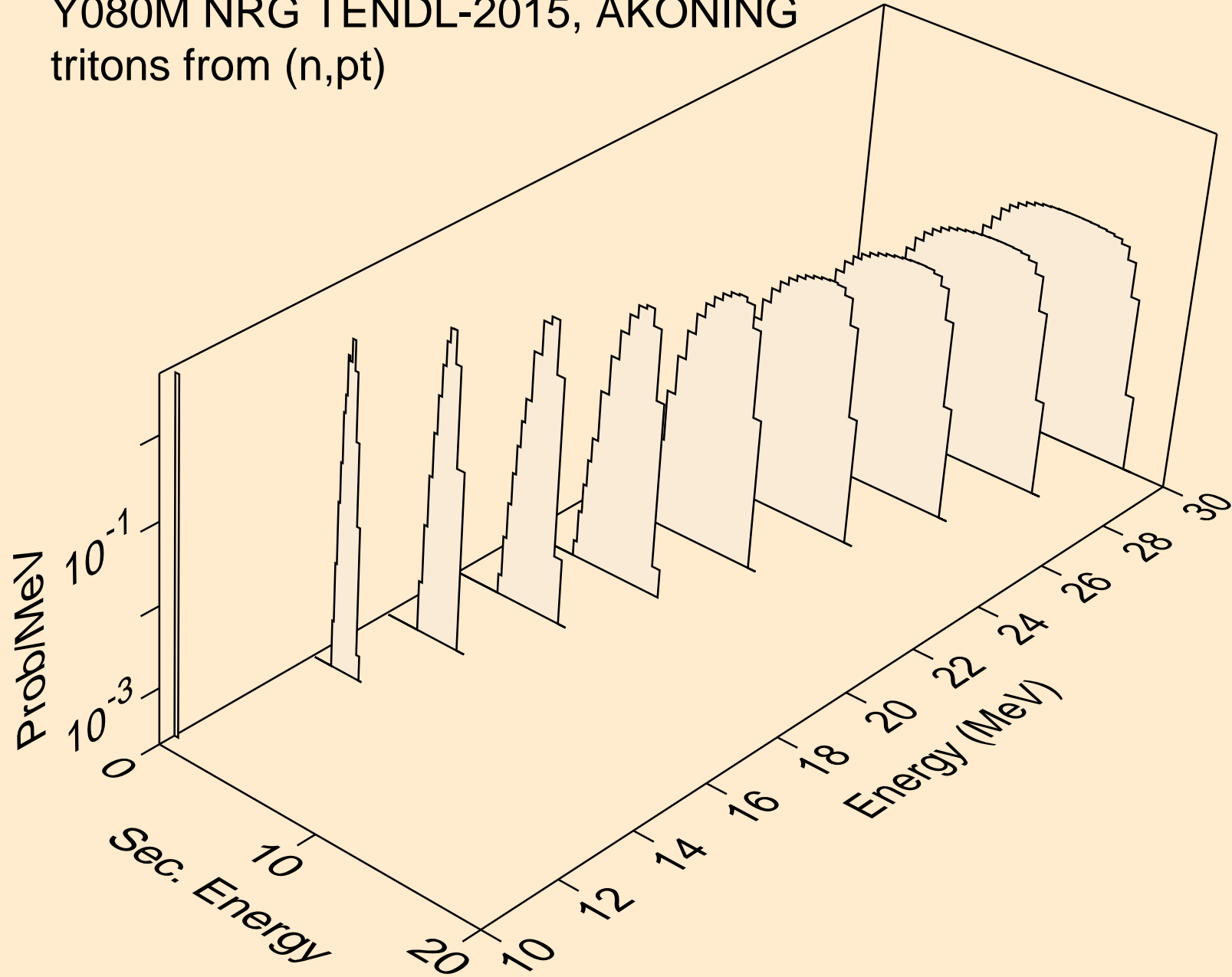




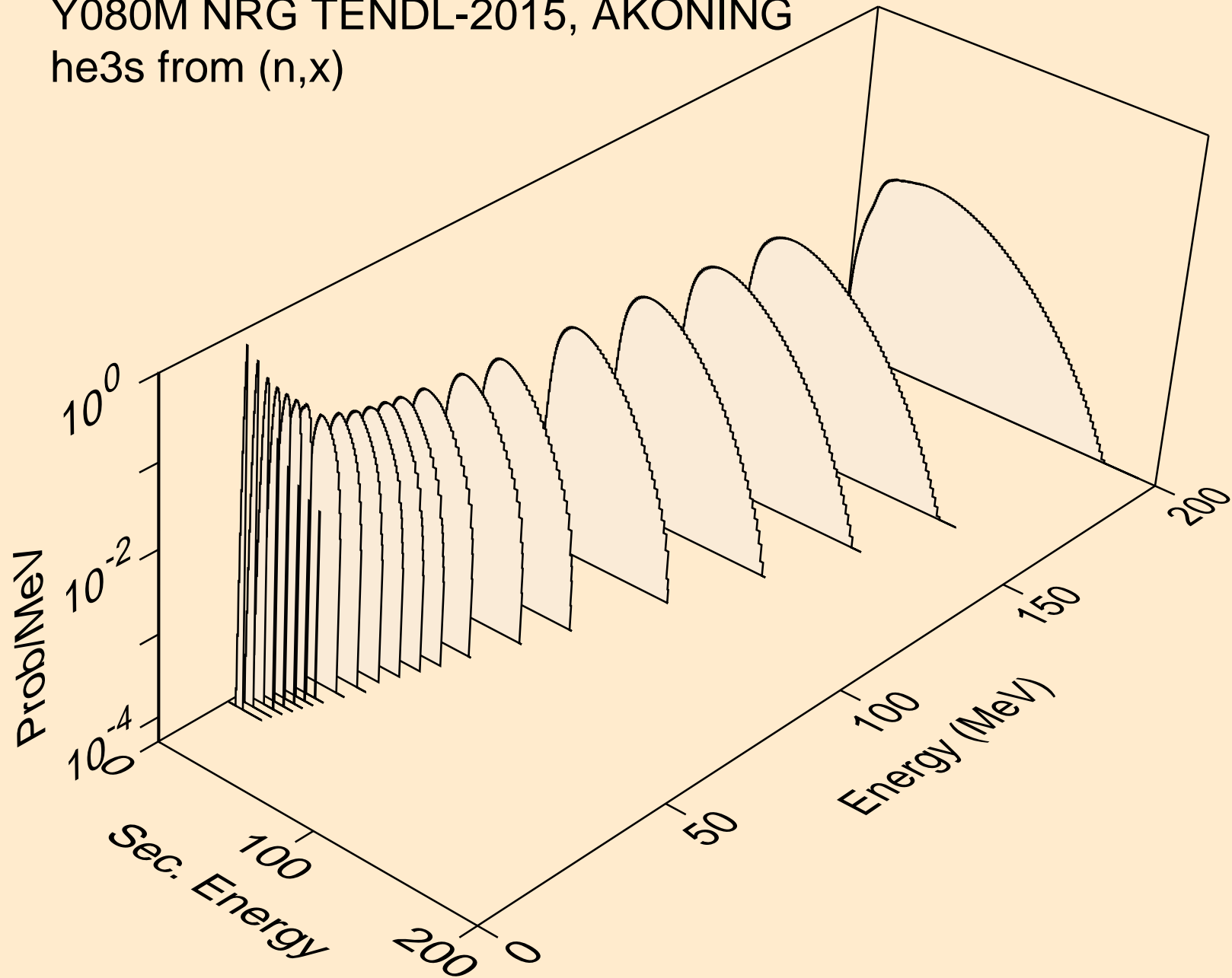
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tritons from (n,t)



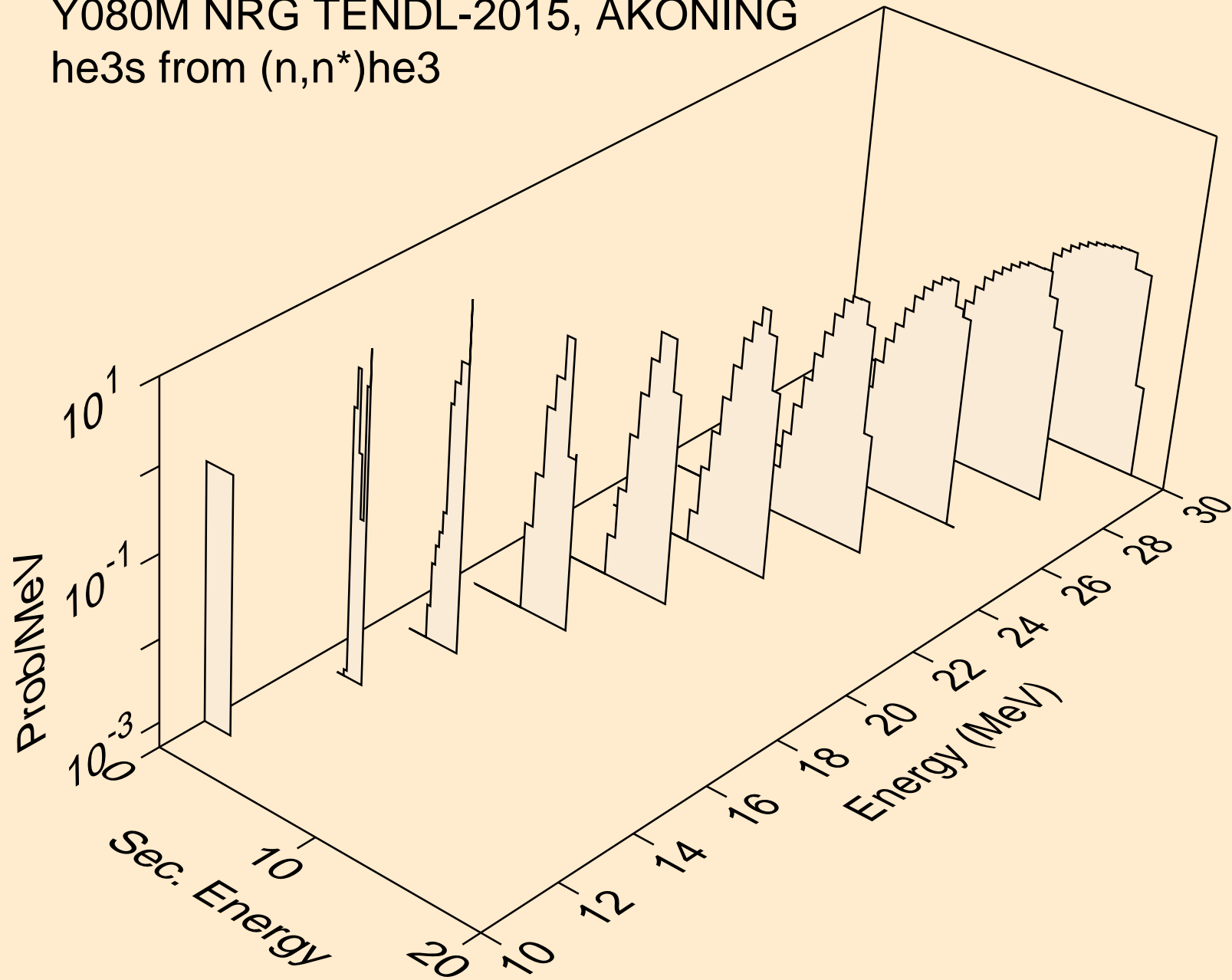
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tritons from (n,pt)



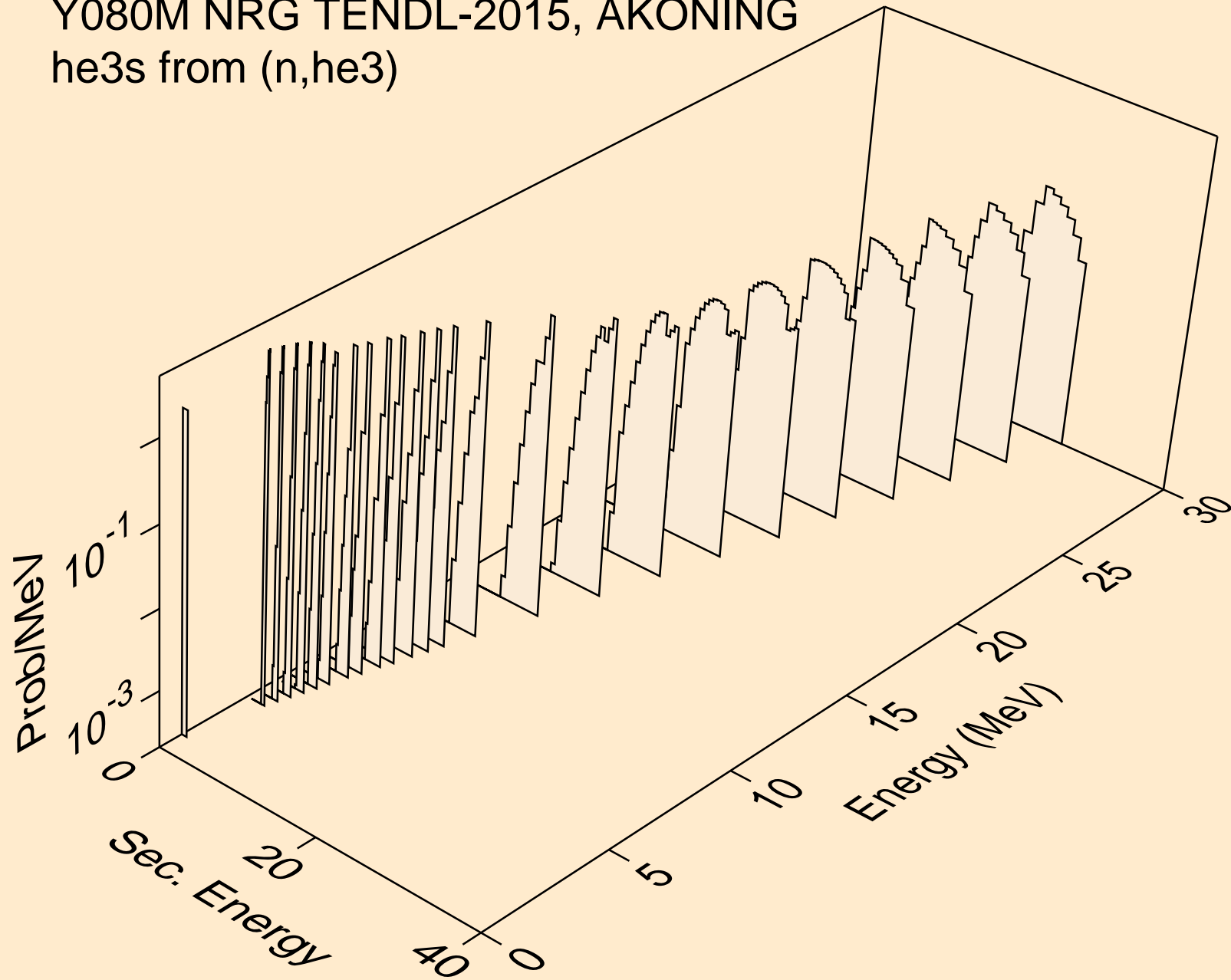
Y080M NRG TENDL-2015, AKONING  
he3s from (n,x)



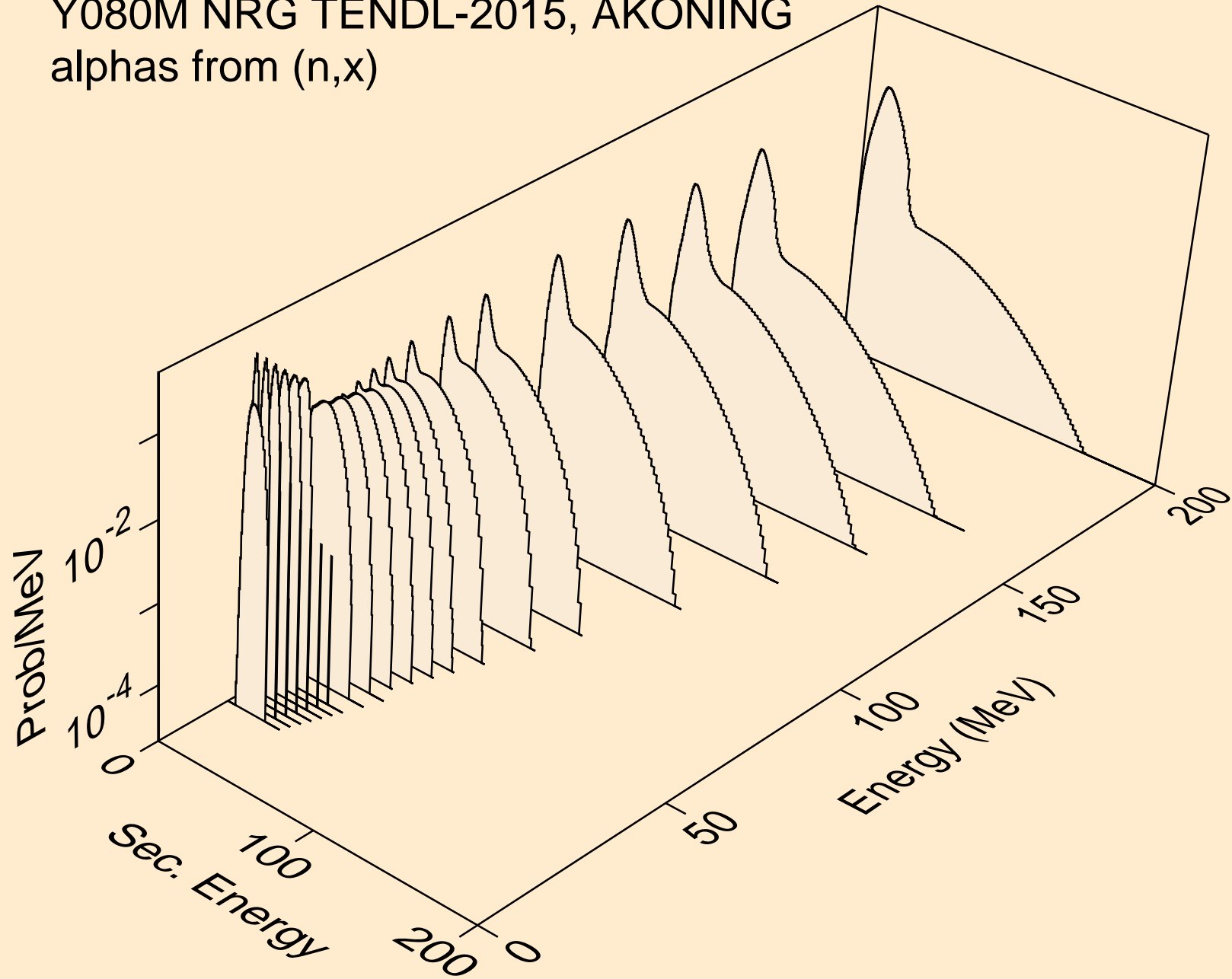
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he3s from (n,n\*)he3



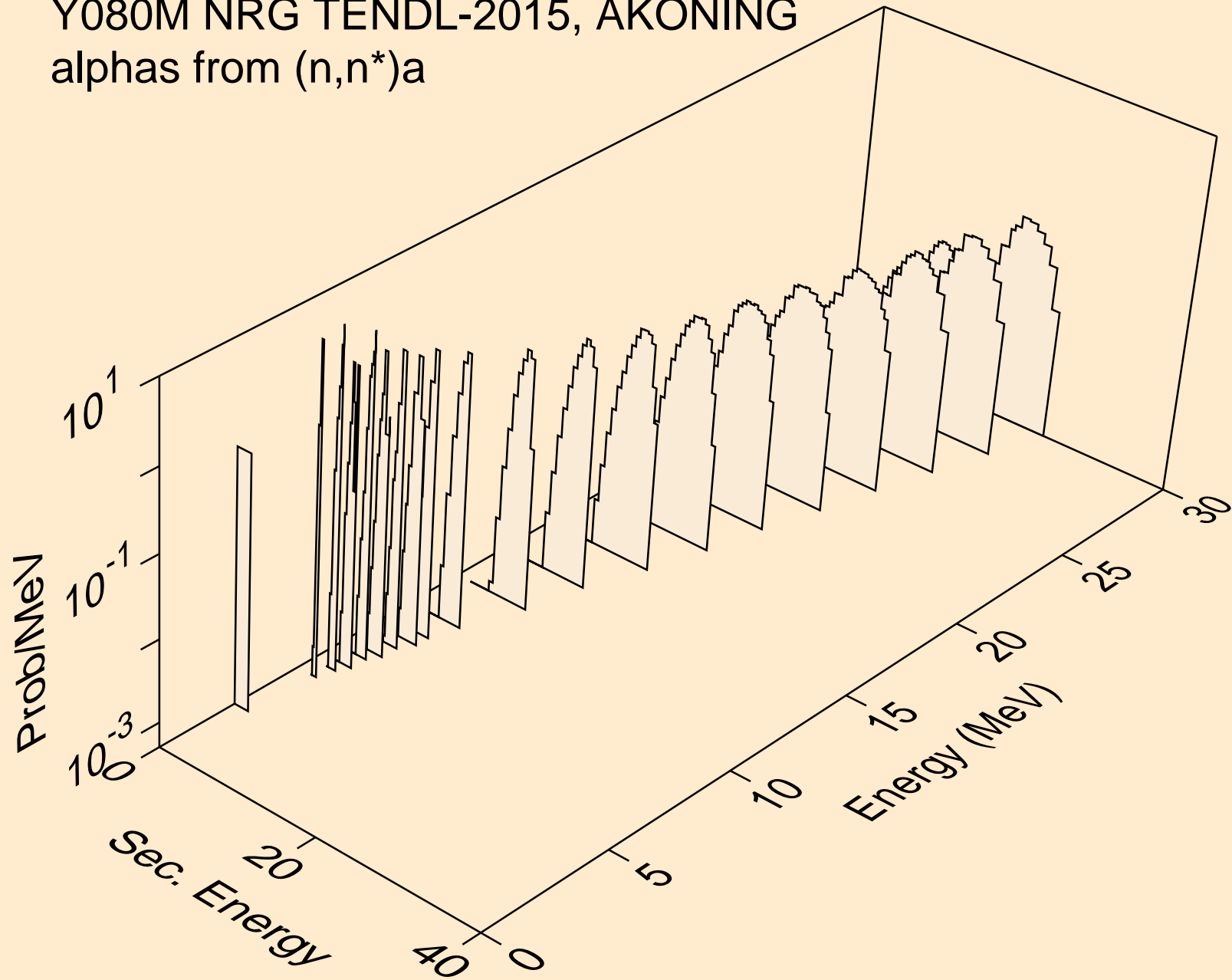
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he3s from (n,he3)



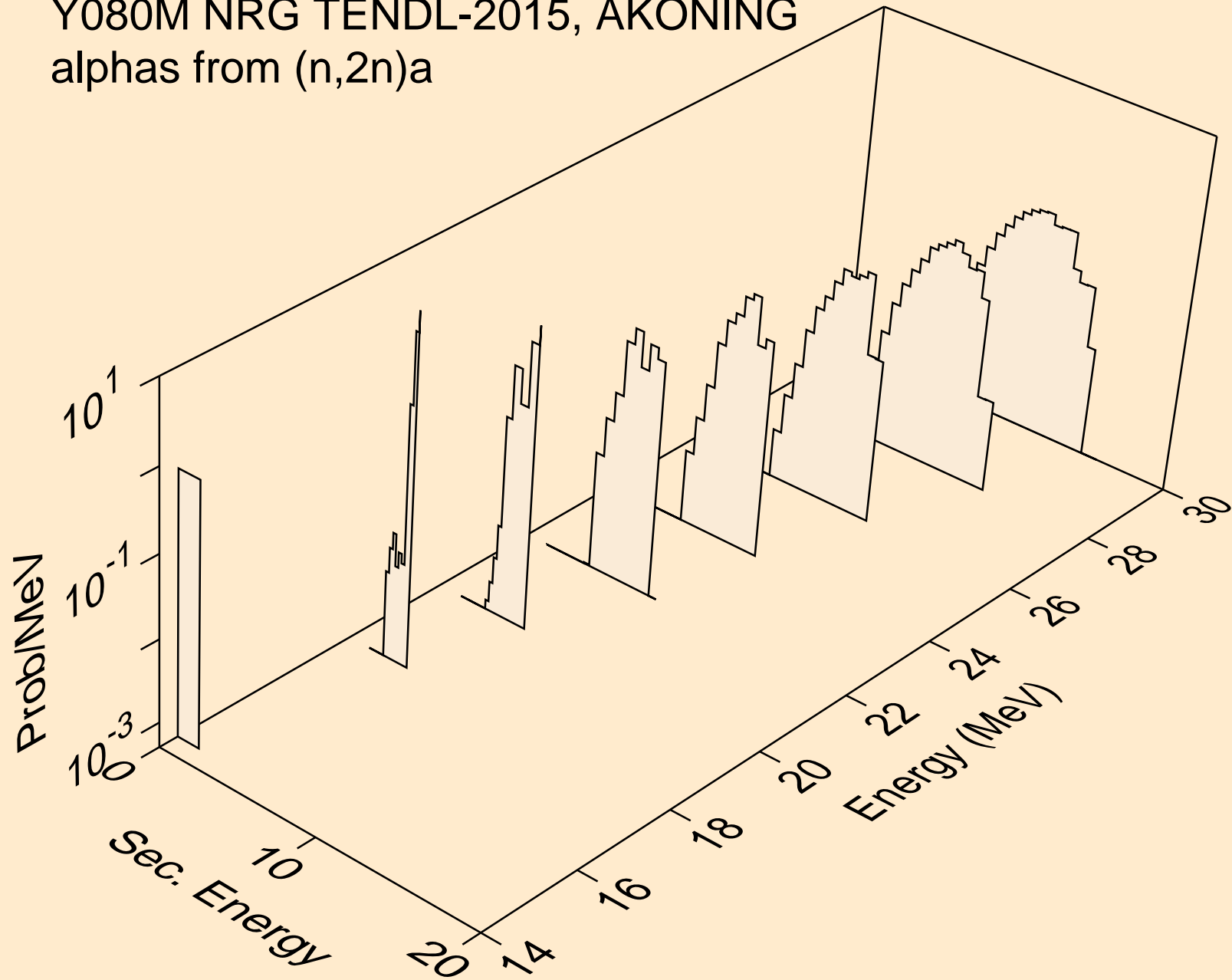
Y080M NRG TENDL-2015, AKONING  
alphas from (n,x)



Y080M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

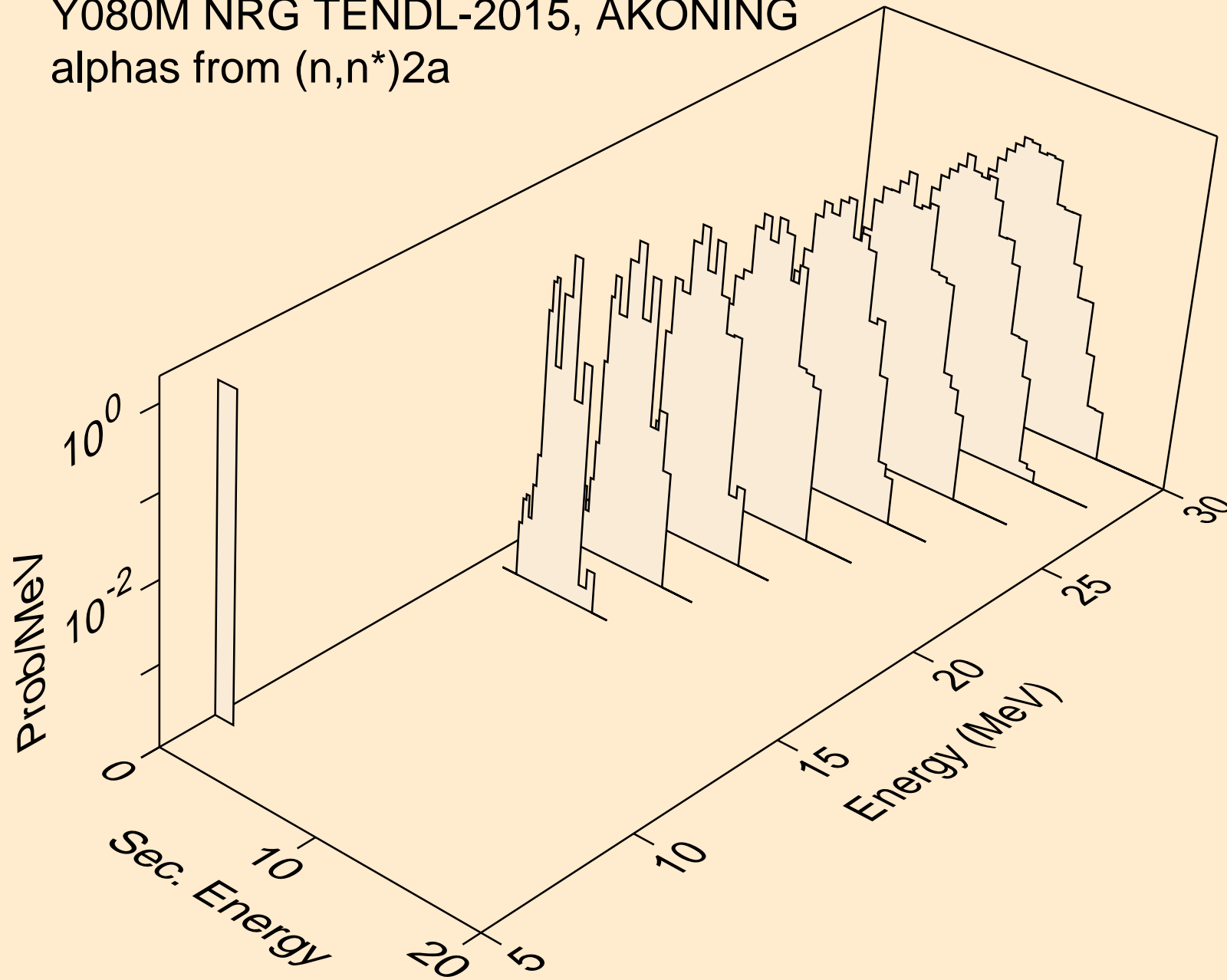


Y080M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

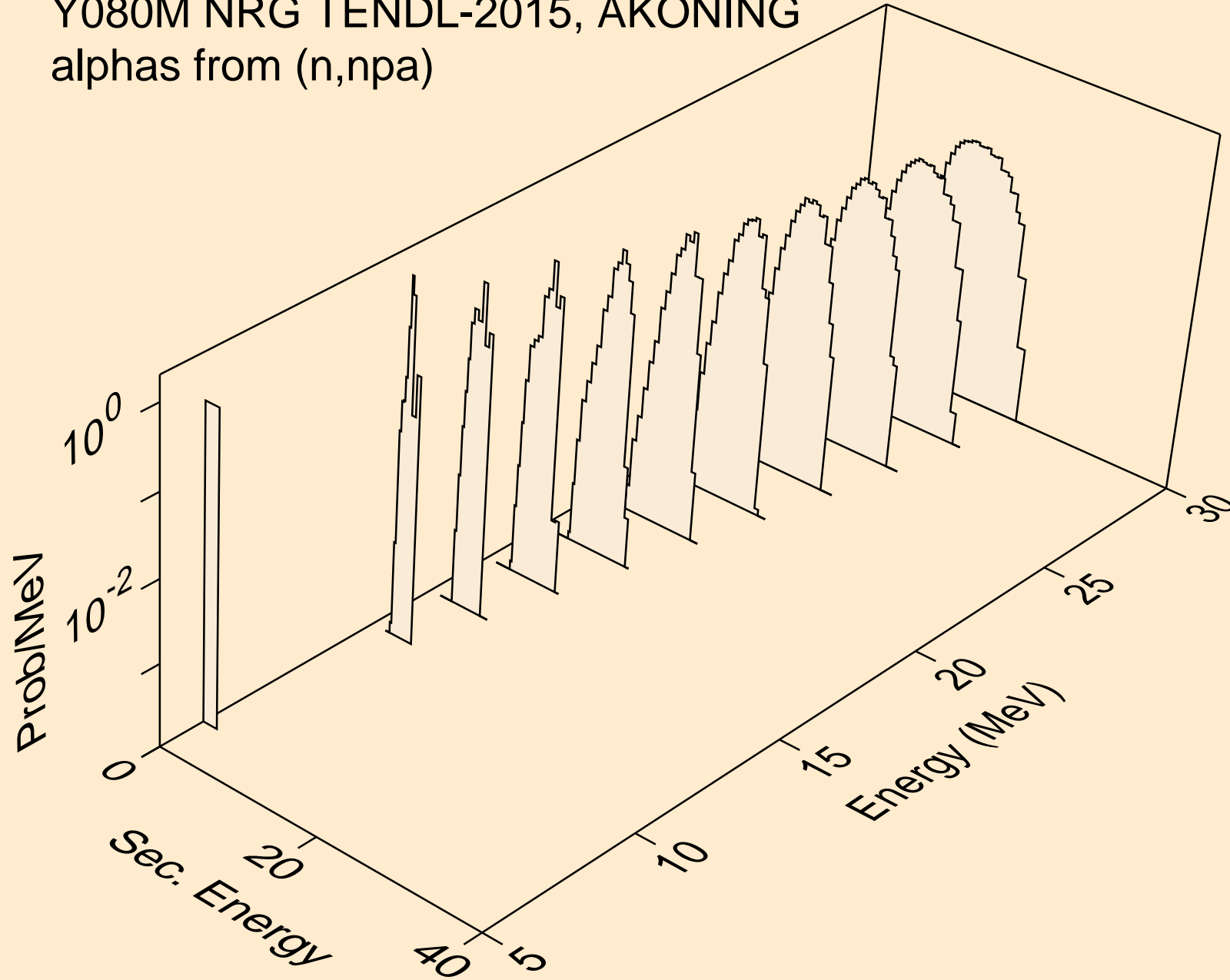




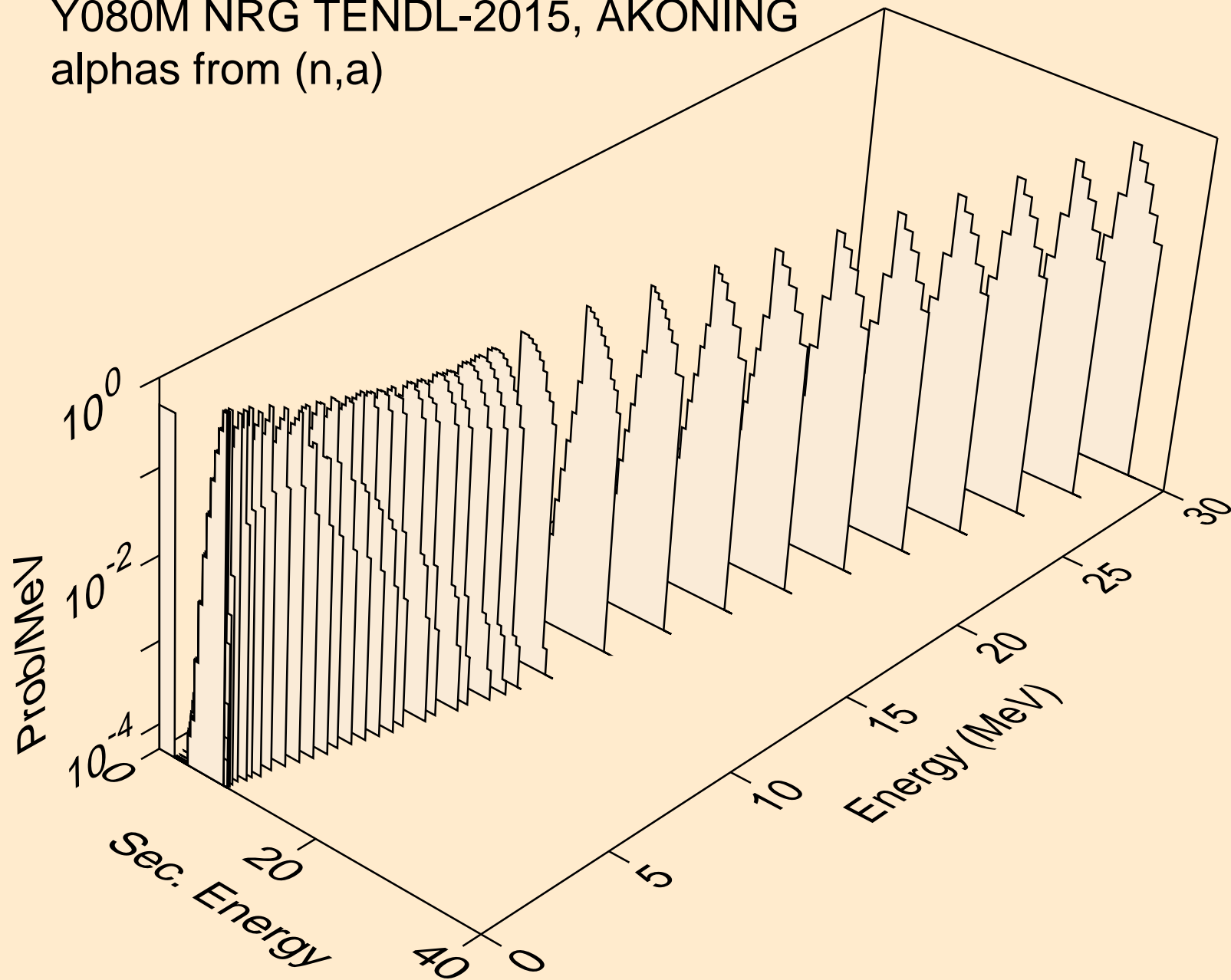
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alphas from (n,n\*)2a



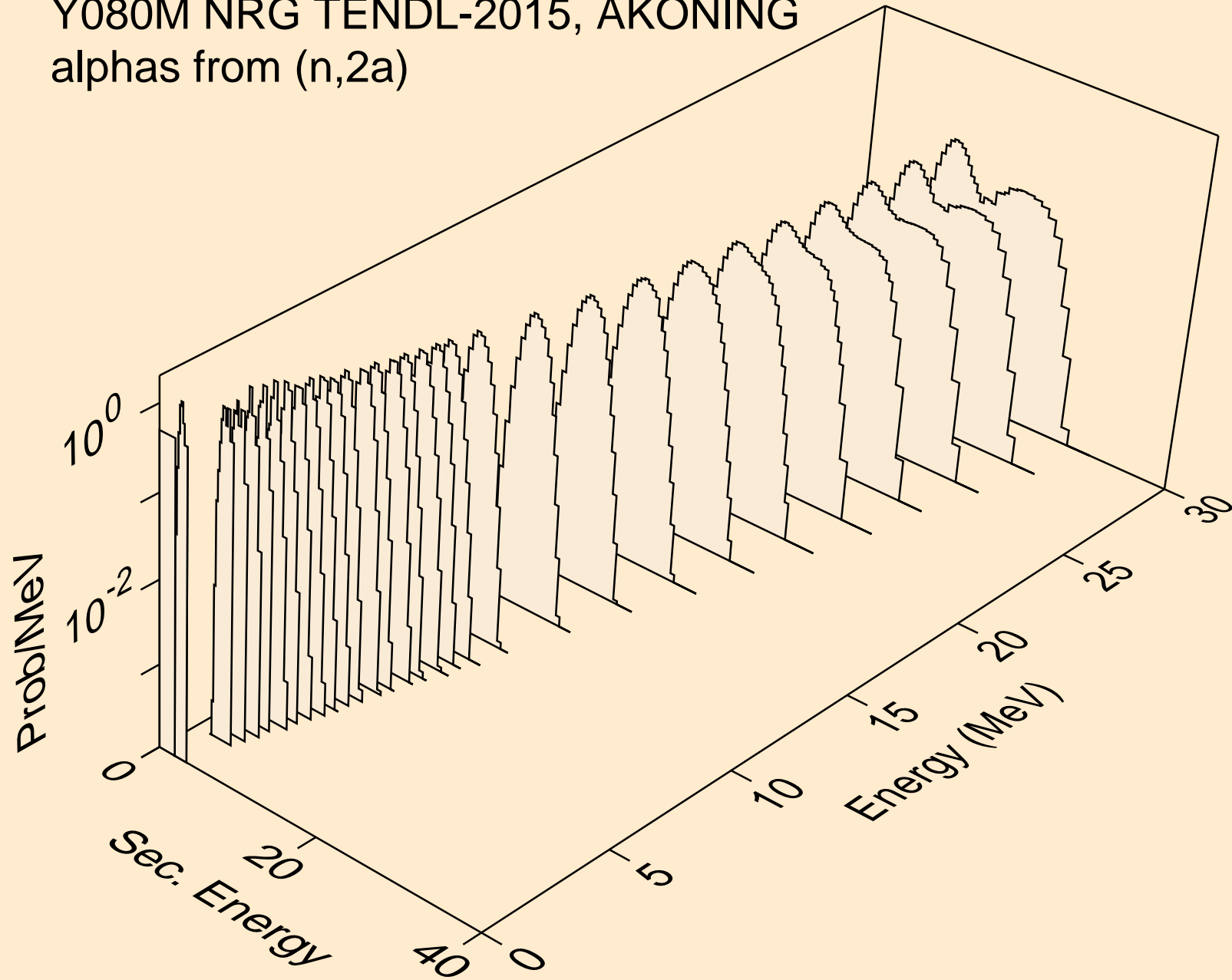
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alphas from (n,npa)



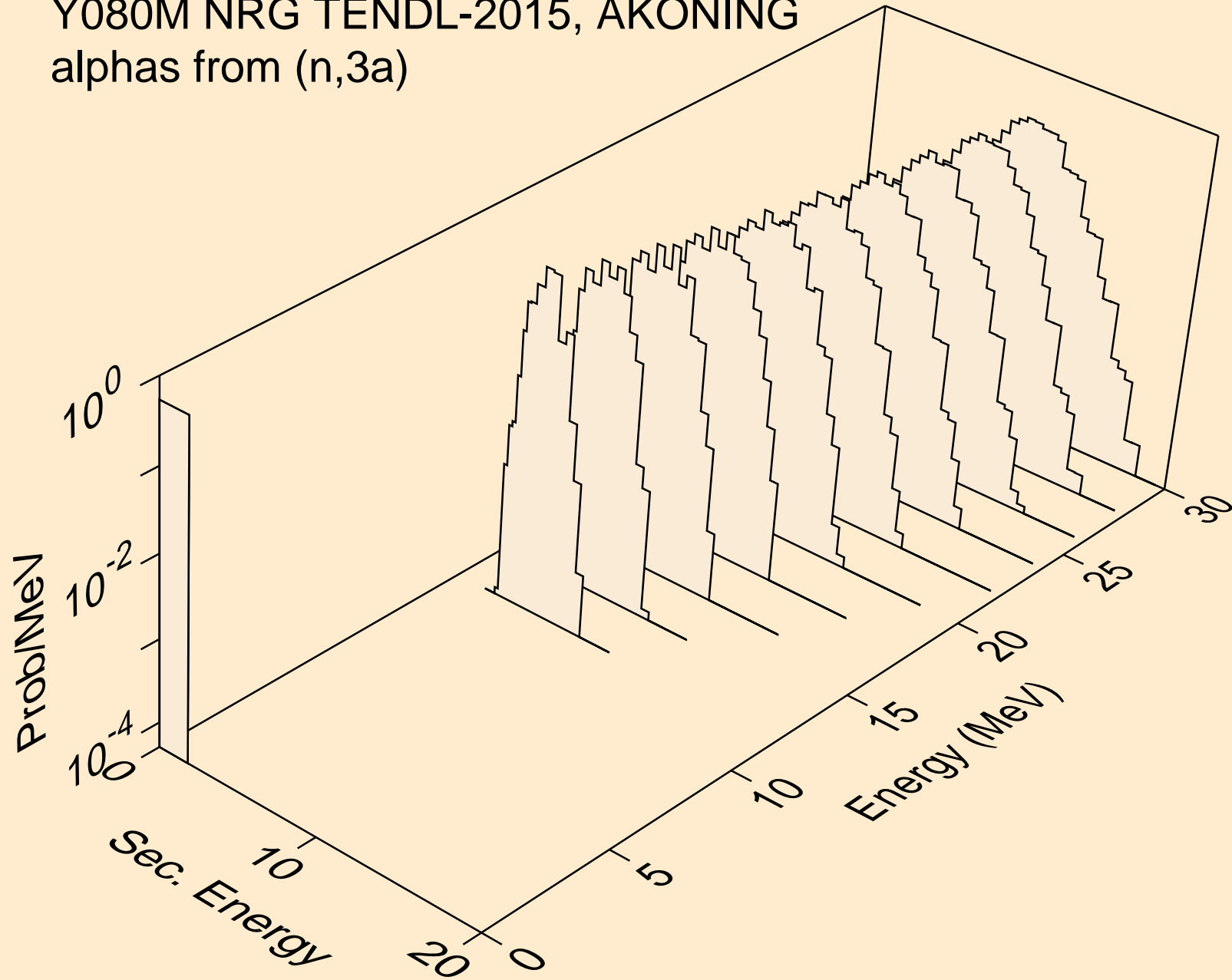
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alphas from (n,a)



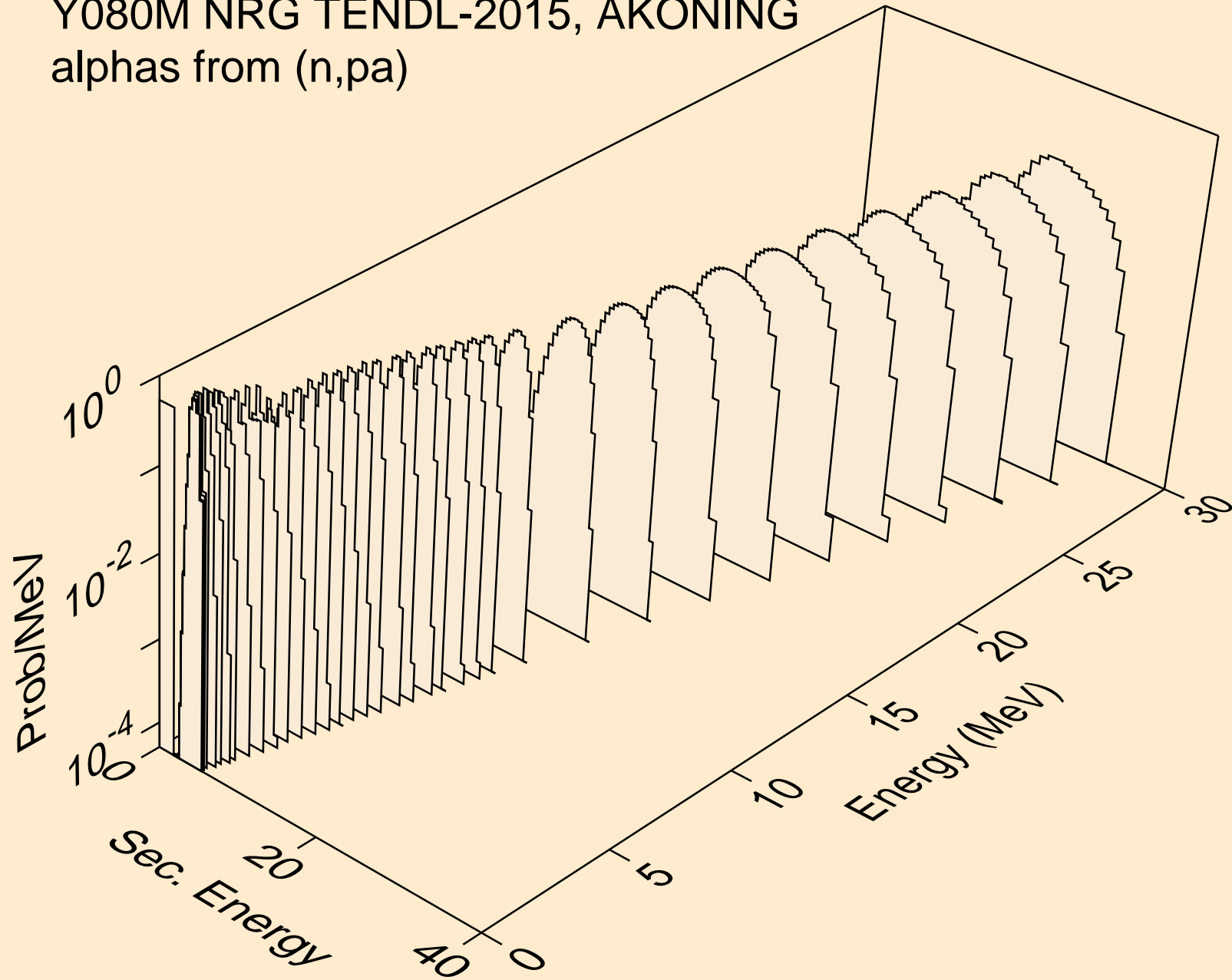
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alphas from (n,2a)



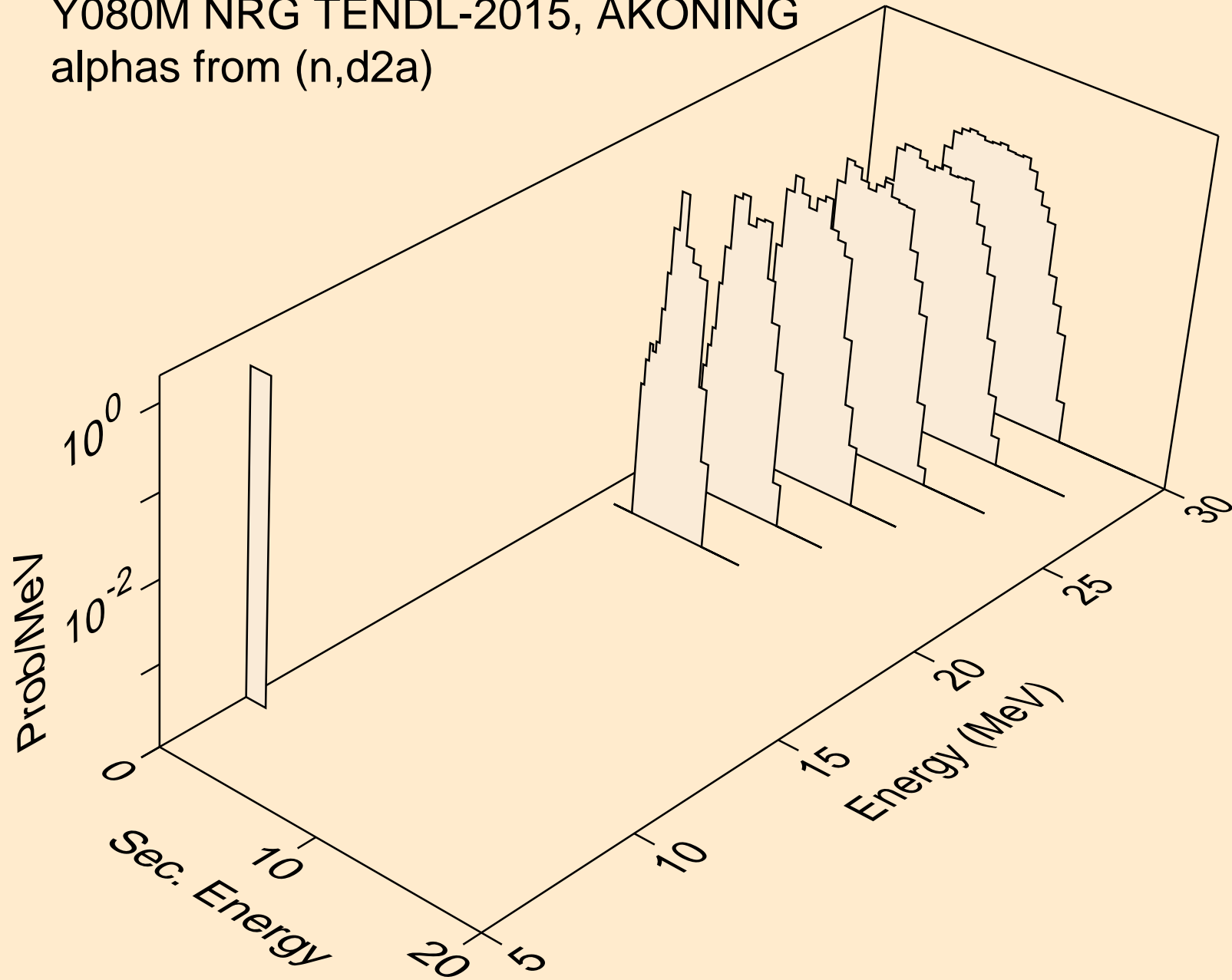
Y080M NRG TENDL-2015, AKONING  
alphas from (n,3a)



Y080M NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y080M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



Y080M NRG TENDL-2015, AKONING  
alphas from (n,da)

