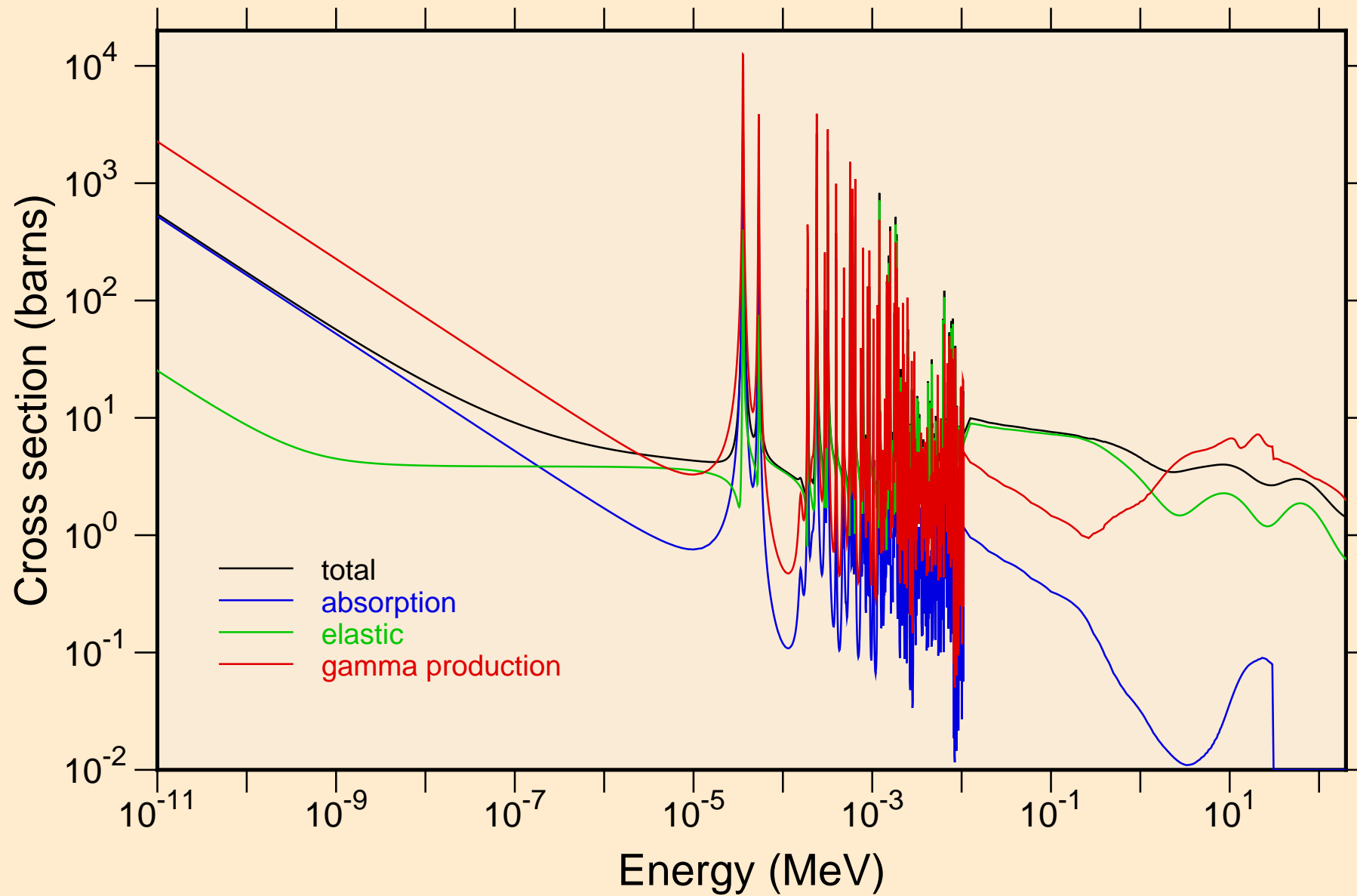
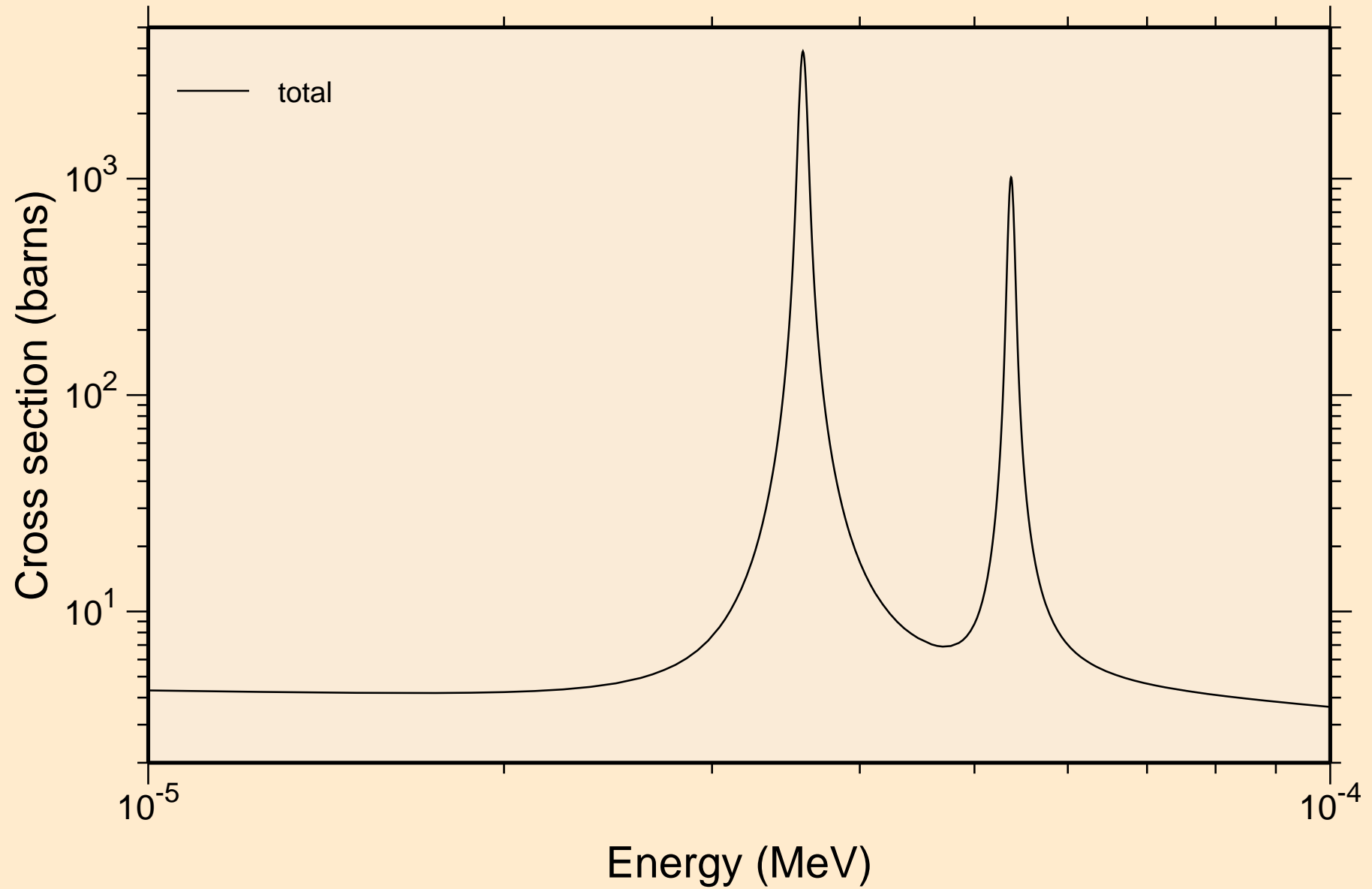


# BR079 NRG TENDL-2016, AKONING

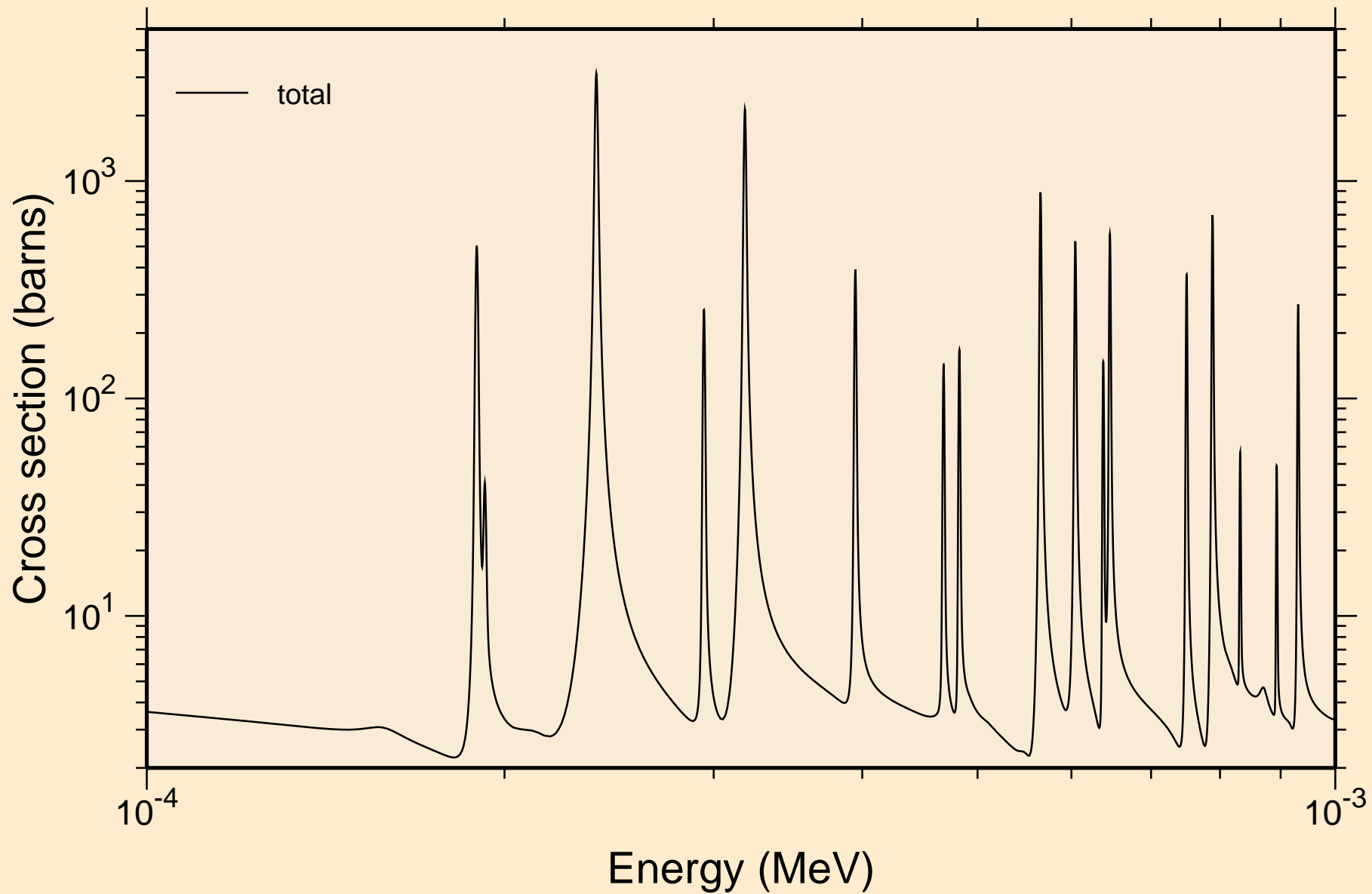
## Principal cross sections



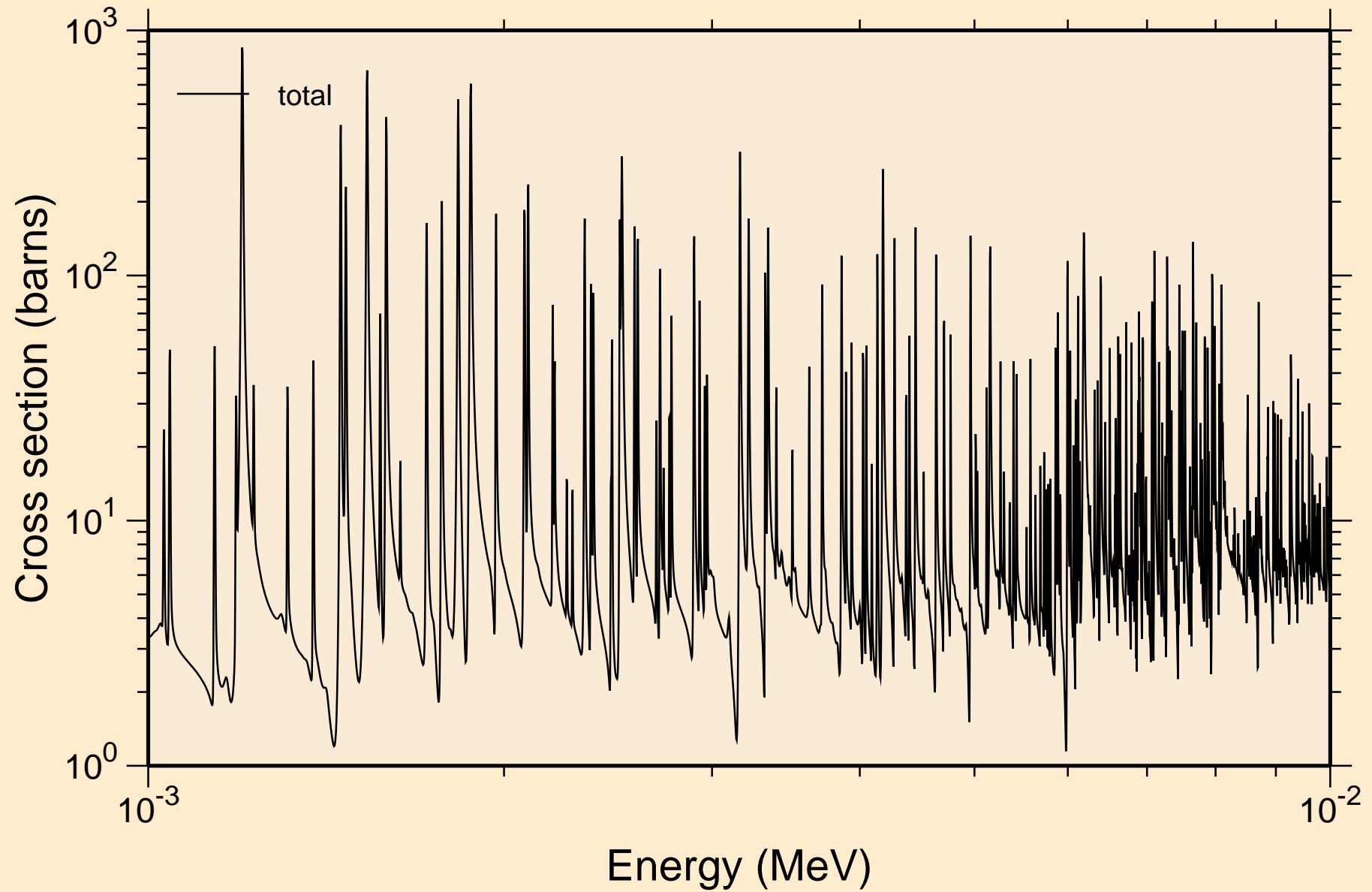
BR079 NRG TENDL-2016, AKONING  
resonance total cross section



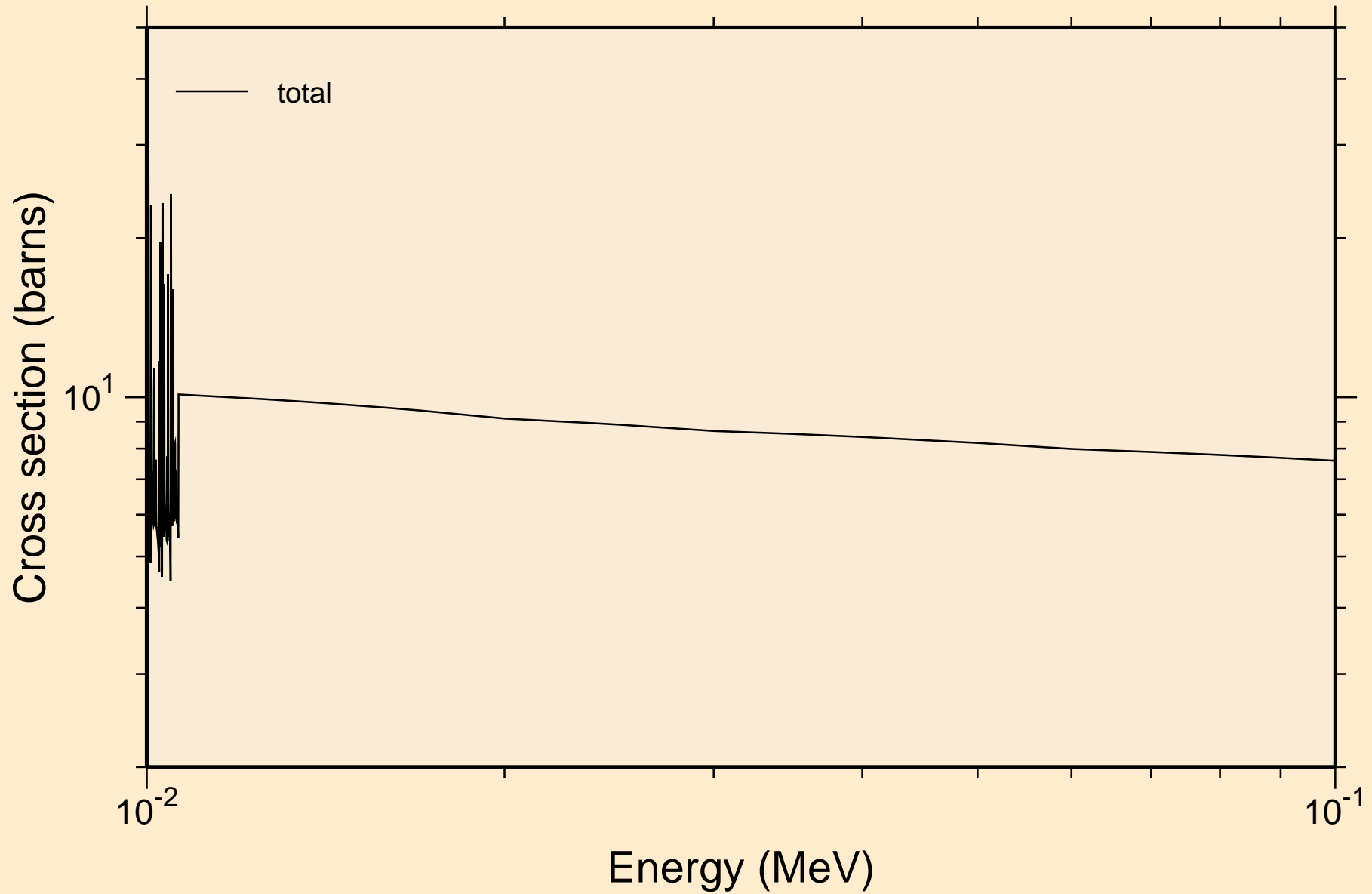
BR079 NRG TENDL-2016, AKONING  
resonance total cross section



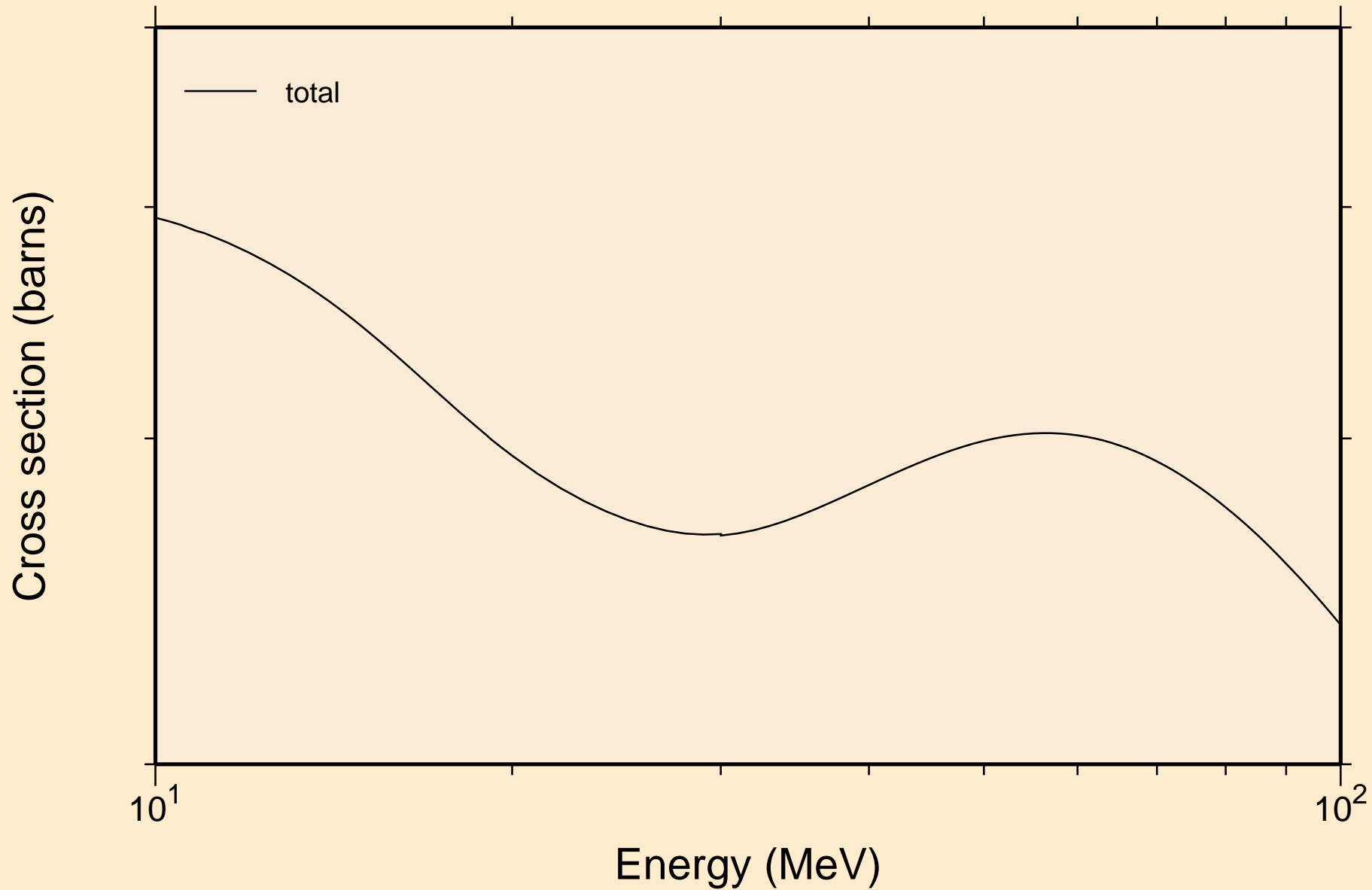
BR079 NRG TENDL-2016, AKONING  
resonance total cross section



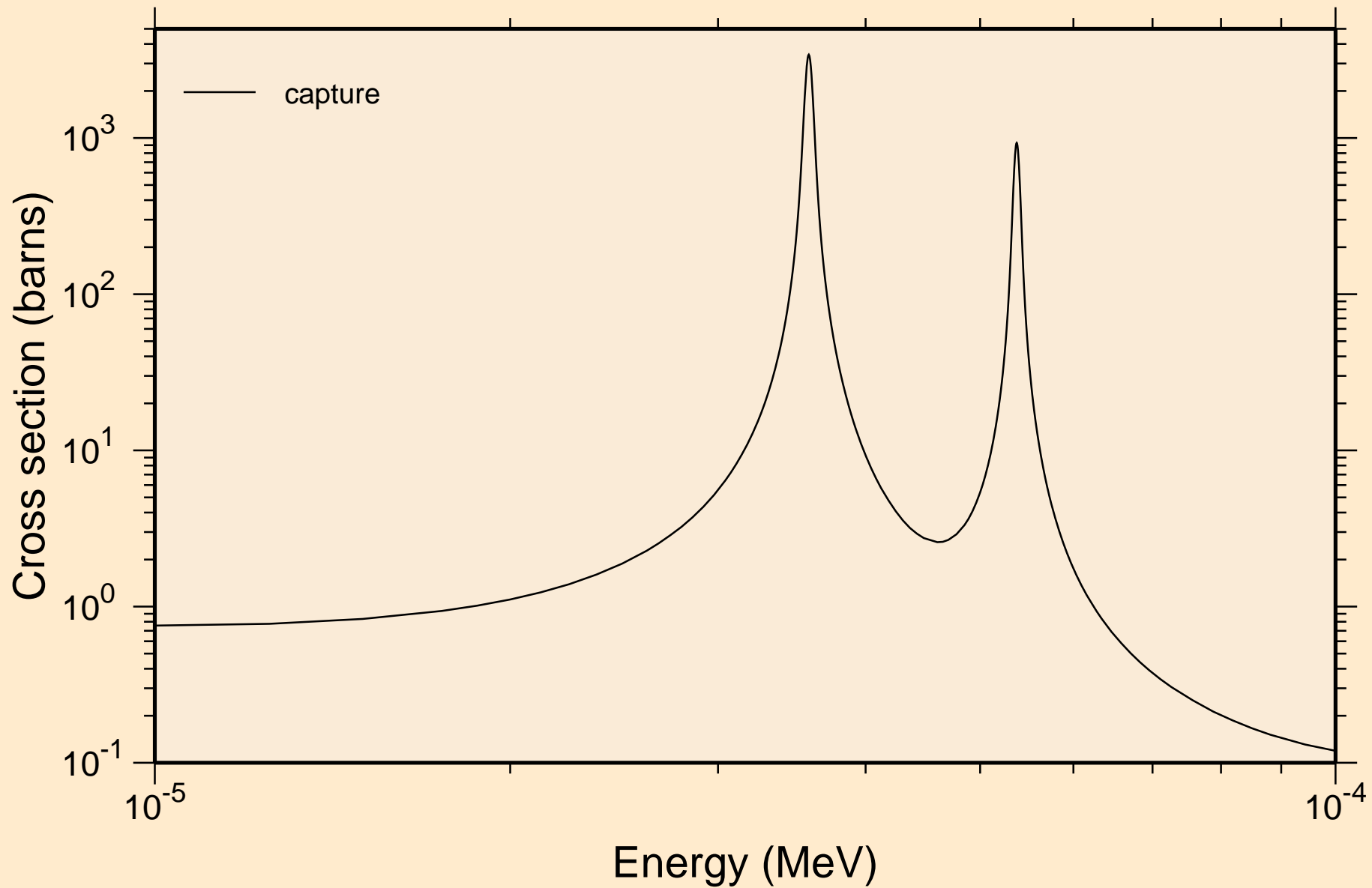
BR079 NRG TENDL-2016, AKONING  
resonance total cross section



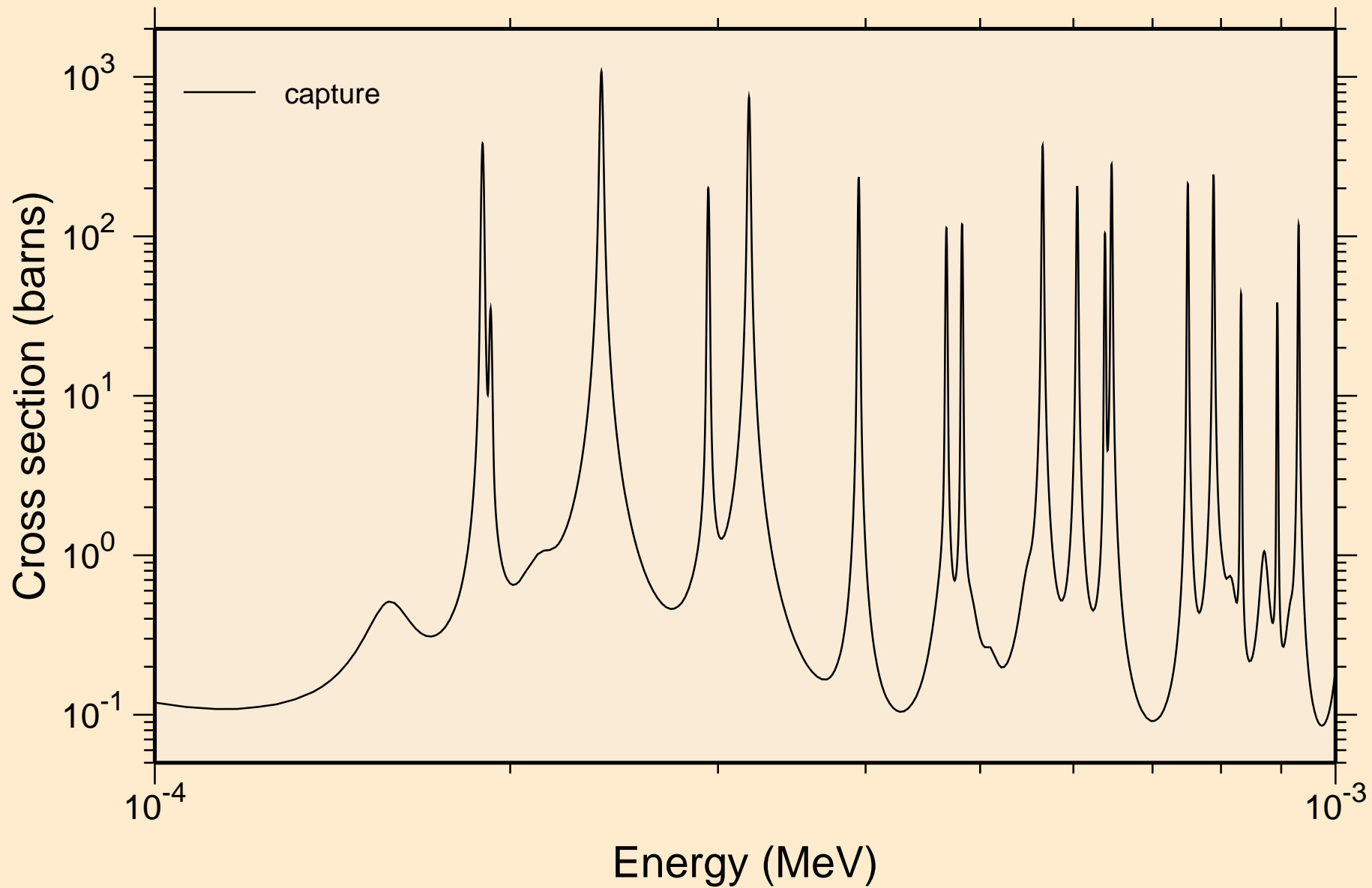
B̄R079 NRG TENDL-2016, AKONING  
resonance total cross section



BR079 NRG TENDL-2016, AKONING  
resonance absorption cross sections

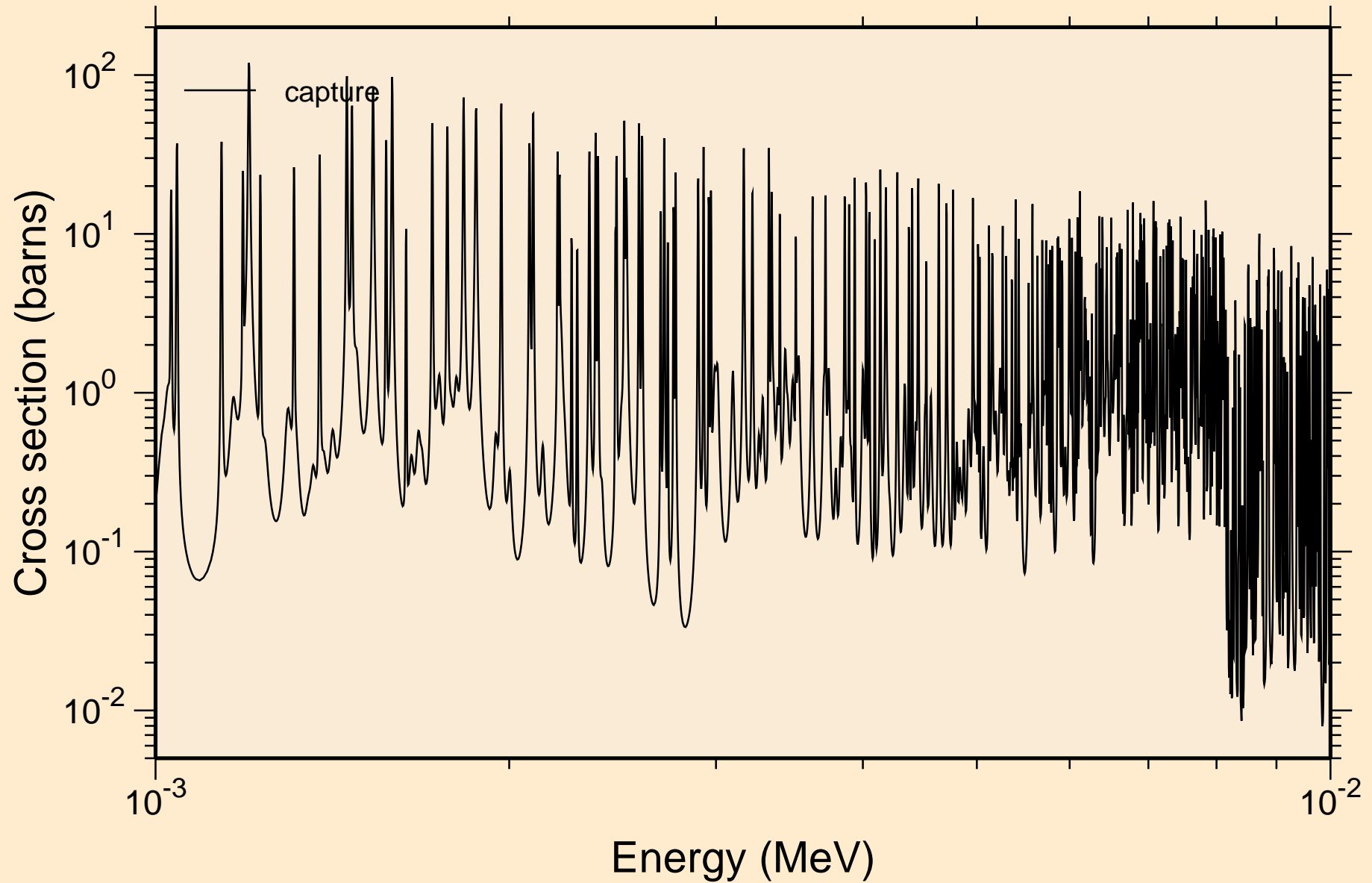


BR079 NRG TENDL-2016, AKONING  
resonance absorption cross sections

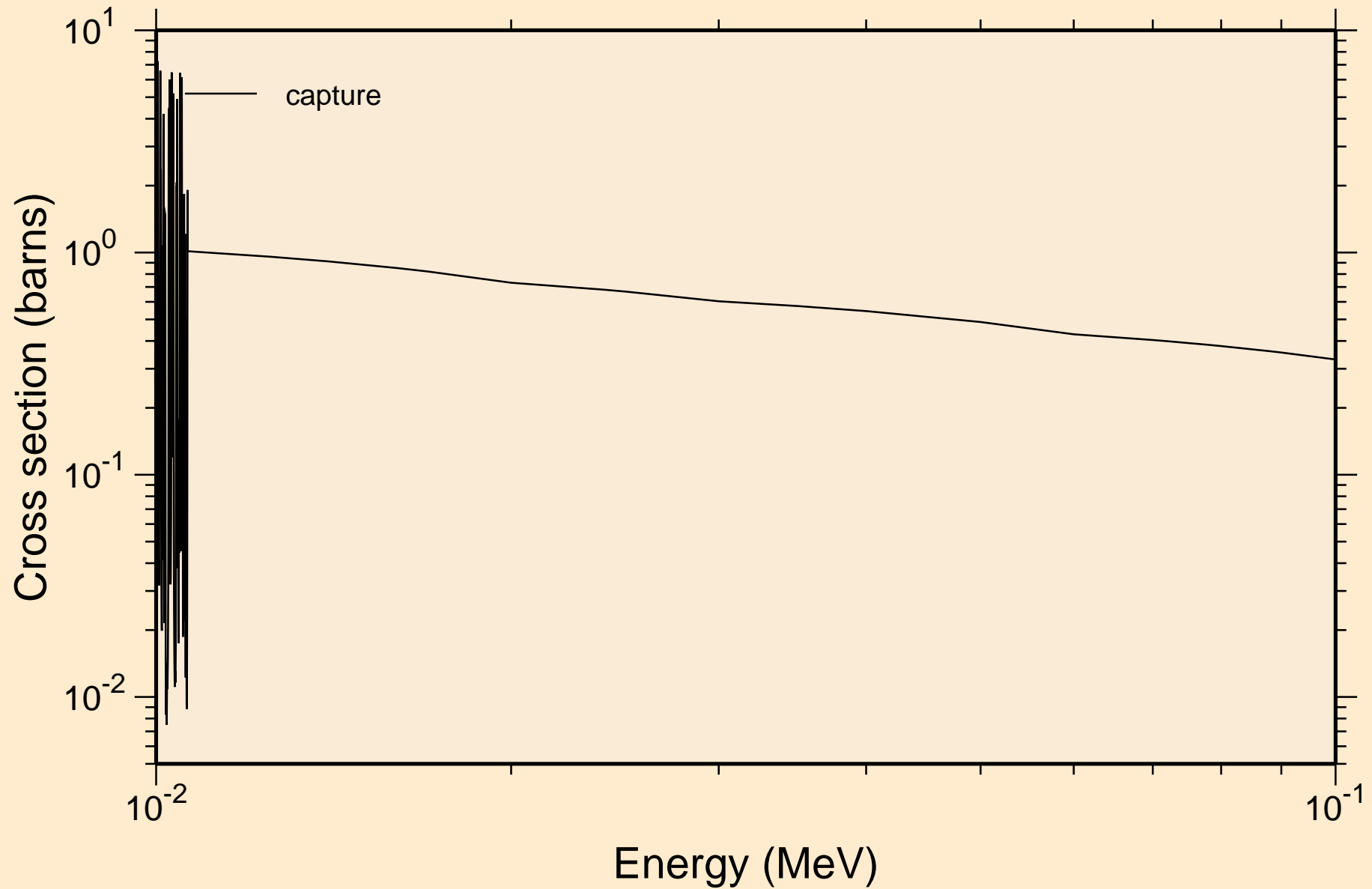




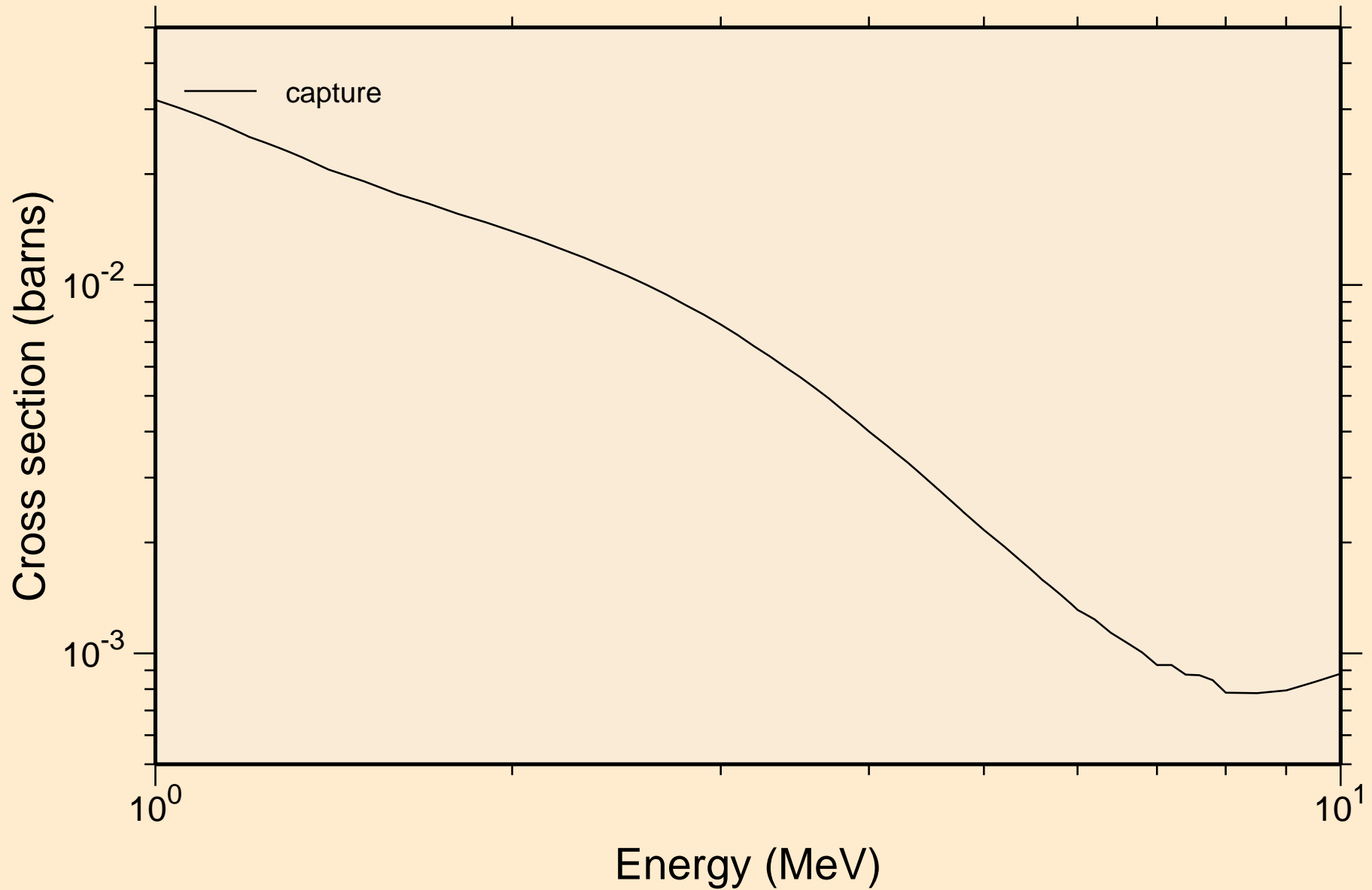
BR079 NRG TENDL-2016, AKONING  
resonance absorption cross sections



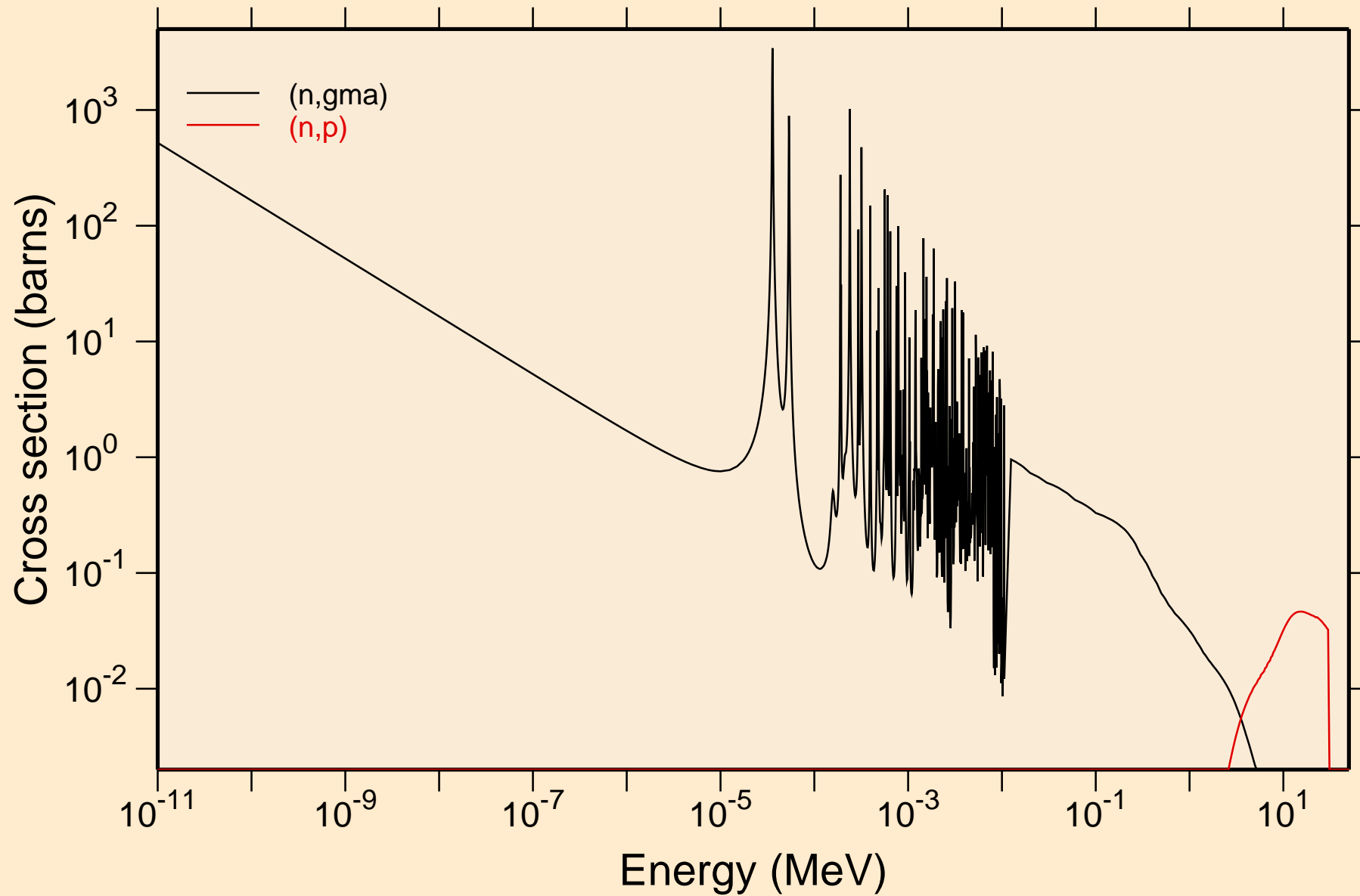
BR079 NRG TENDL-2016, AKONING  
resonance absorption cross sections



BR079 NRG TENDL-2016, AKONING  
resonance absorption cross sections

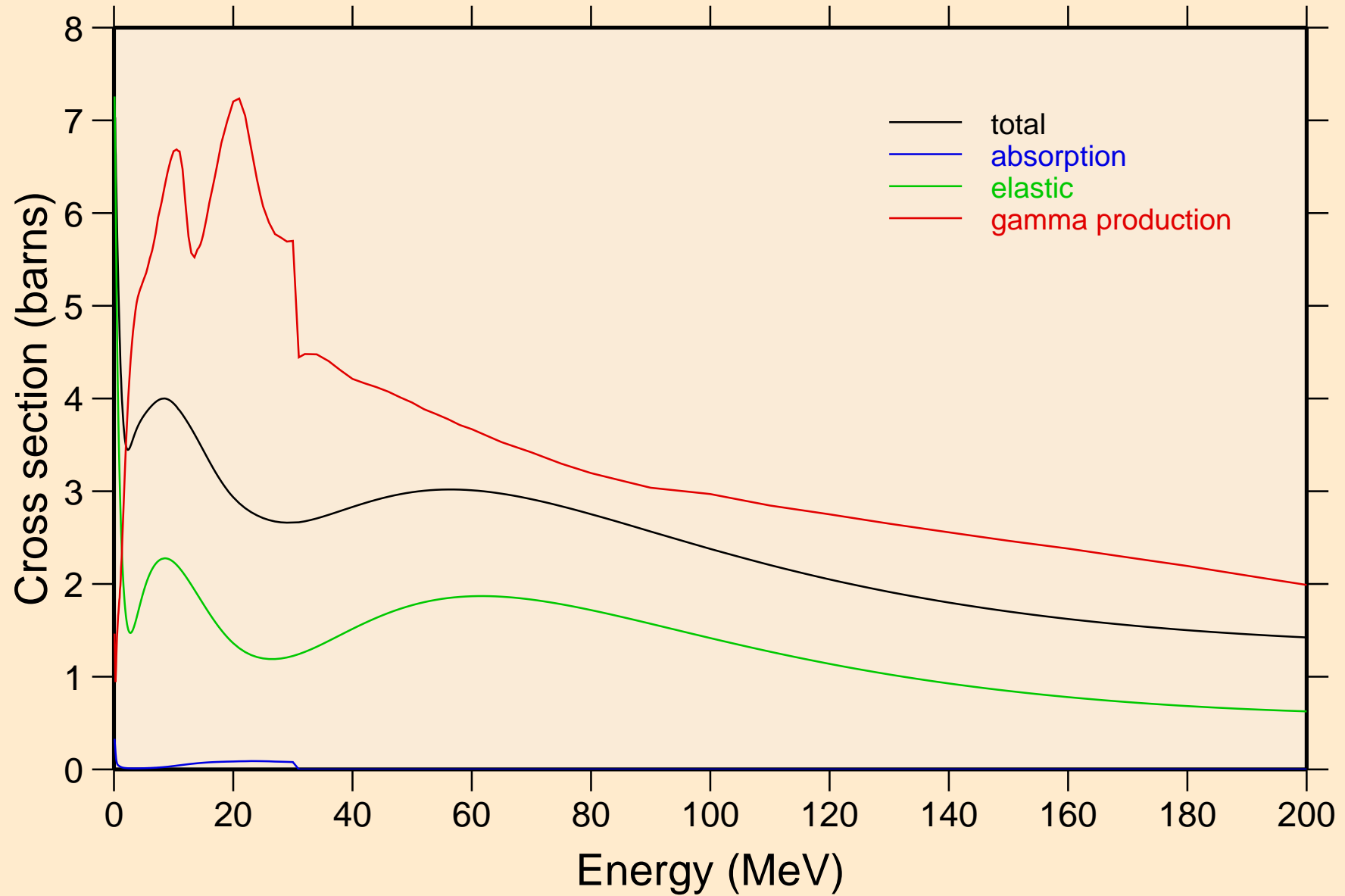


BR079 NRG TENDL-2016, AKONING  
Non-threshold reactions

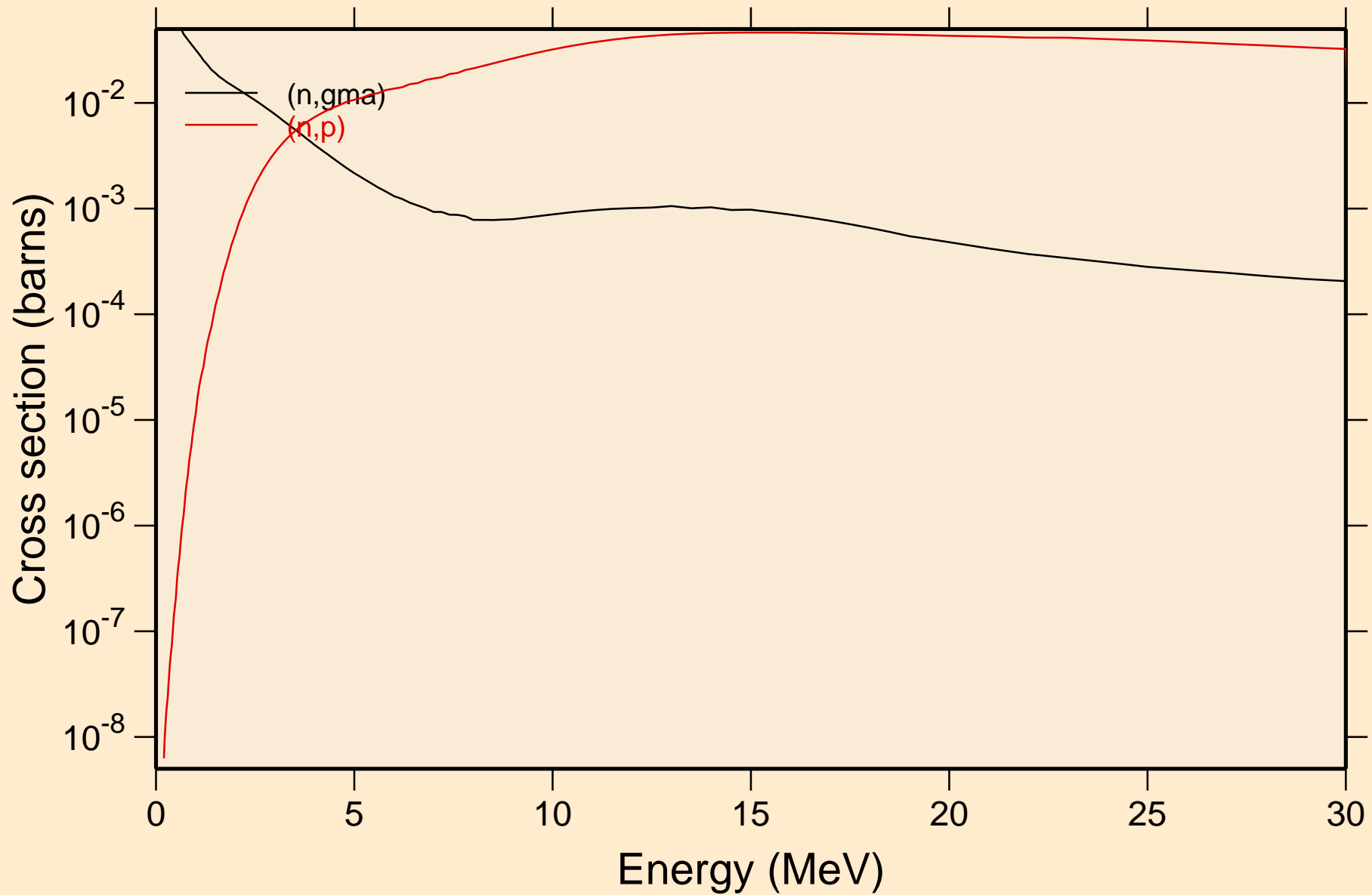


# BR079 NRG TENDL-2016, AKONING

## Principal cross sections

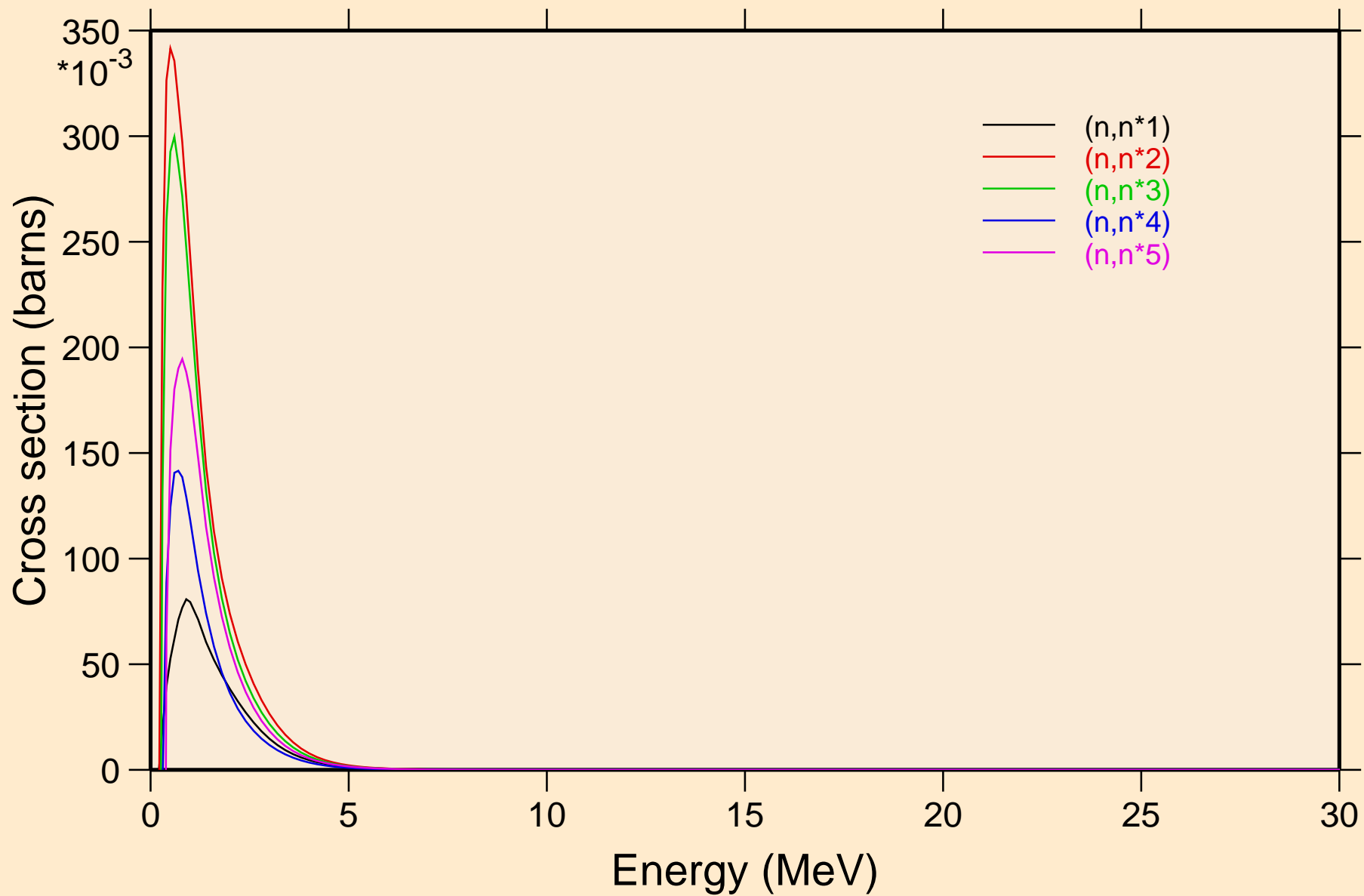


BR079 NRG TENDL-2016, AKONING  
Non-threshold reactions



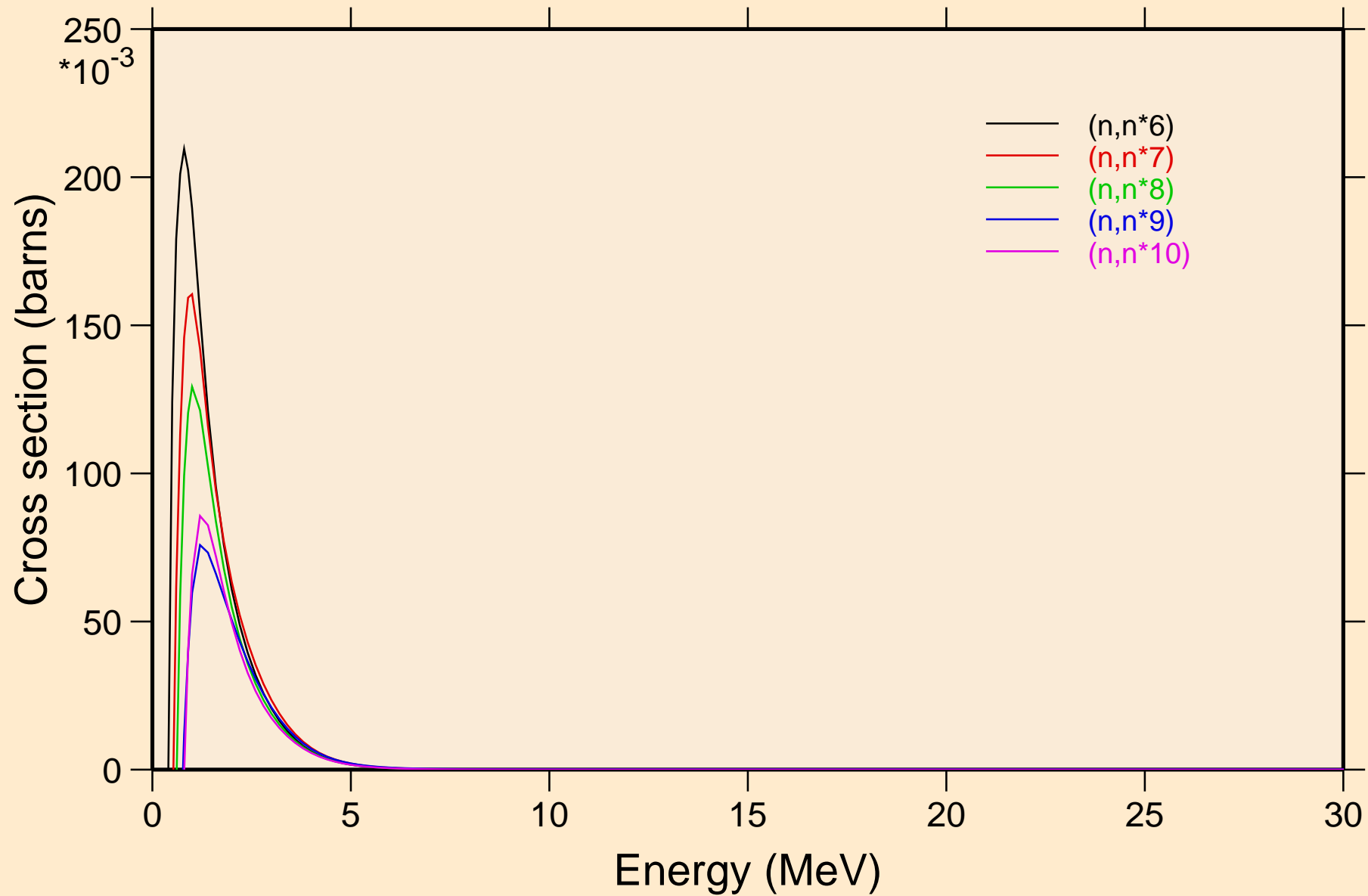
# BR079 NRG TENDL-2016, AKONING

## Inelastic levels



# BR079 NRG TENDL-2016, AKONING

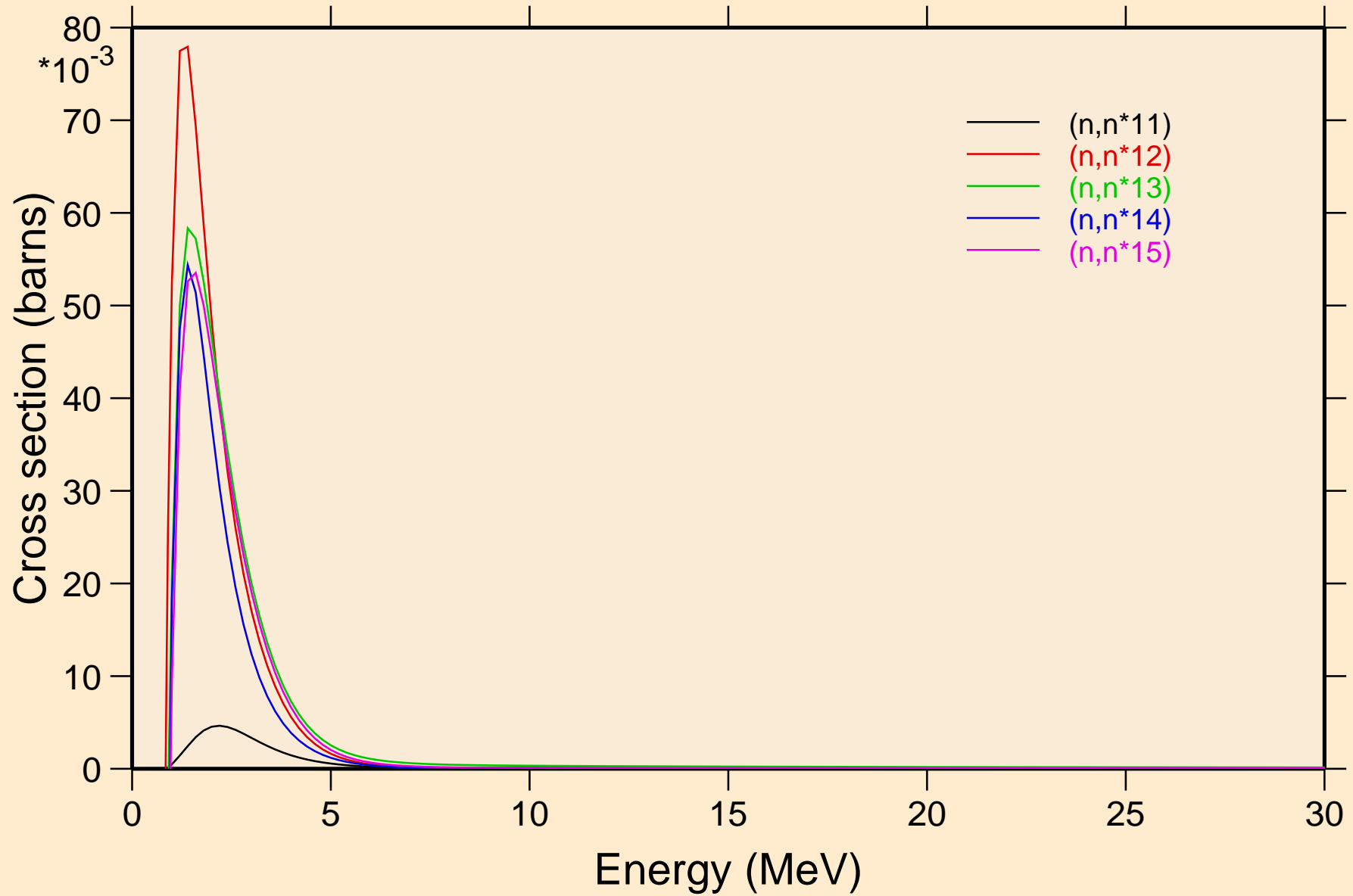
## Inelastic levels





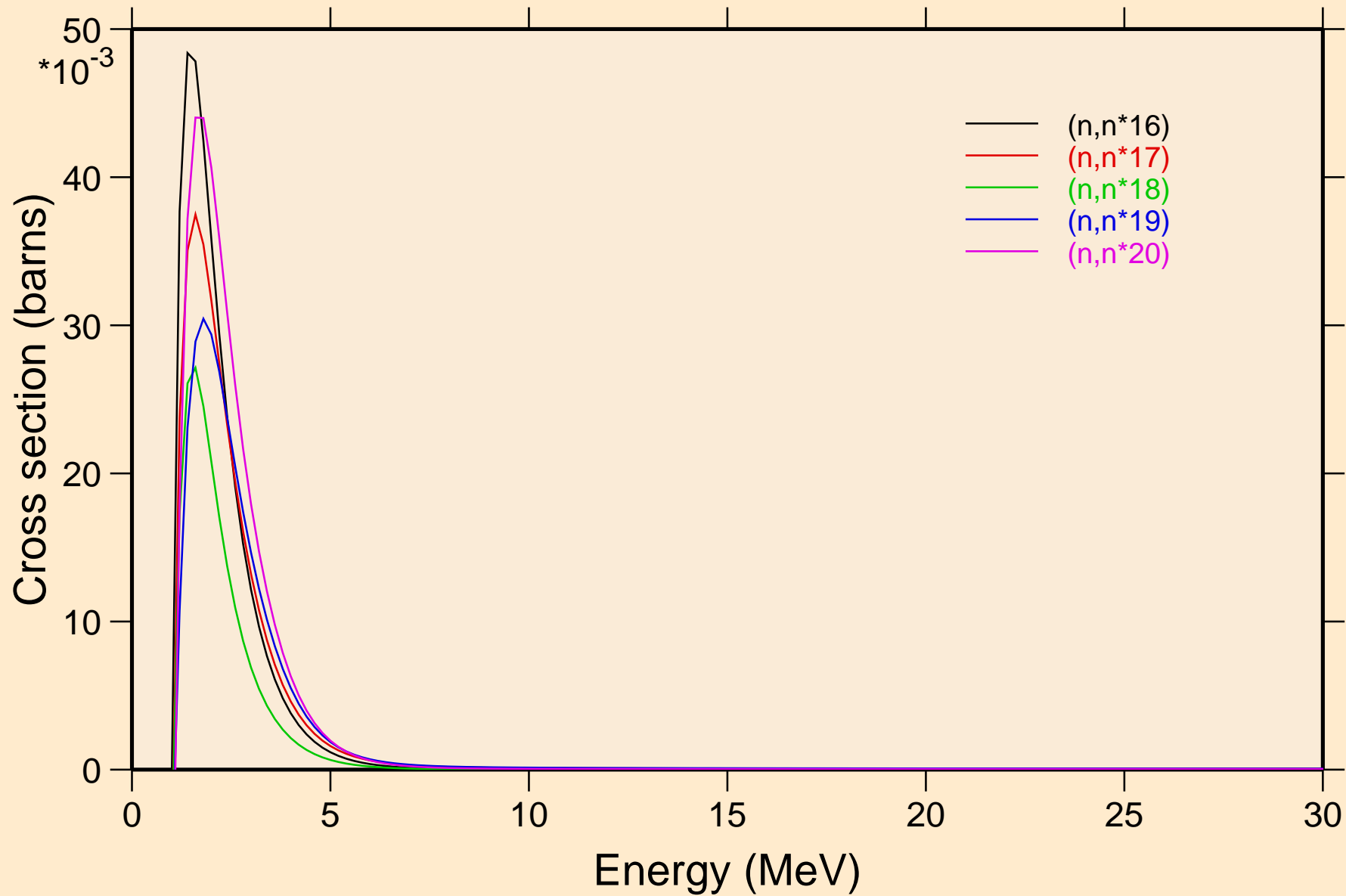
# BR079 NRG TENDL-2016, AKONING

## Inelastic levels



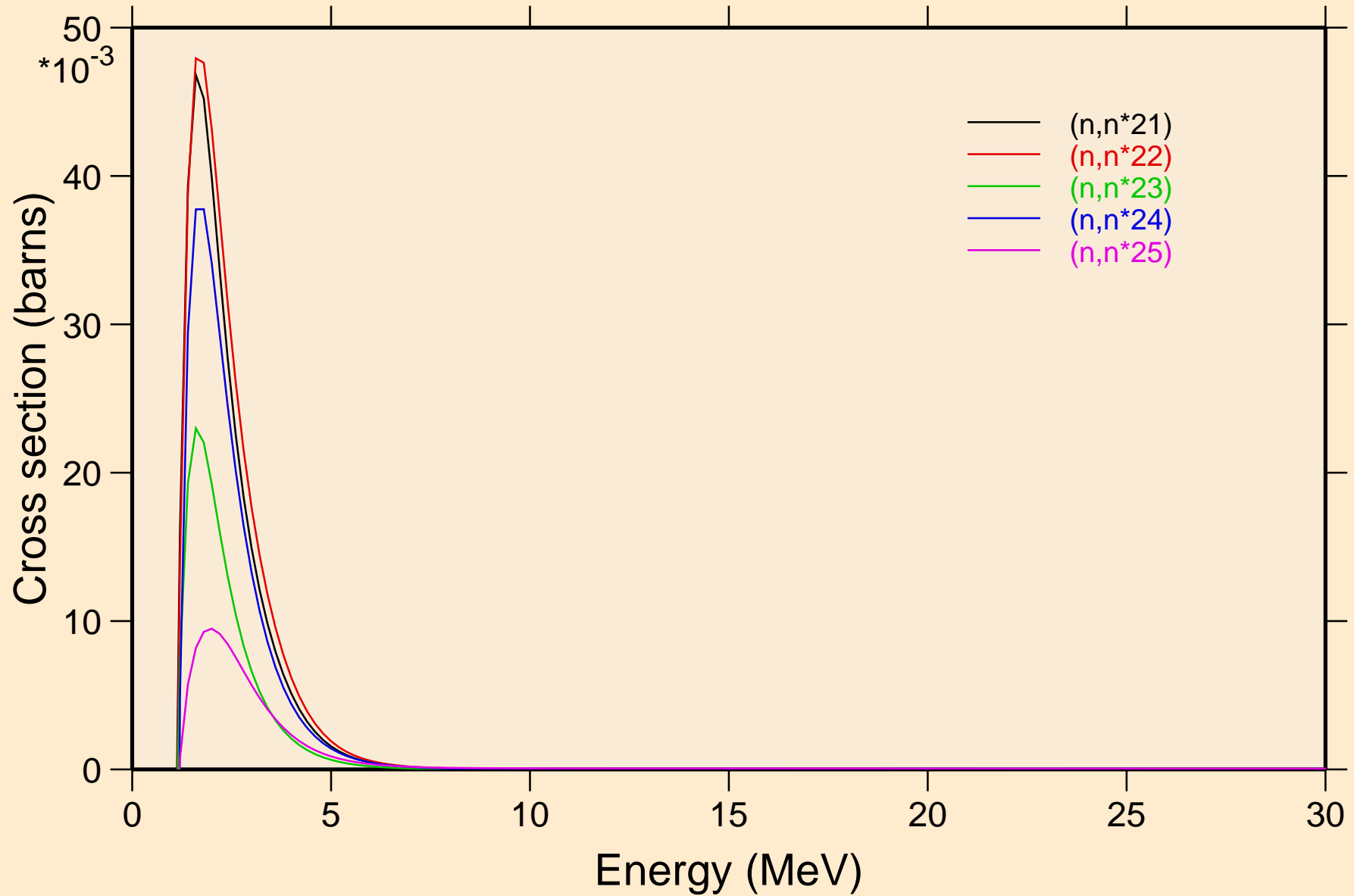
# BR079 NRG TENDL-2016, AKONING

## Inelastic levels



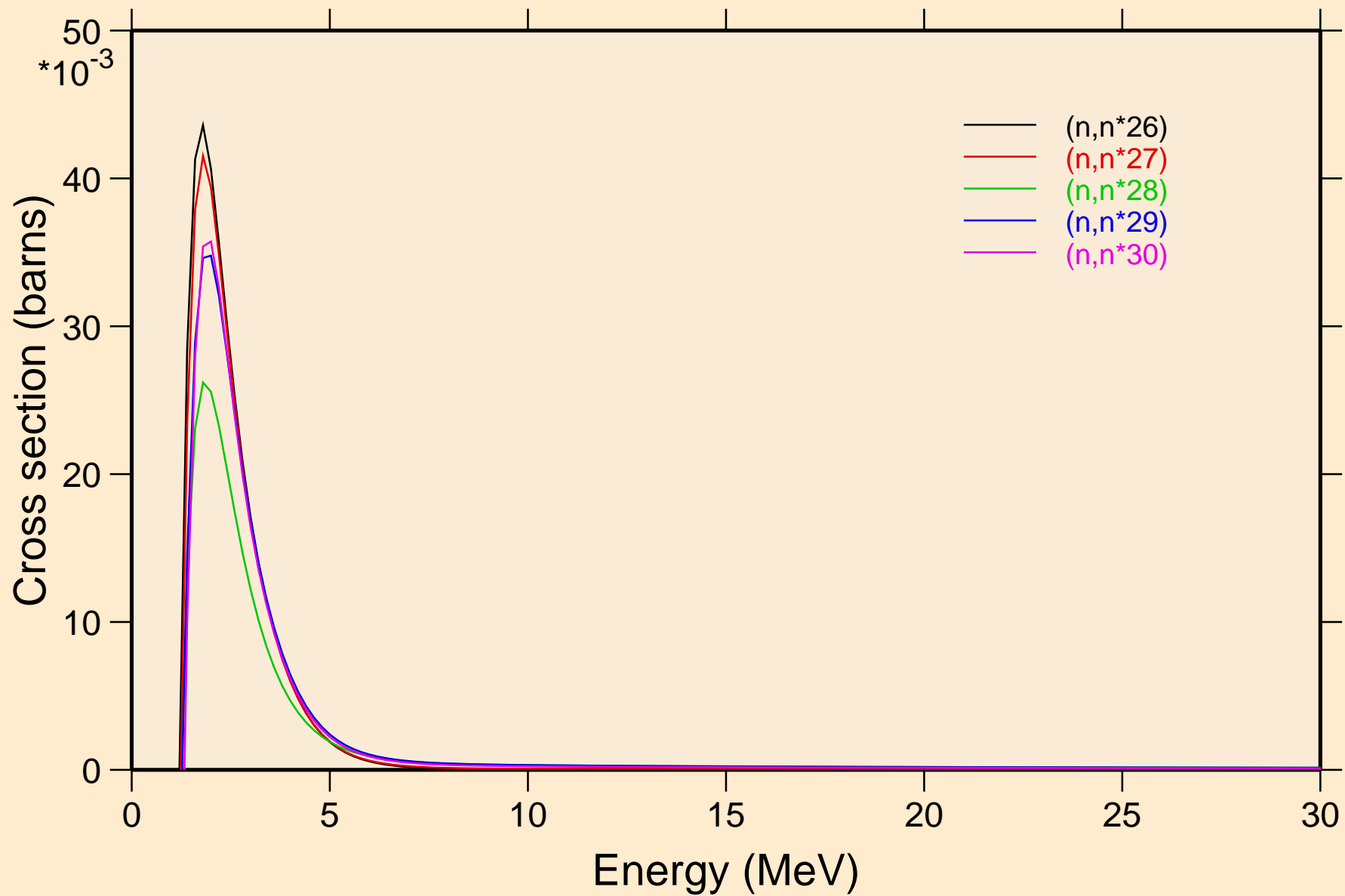
# BR079 NRG TENDL-2016, AKONING

## Inelastic levels



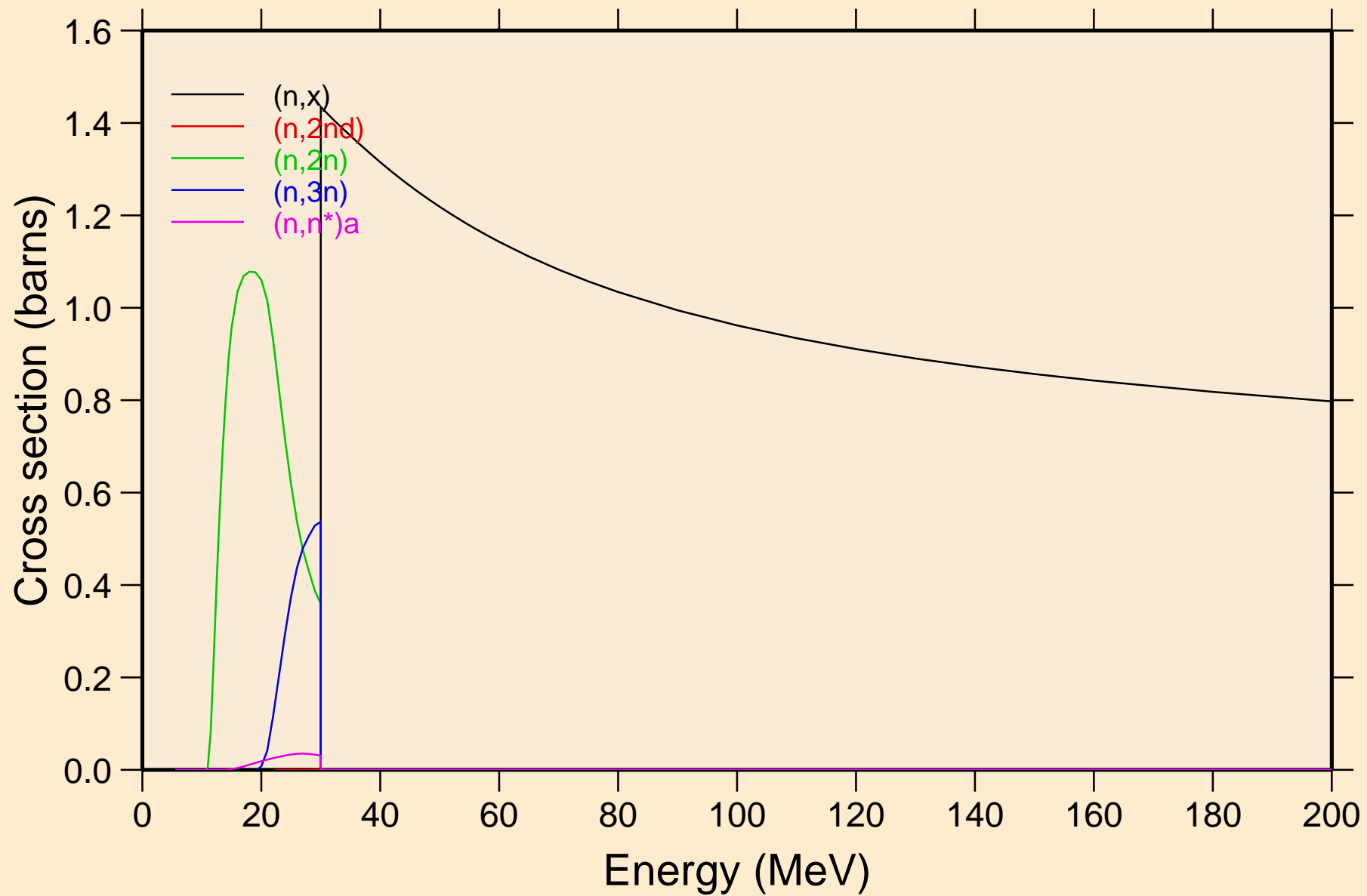
# BR079 NRG TENDL-2016, AKONING

## Inelastic levels



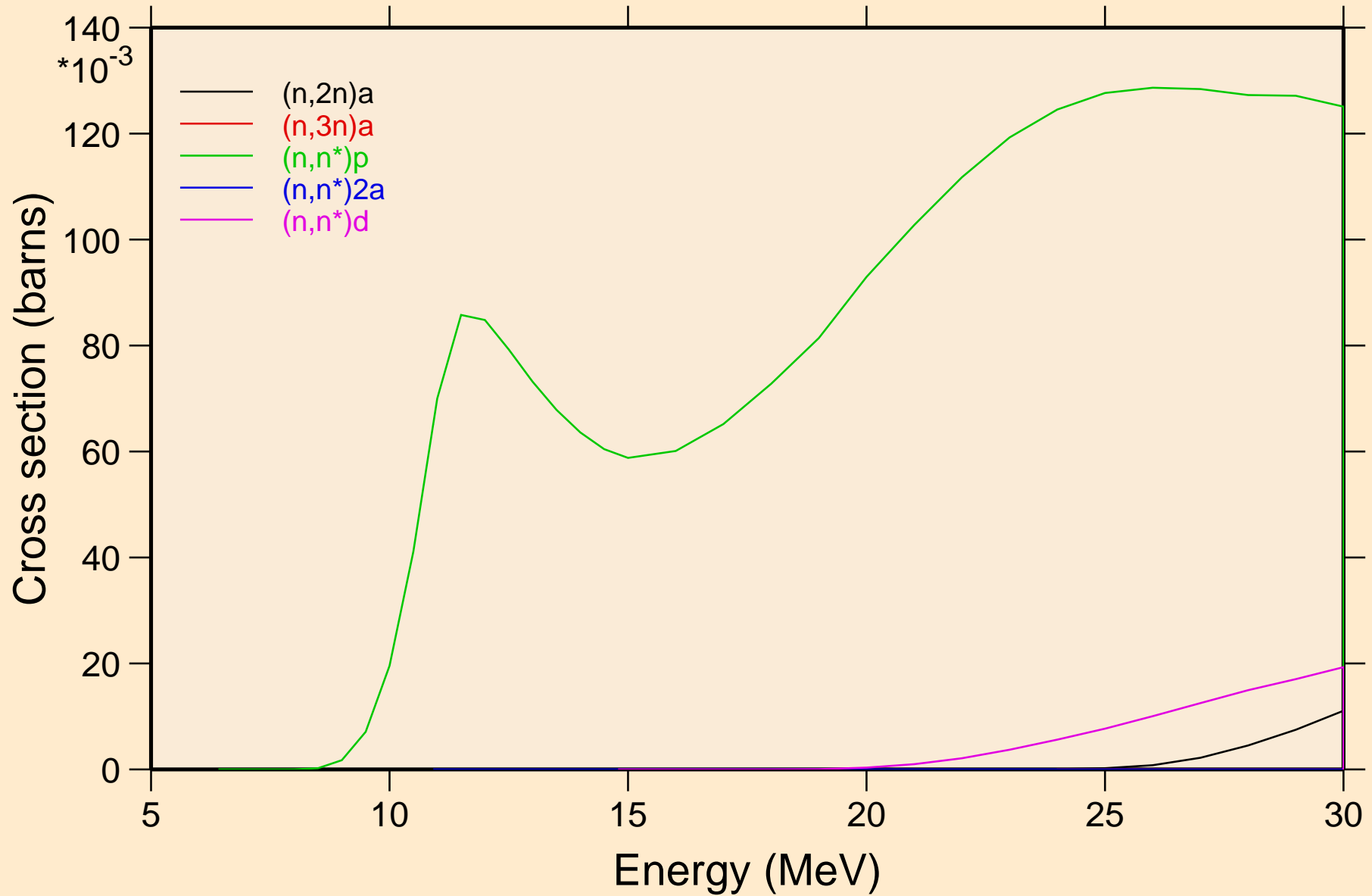
# BR079 NRG TENDL-2016, AKONING

## Threshold reactions



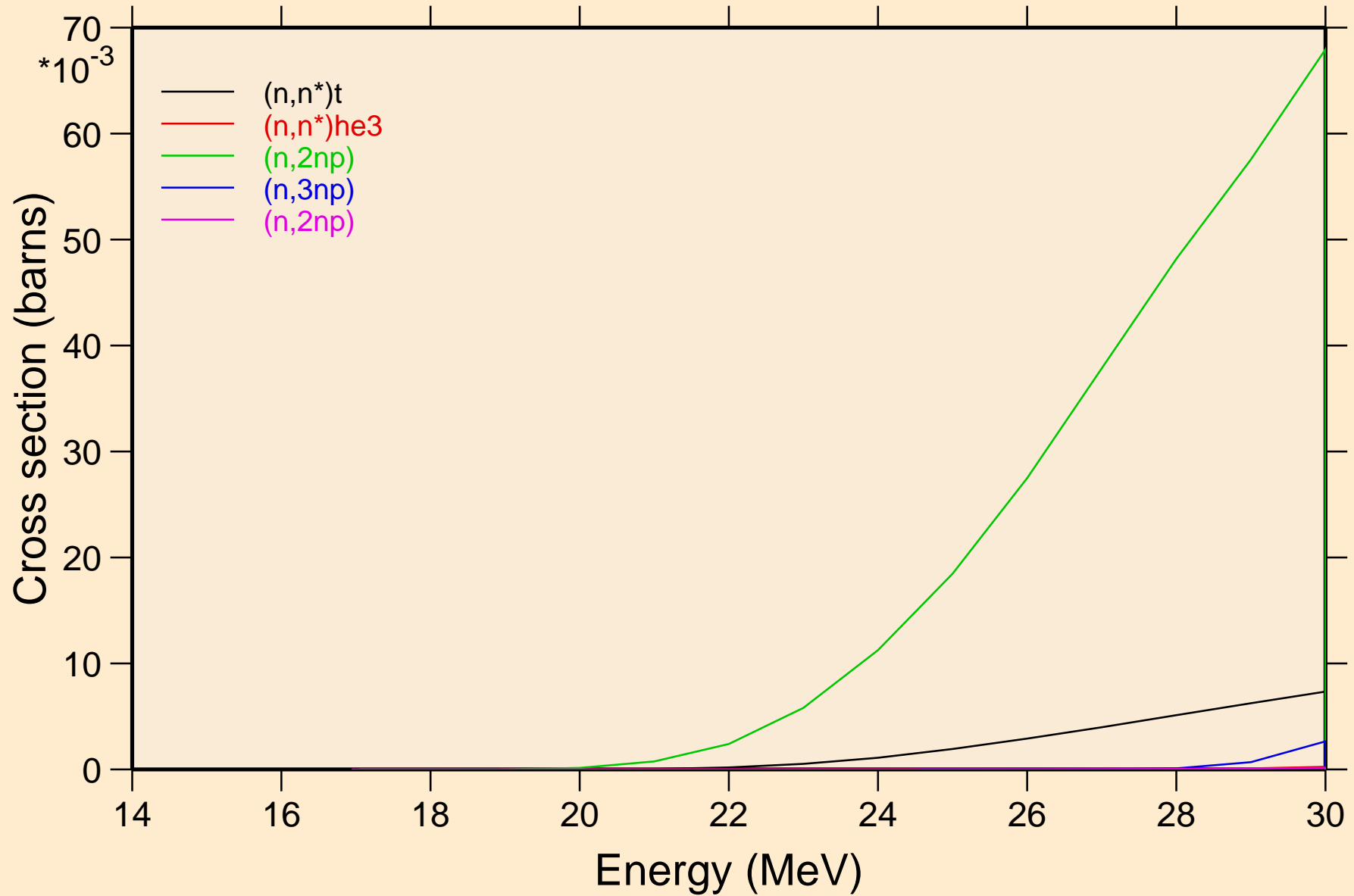
# BR079 NRG TENDL-2016, AKONING

## Threshold reactions



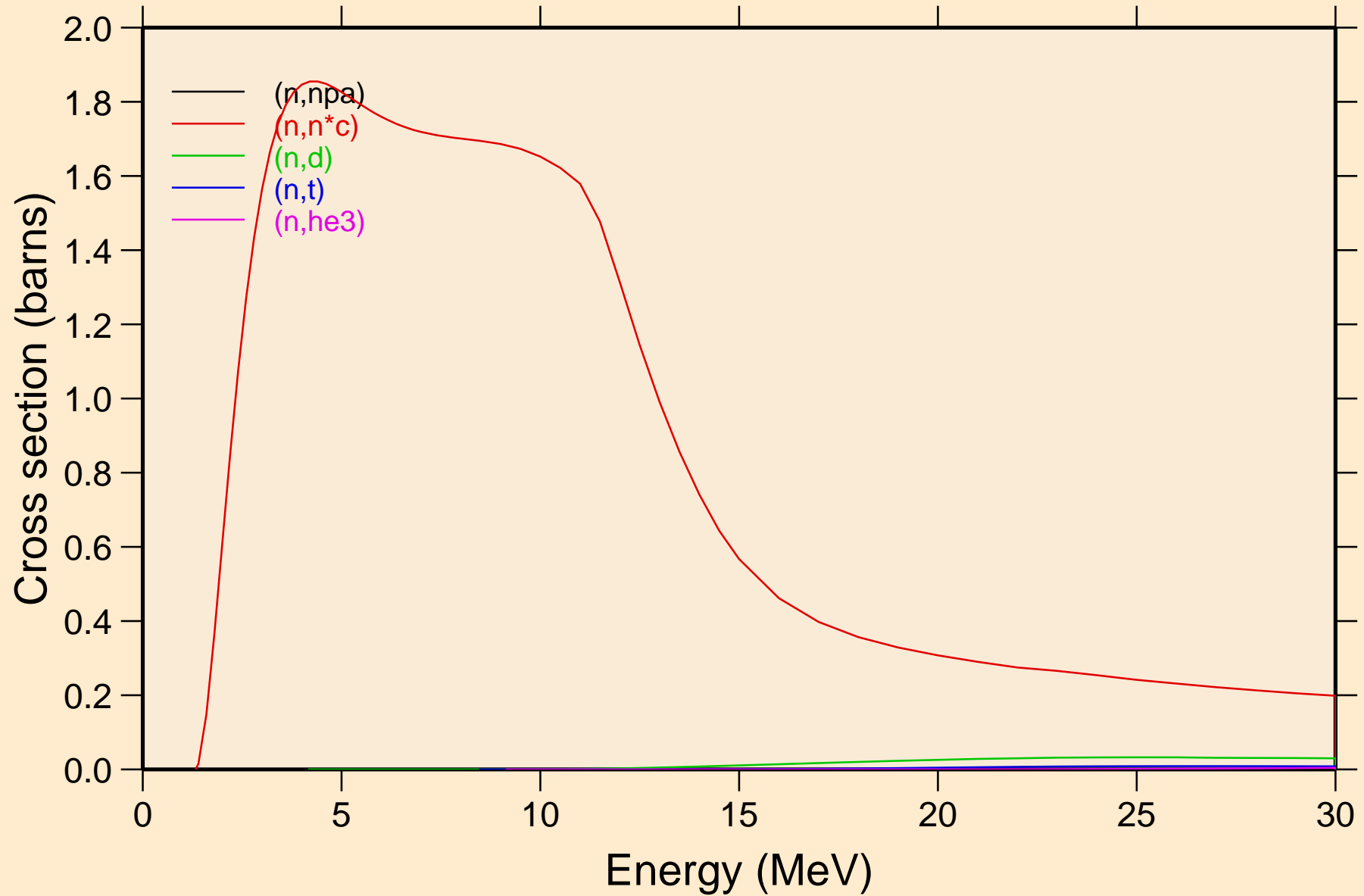
# BR079 NRG TENDL-2016, AKONING

## Threshold reactions



# BR079 NRG TENDL-2016, AKONING

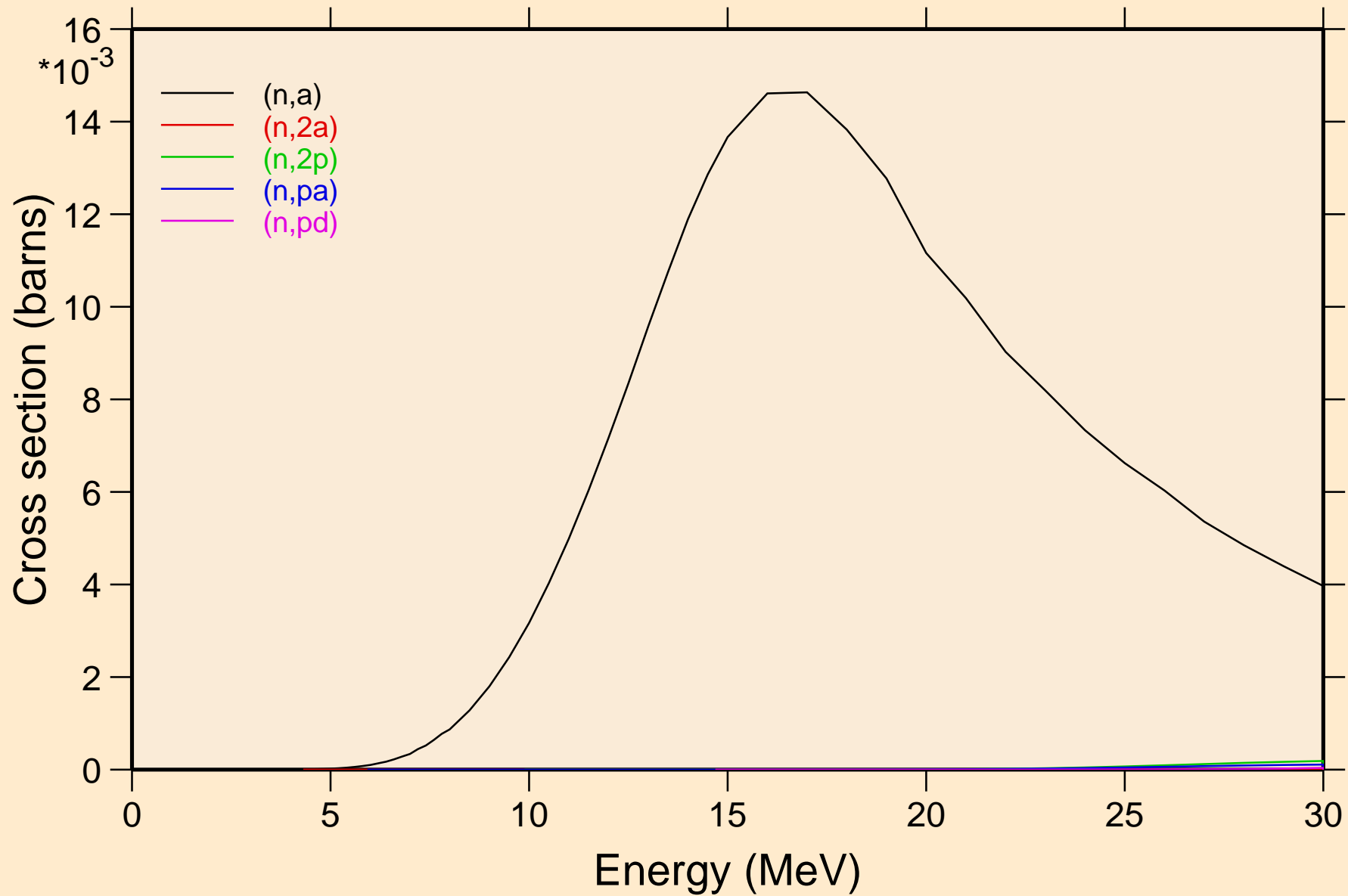
## Threshold reactions





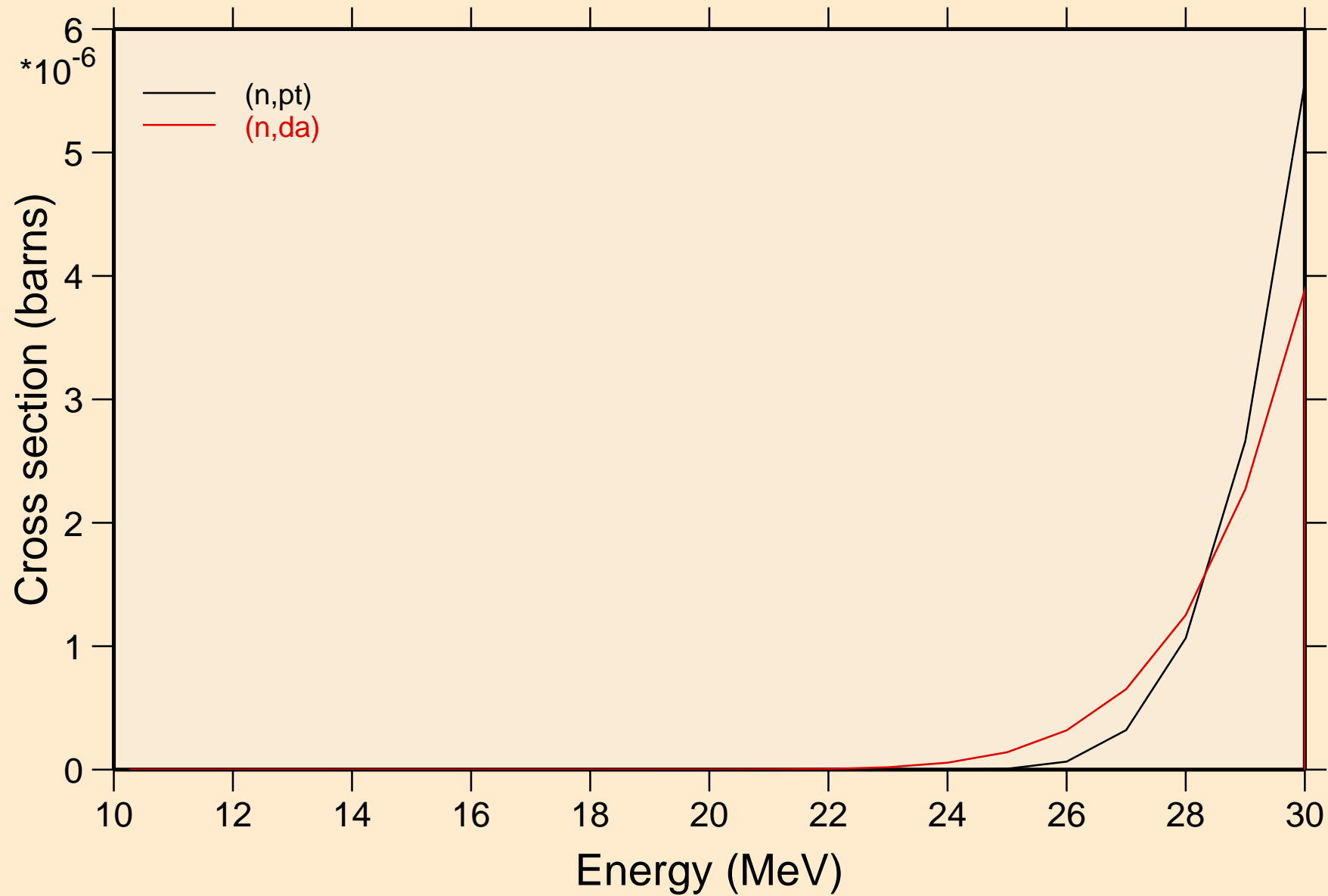
# BR079 NRG TENDL-2016, AKONING

## Threshold reactions

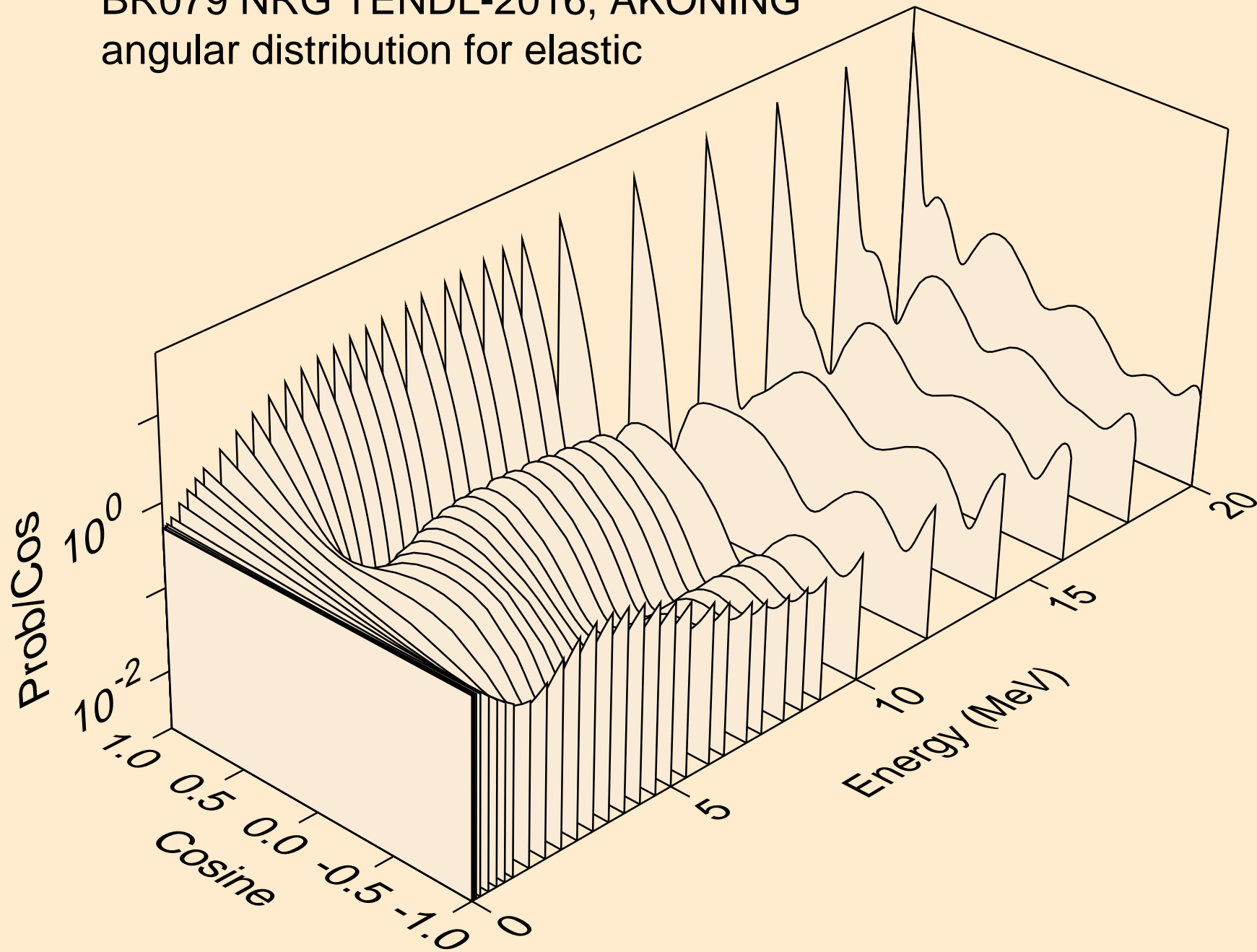


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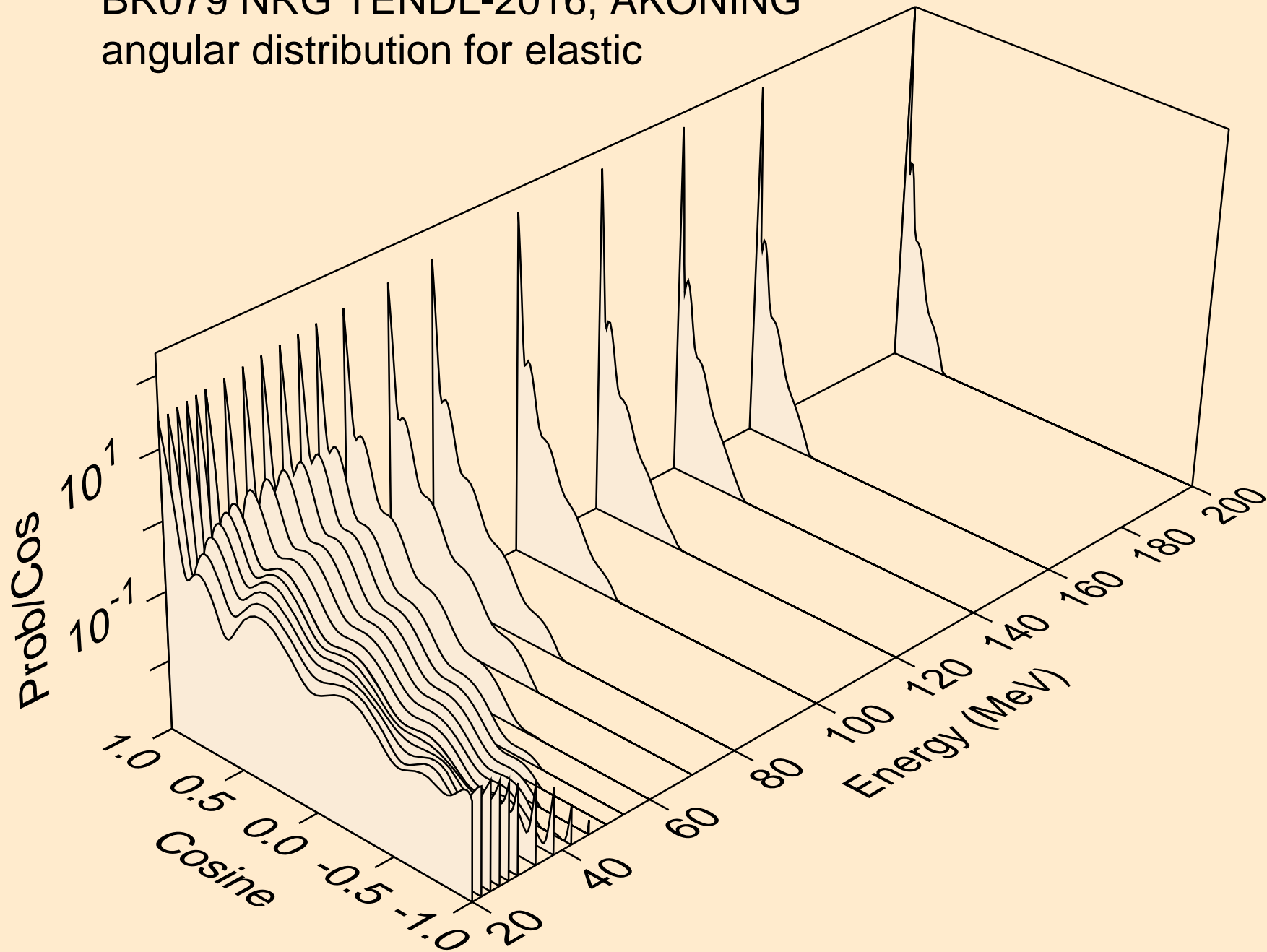
## Threshold reactions



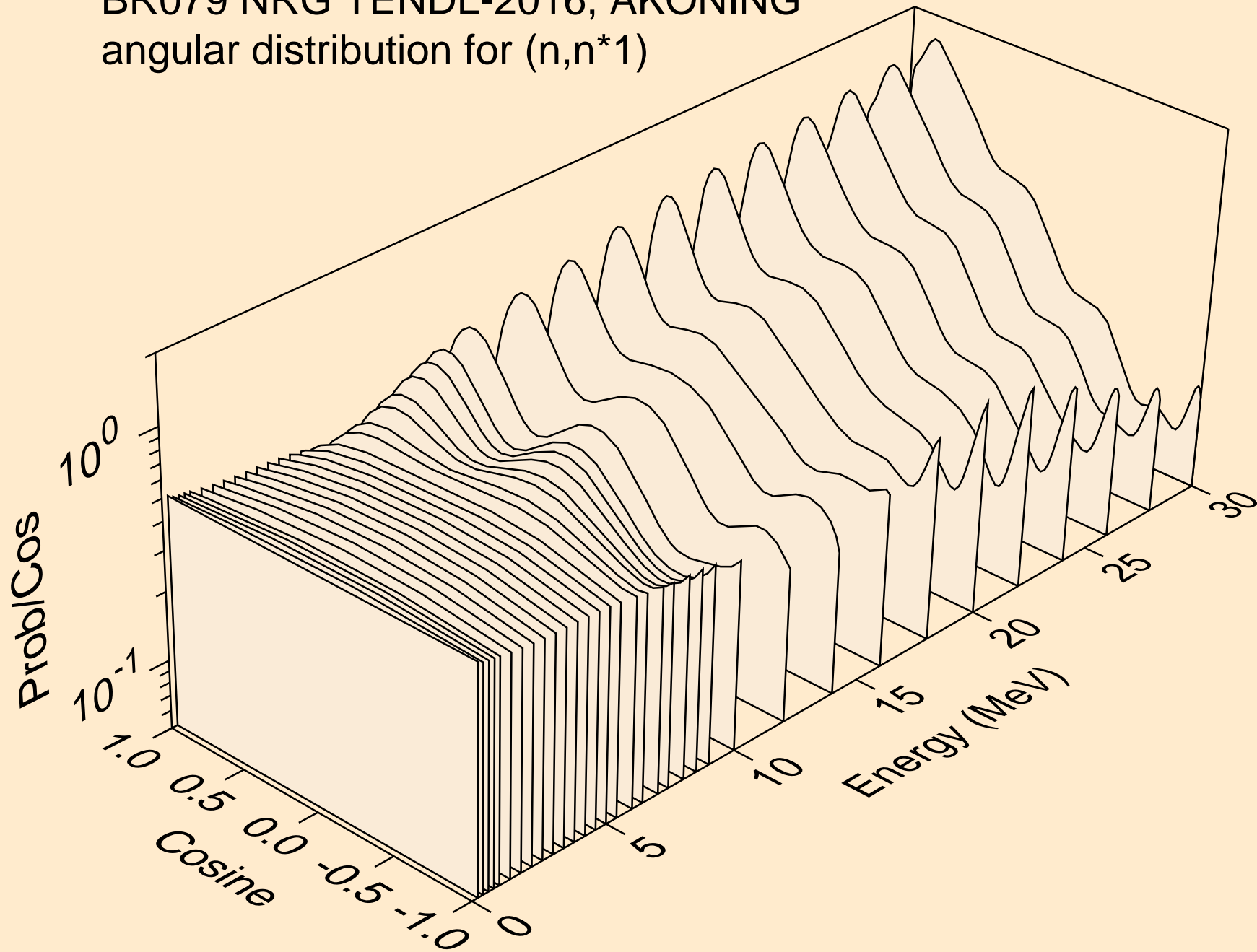
BR079 NRG TENDL-2016, AKONING  
angular distribution for elastic



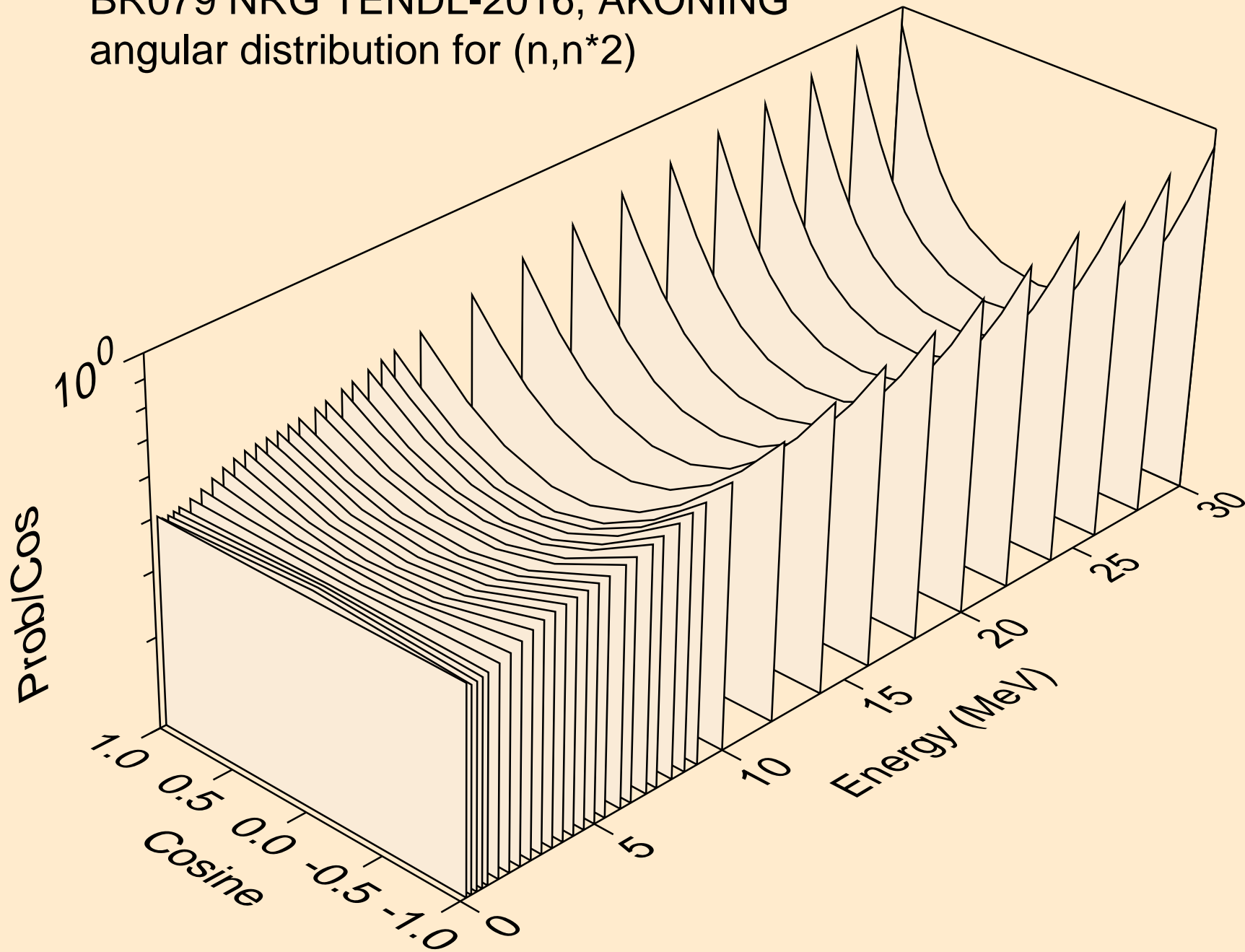
BR079 NRG TENDL-2016, AKONING  
angular distribution for elastic



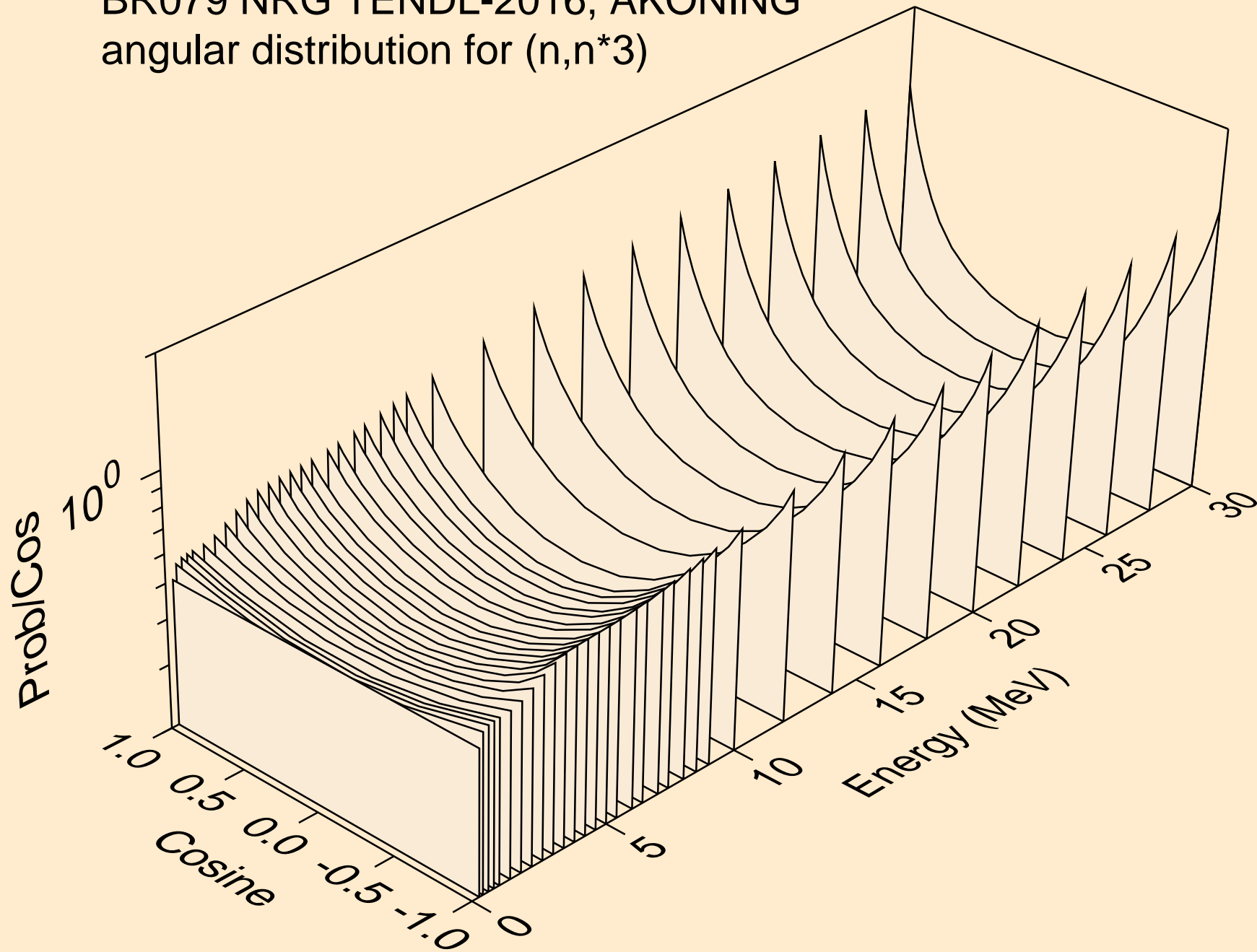
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*1)



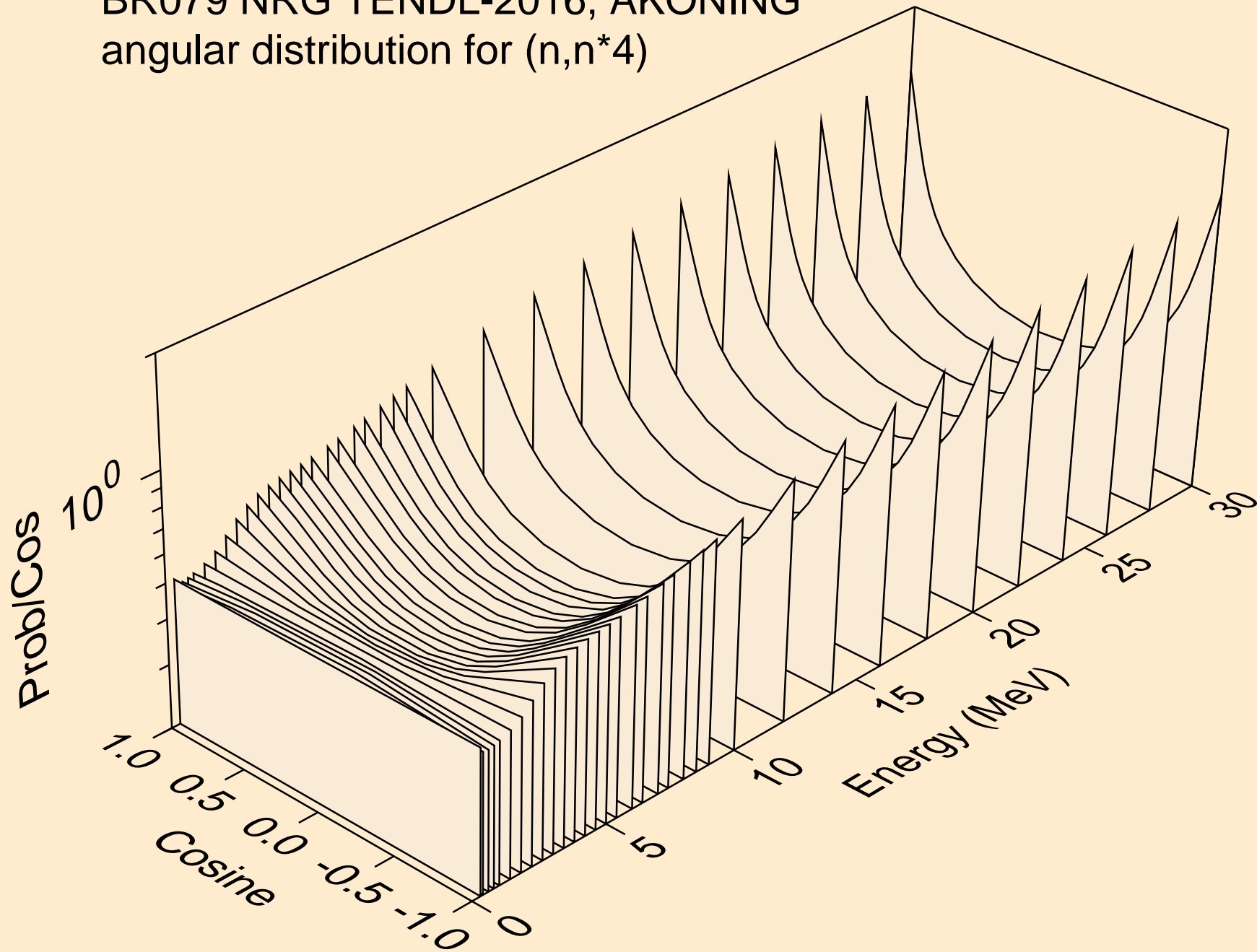
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*2)



BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)

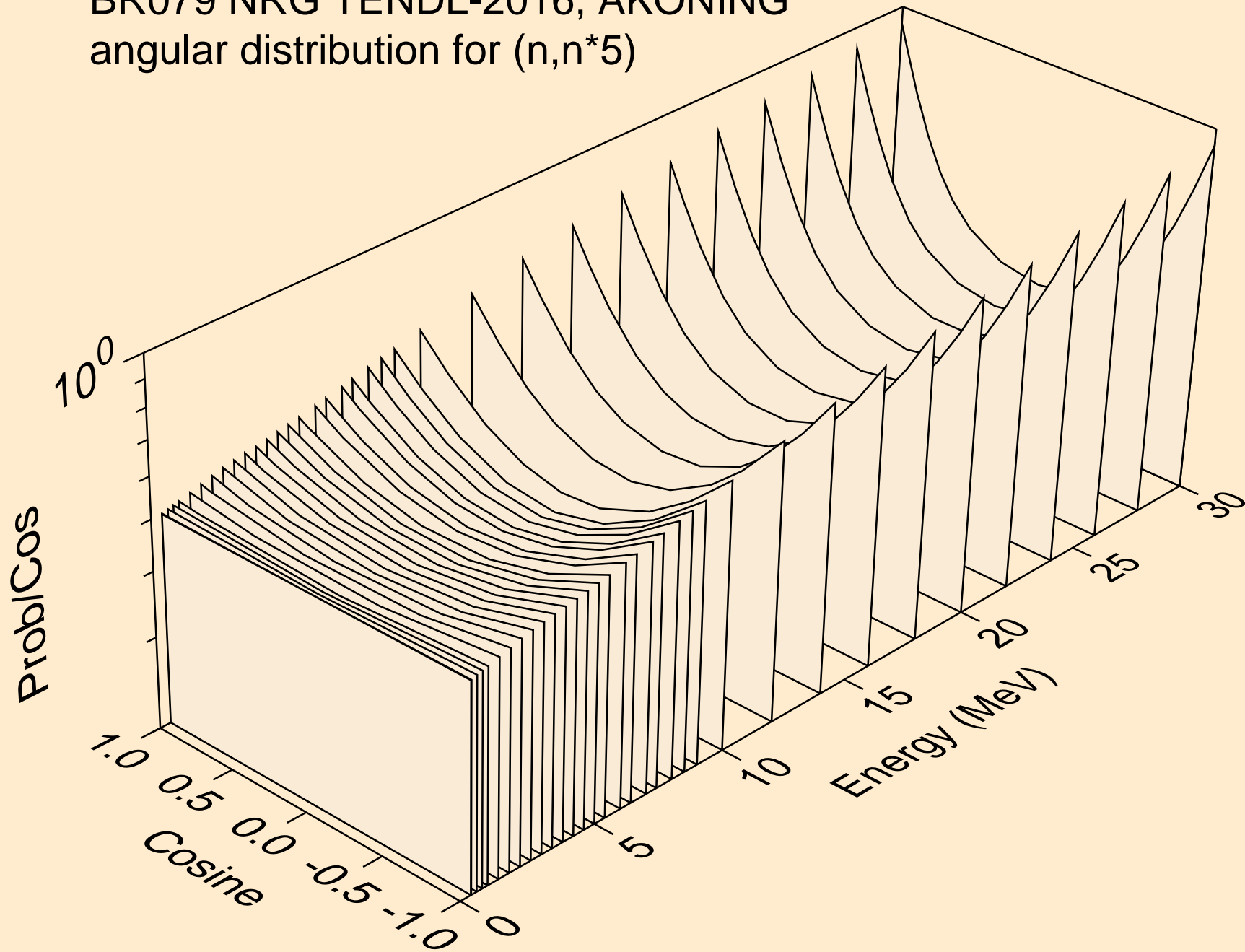


BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)

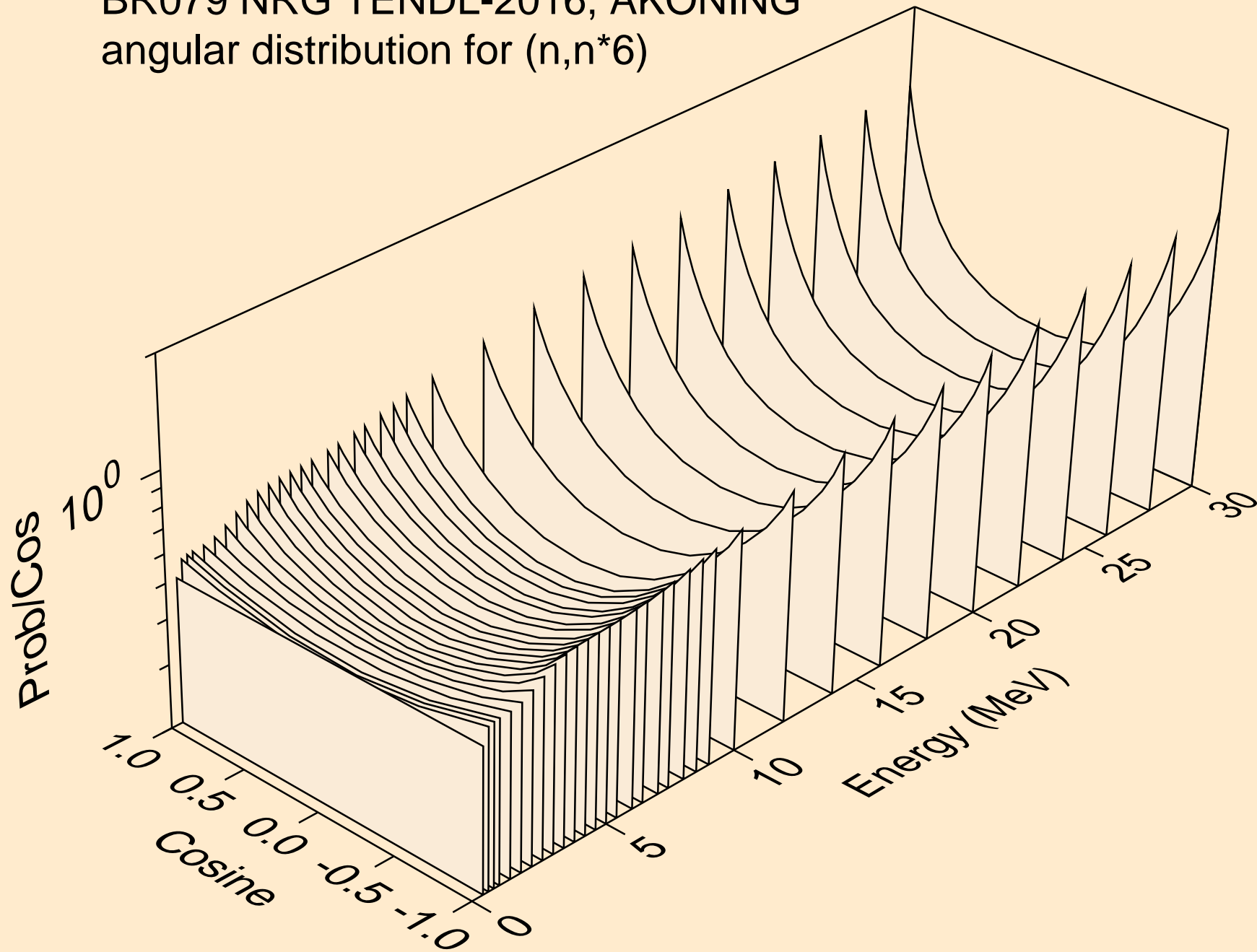




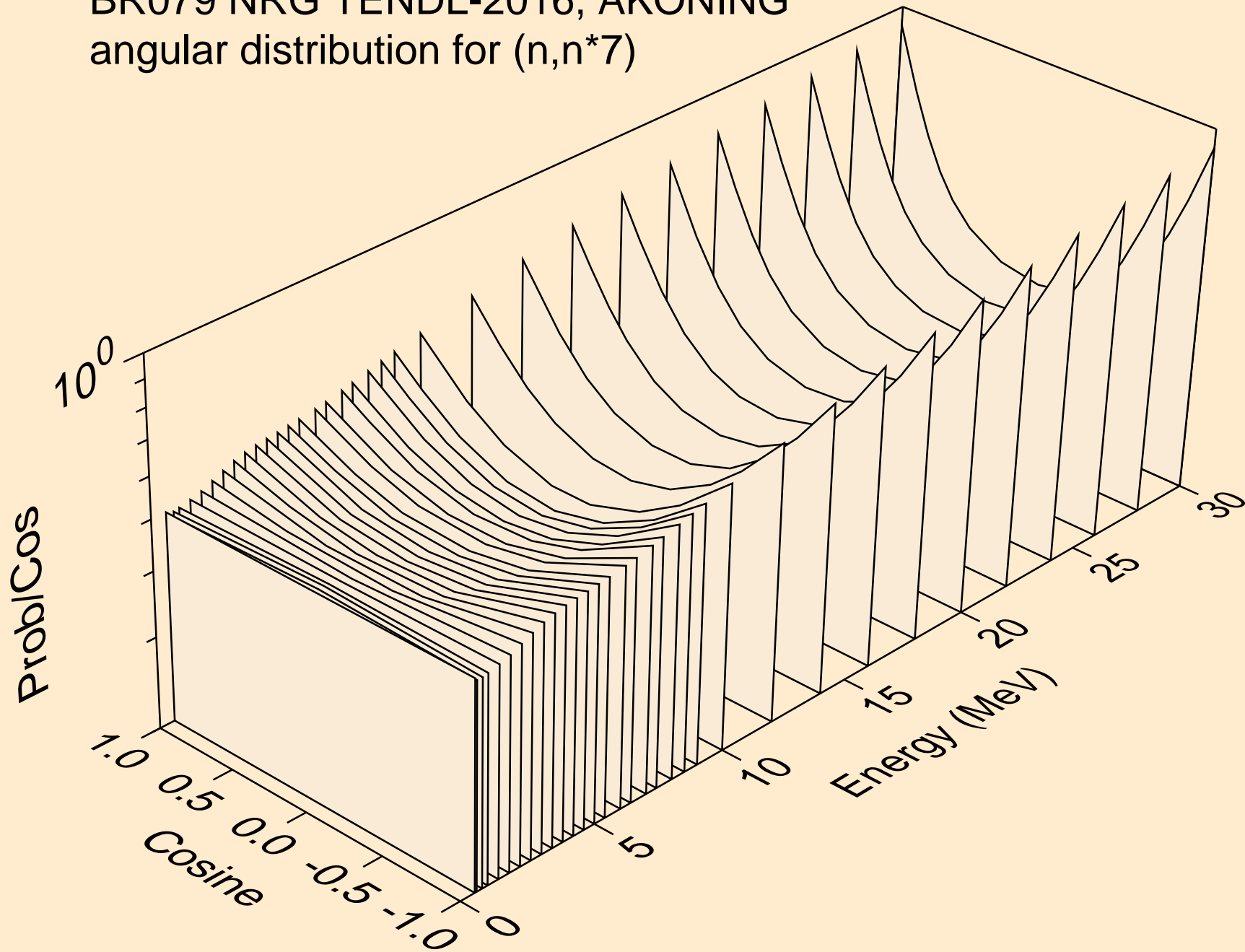
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)



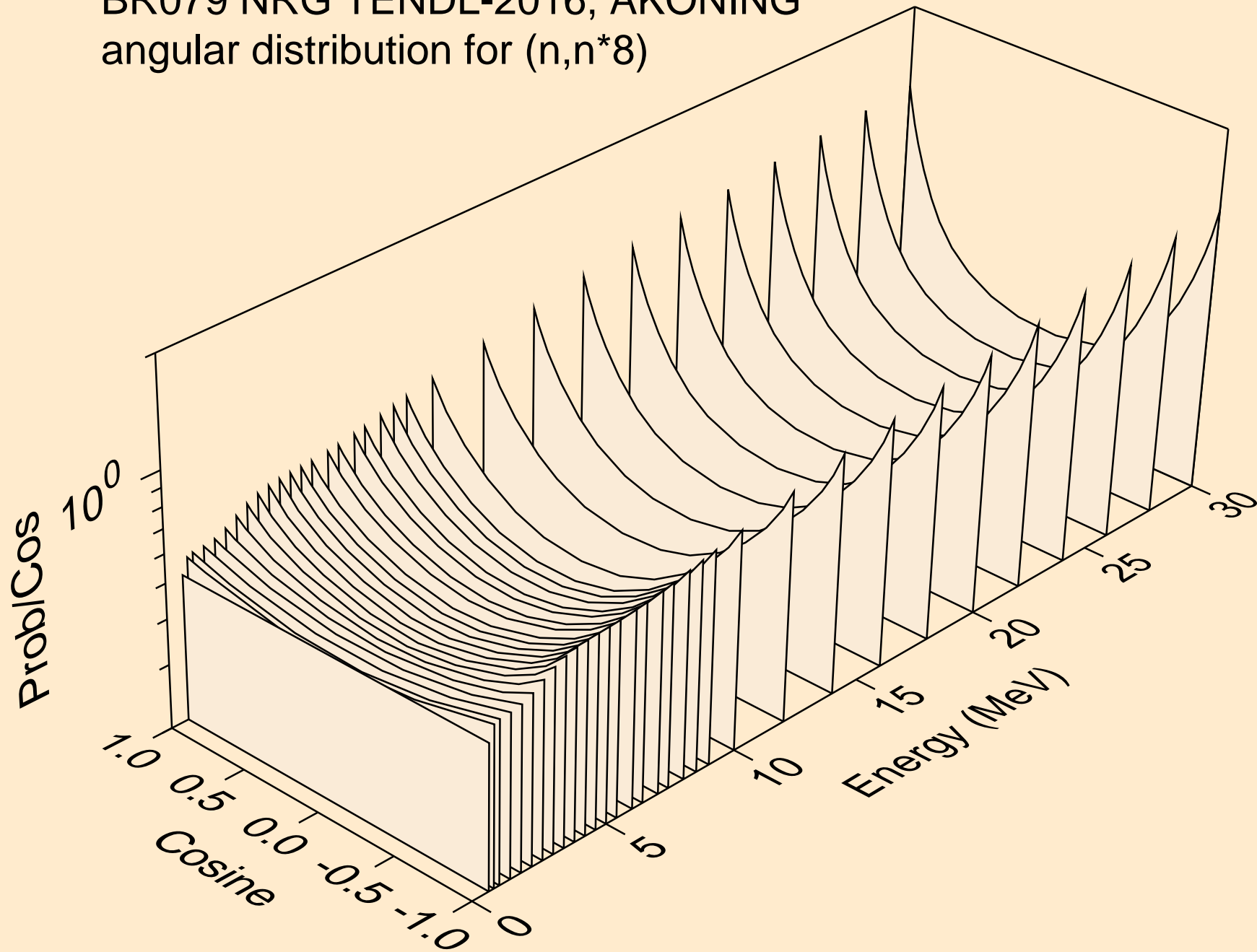
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*6)



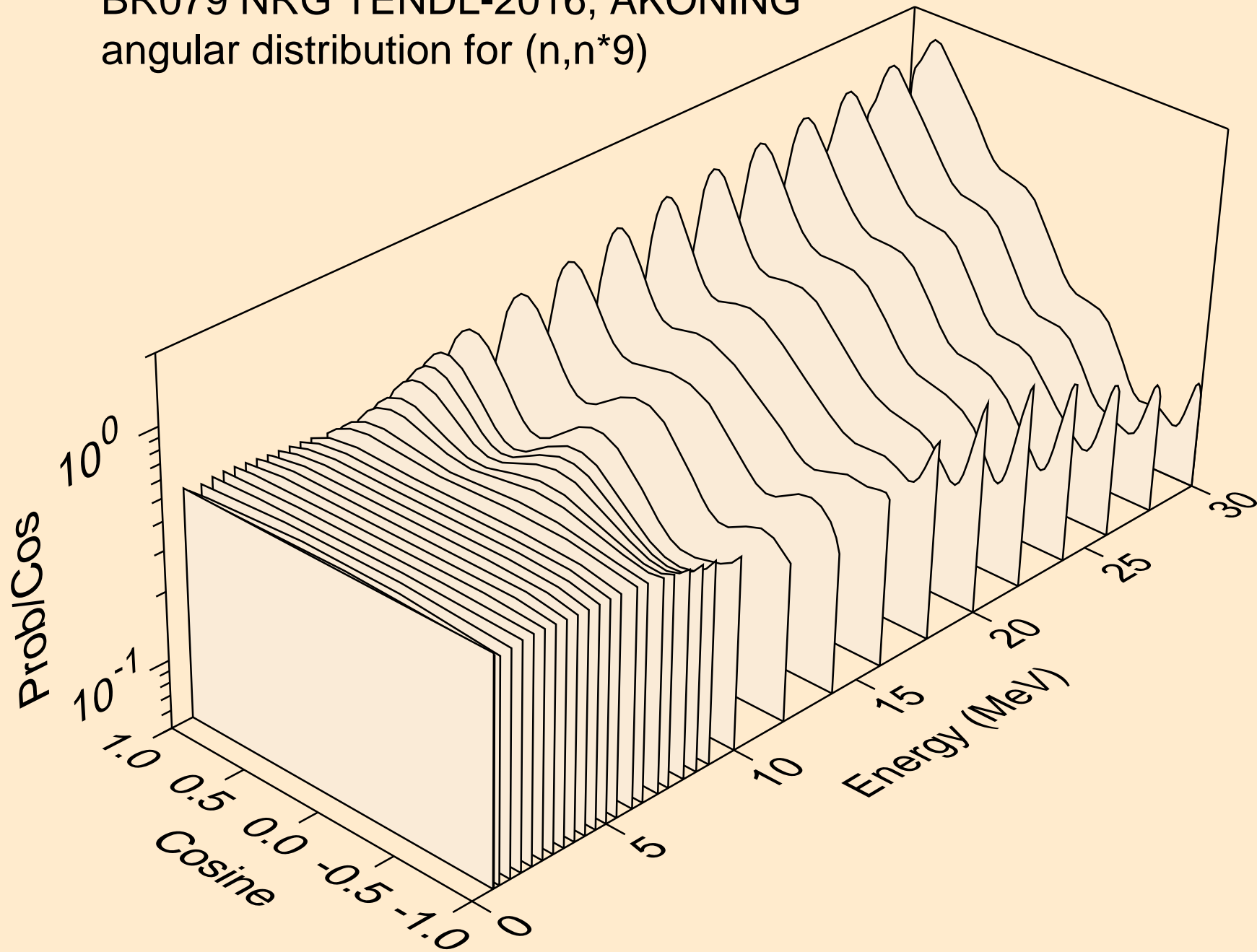
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*7)



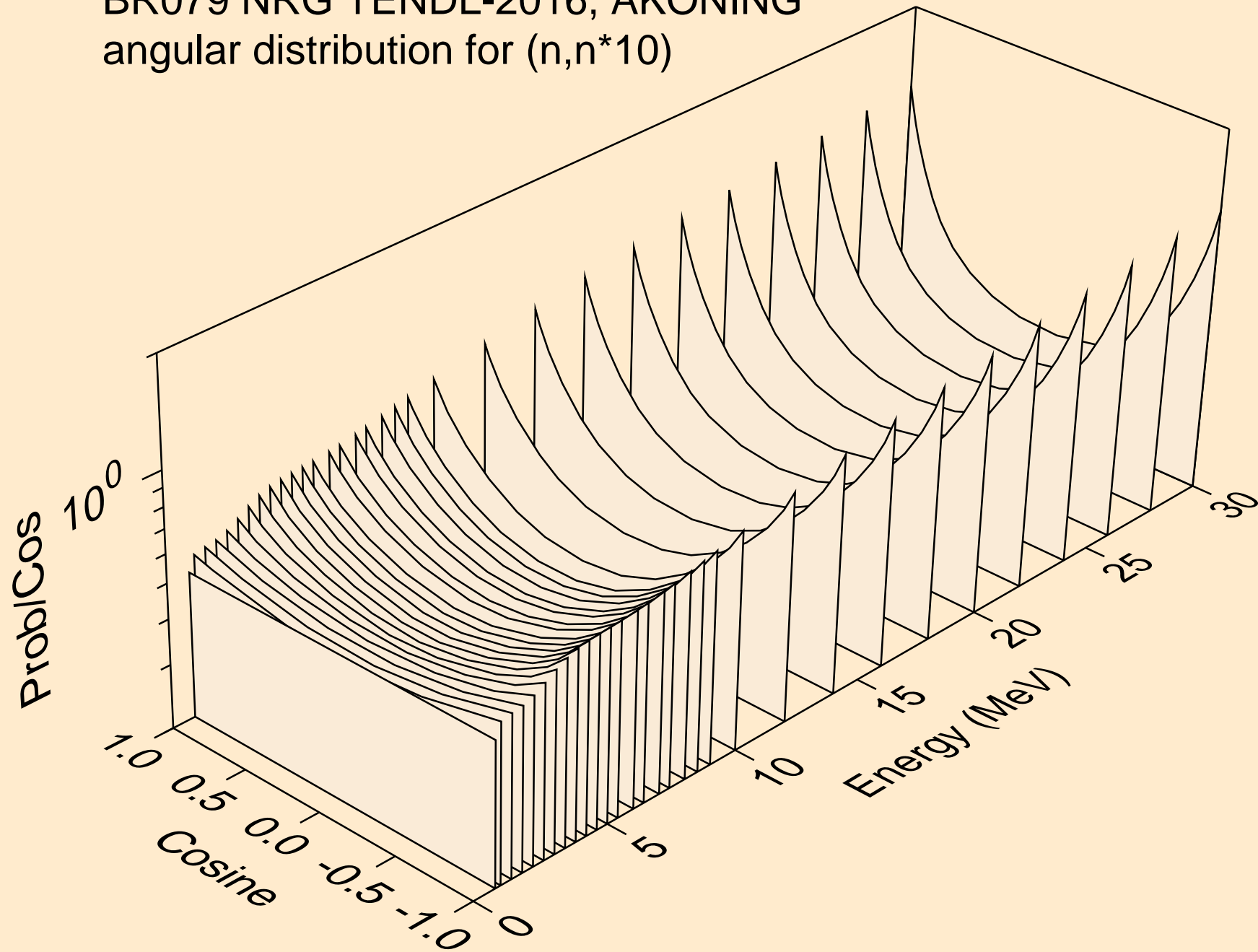
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*8)



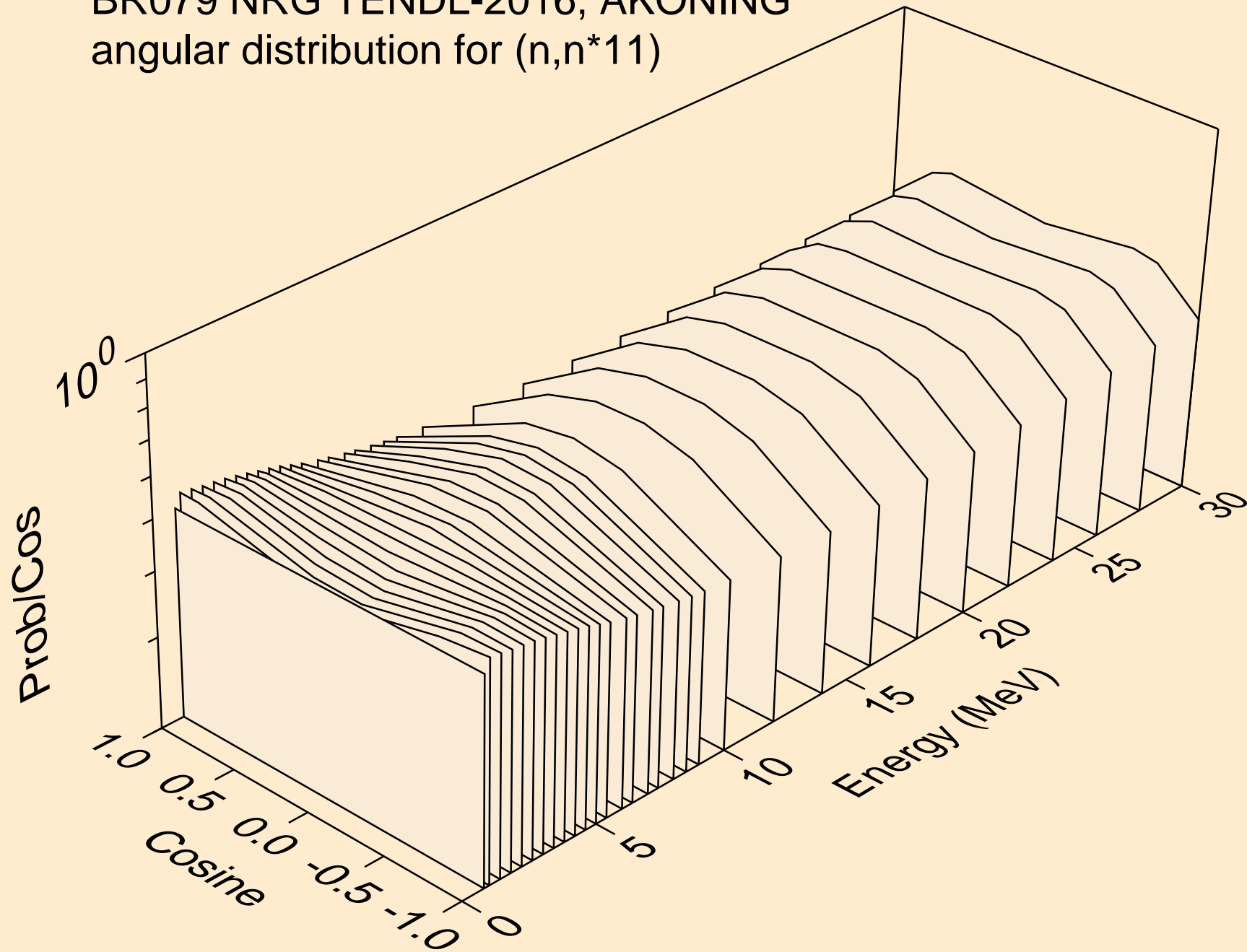
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*9)



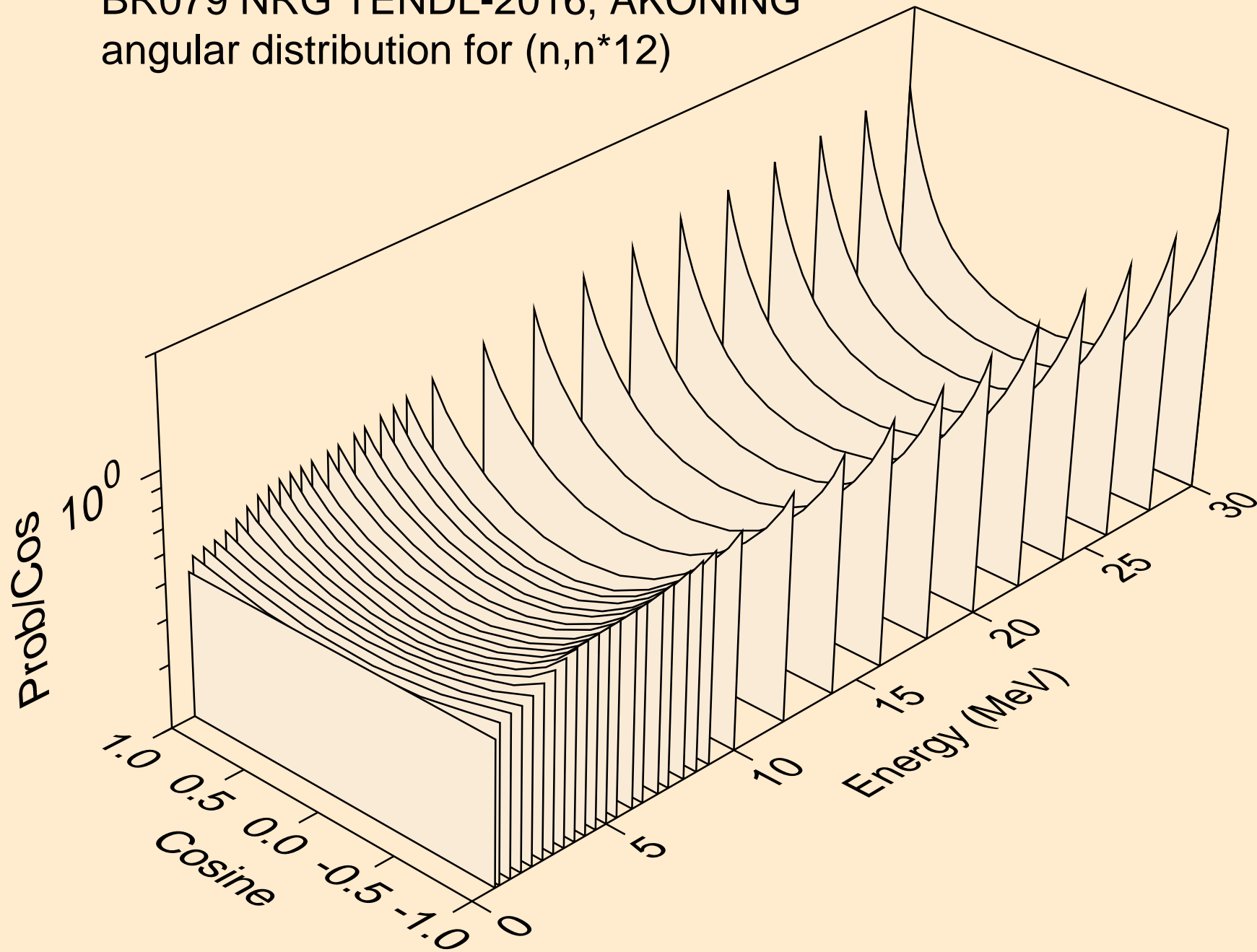
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*10)



BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*11)

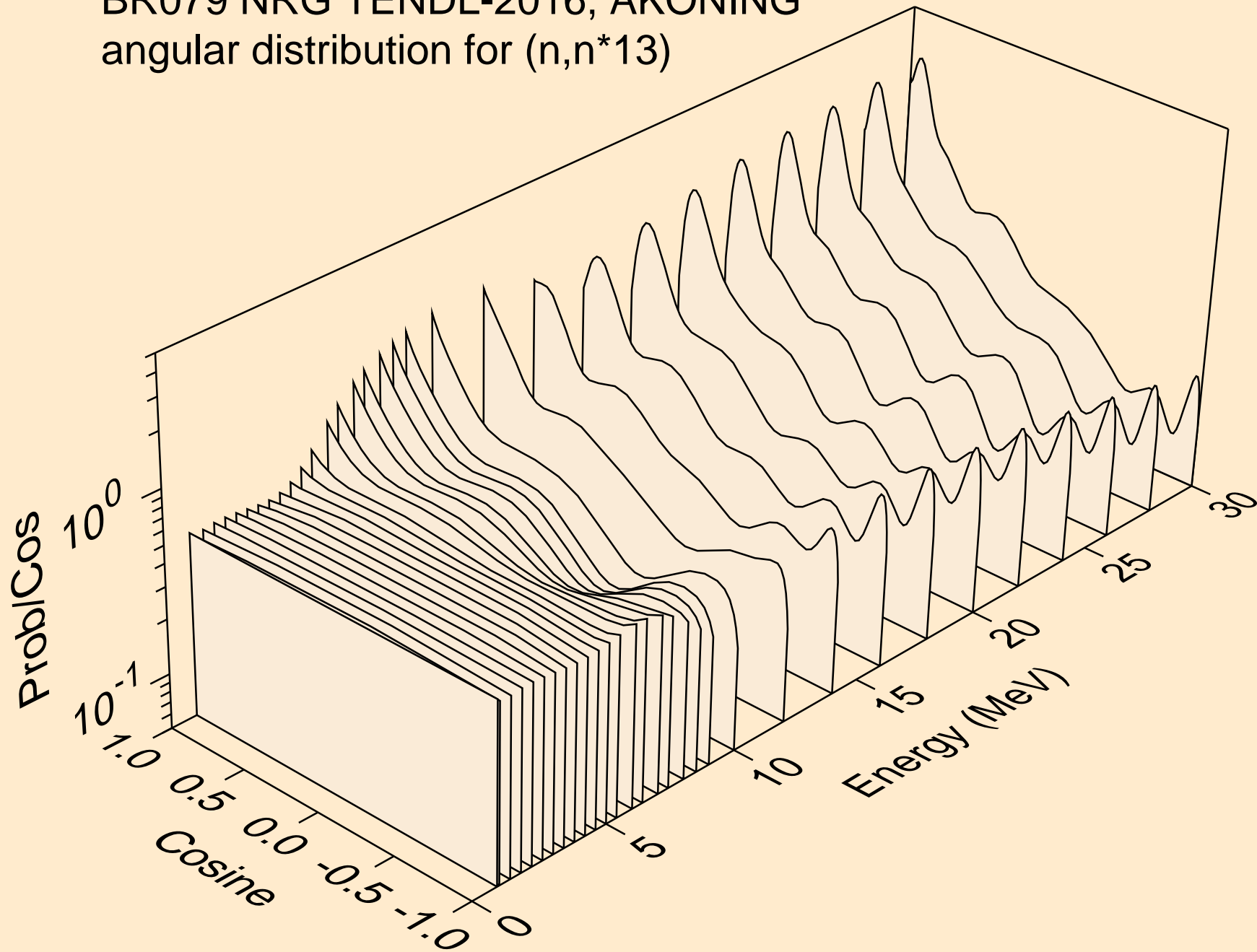


BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*12)

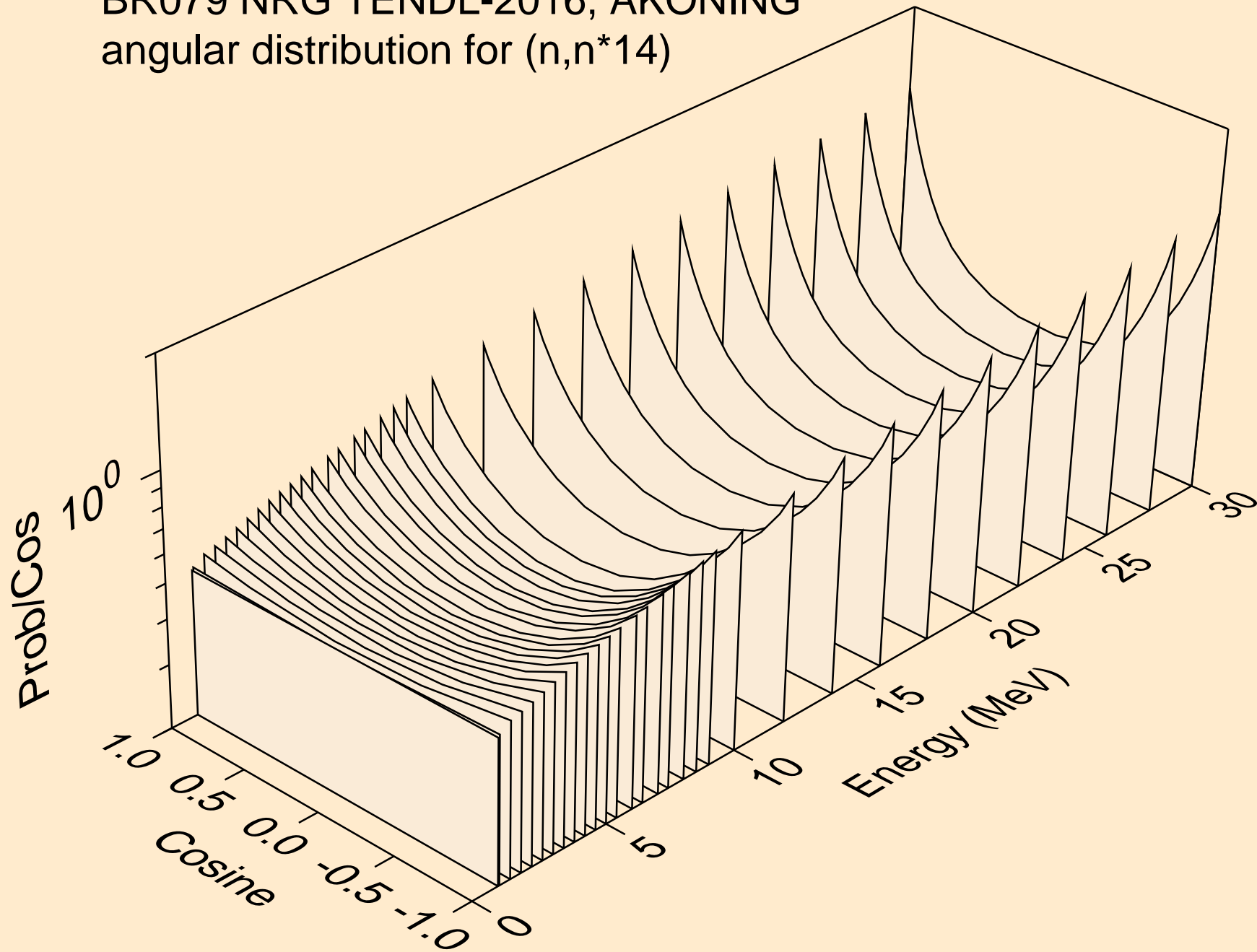




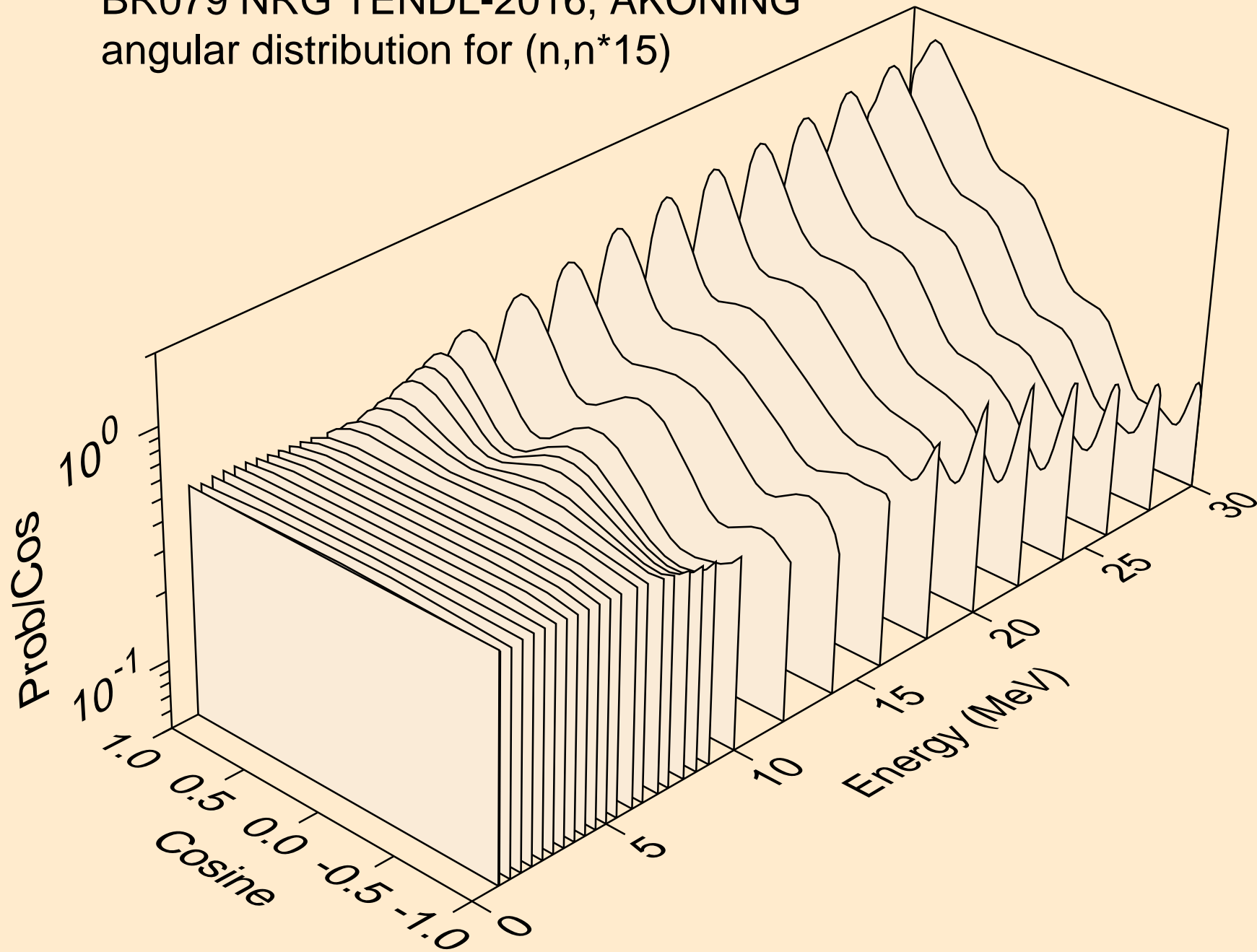
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angular distribution for (n,n\*13)



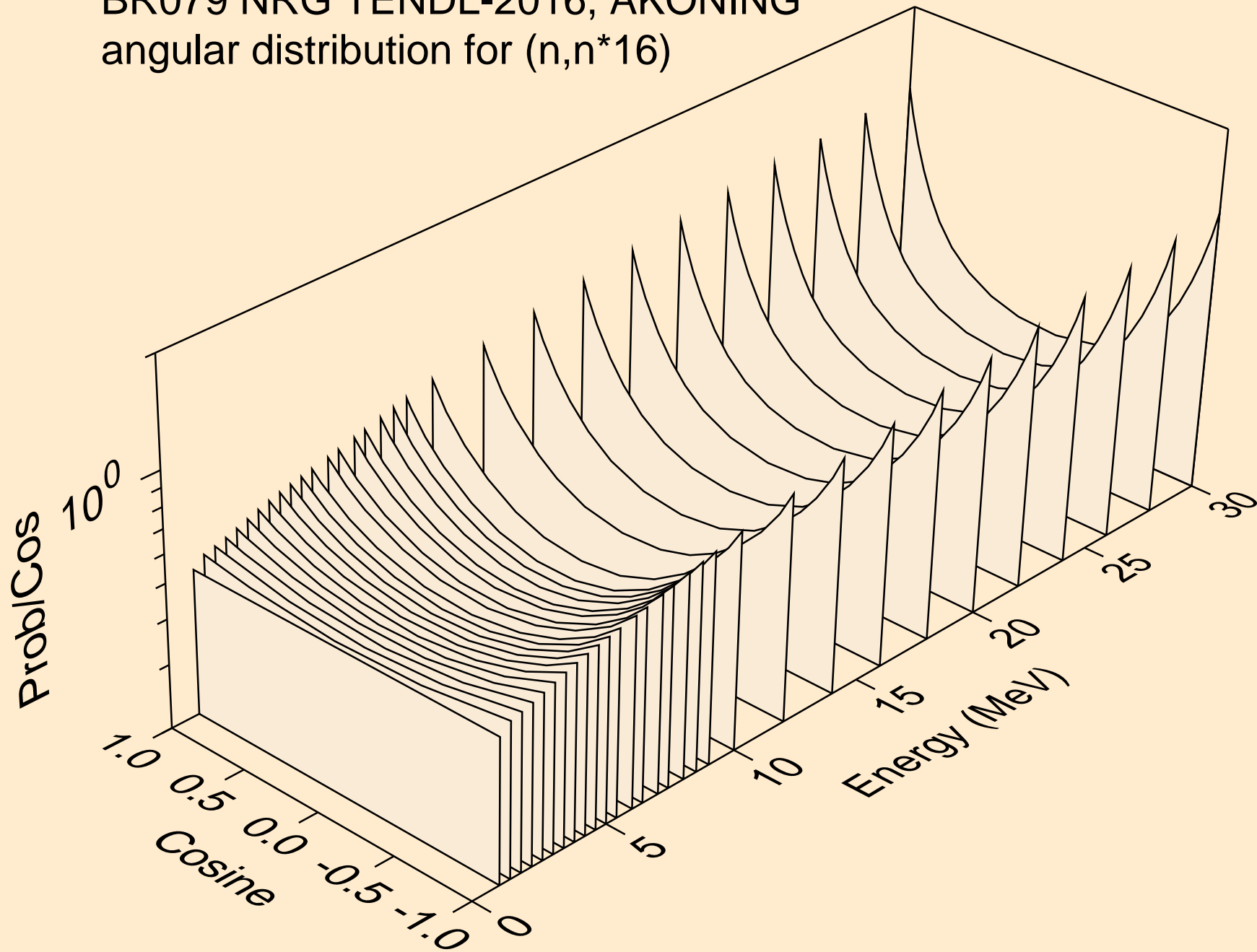
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*14)



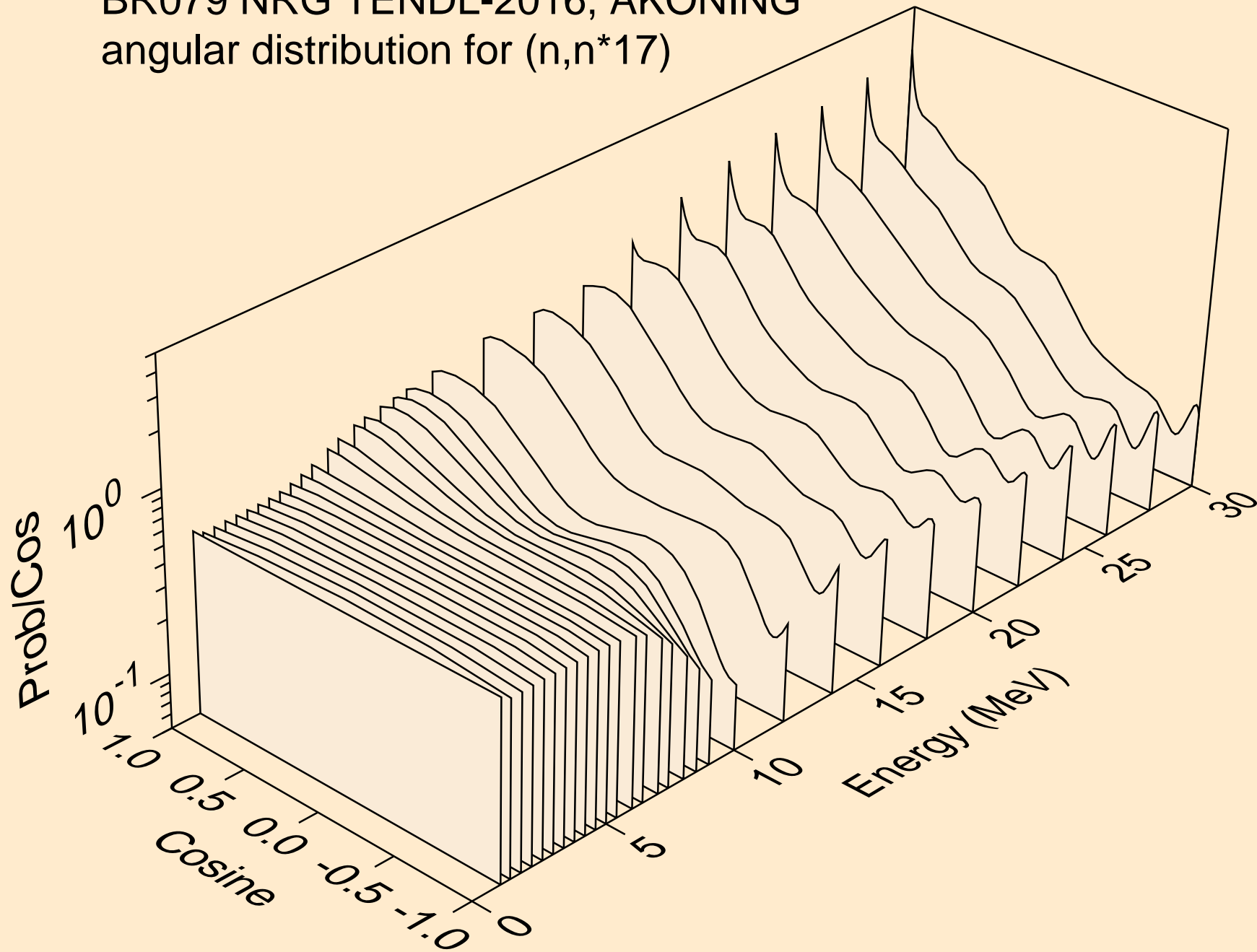
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*15)



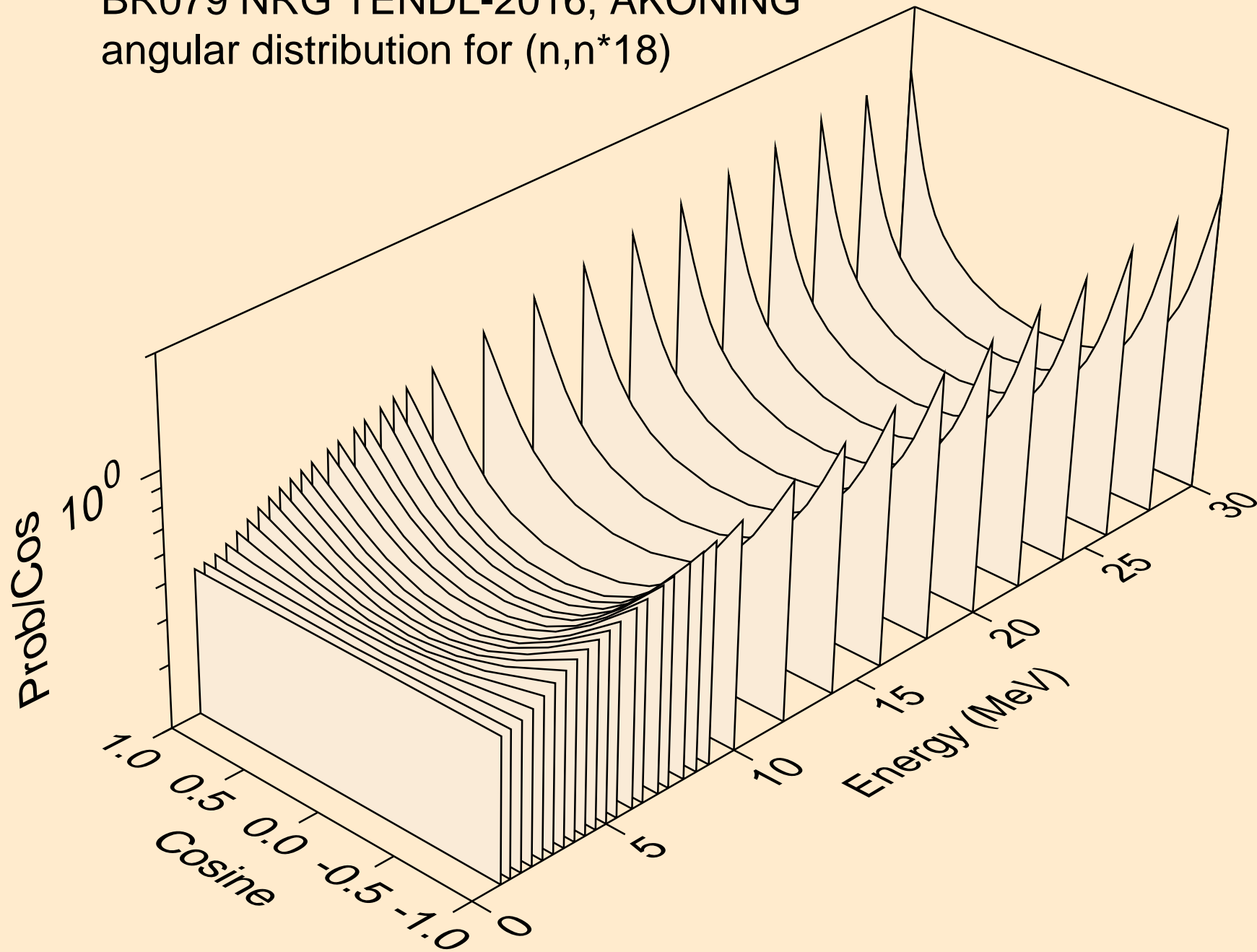
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*16)



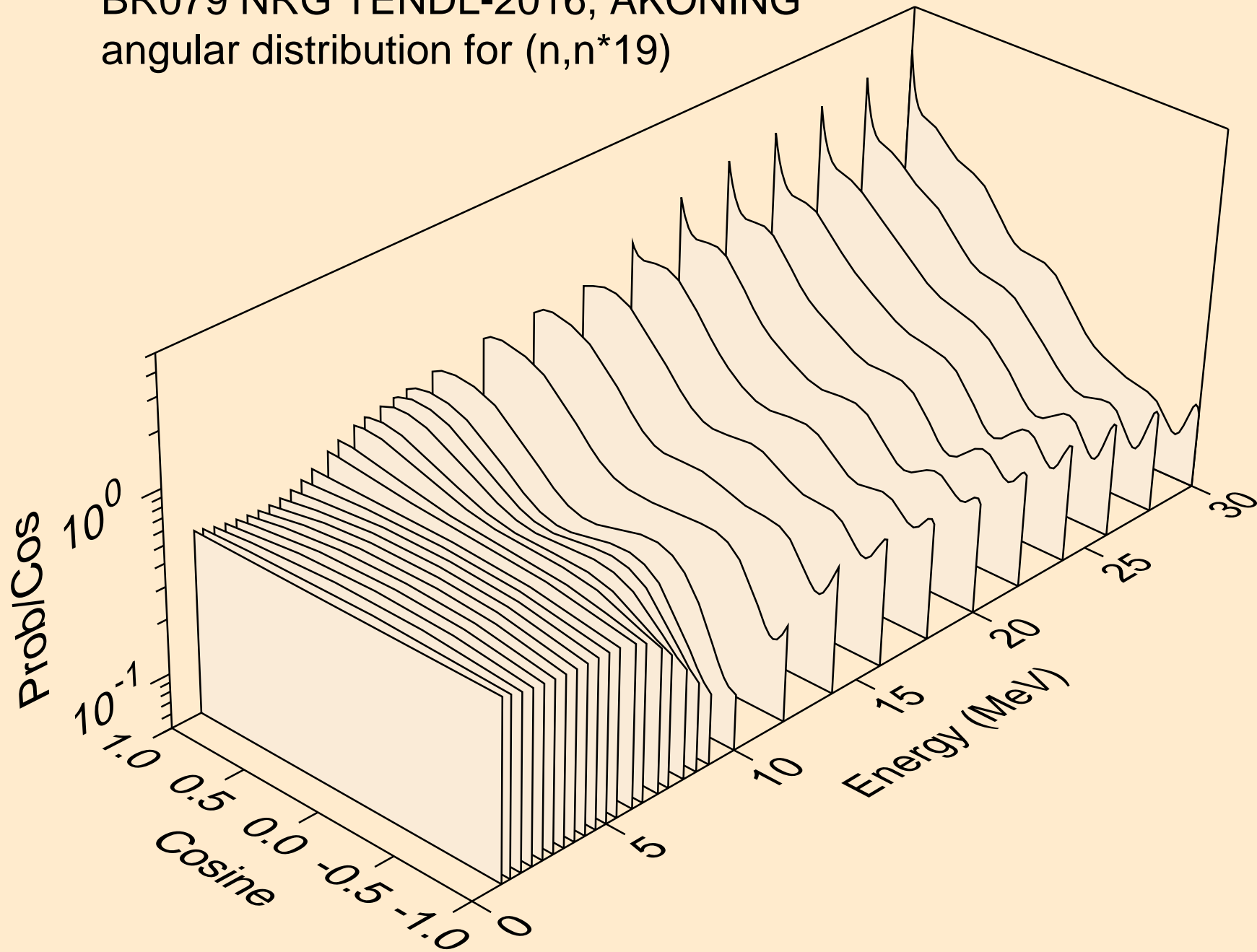
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*17)



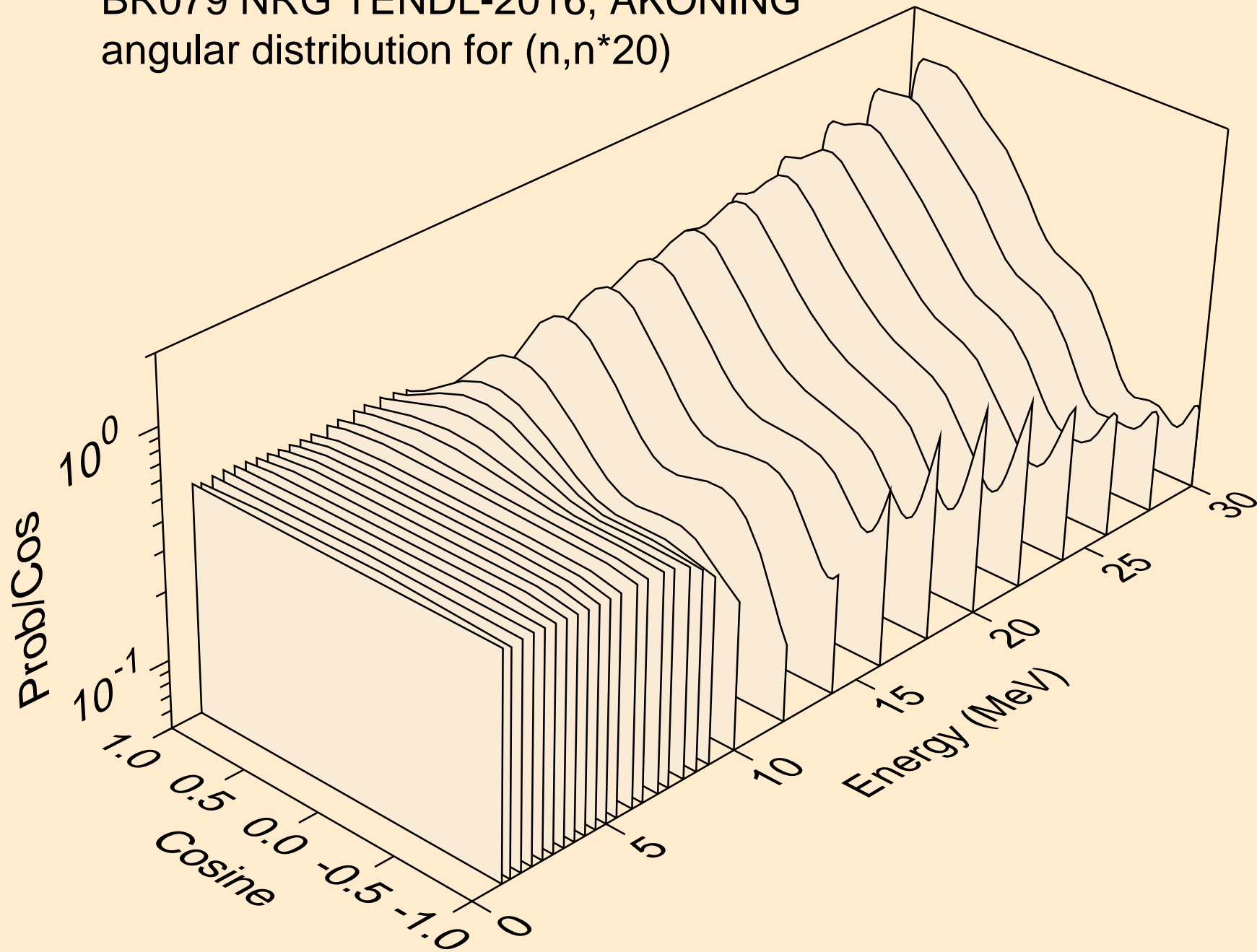
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*18)



BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*19)

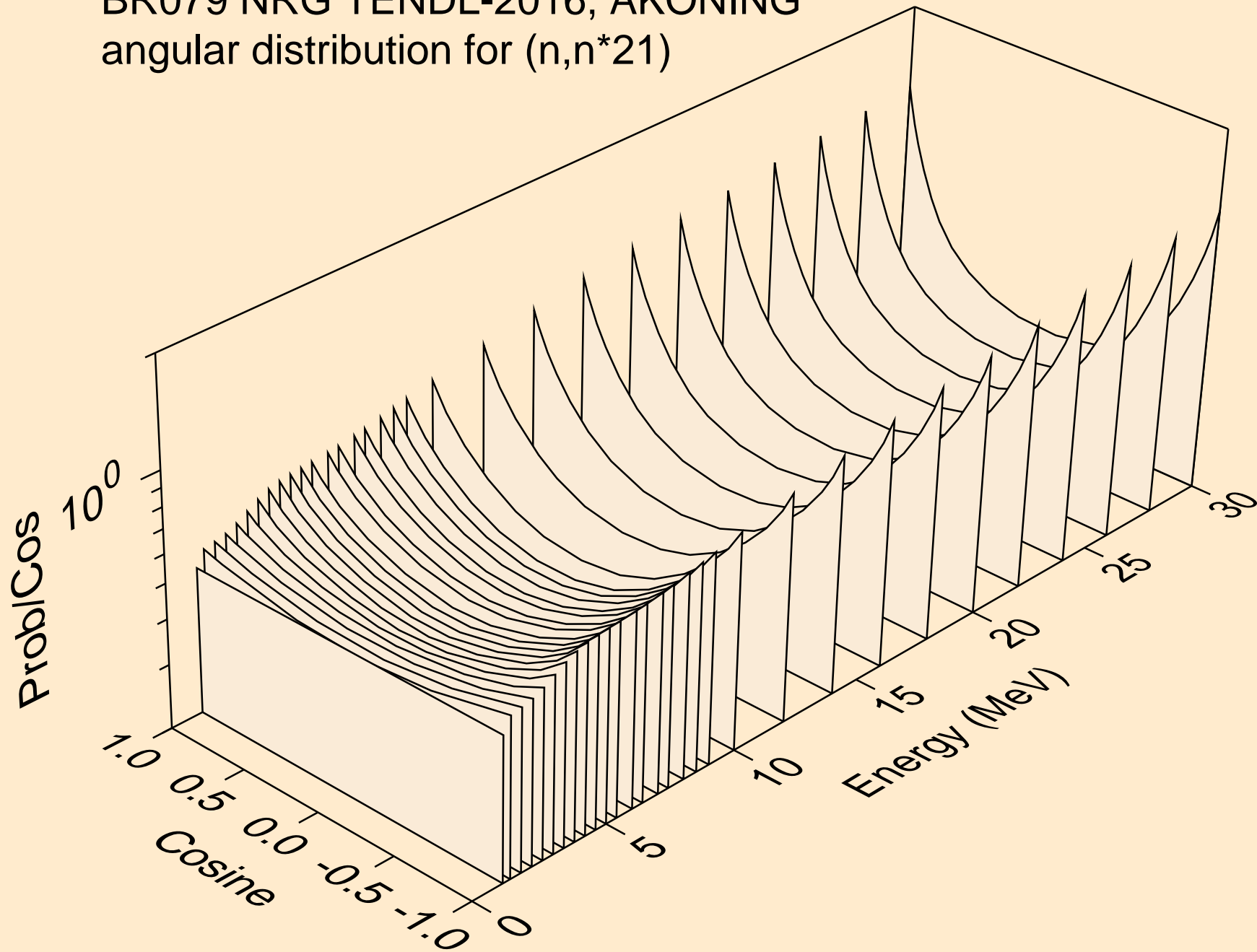


BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*20)

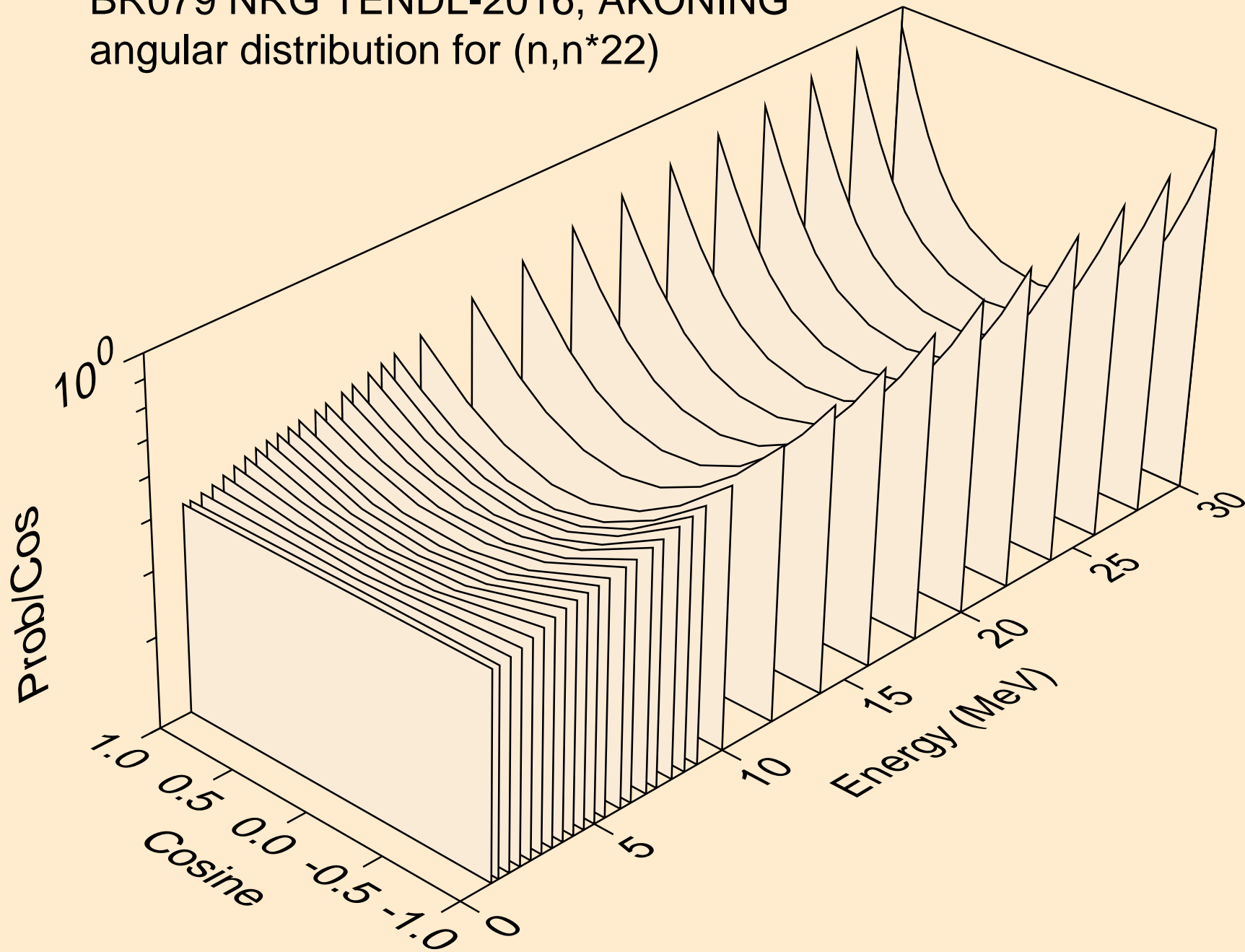




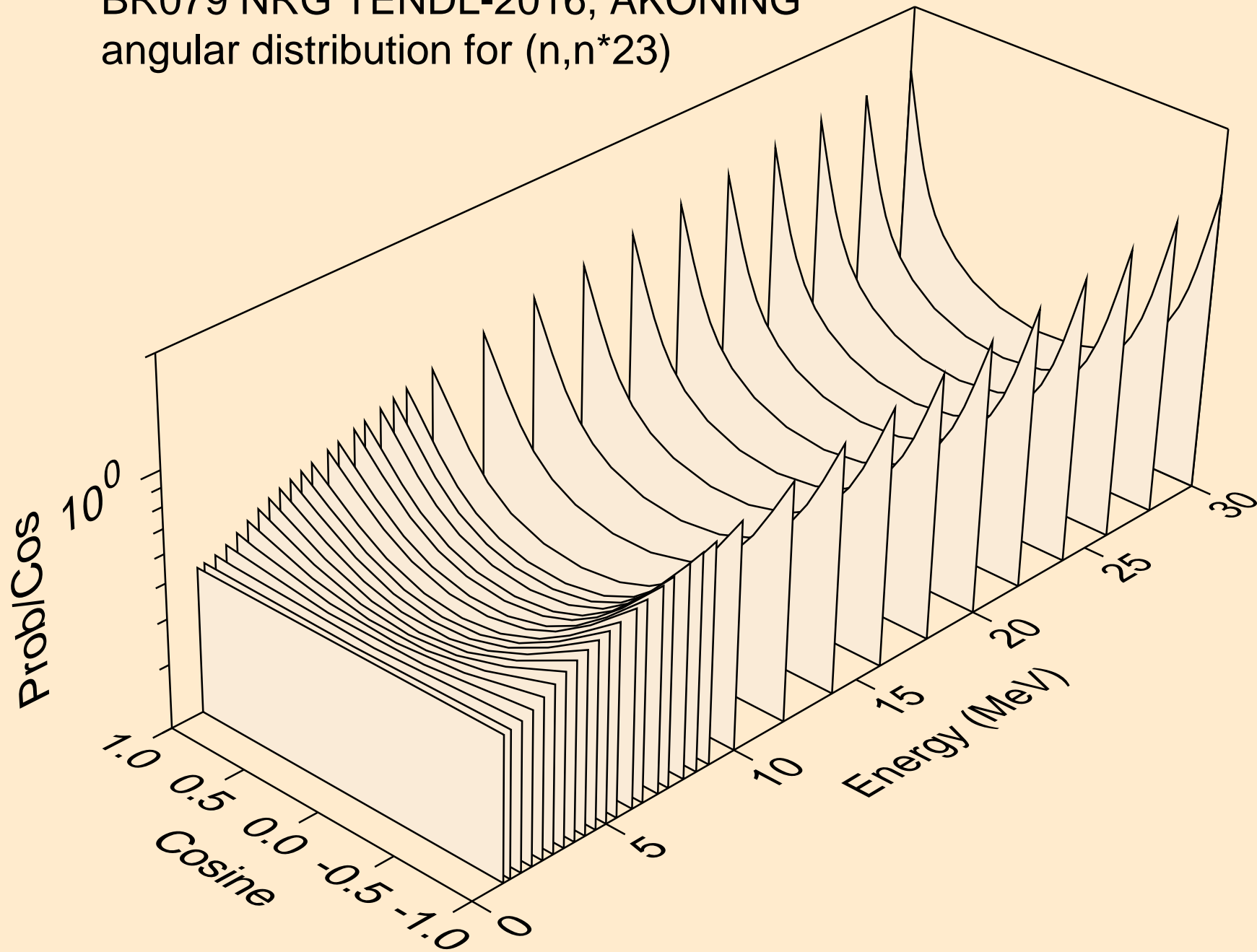
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angular distribution for (n,n\*21)



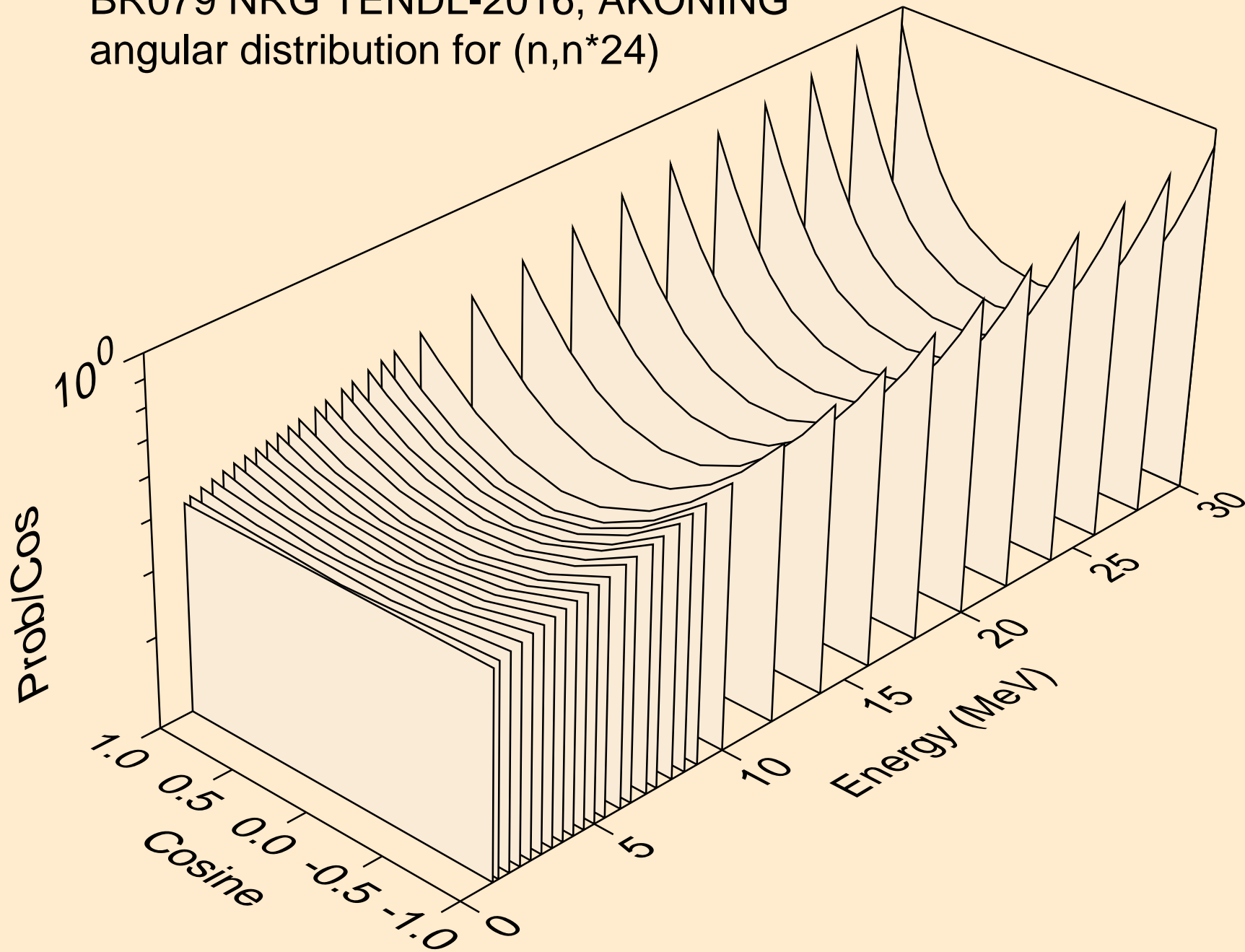
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*22)



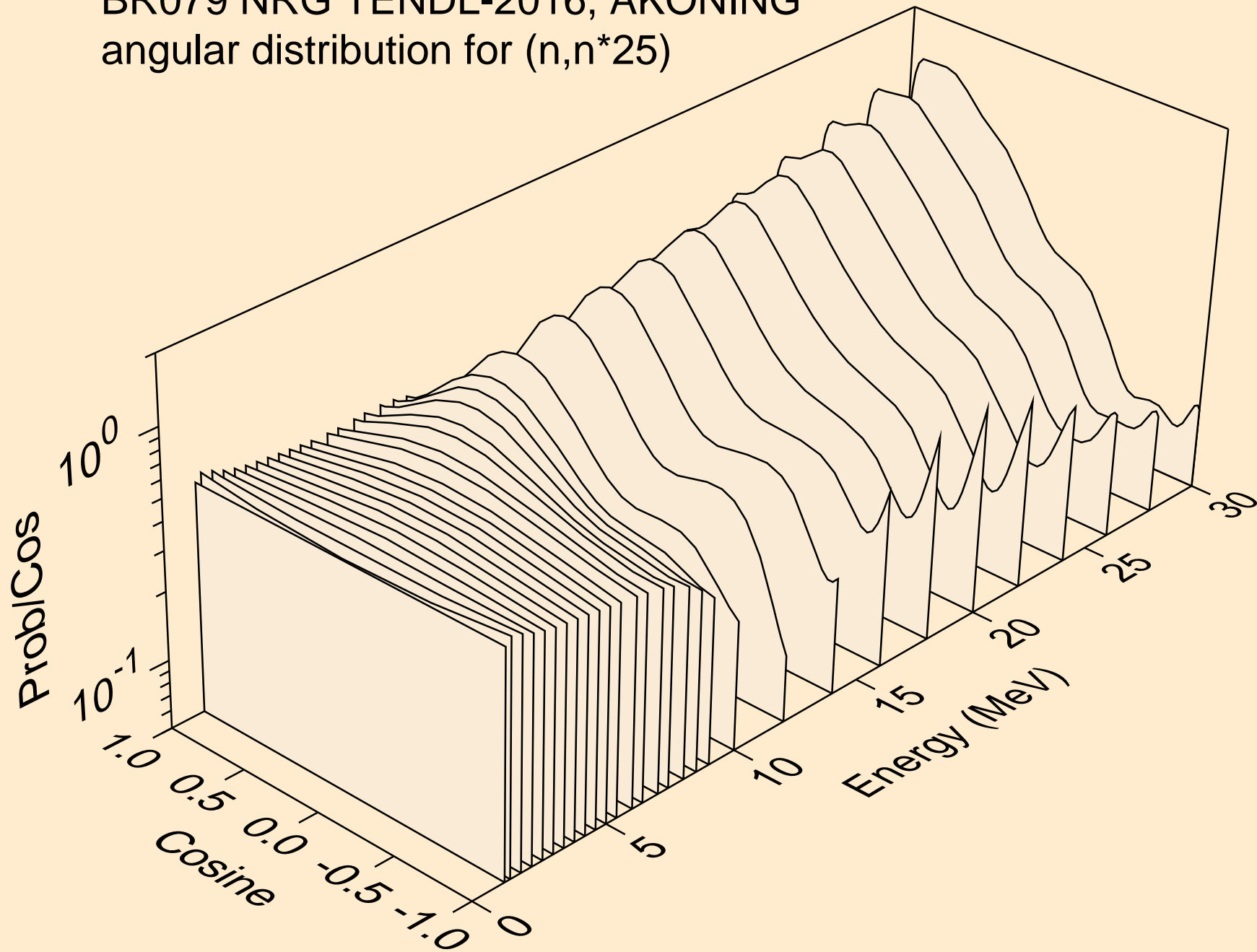
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angular distribution for (n,n\*23)



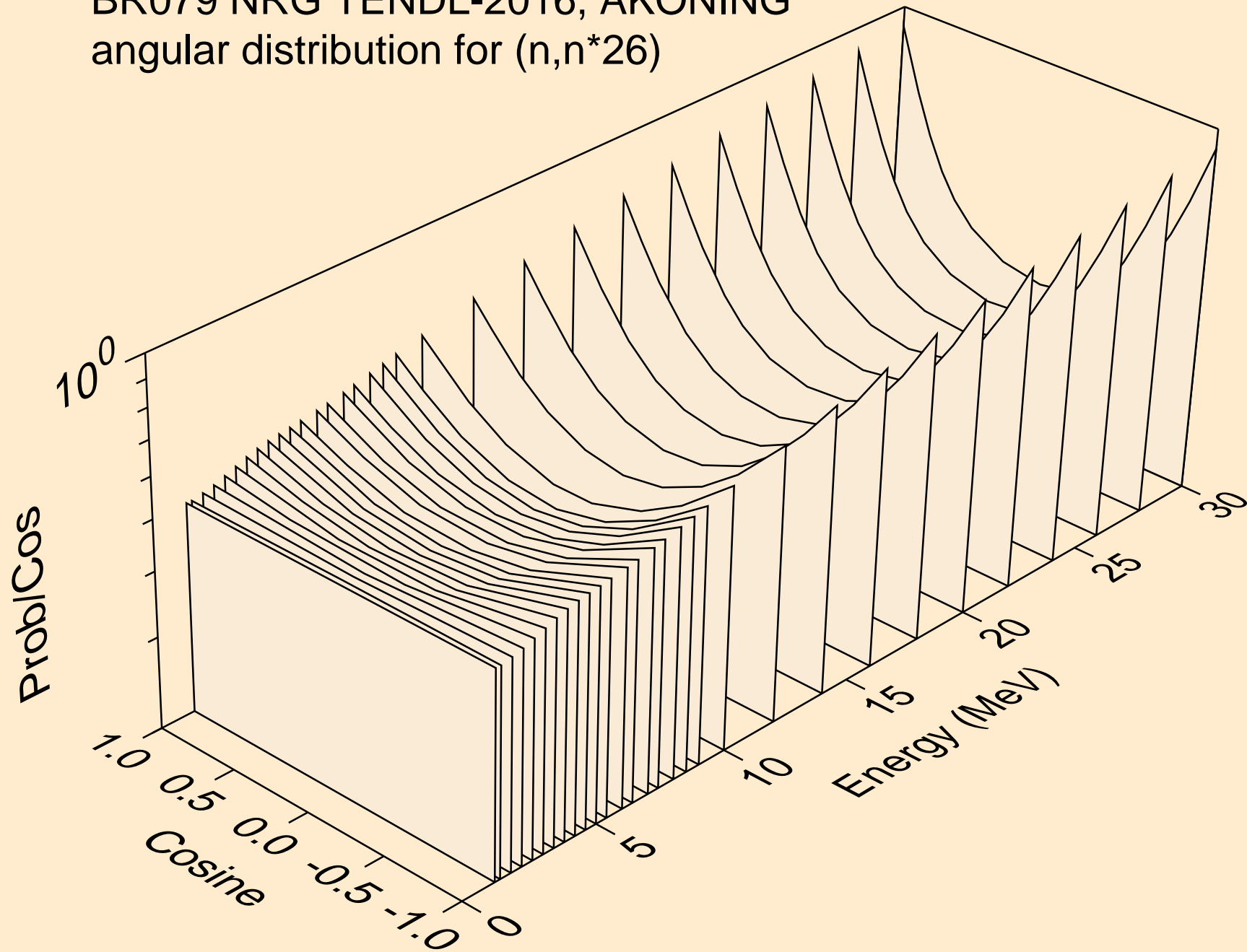
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angular distribution for (n,n\*24)



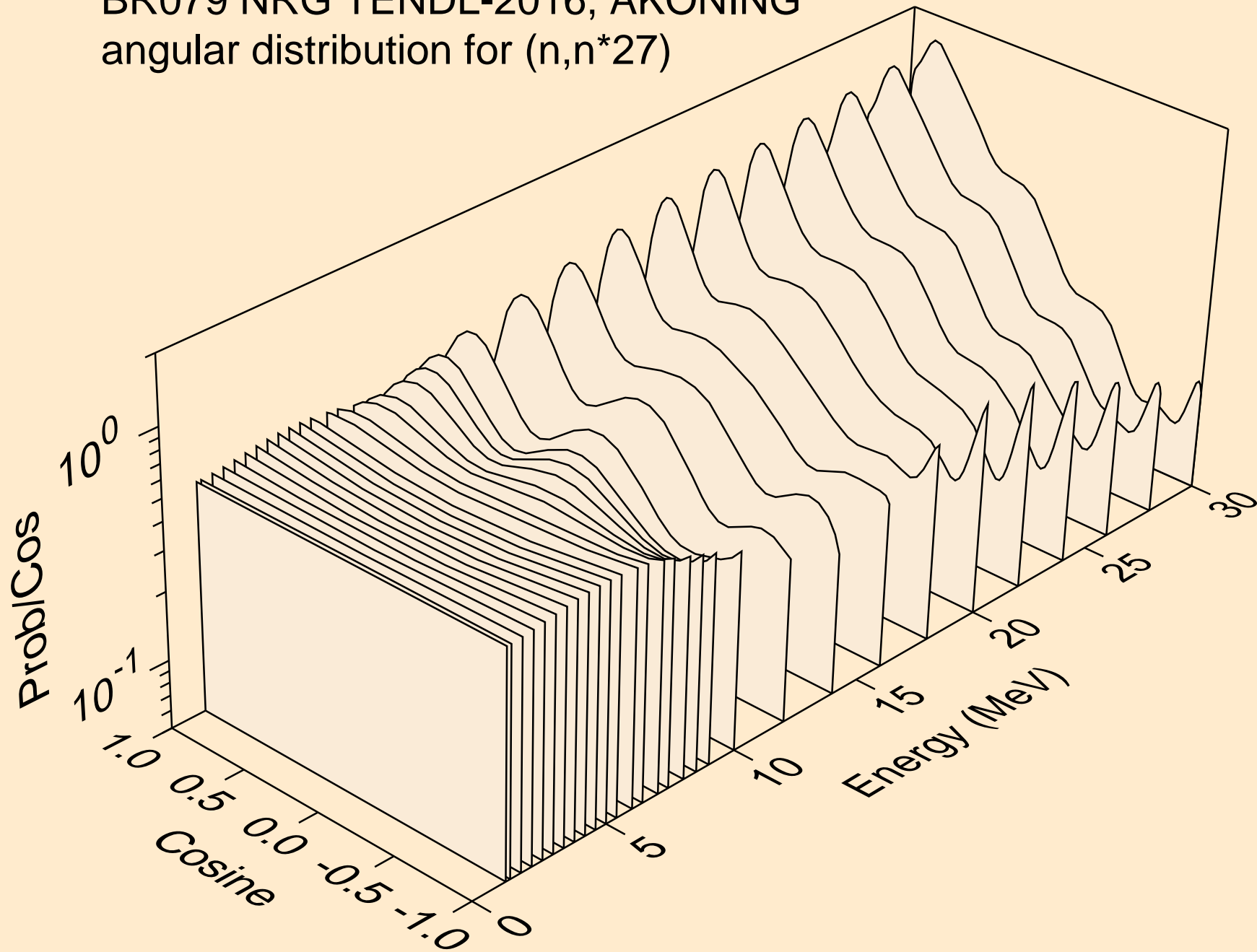
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*25)



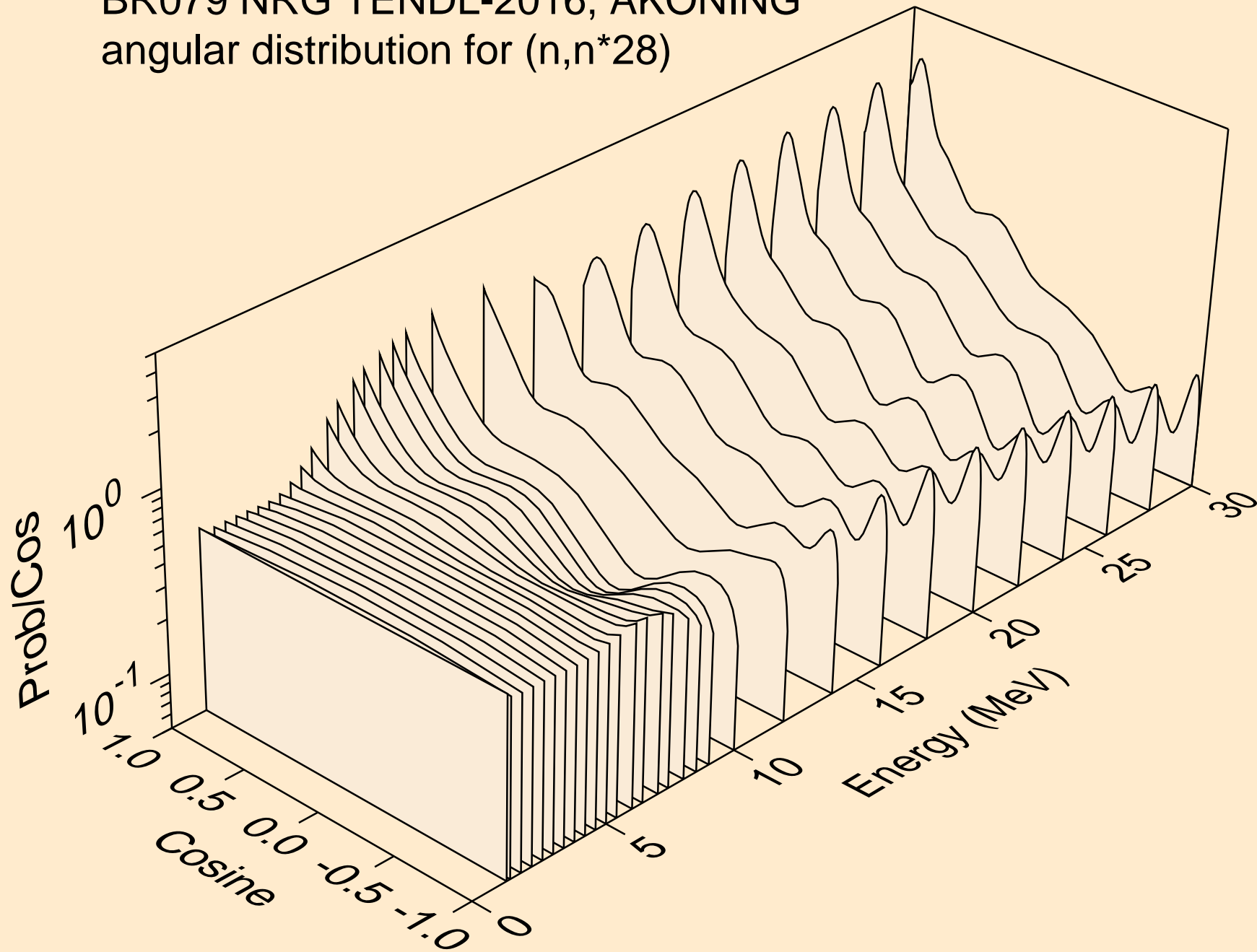
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*26)



BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*27)

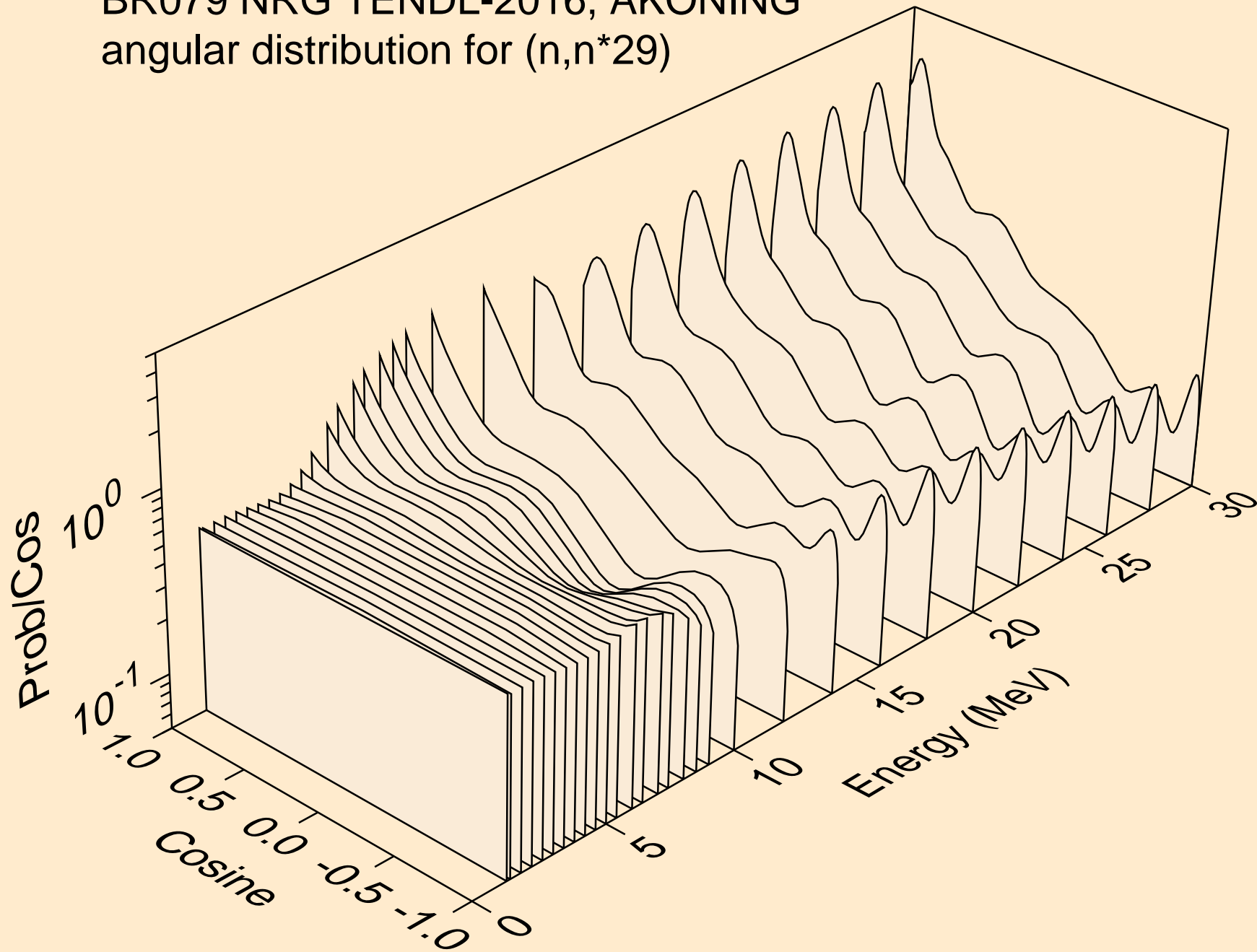


BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*28)

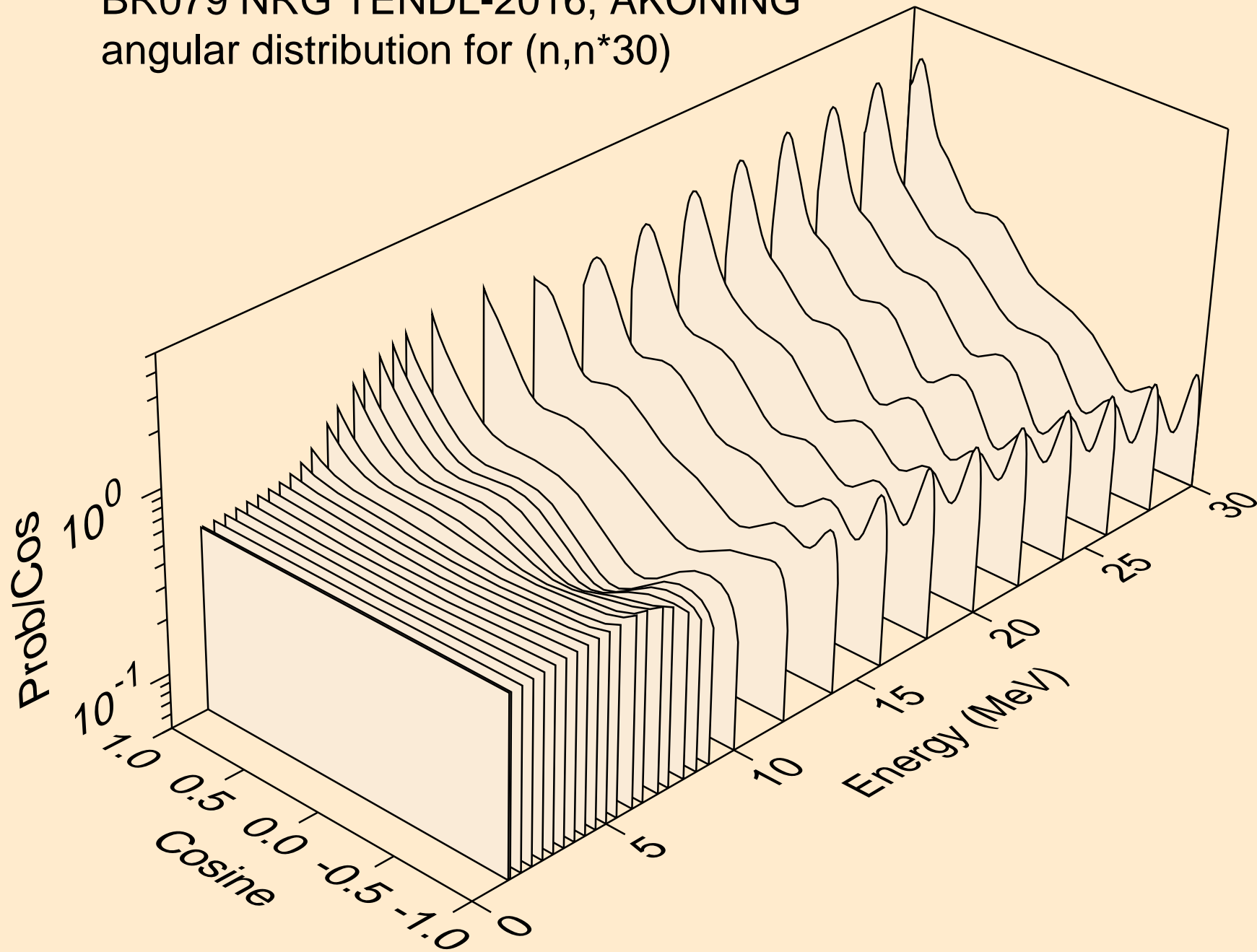




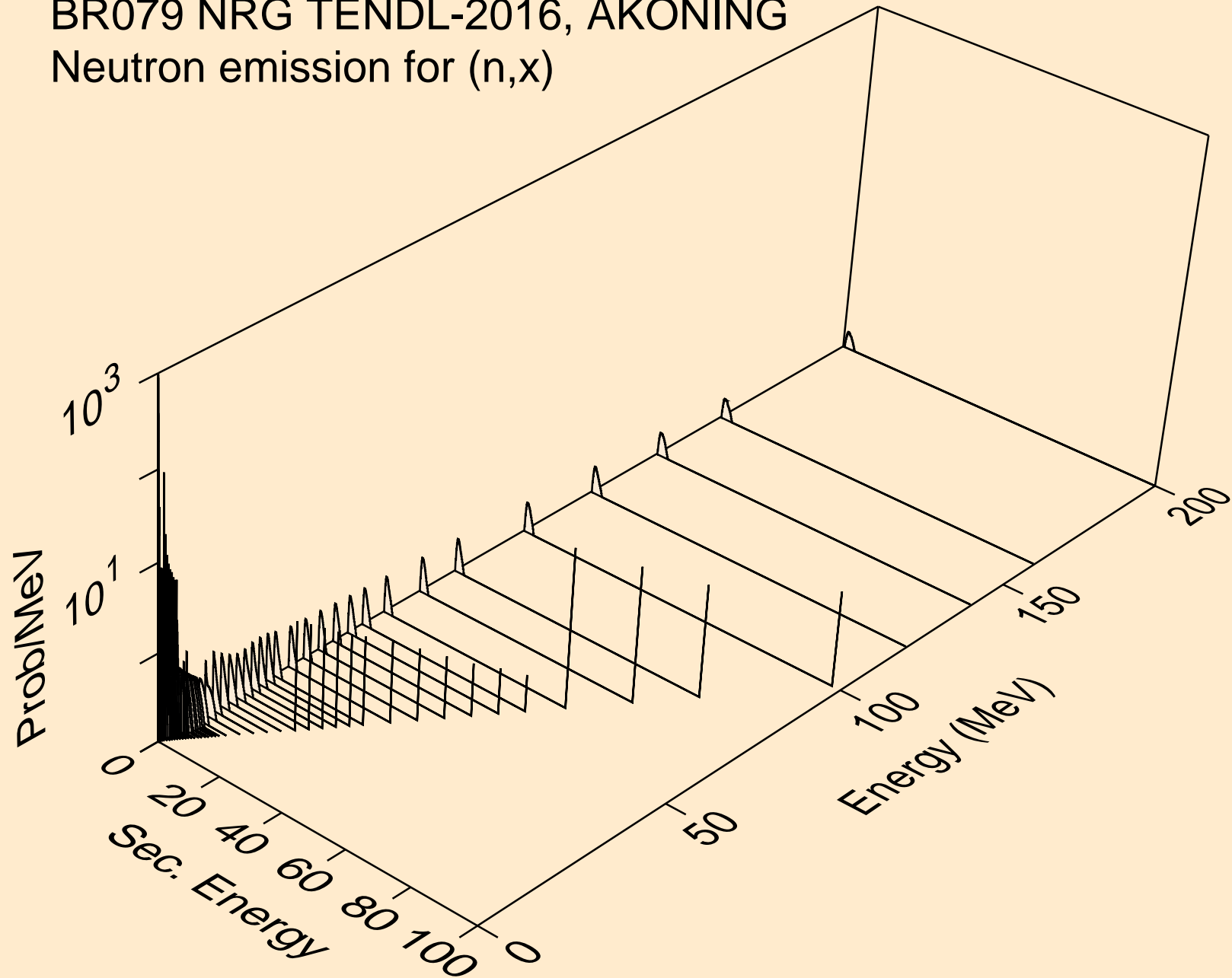
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*29)



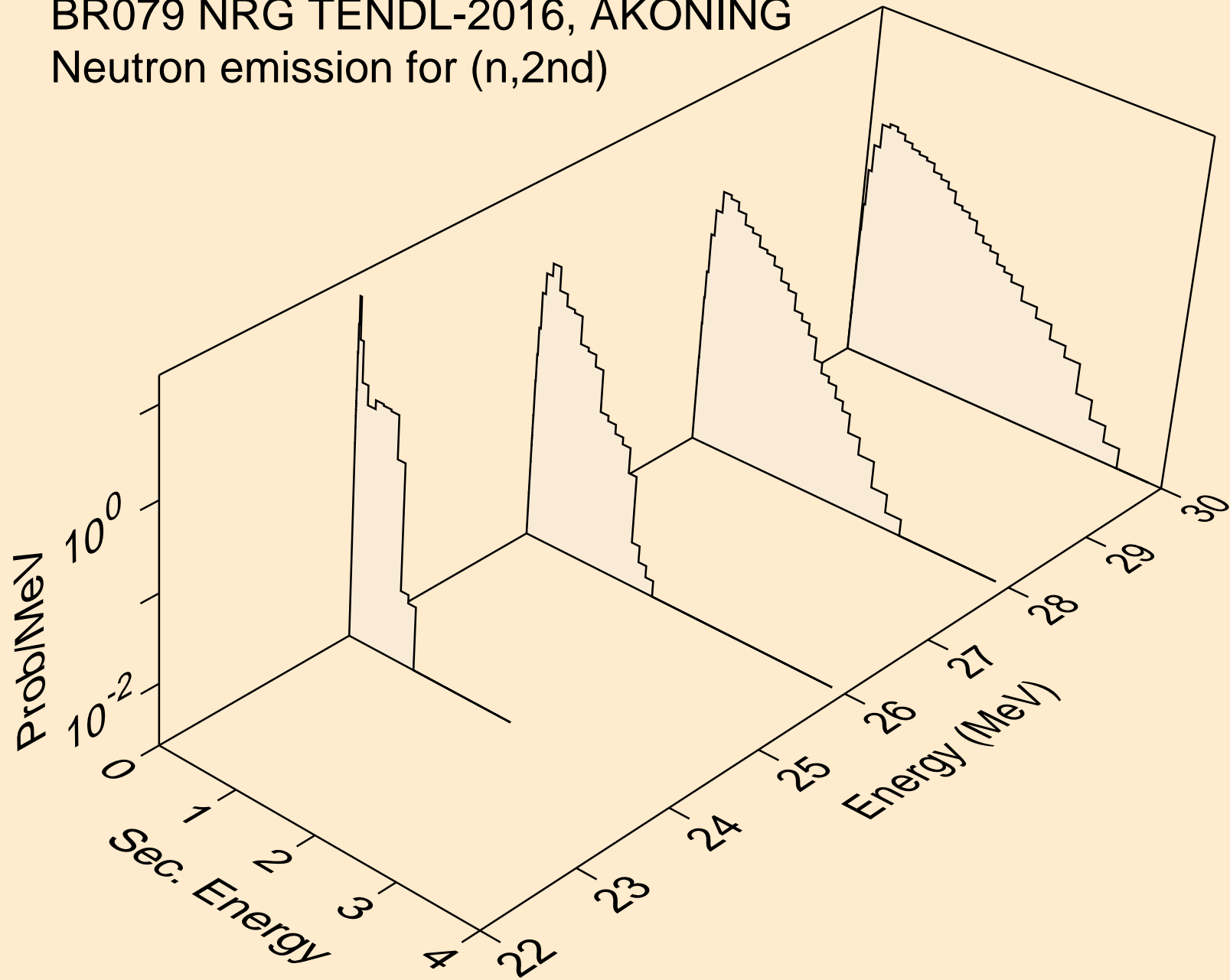
BR079 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*30)



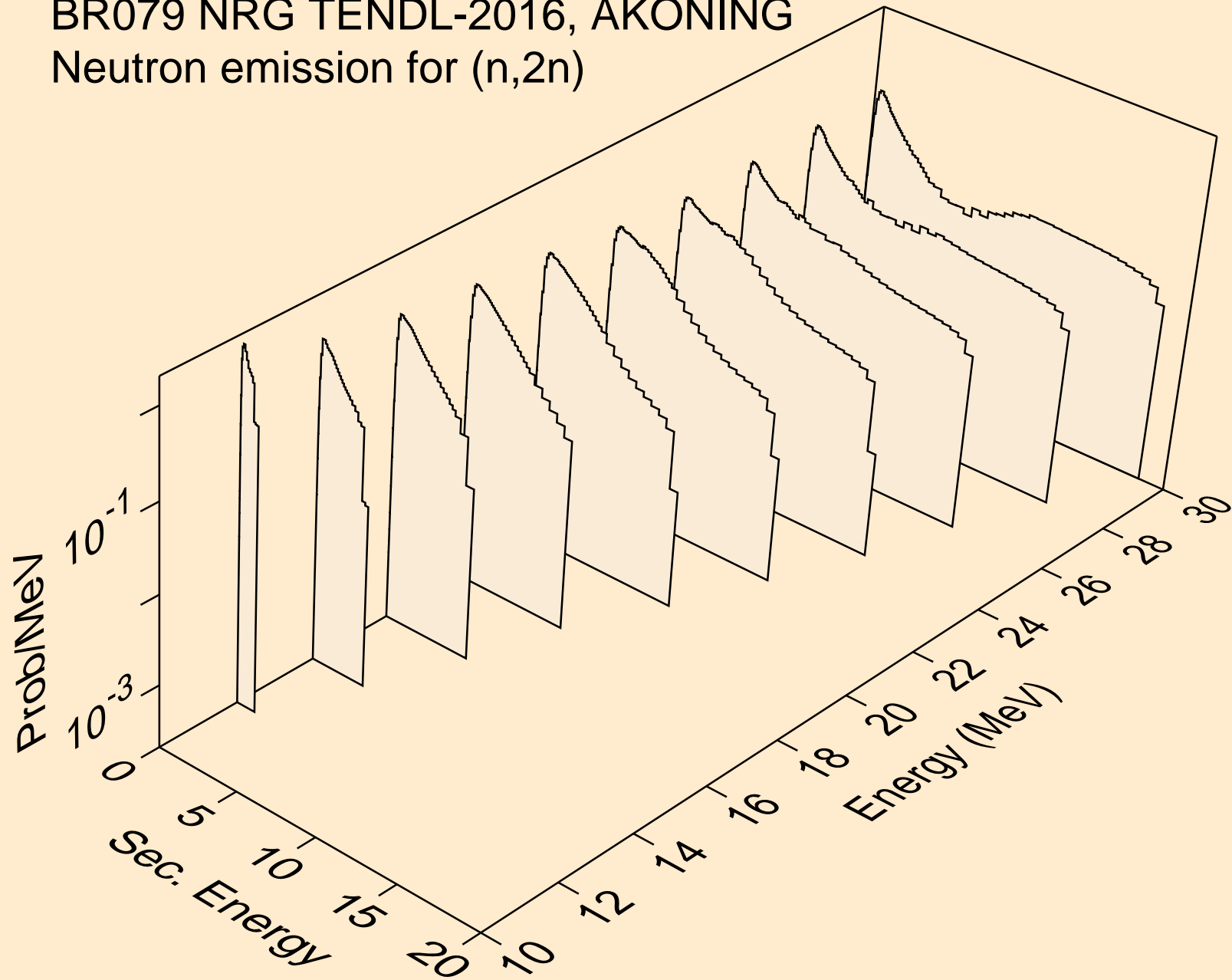
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,x)



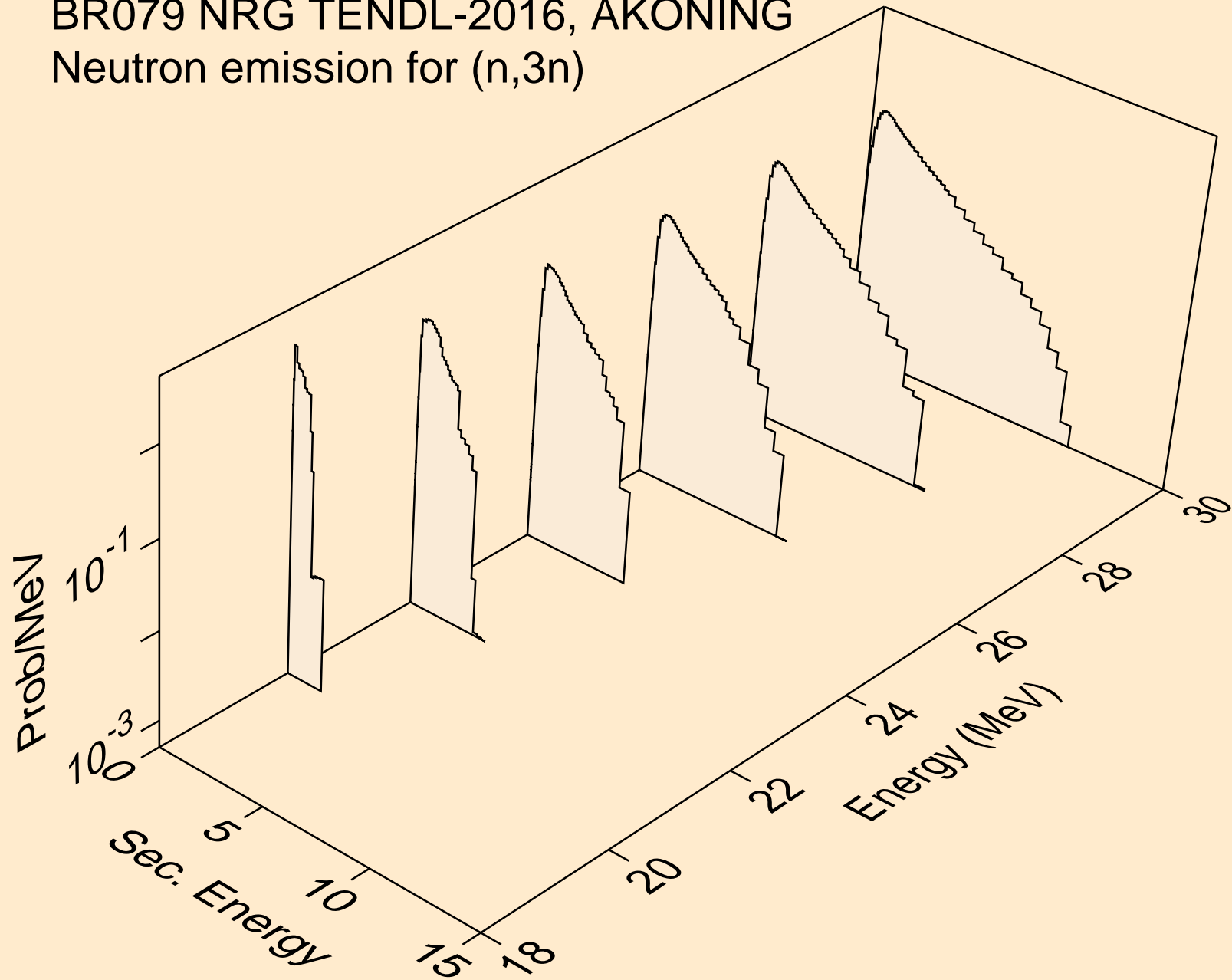
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)



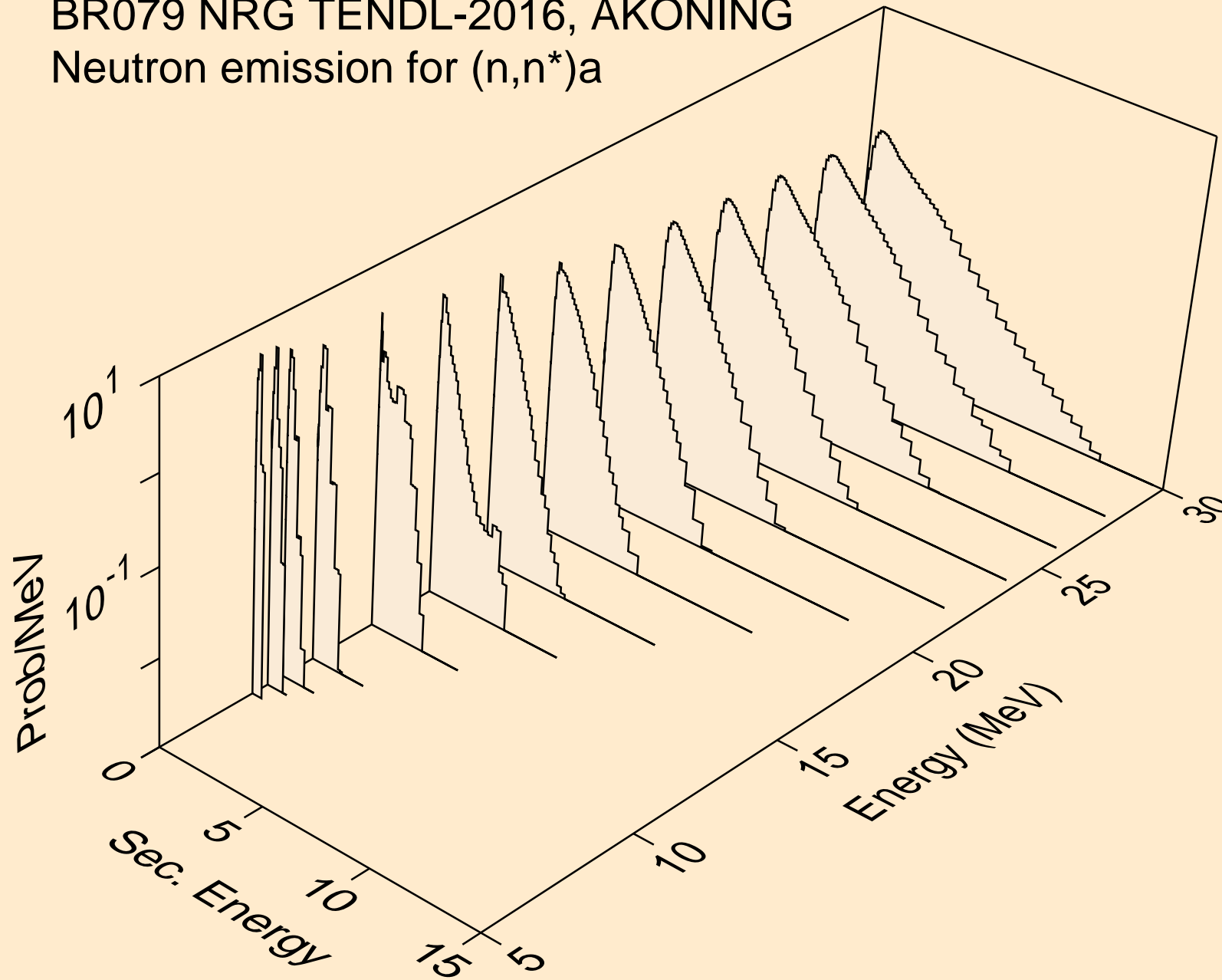
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



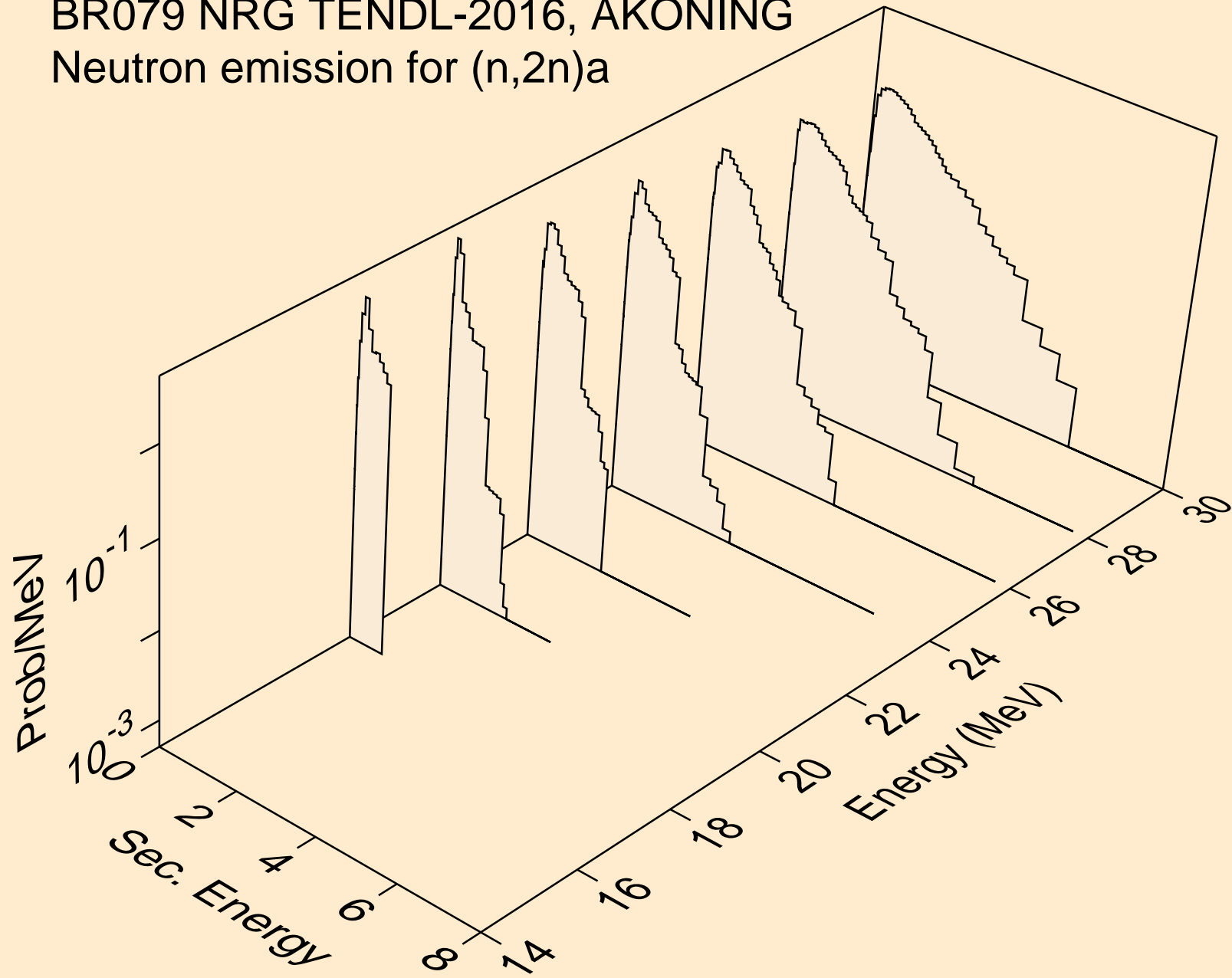
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)a

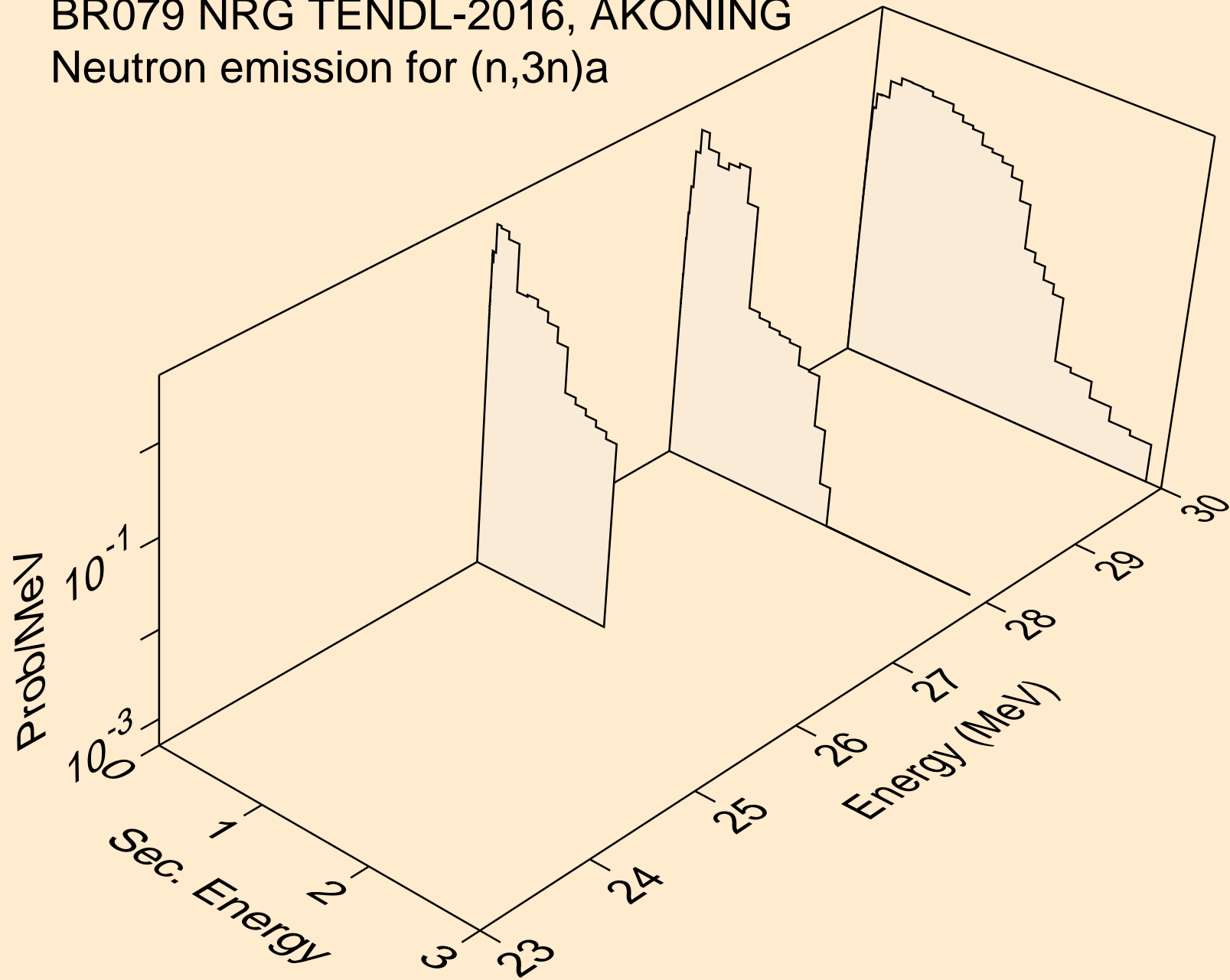


BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

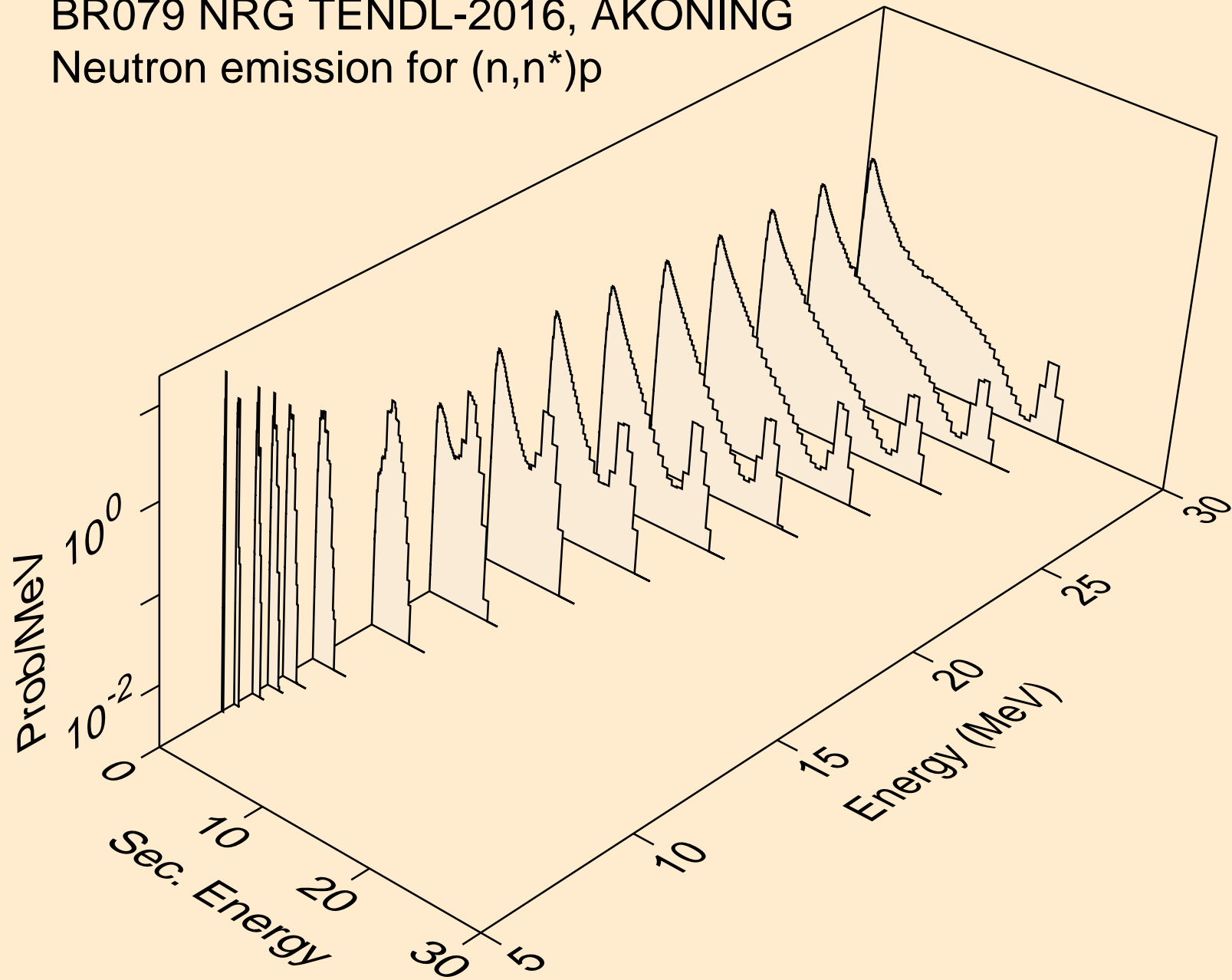




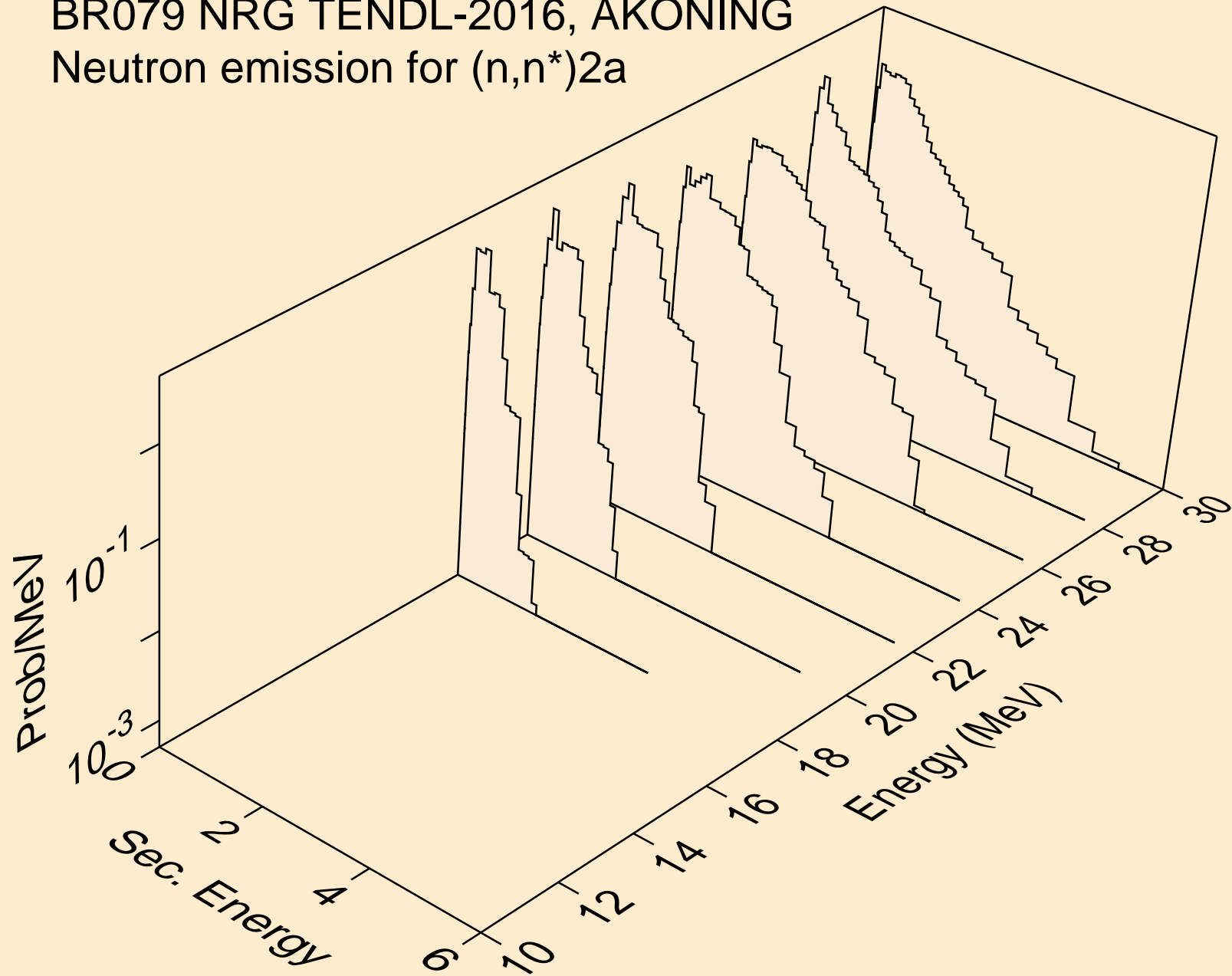
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)a



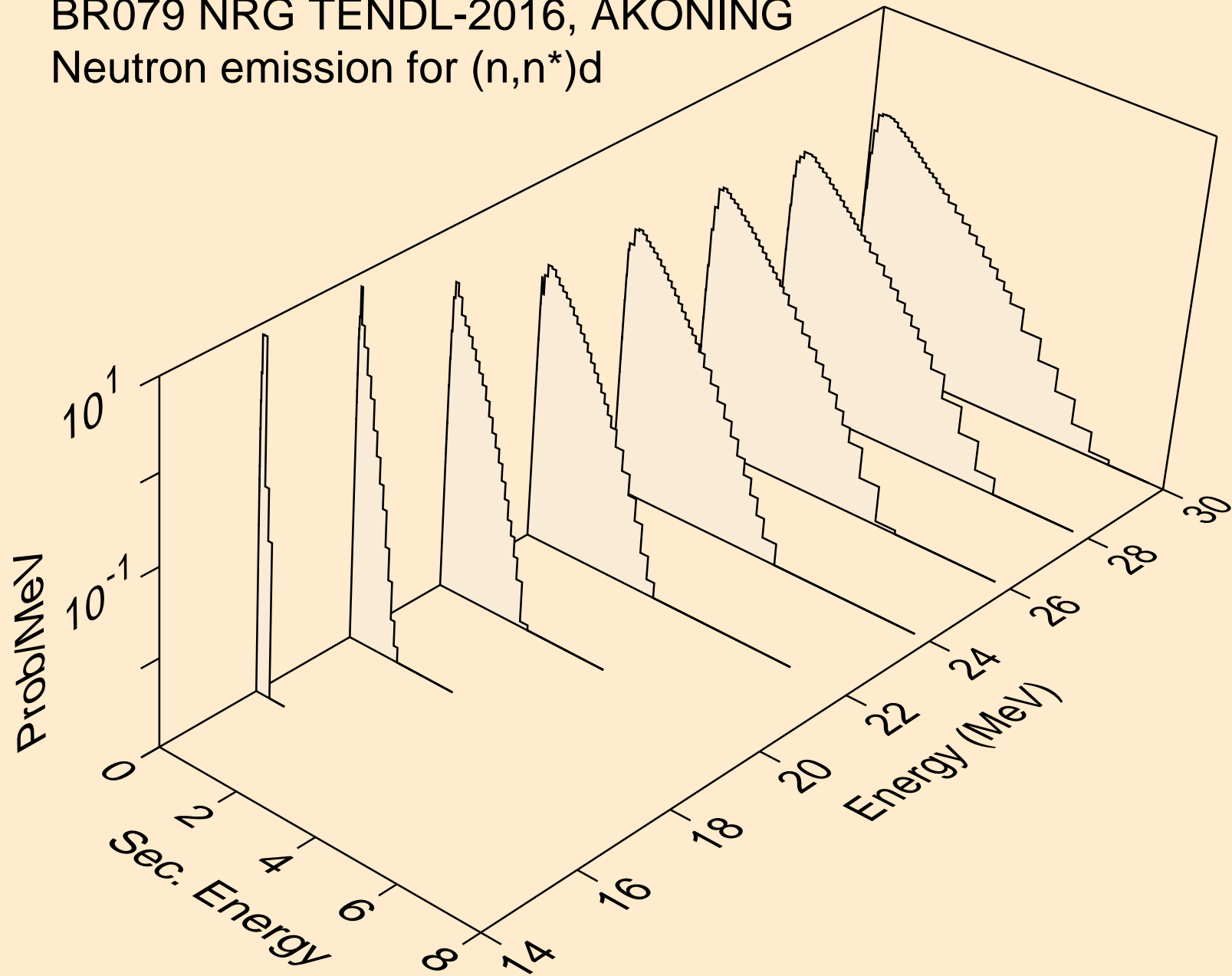
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)p



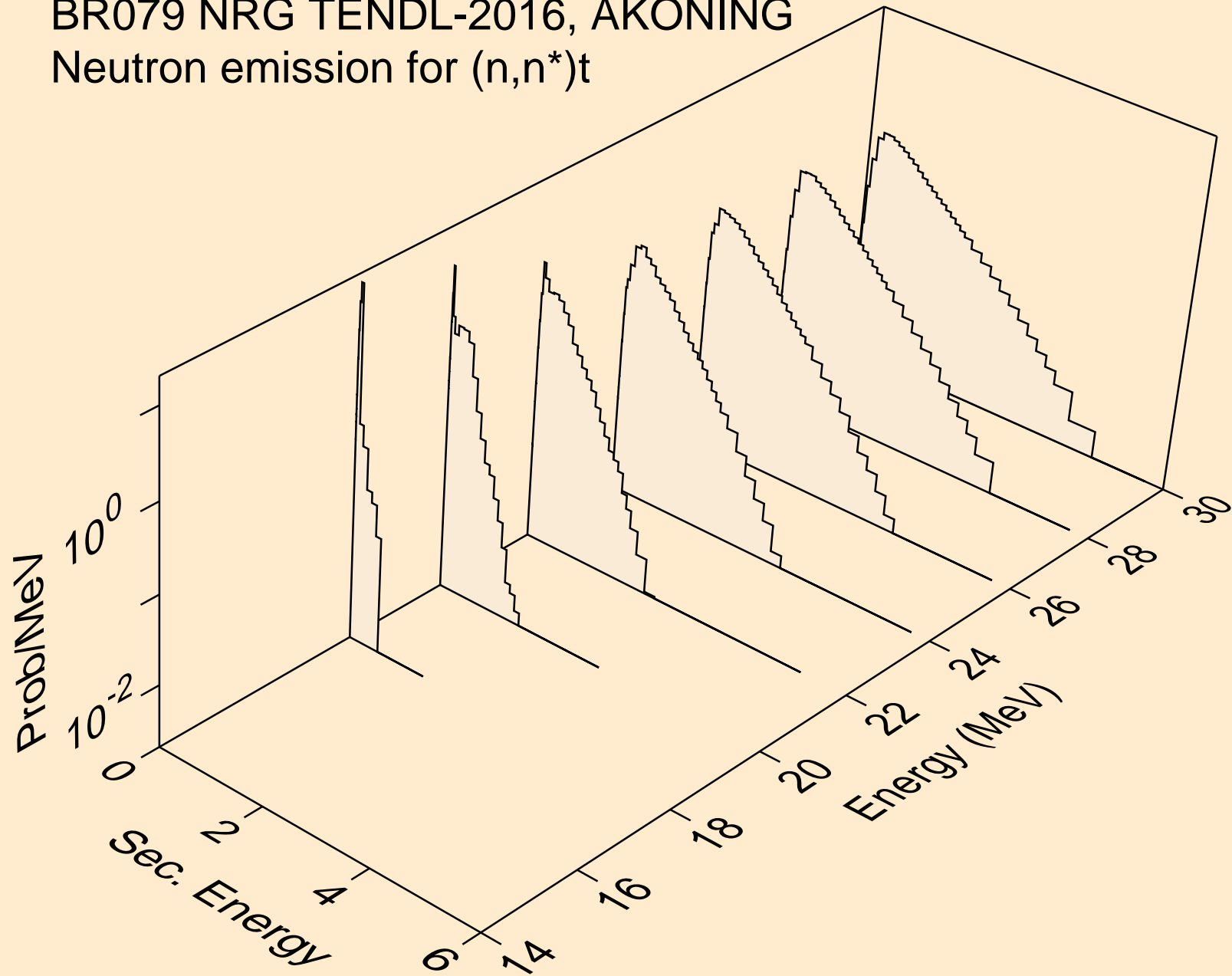
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)2a



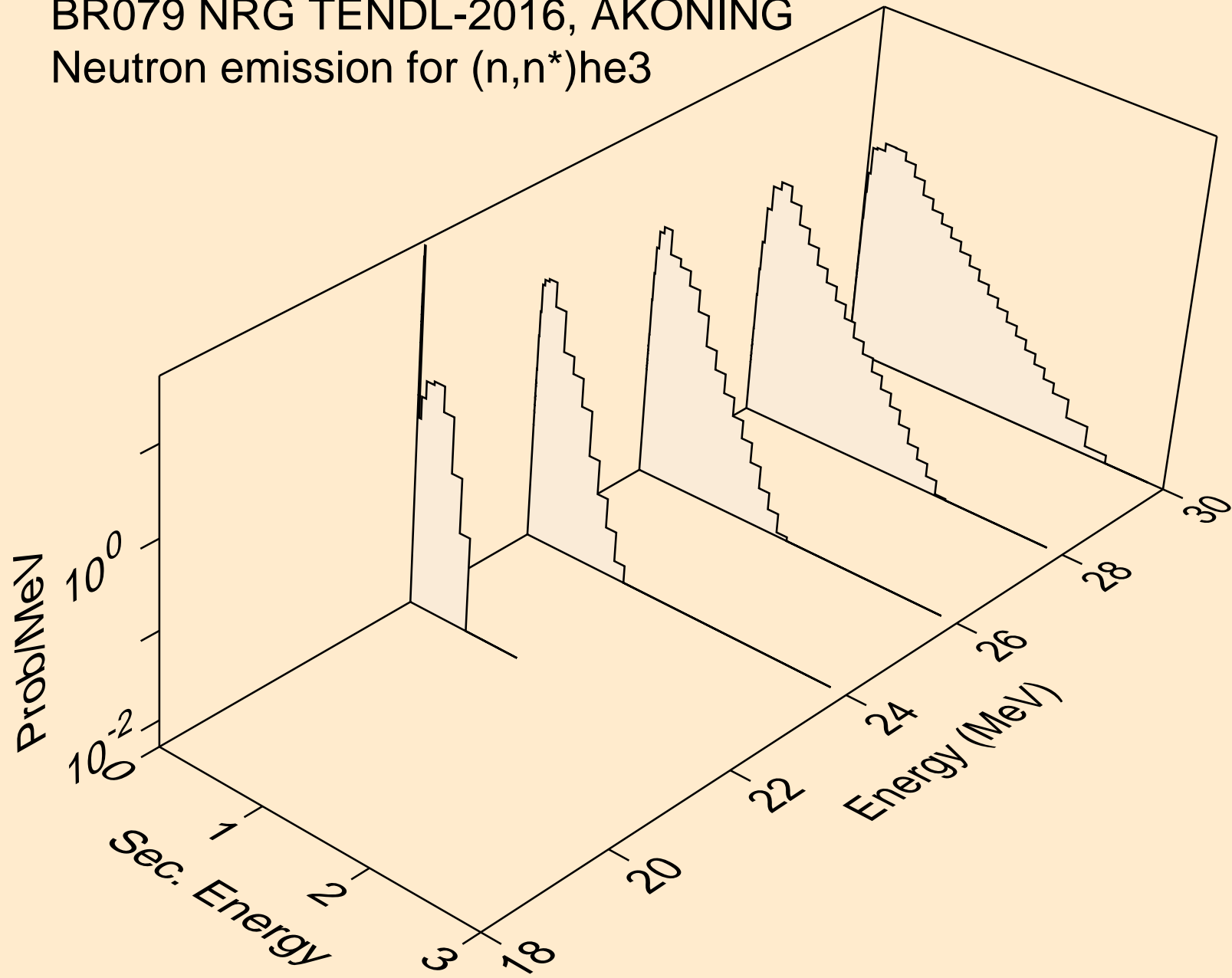
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d



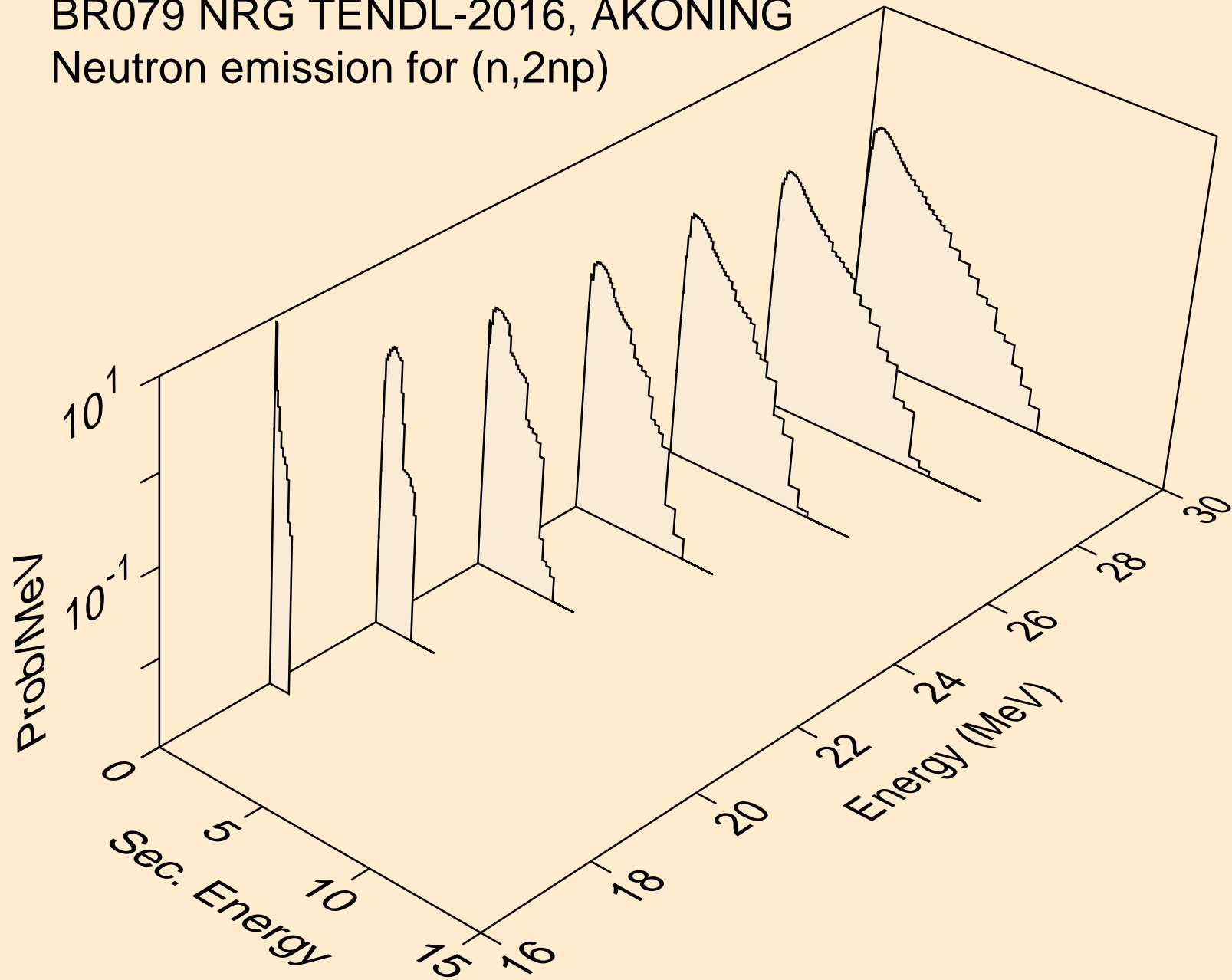
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t



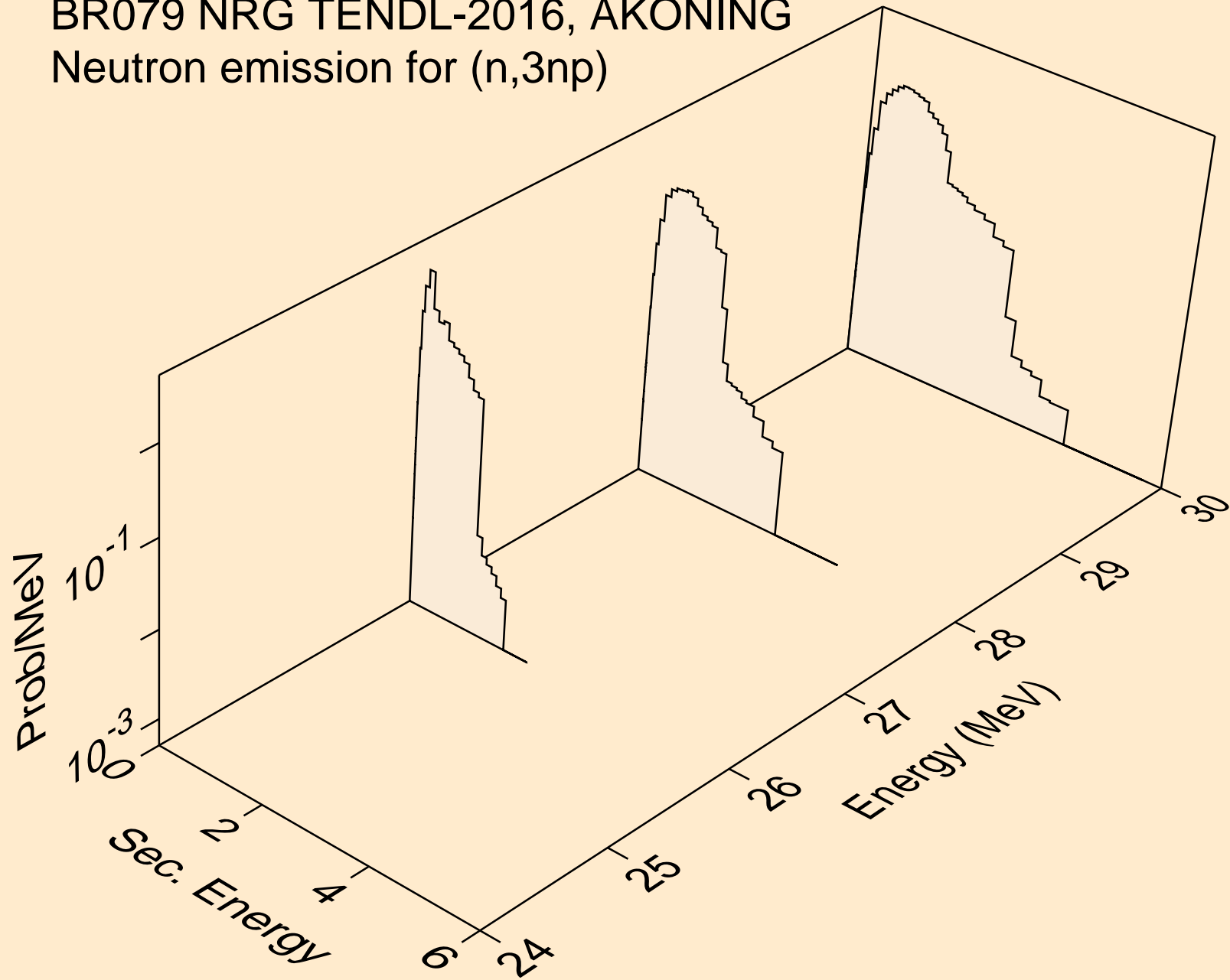
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3



BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)

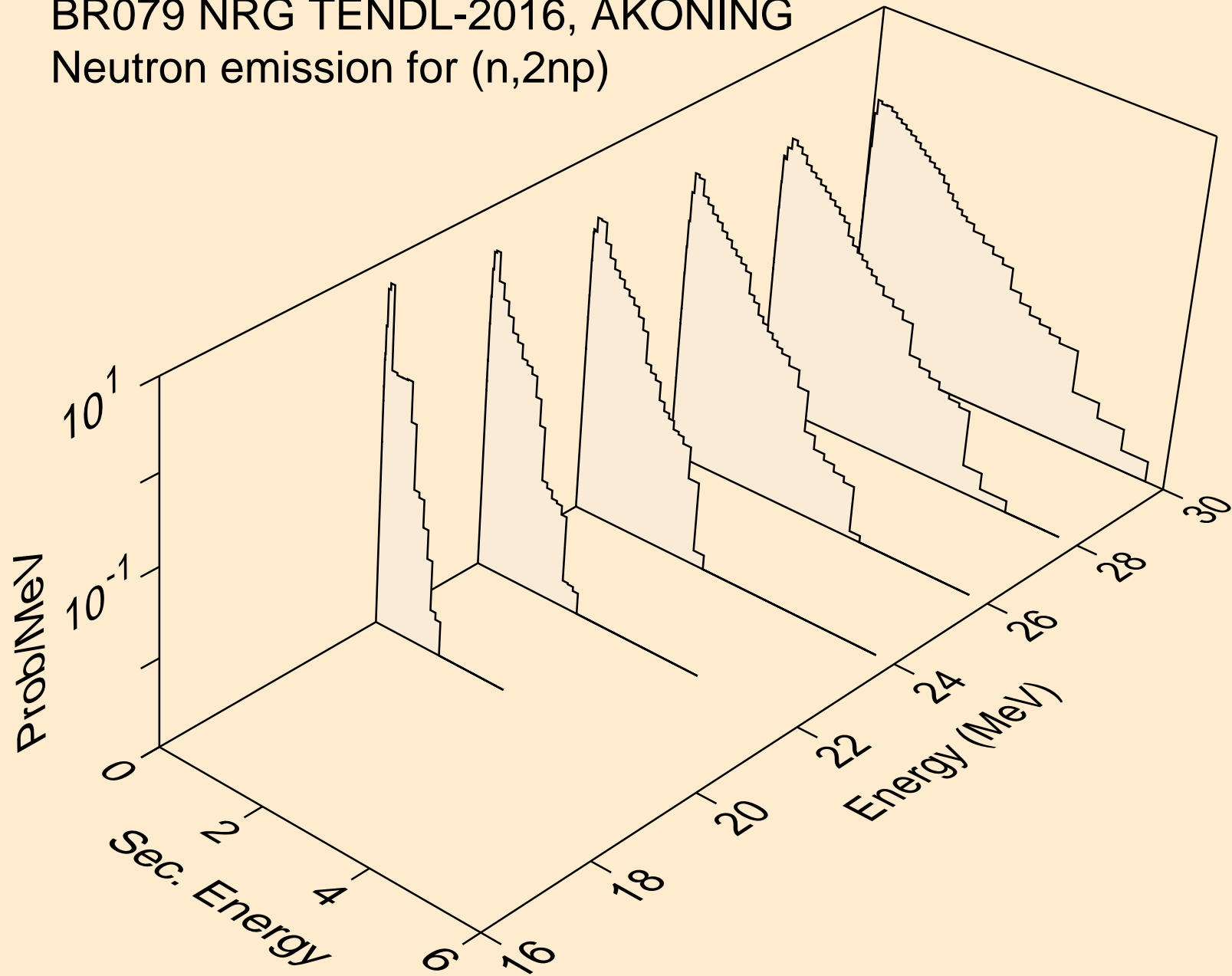


BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,3np)

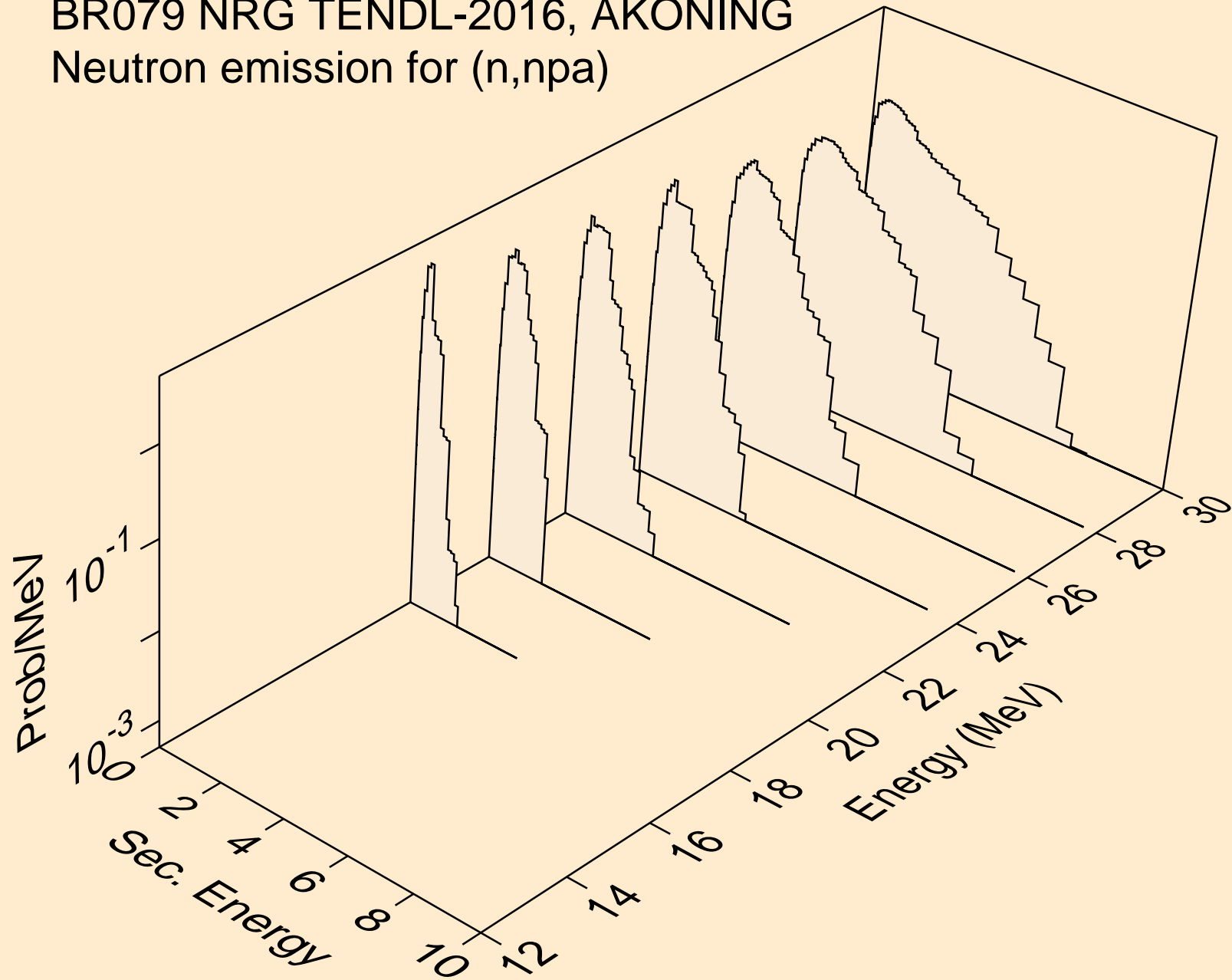




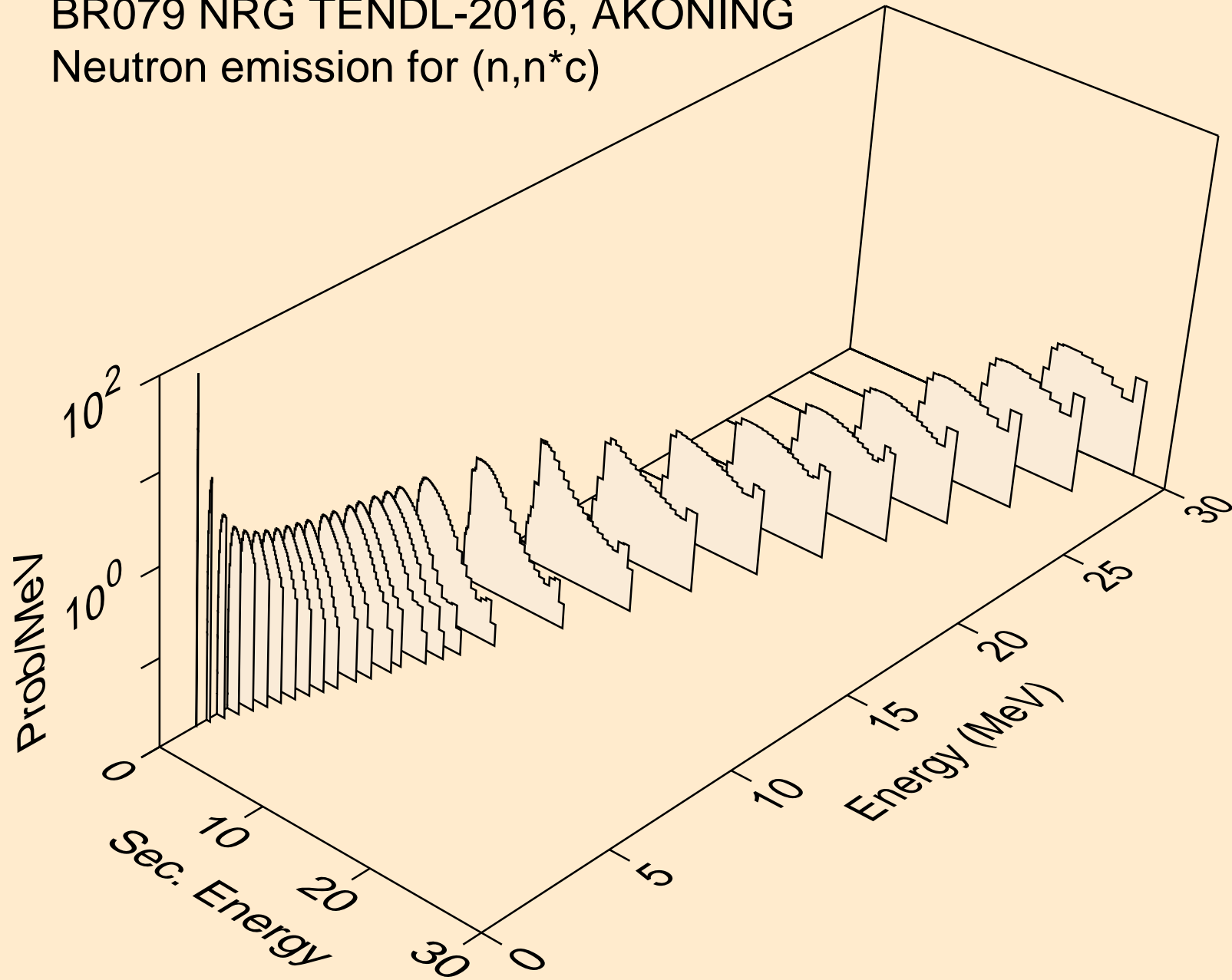
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



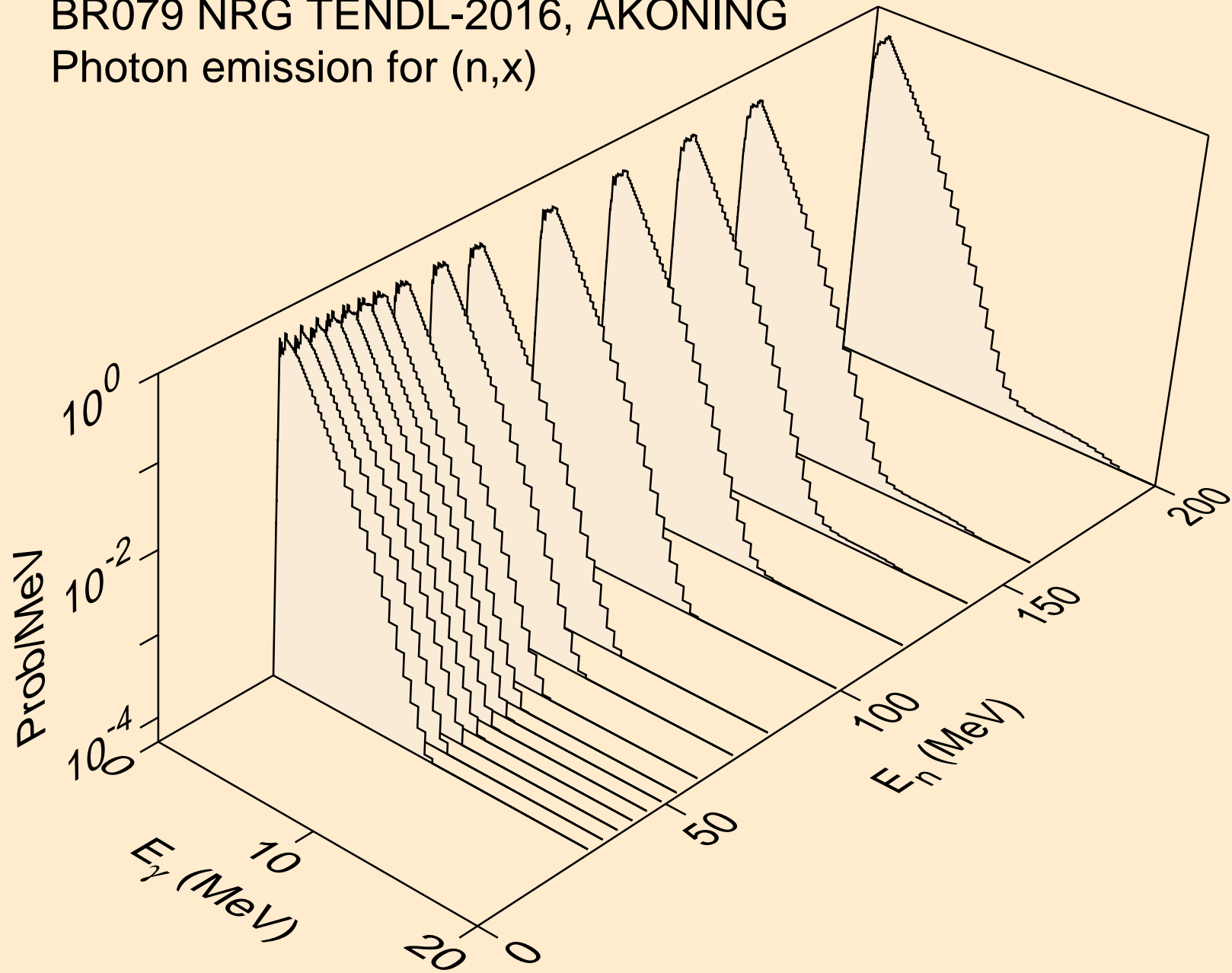
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)



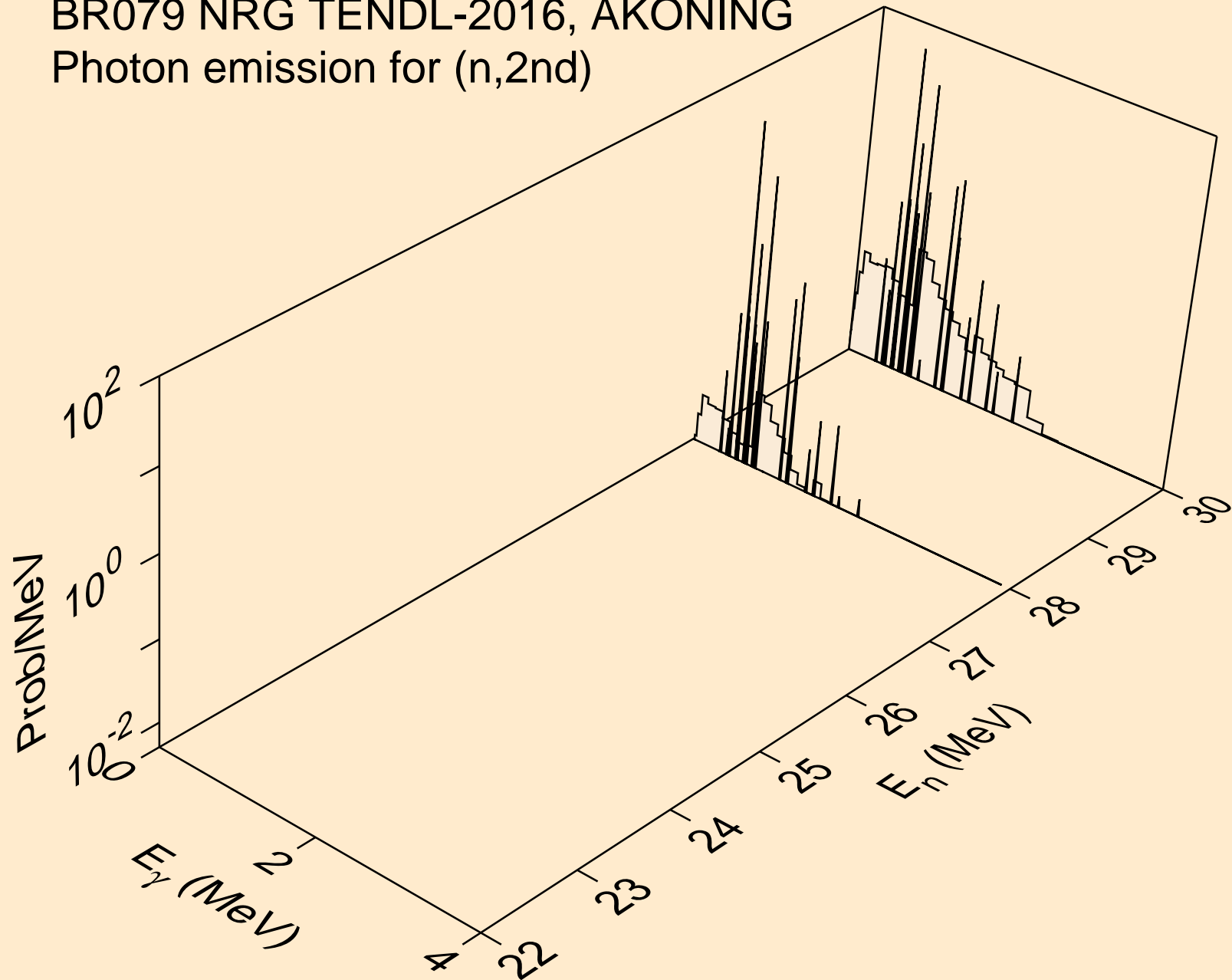
BR079 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)



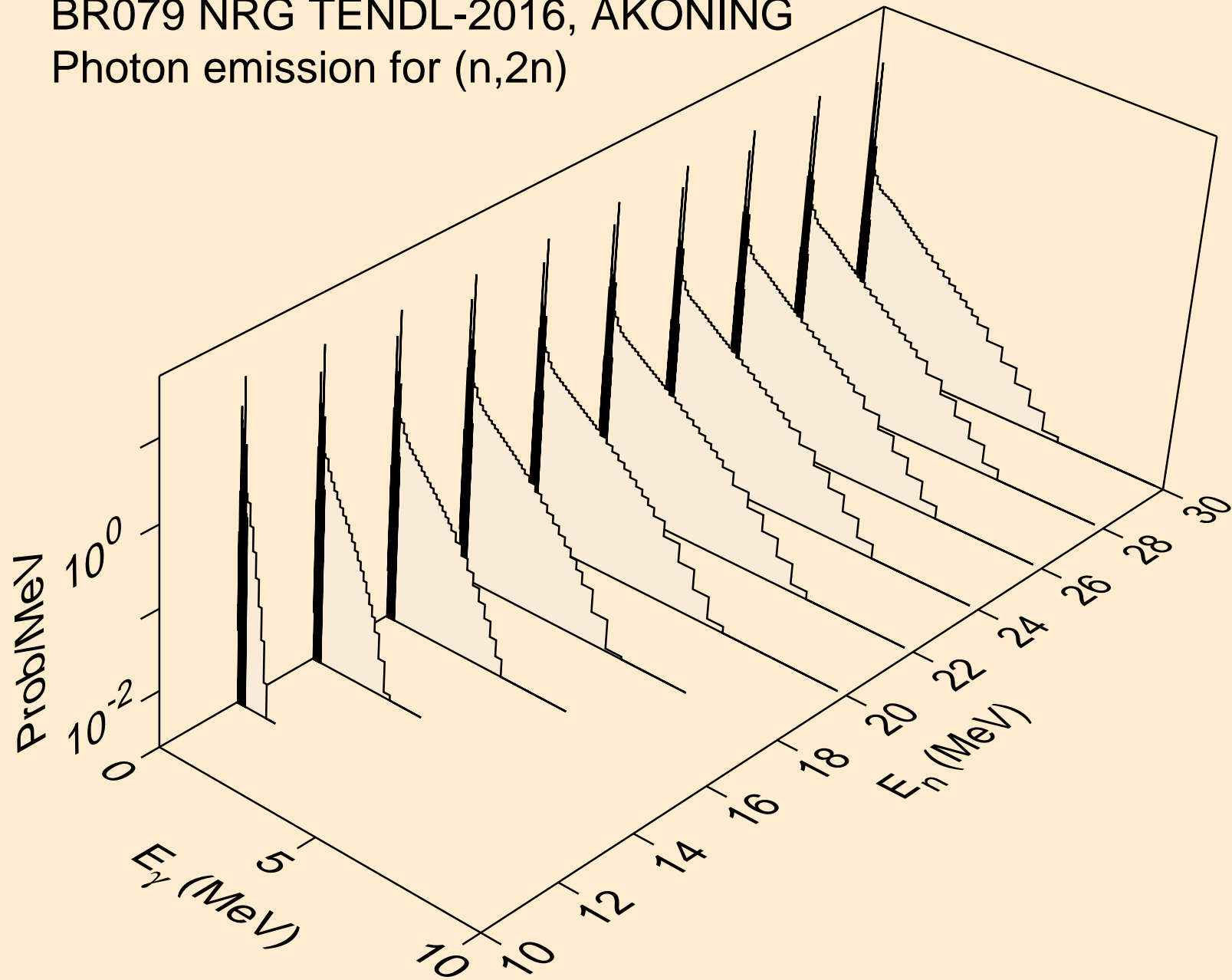
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,x)



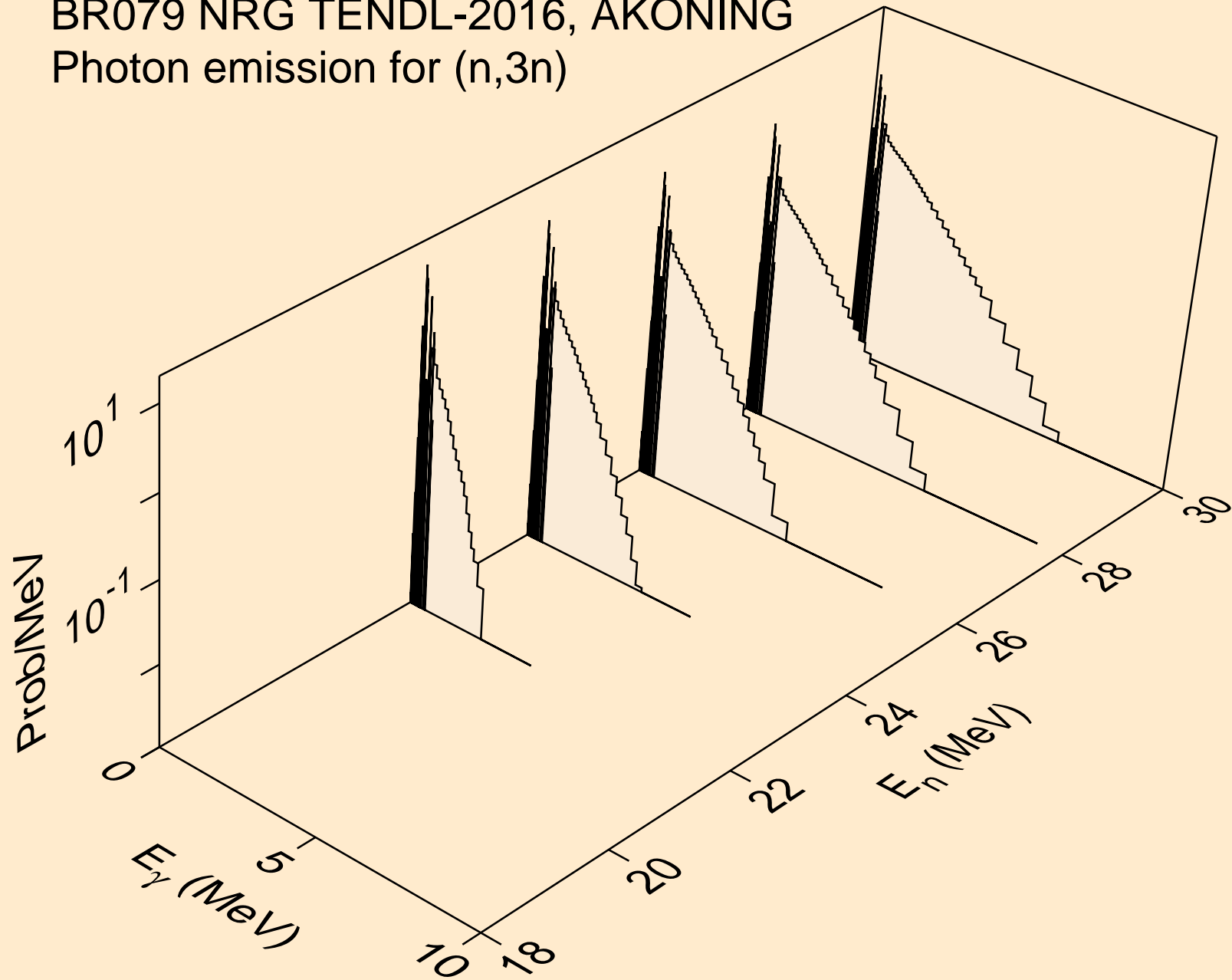
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,2nd)



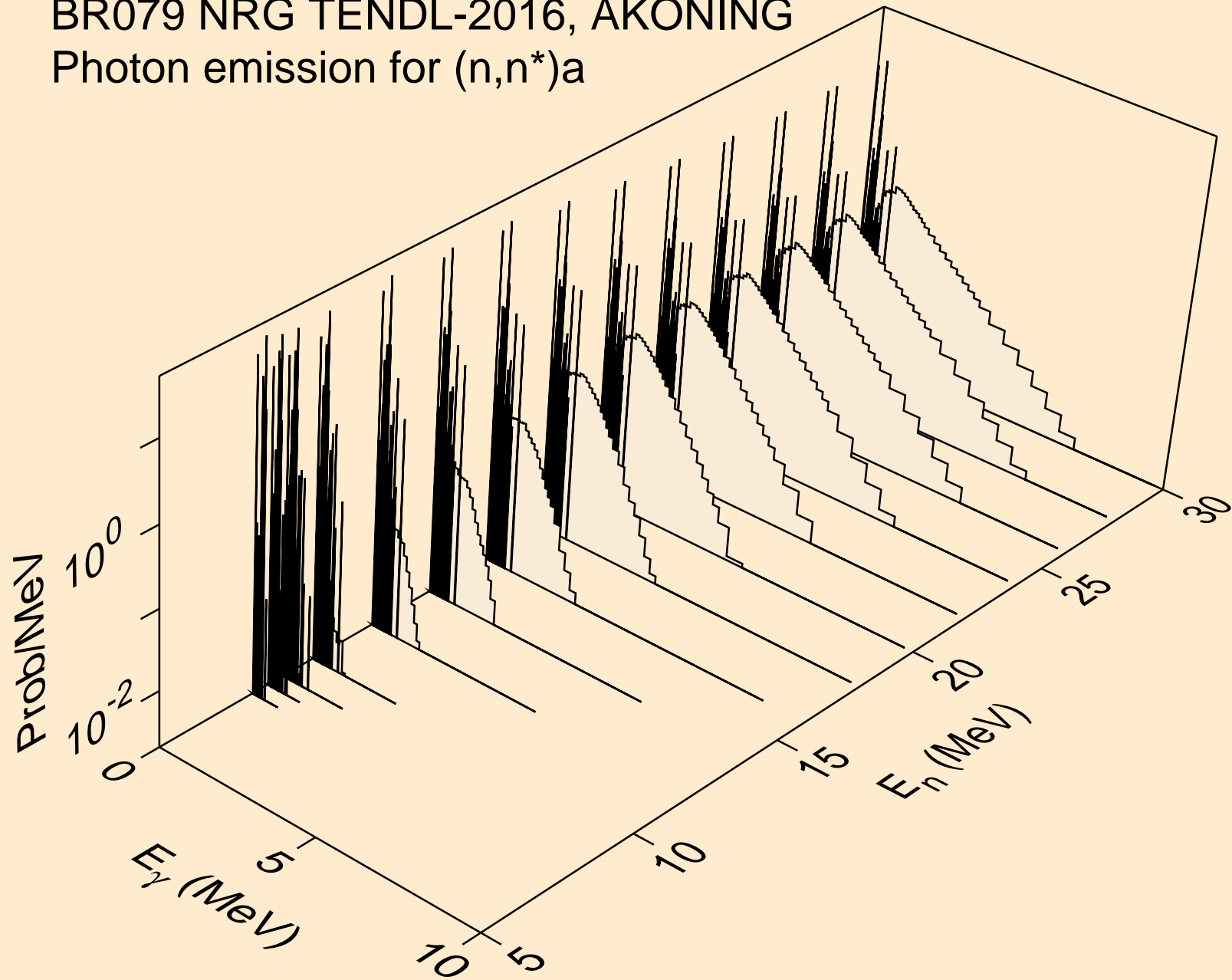
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)



BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)

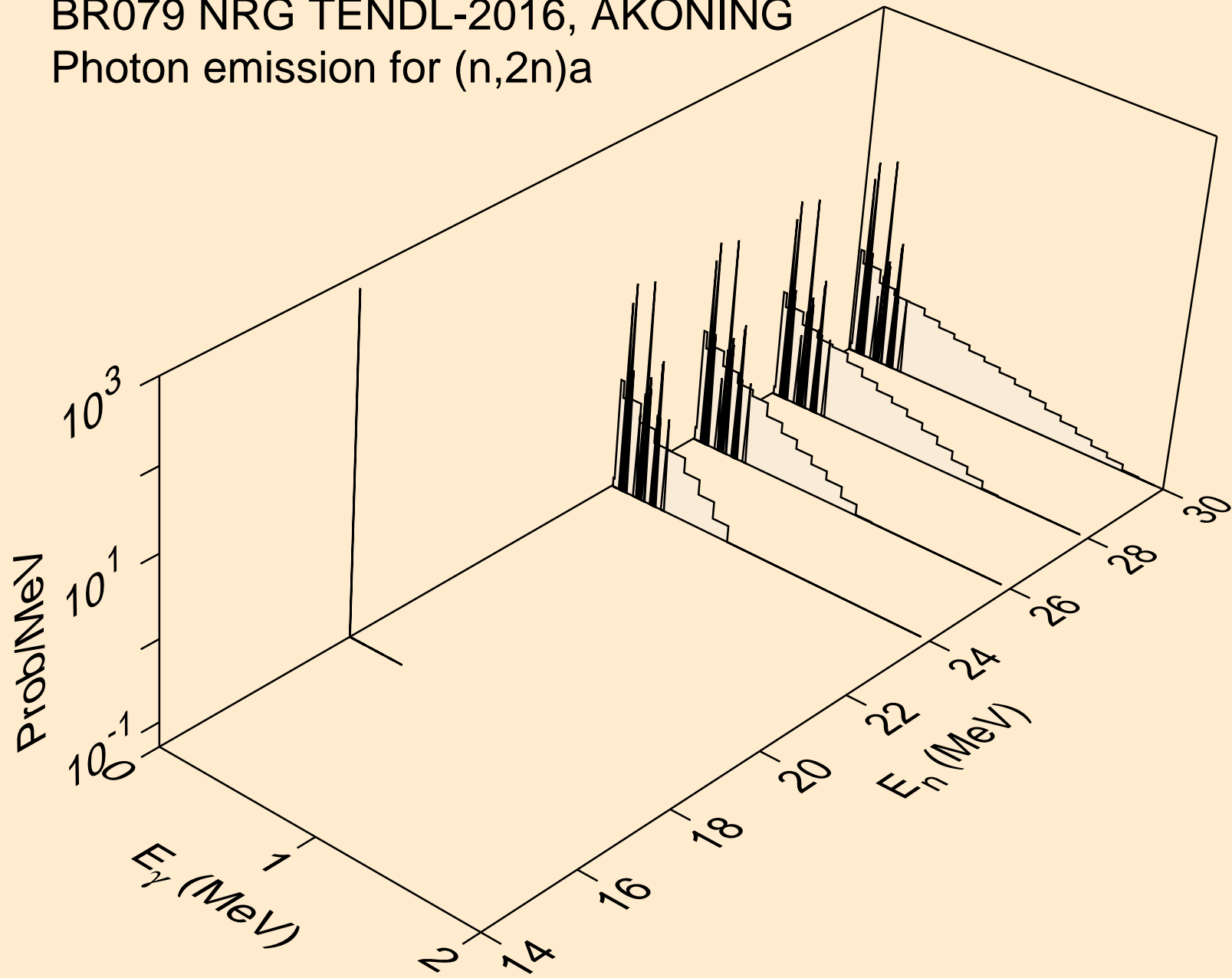


BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a

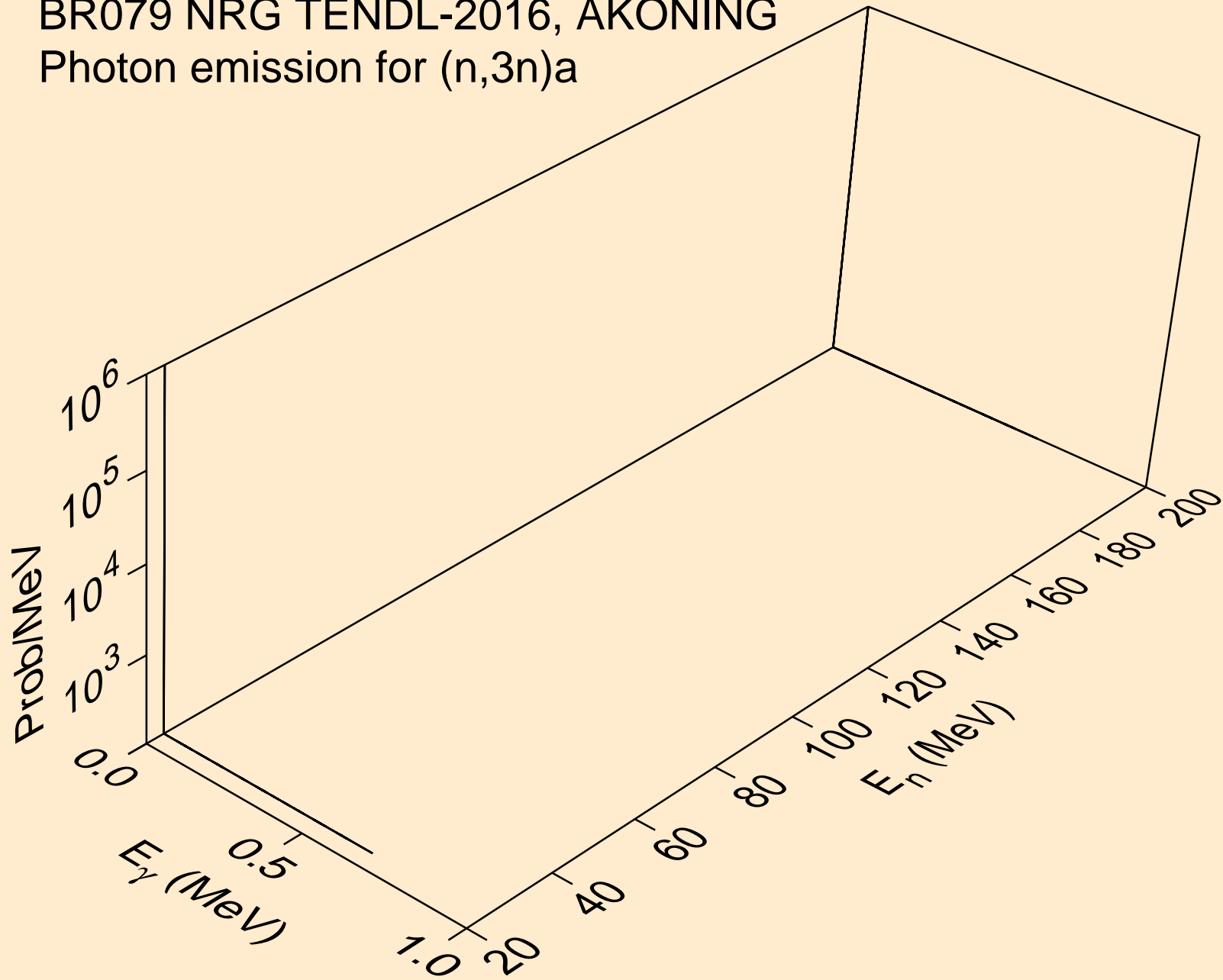




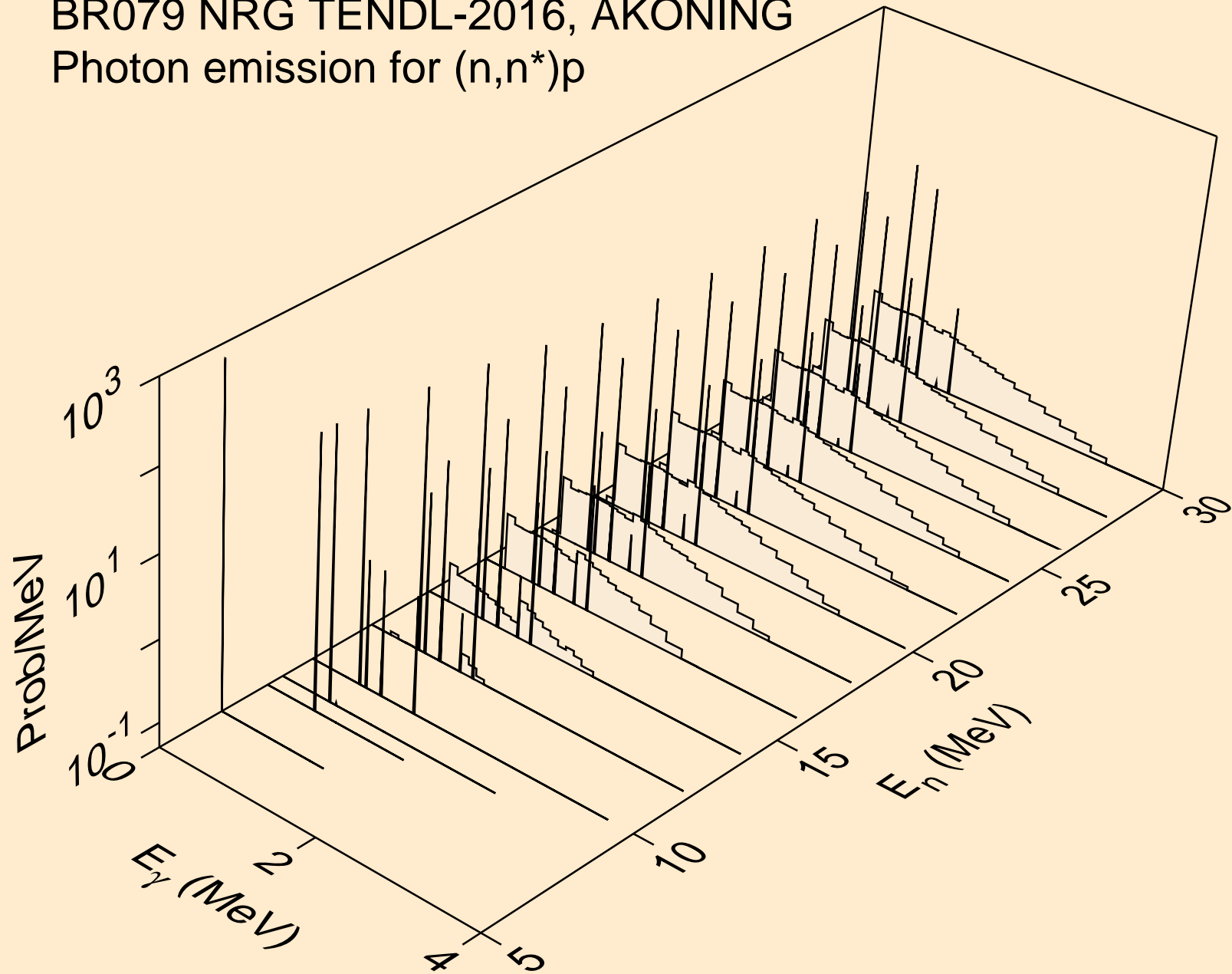
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a



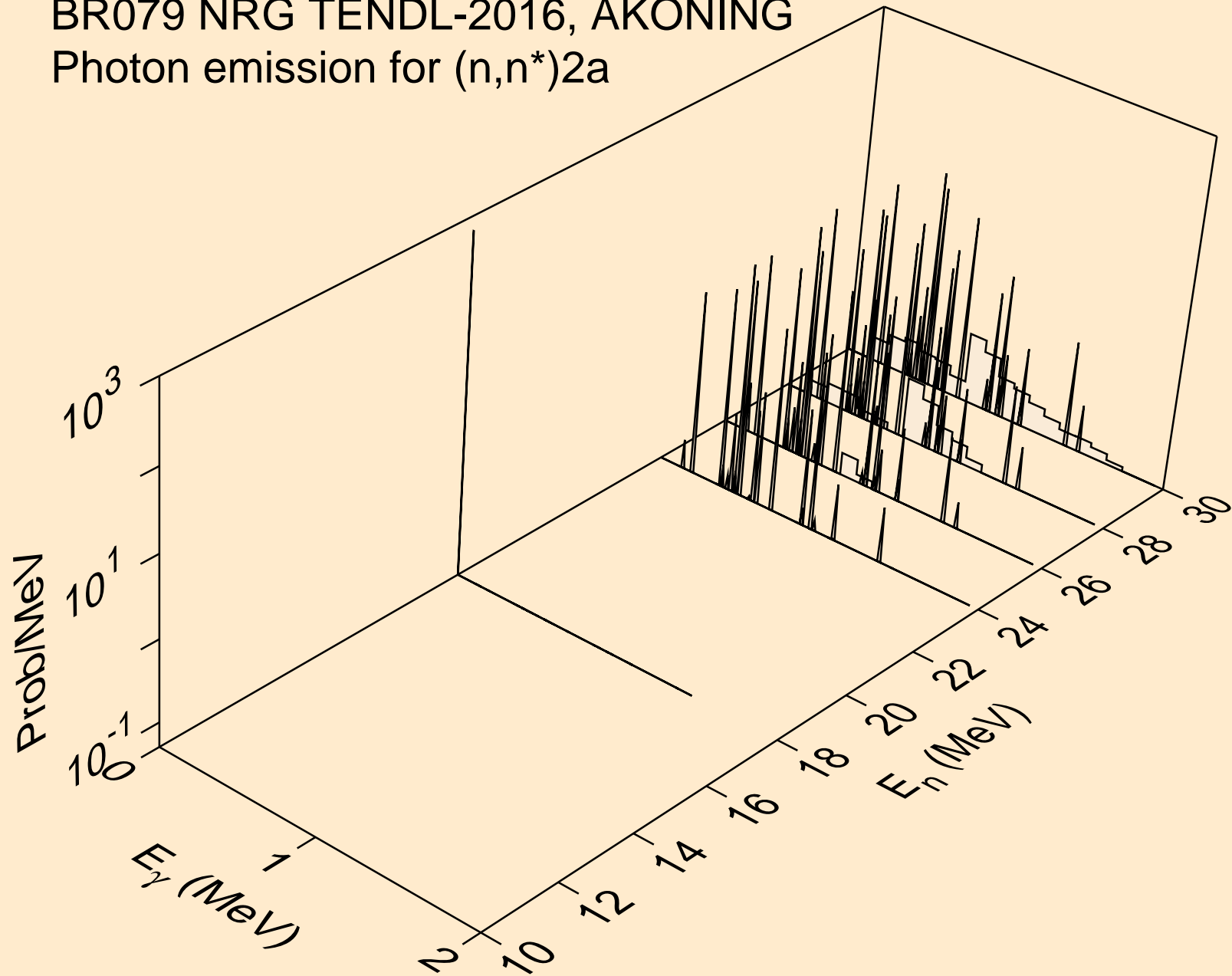
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a



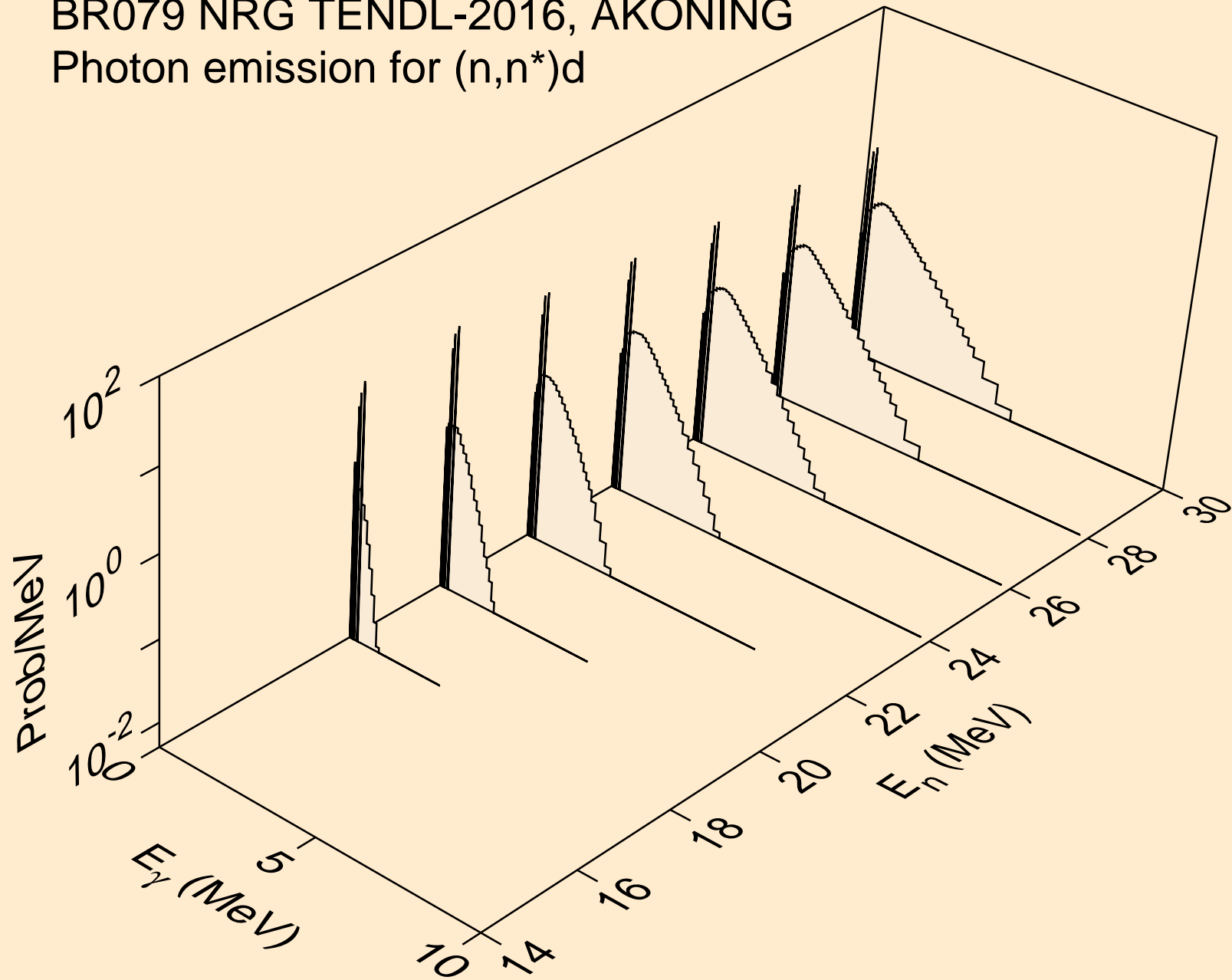
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



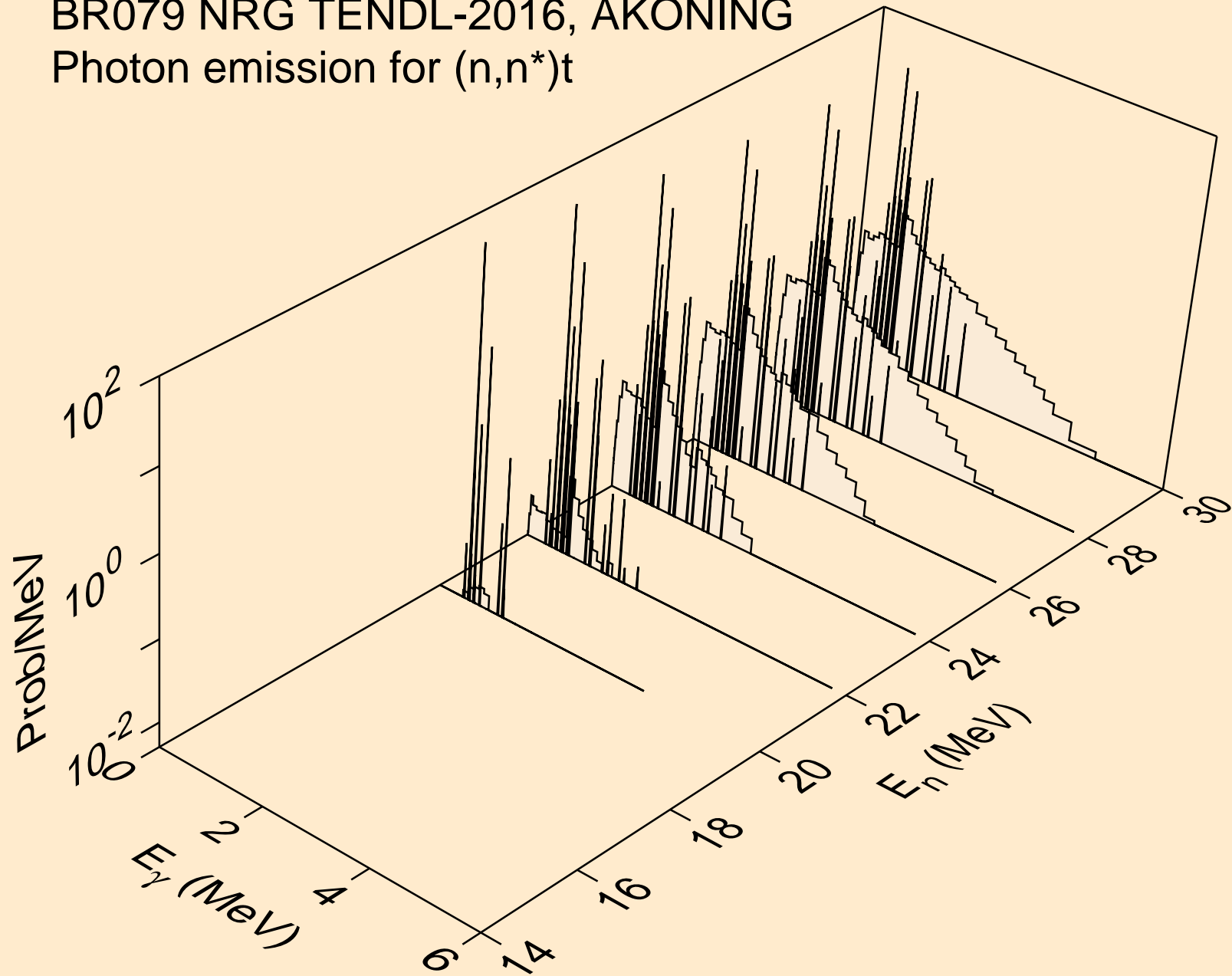
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)2a



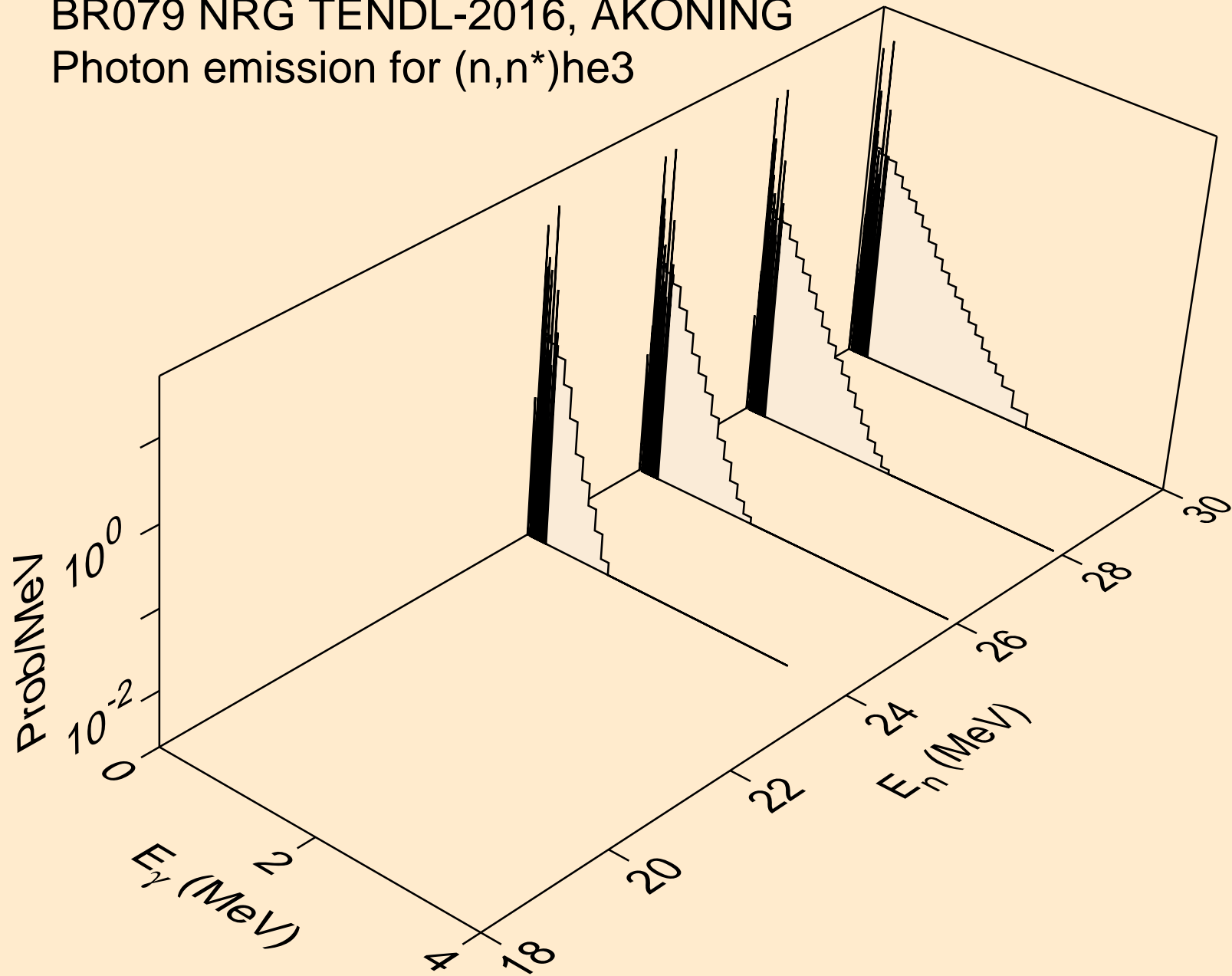
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



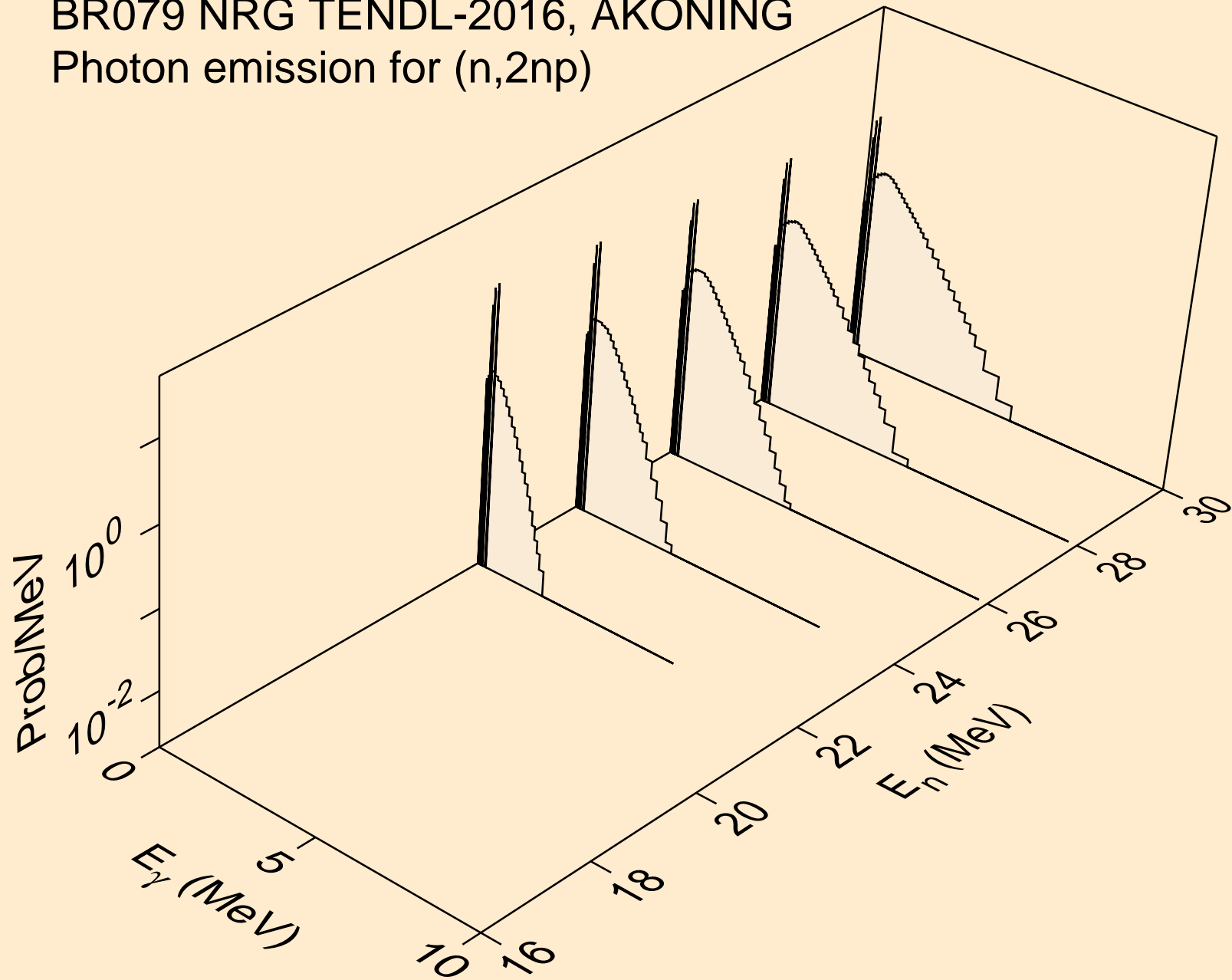
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t



BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3

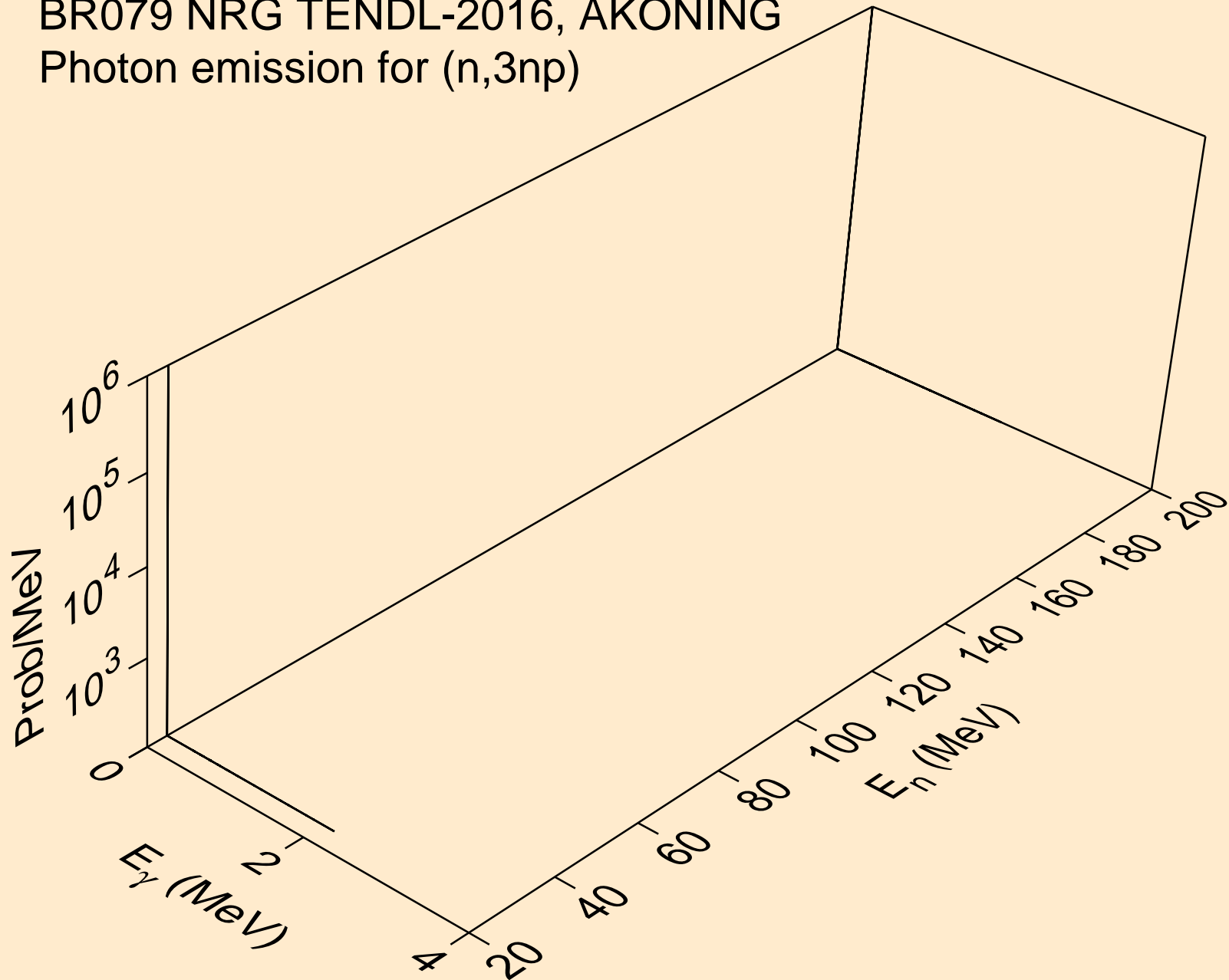


BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)

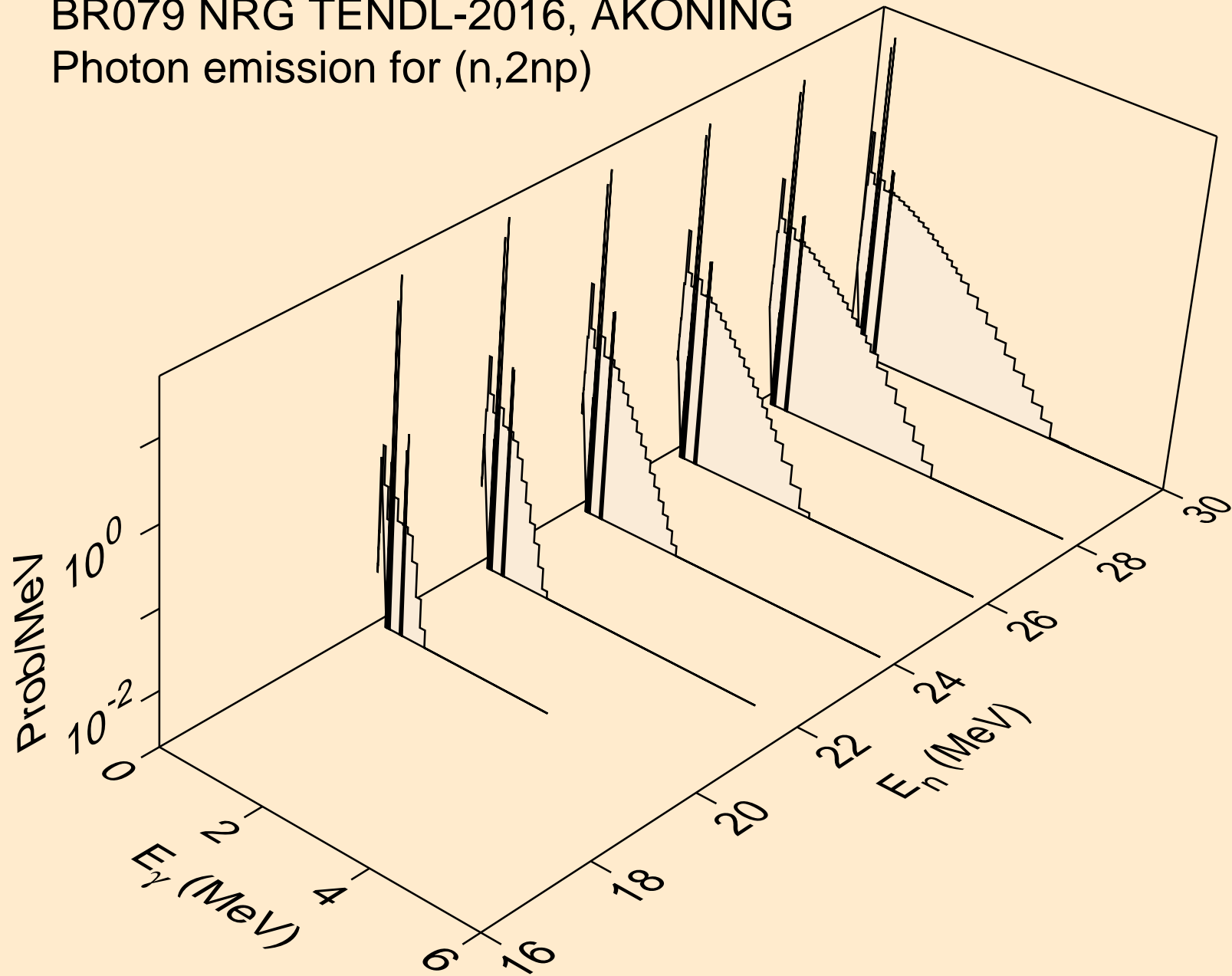




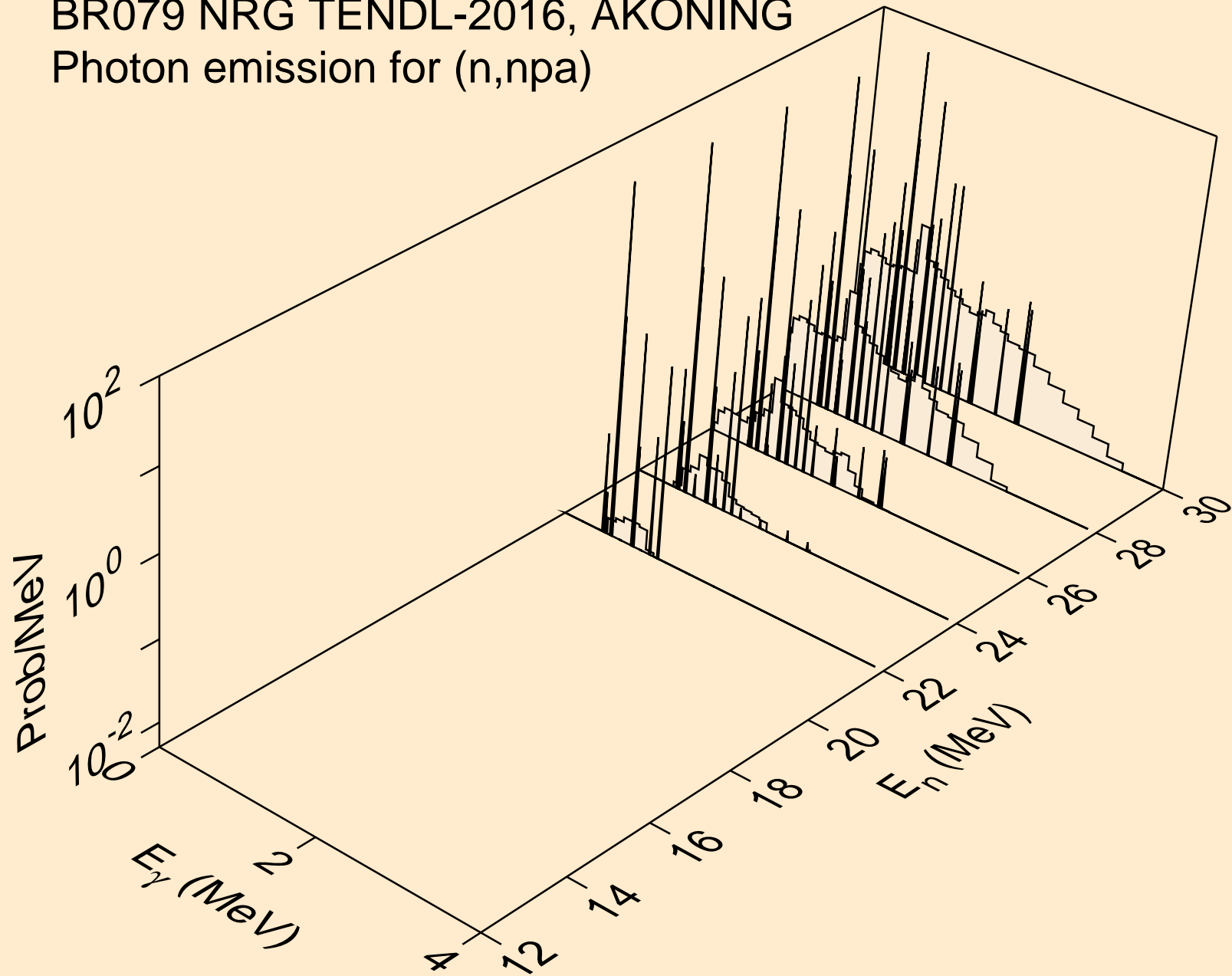
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Photon emission for (n,3np)



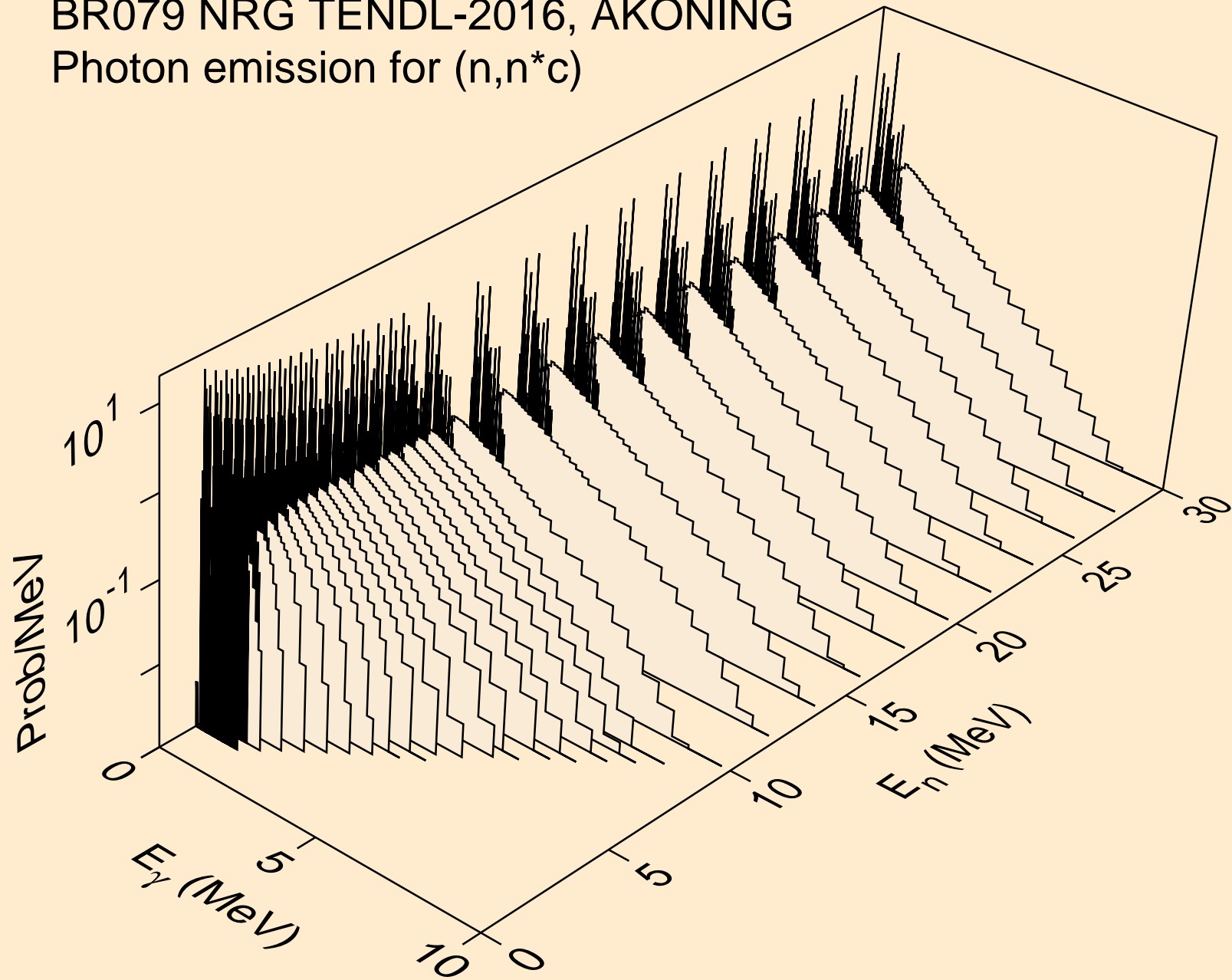
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Photon emission for (n,2np)



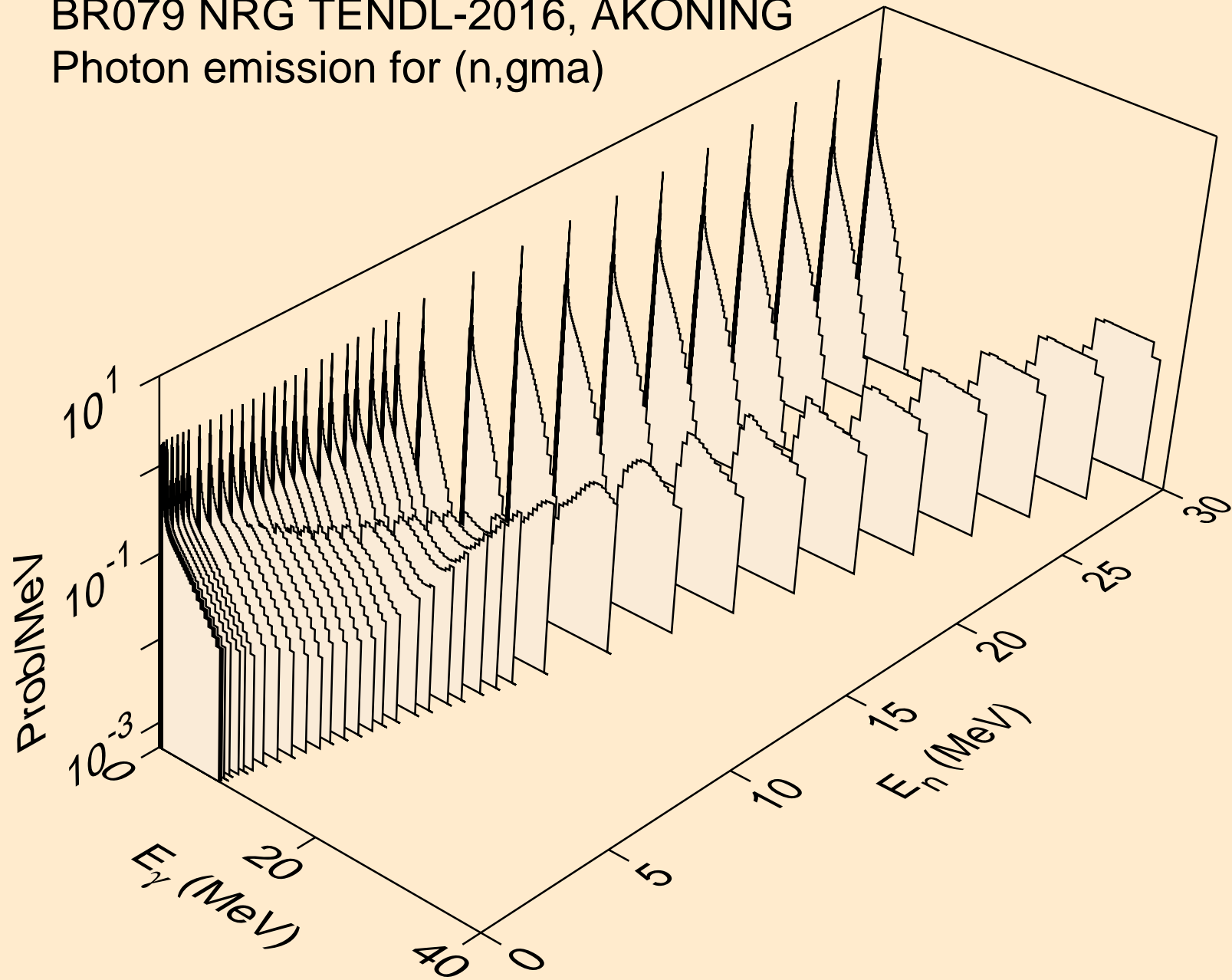
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,npa)



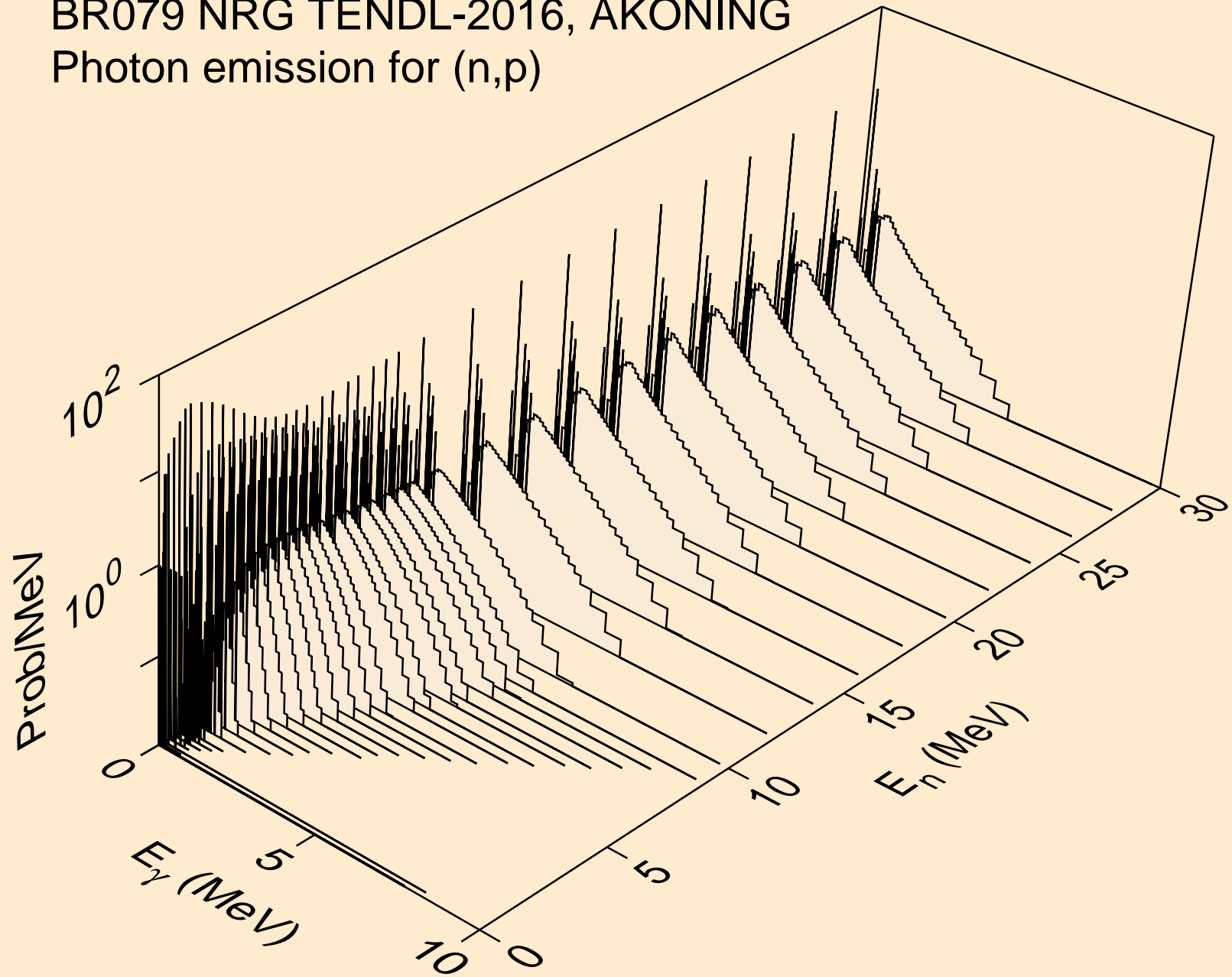
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*c)



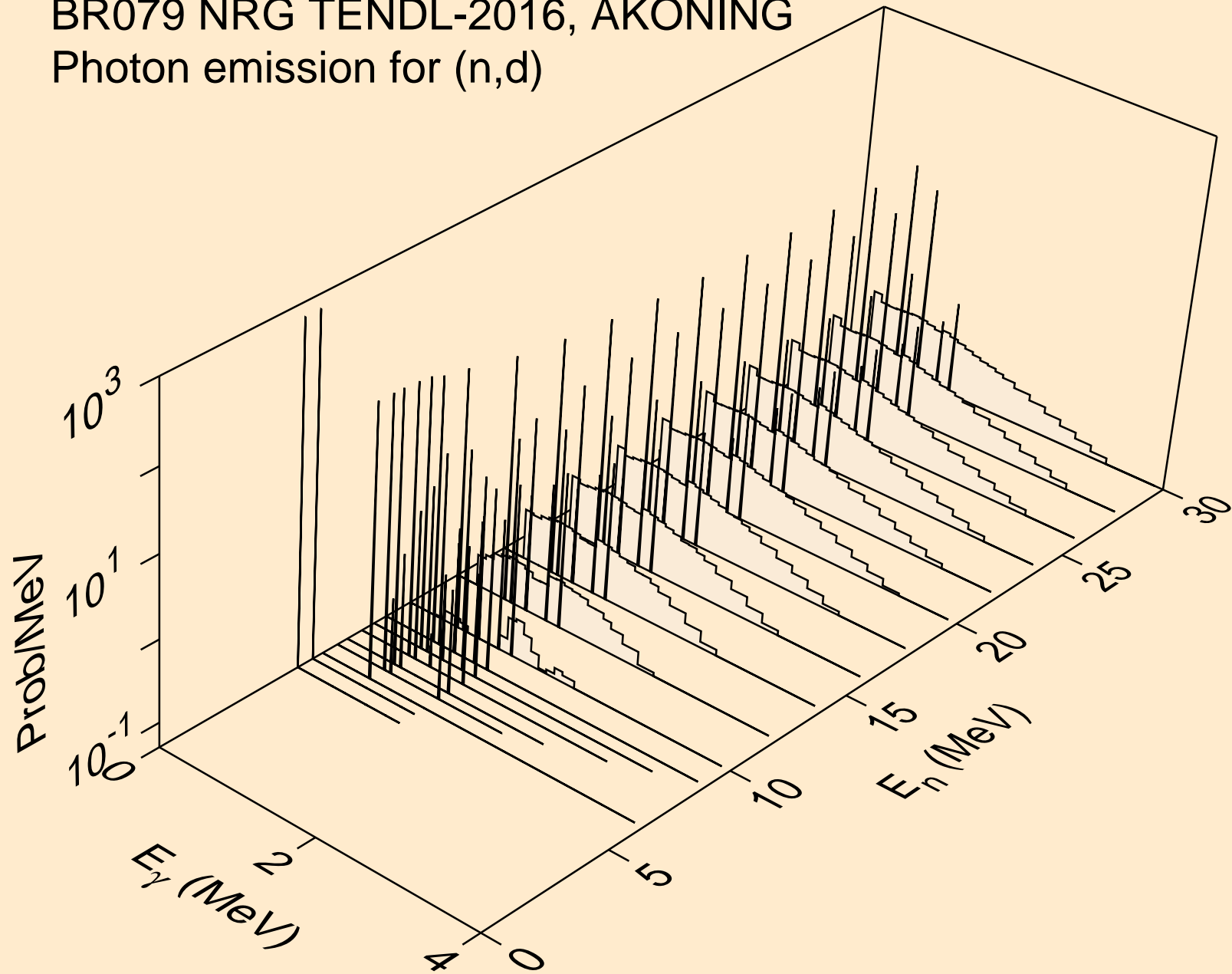
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Photon emission for (n,gma)



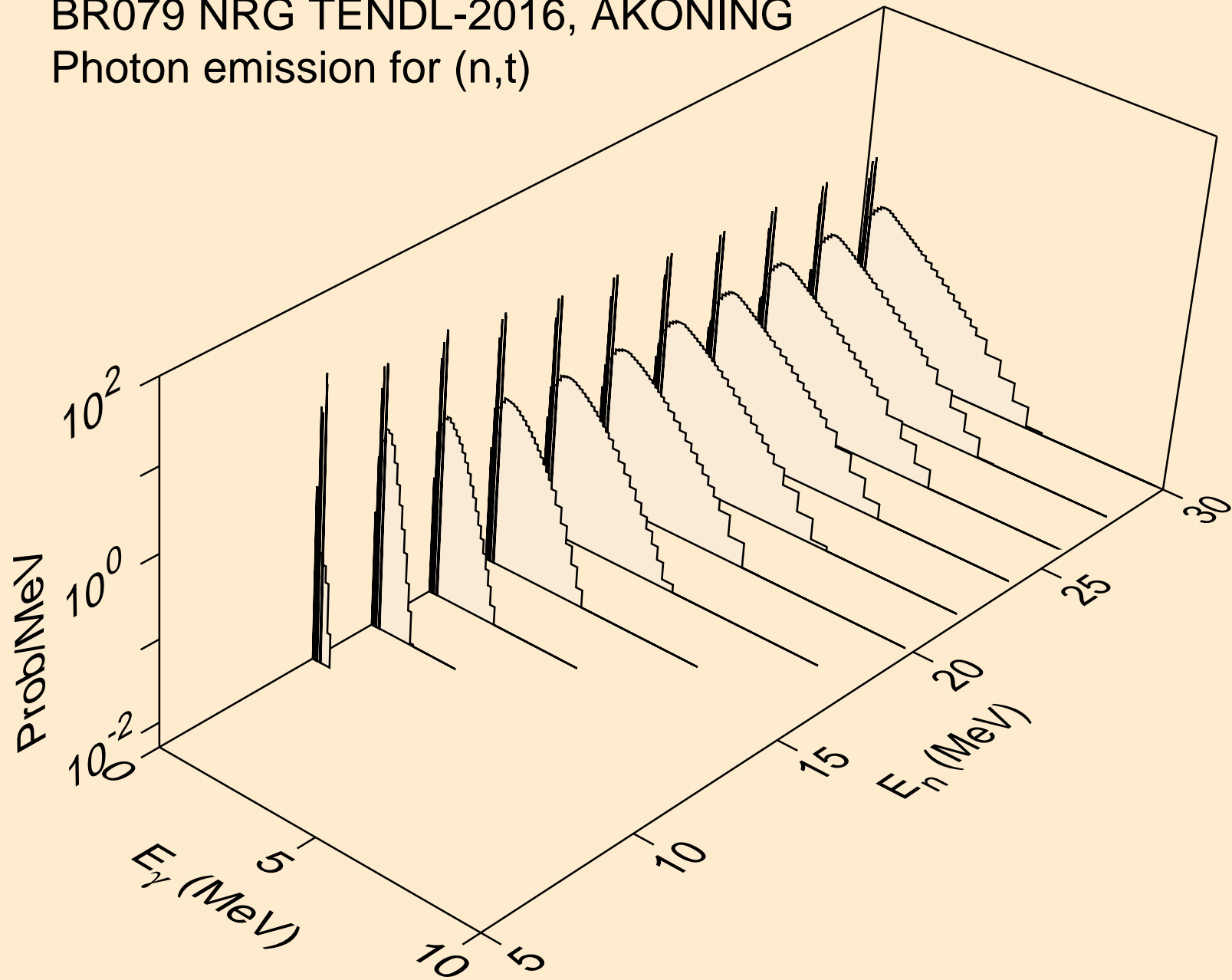
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,p)



BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,d)

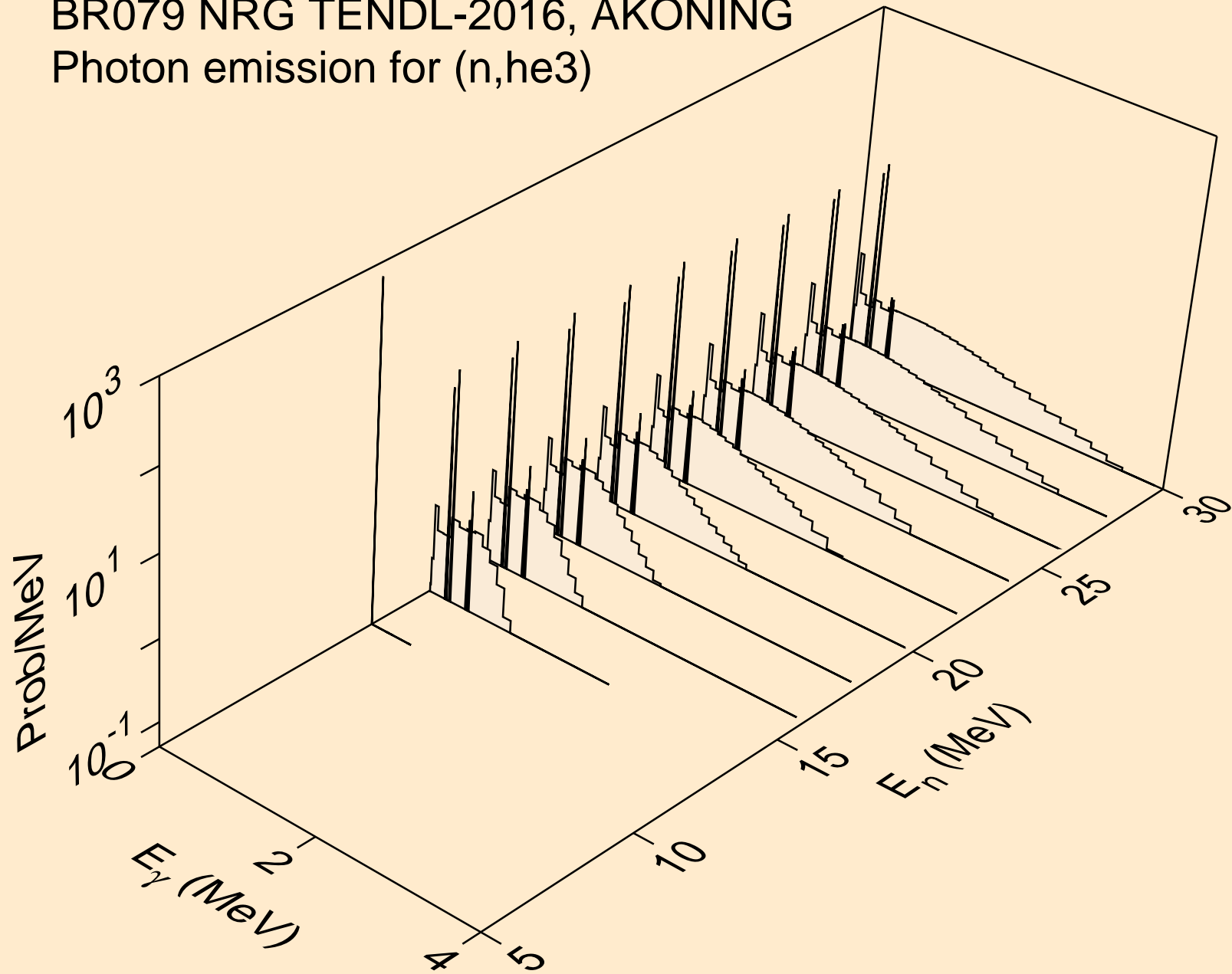


BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,t)

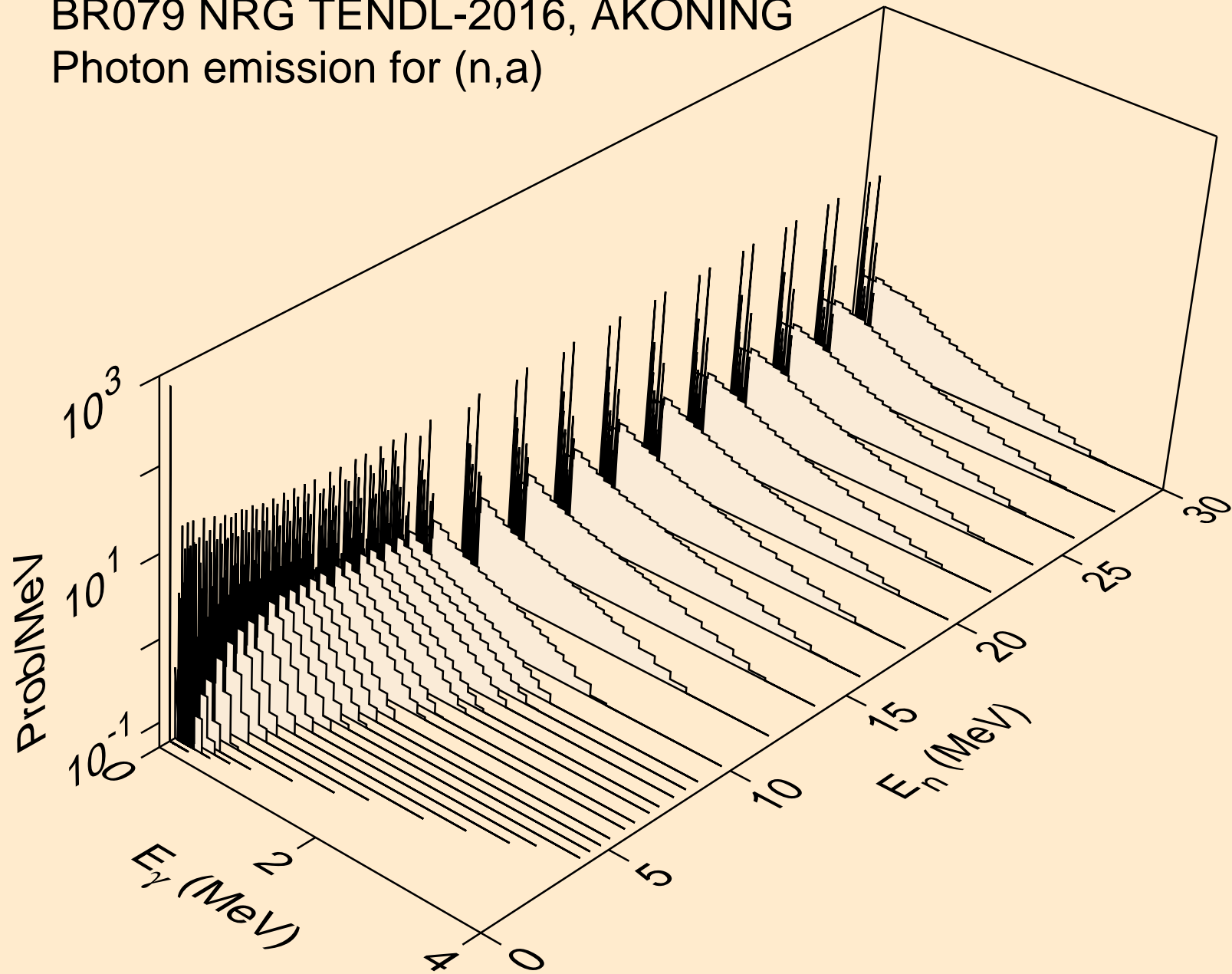




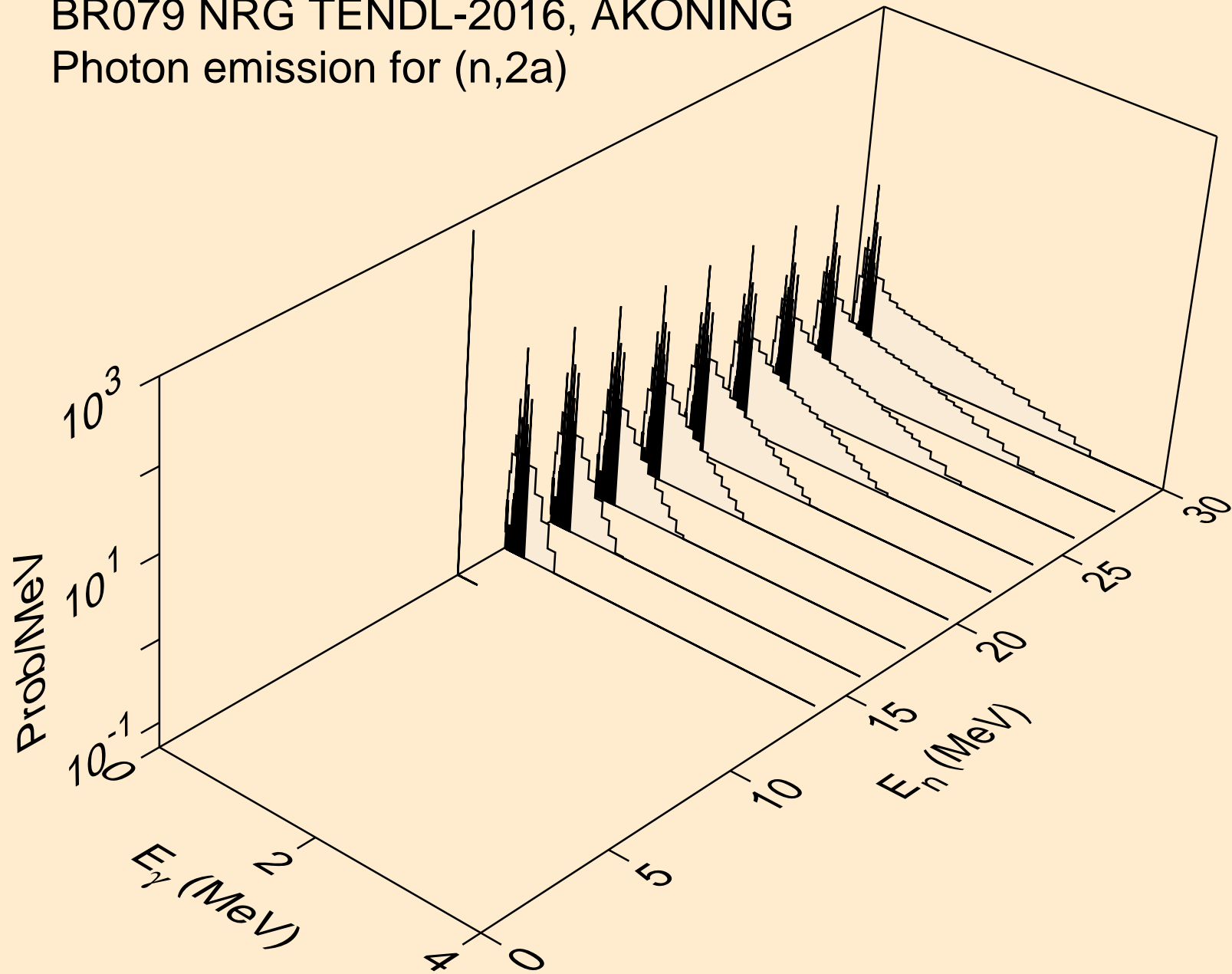
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,he3)



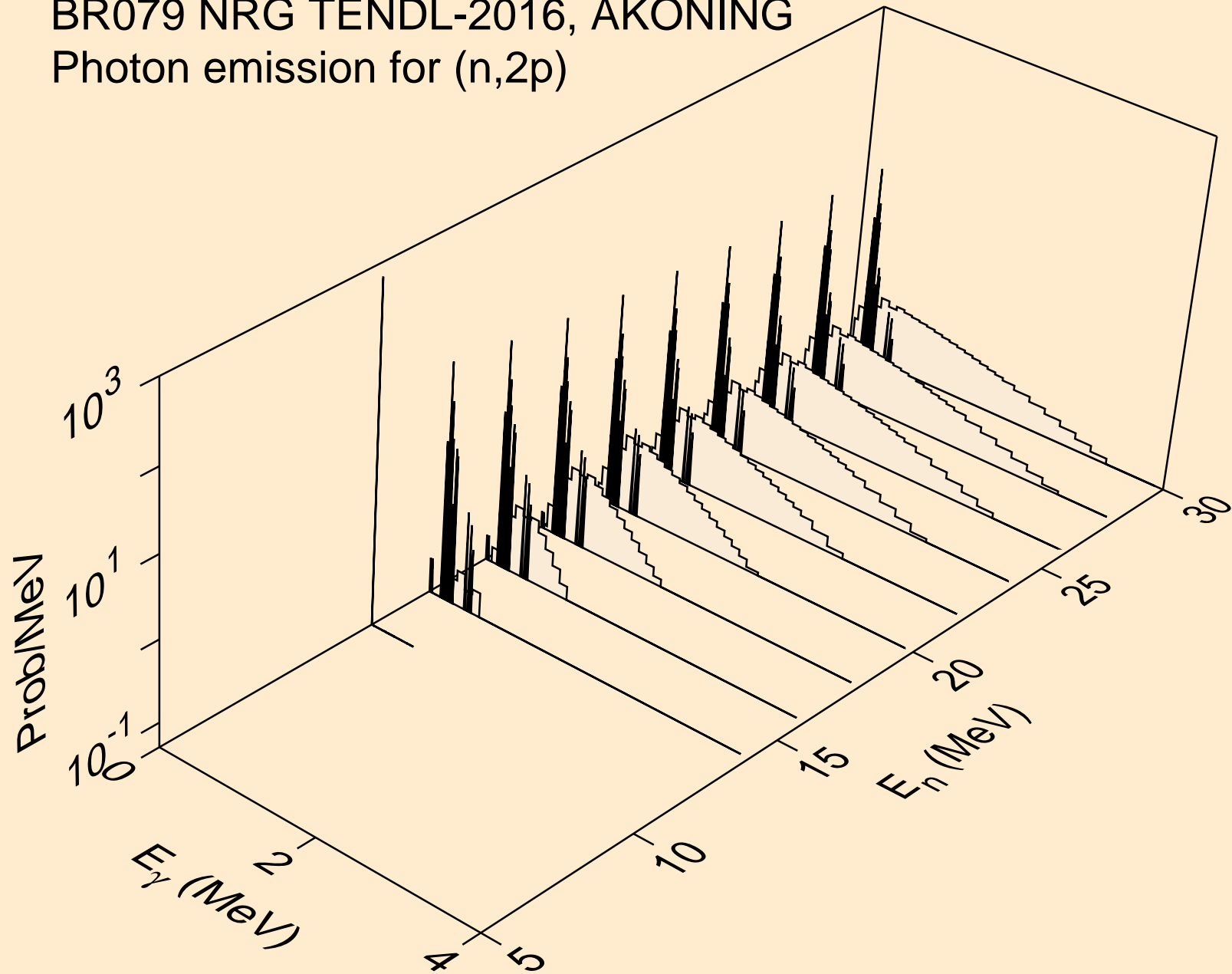
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,a)



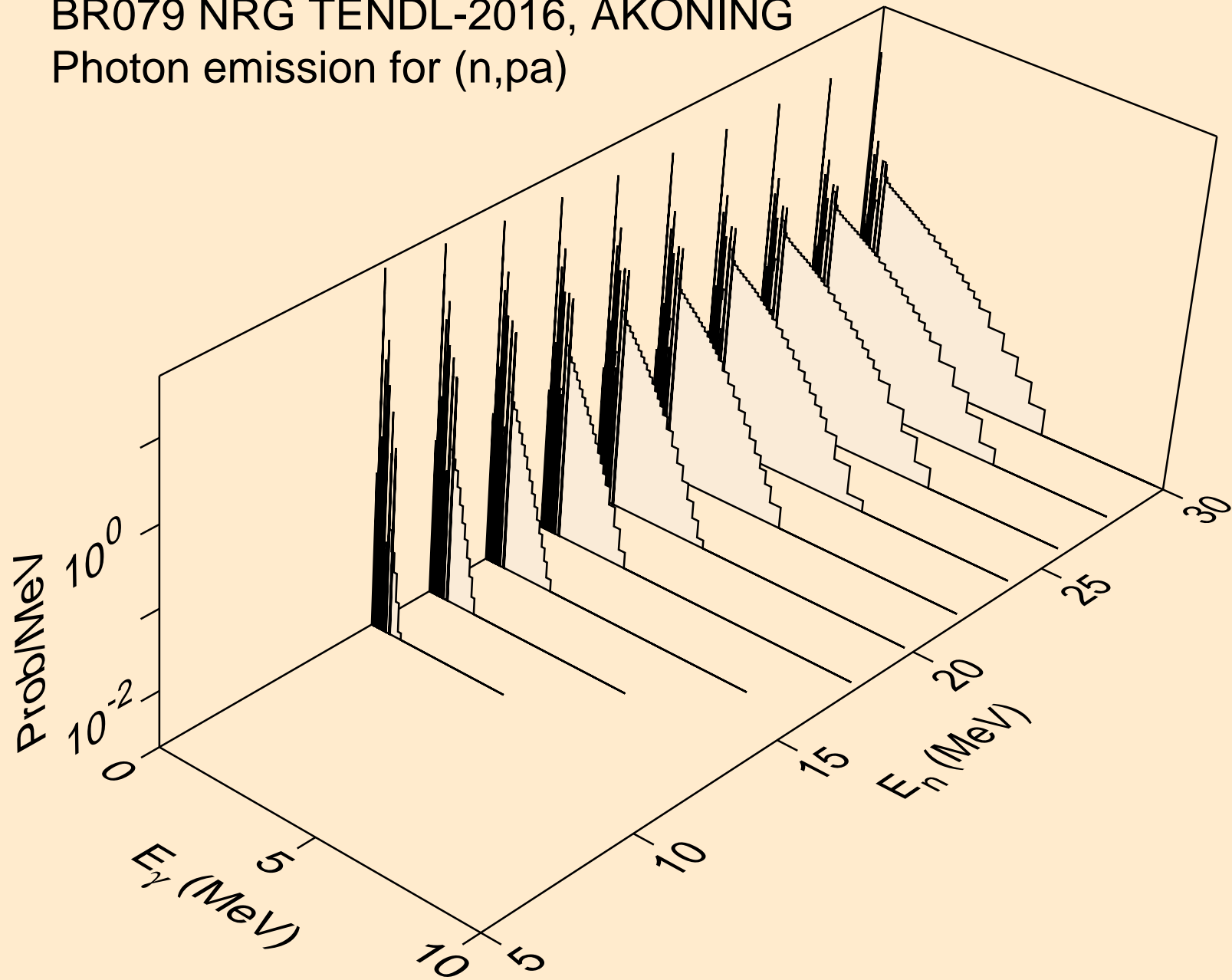
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,2a)



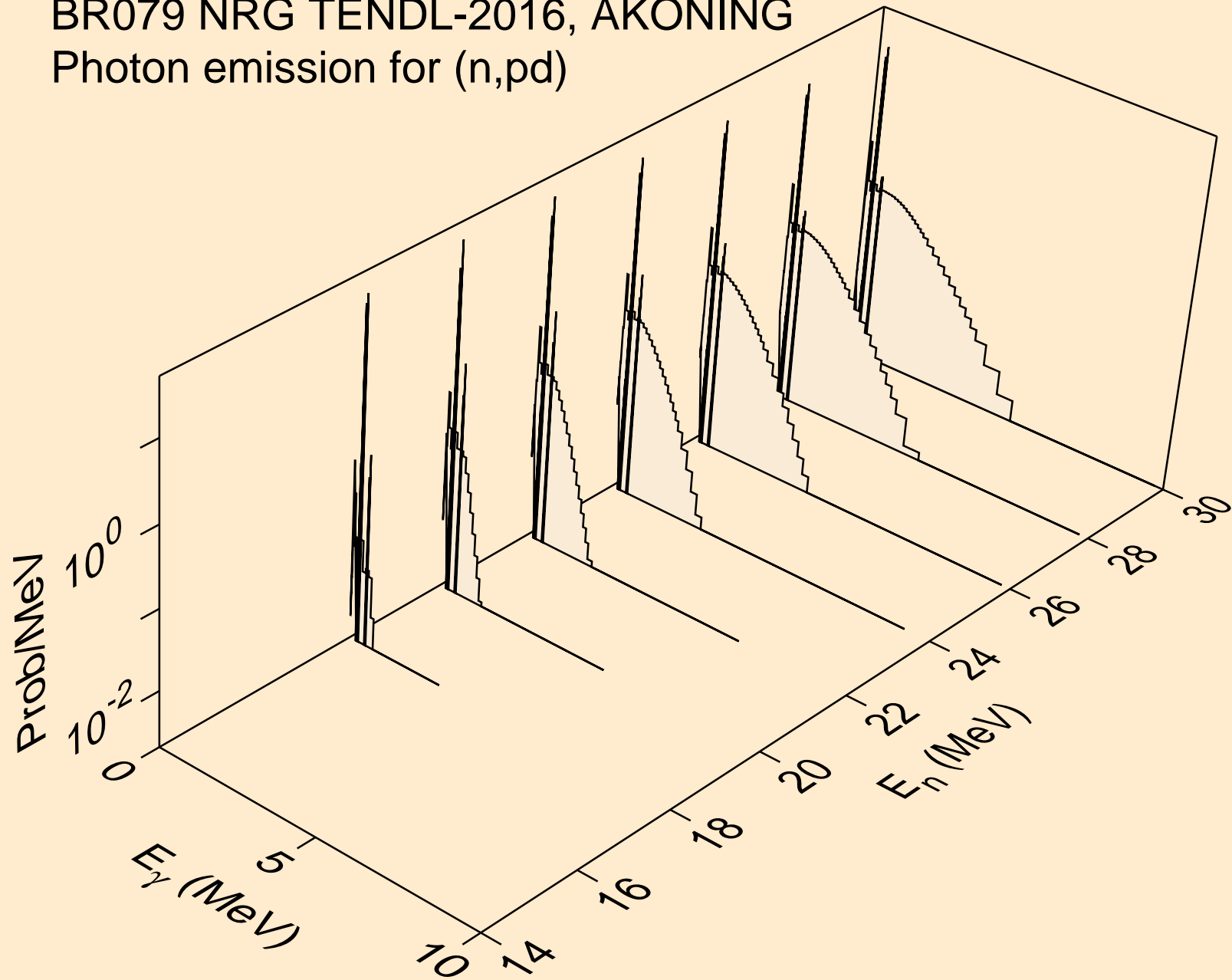
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Photon emission for (n,2p)



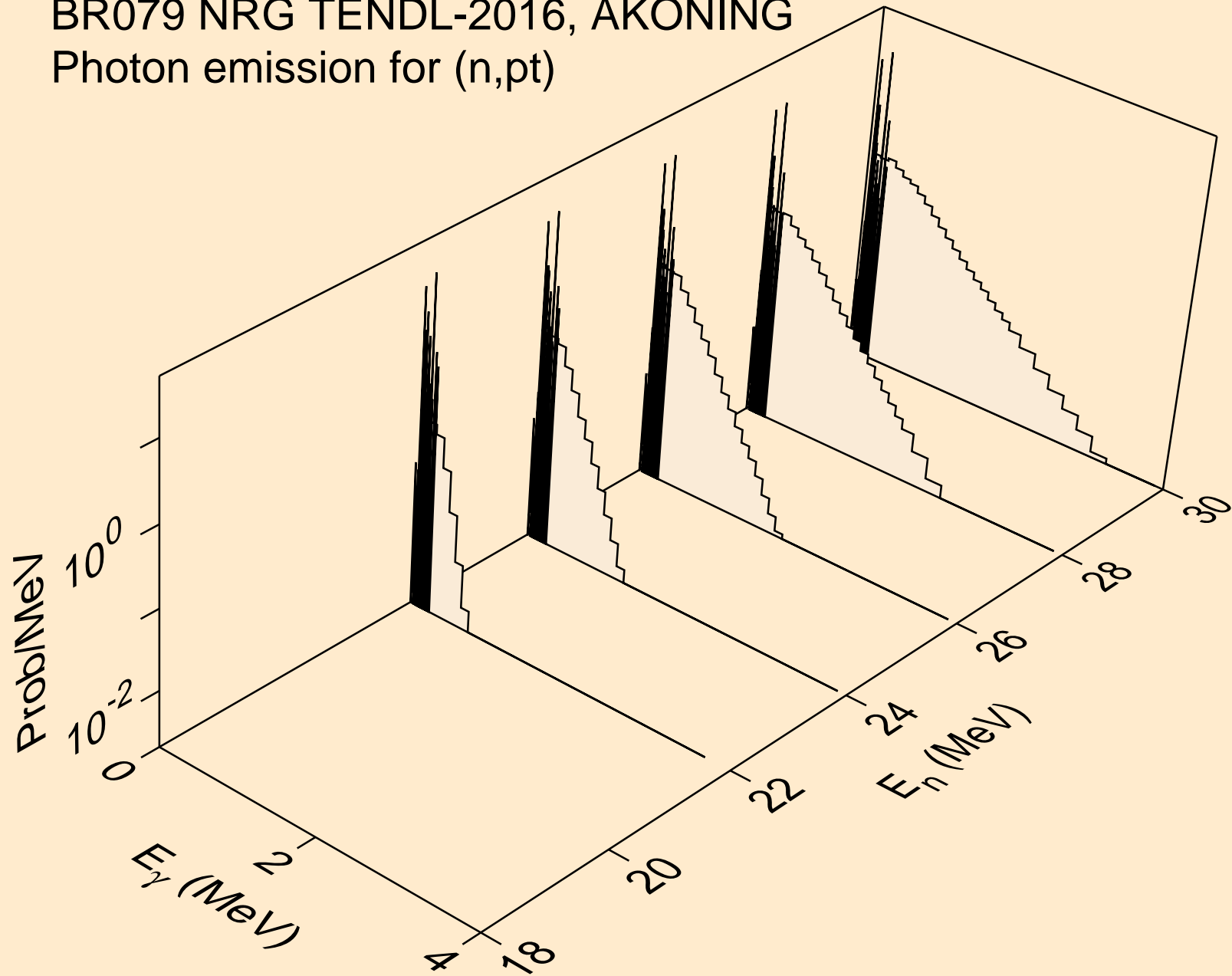
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,p $\alpha$ )



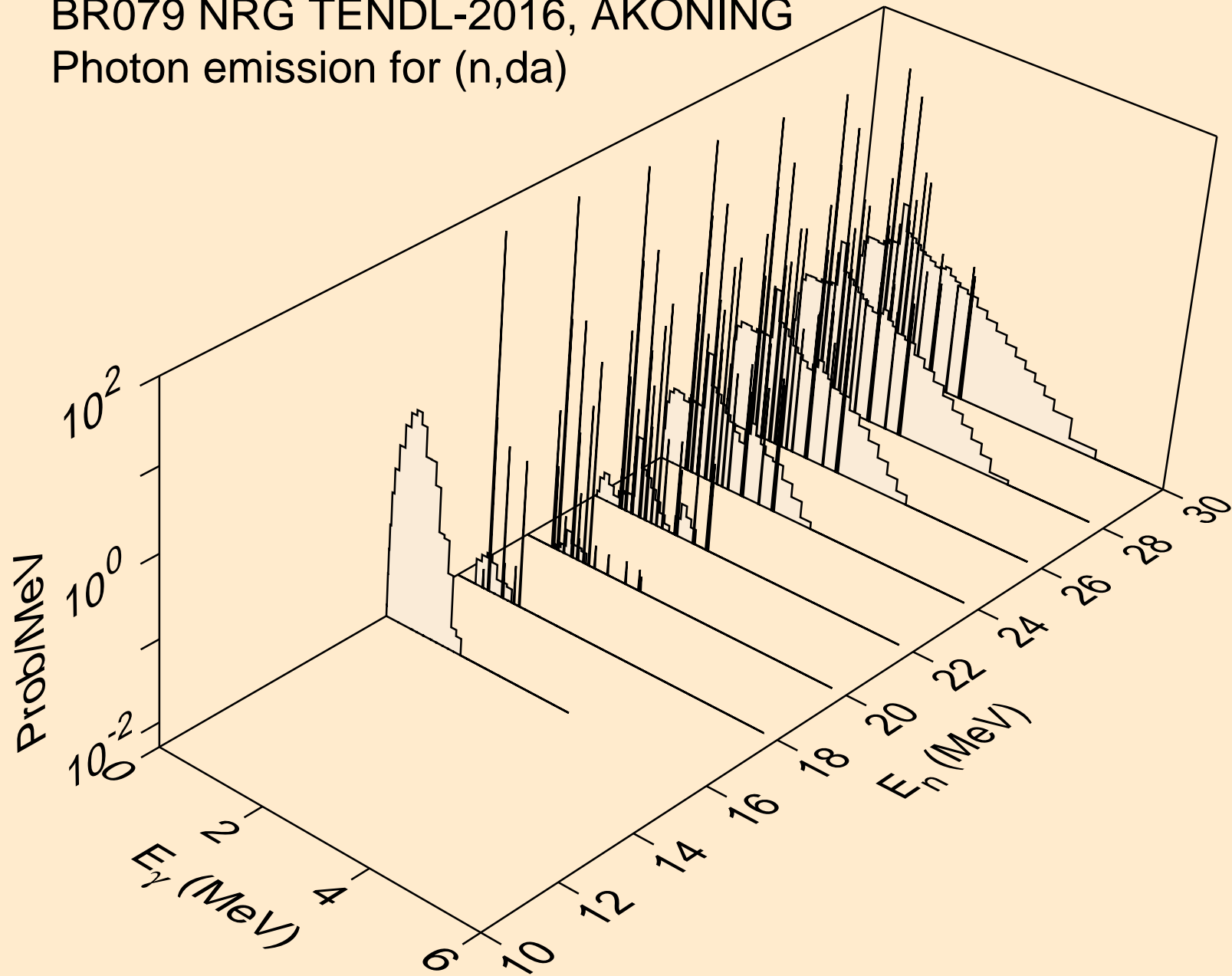
BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,pd)



BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,pt)

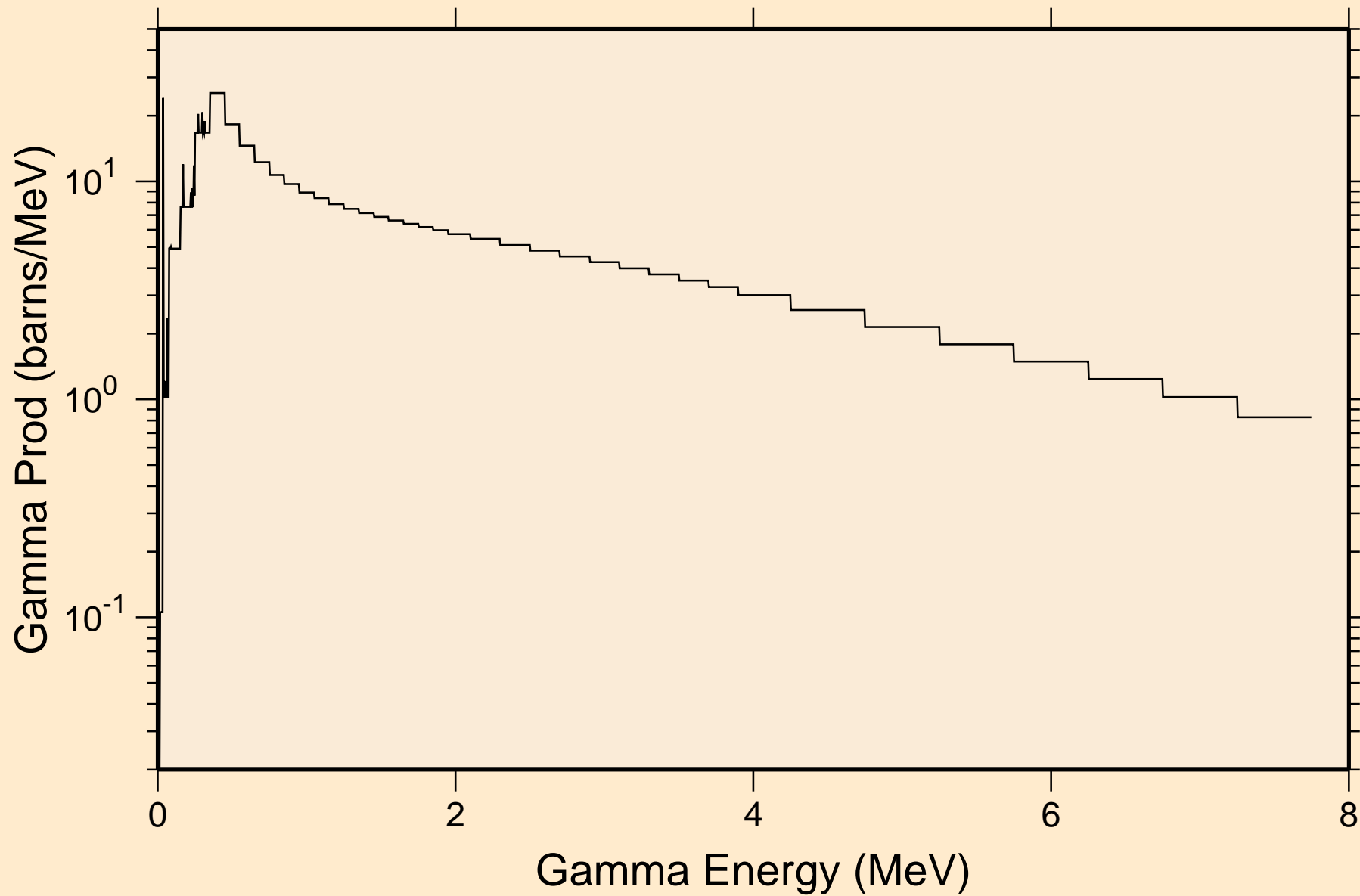


BR079 NRG TENDL-2016, AKONING  
Photon emission for (n,da)

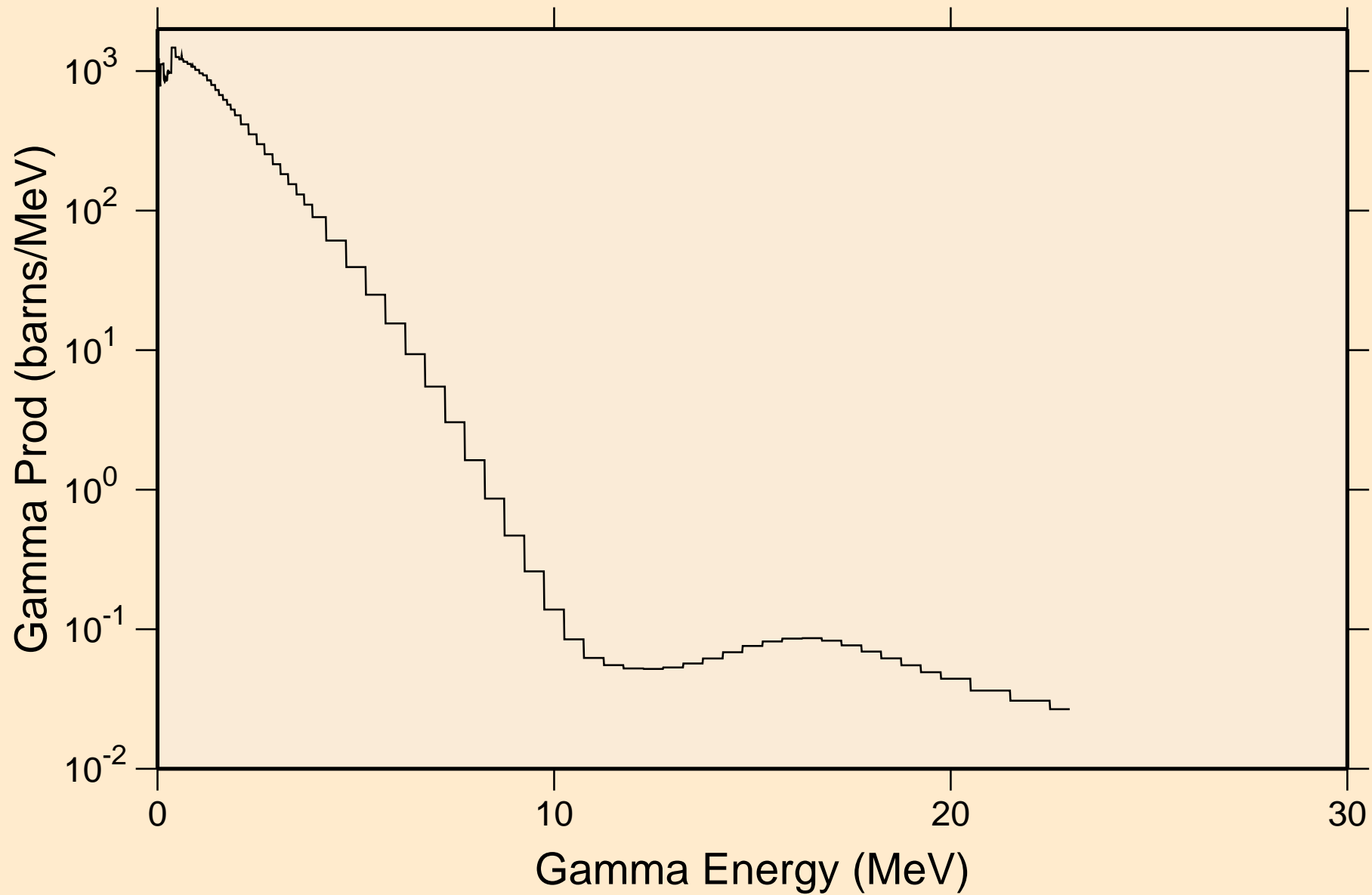




BR079 NRG TENDL-2016, AKONING  
thermal capture photon spectrum

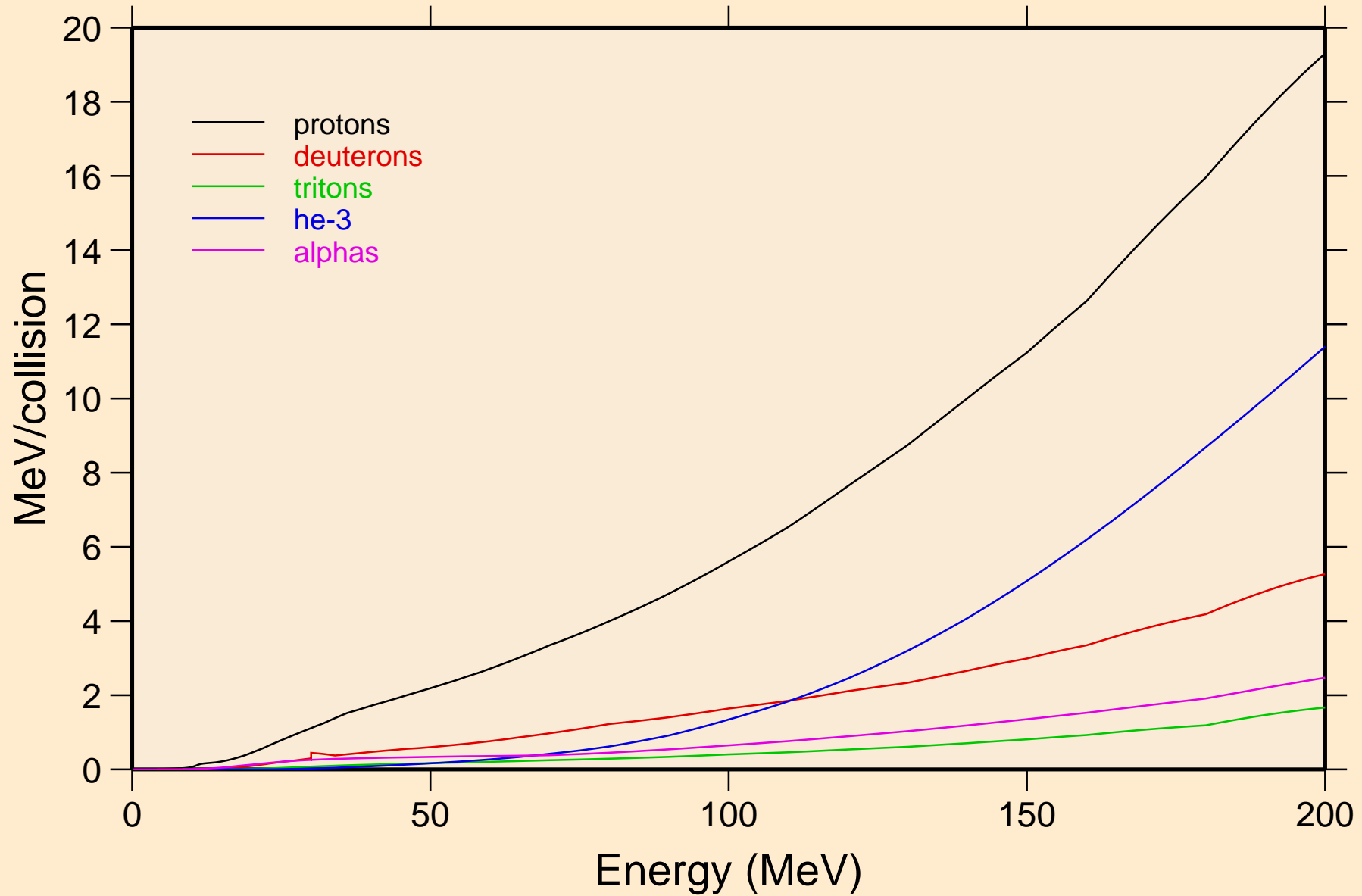


BR079 NRG TENDL-2016, AKONING  
14 MeV photon spectrum



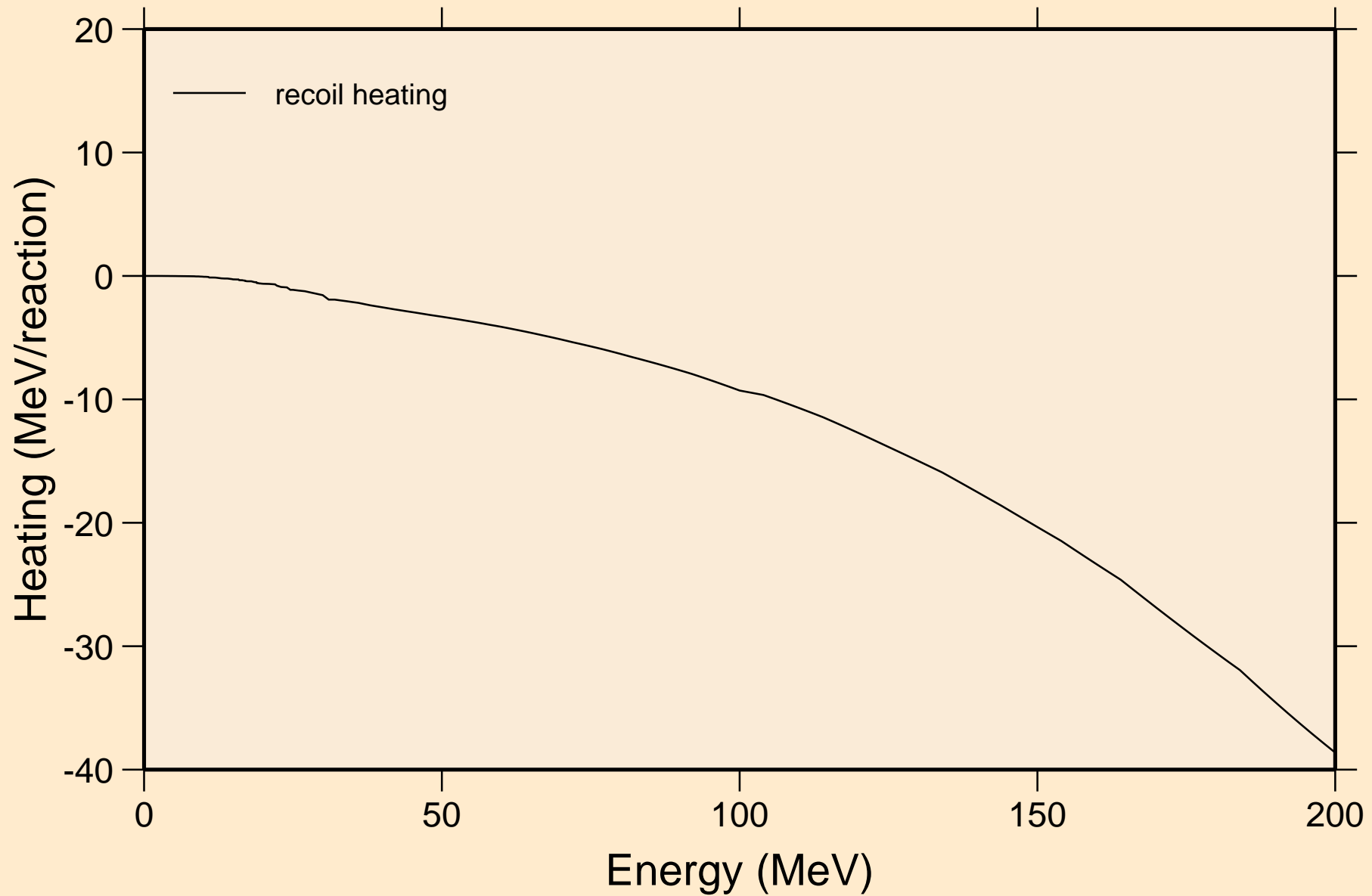
# BR079 NRG TENDL-2016, AKONING

## Particle heating contributions



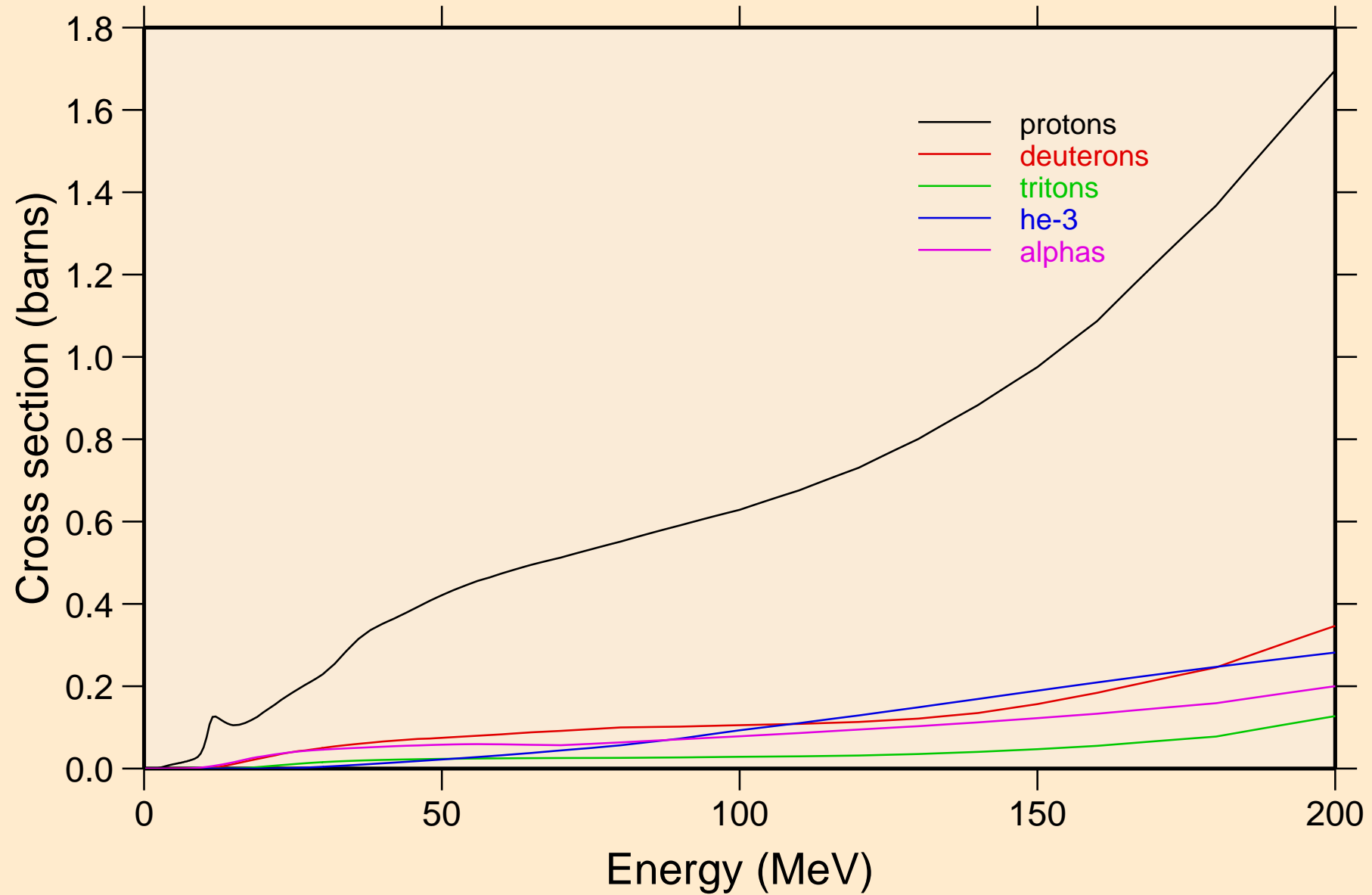
# BR079 NRG TENDL-2016, AKONING

## Recoil Heating

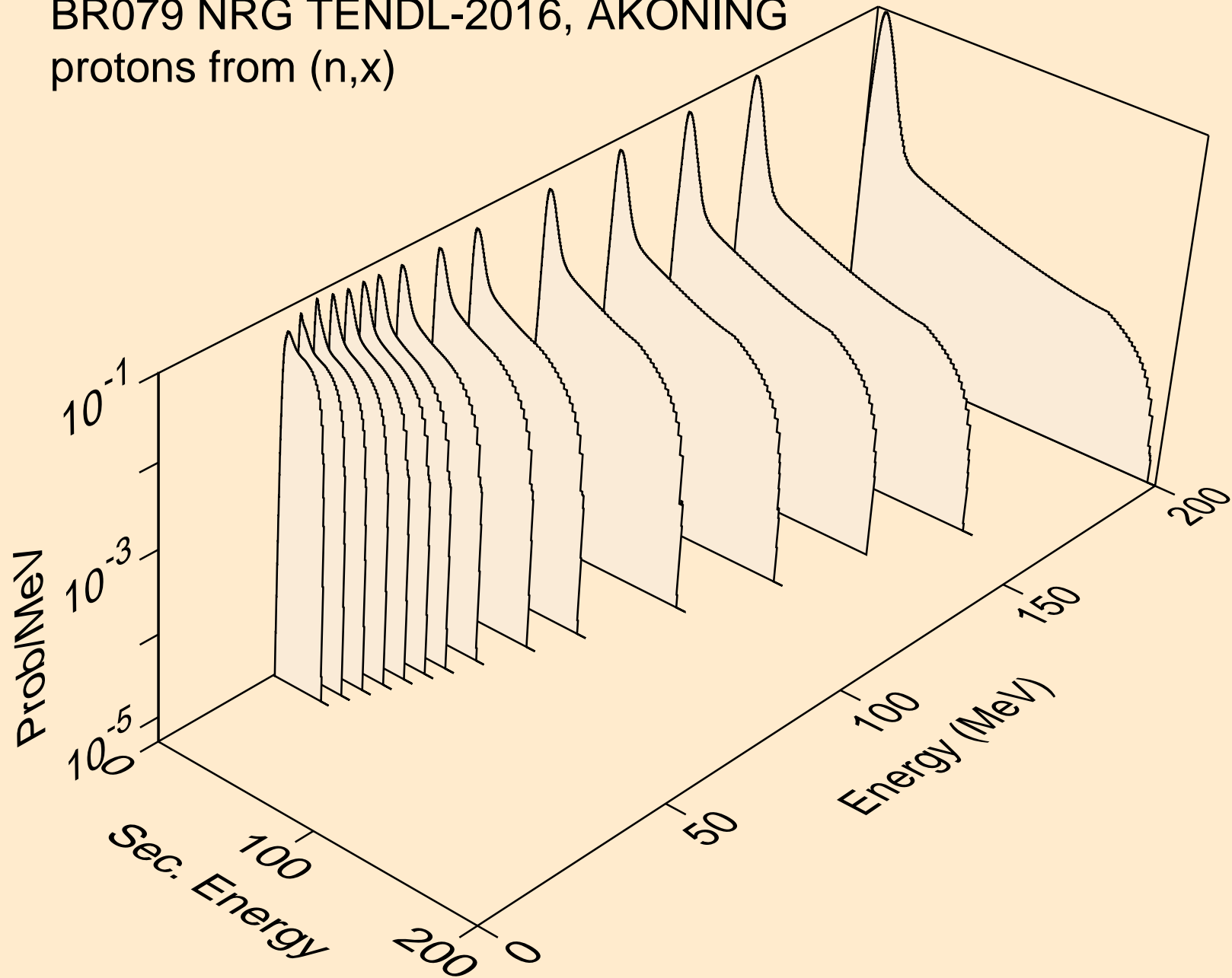


# BR079 NRG TENDL-2016, AKONING

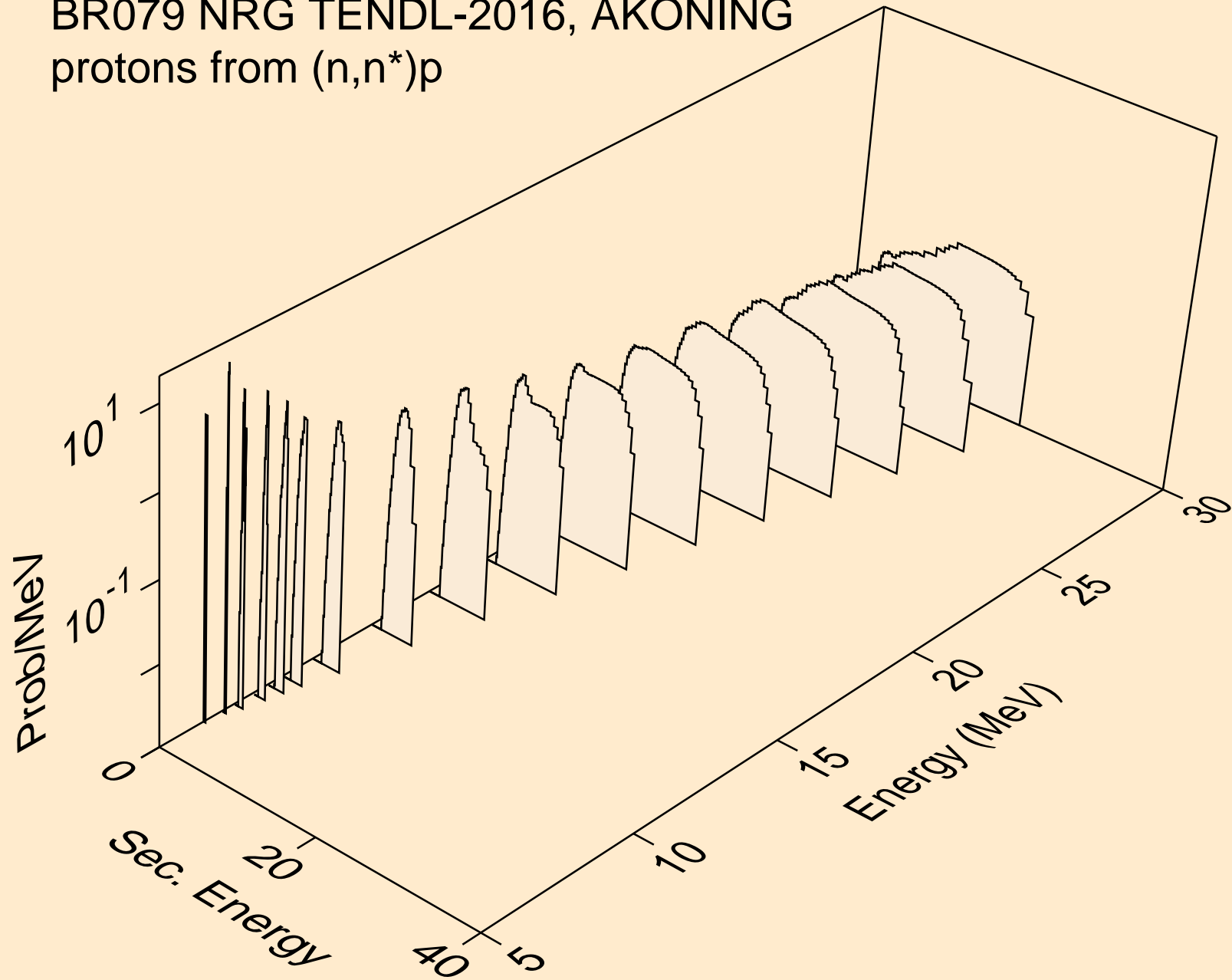
## Particle production cross sections



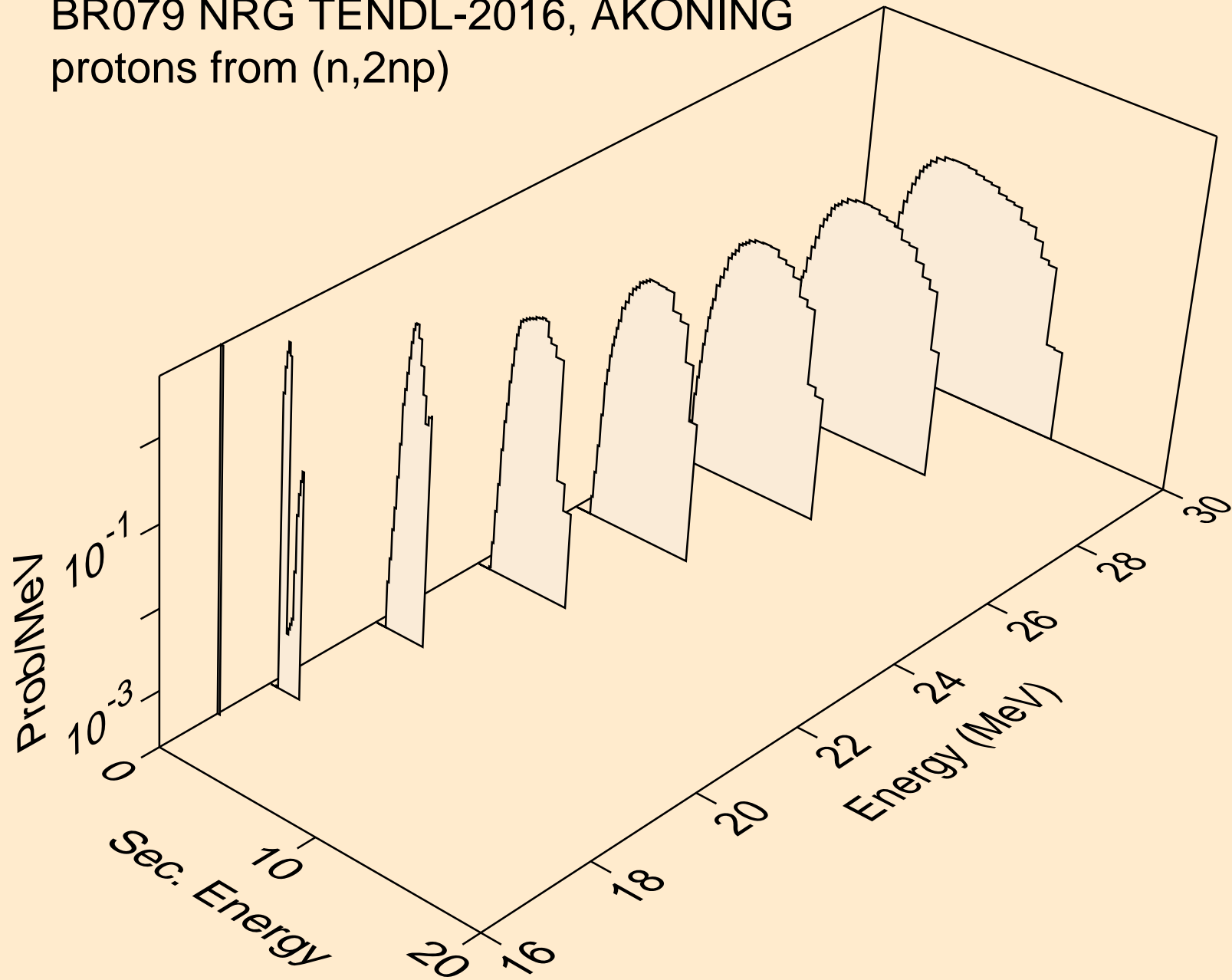
BR079 NRG TENDL-2016, AKONING  
protons from (n,x)



BR079 NRG TENDL-2016, AKONING  
protons from (n,n\*)p

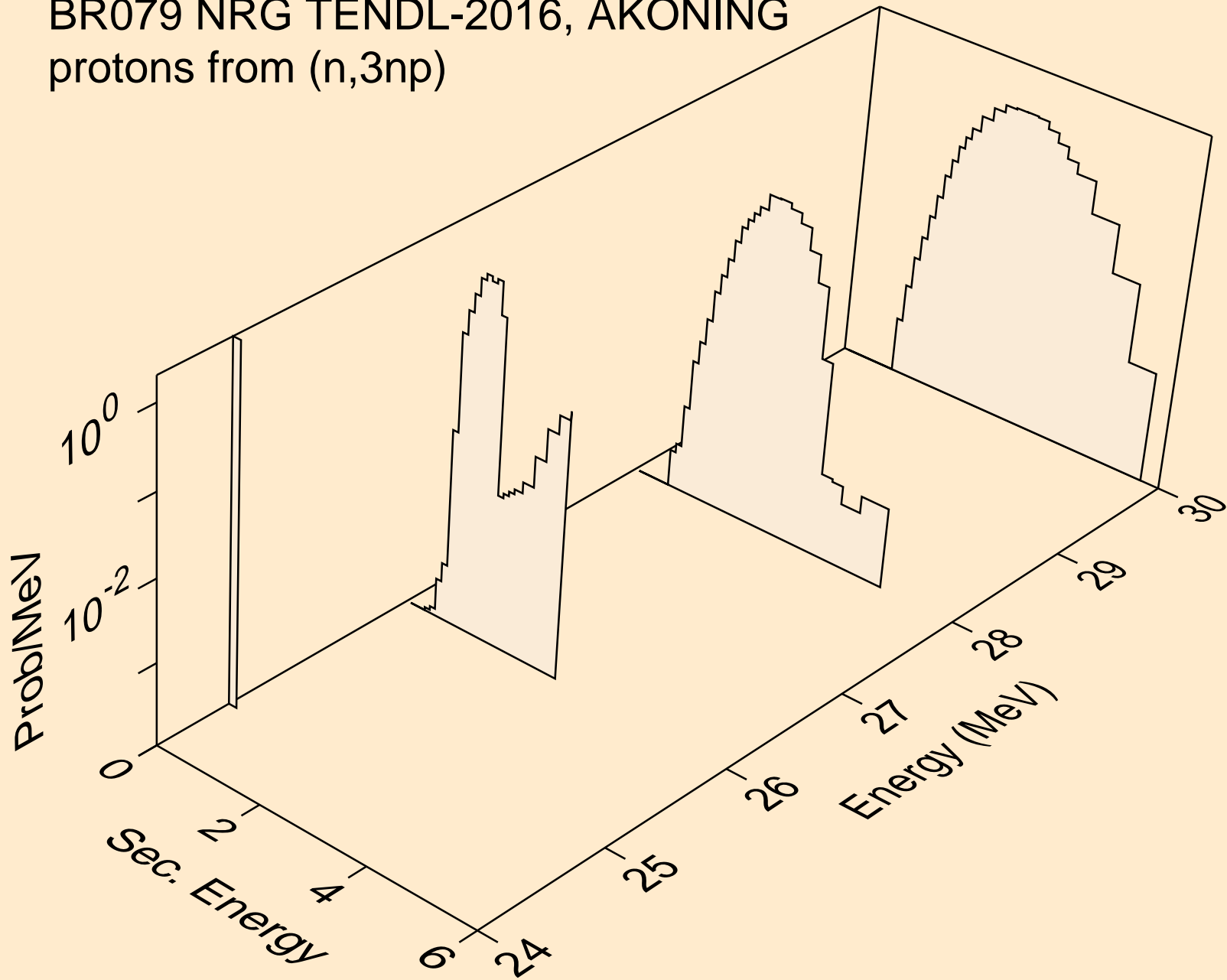


BR079 NRG TENDL-2016, AKONING  
protons from (n,2np)

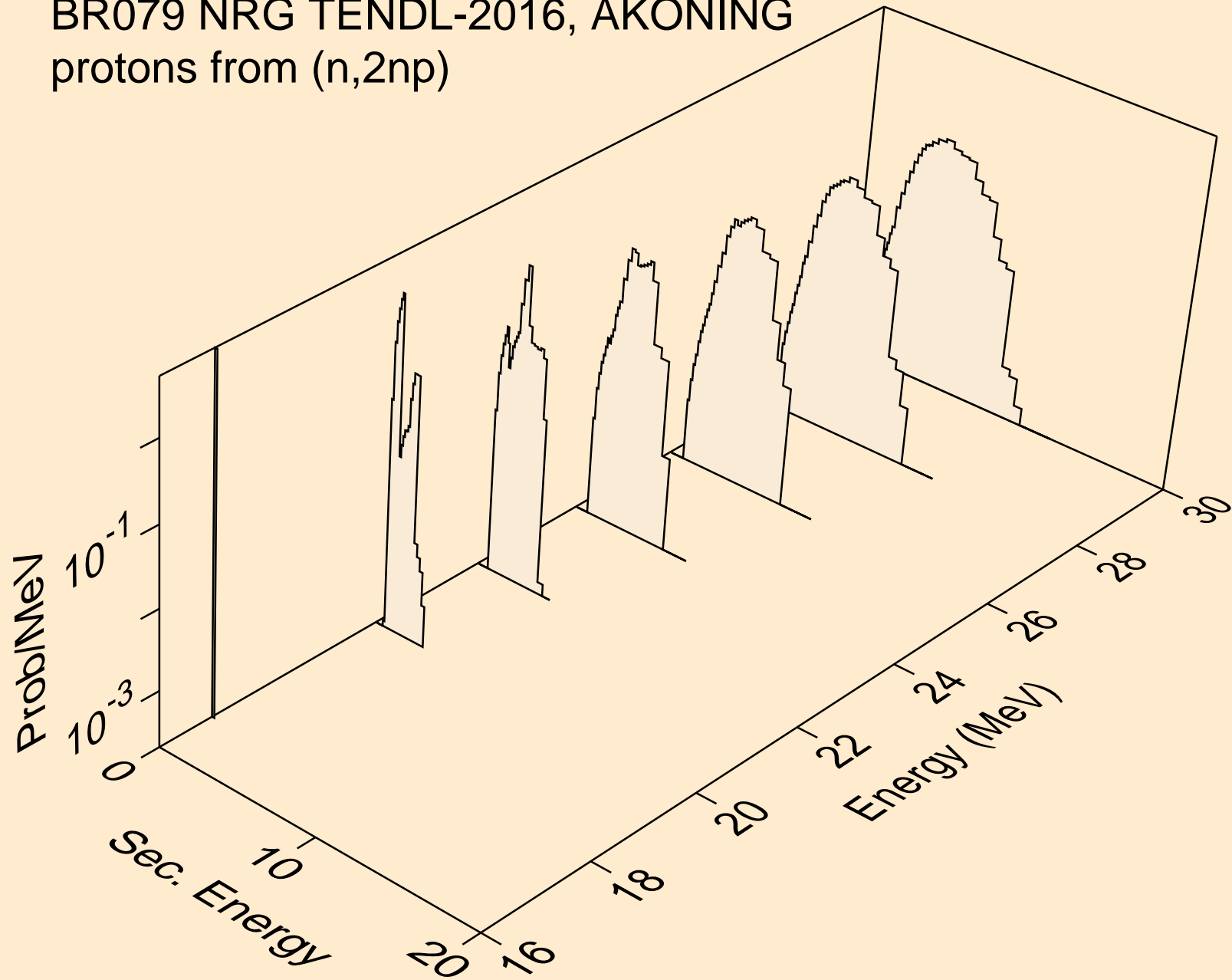




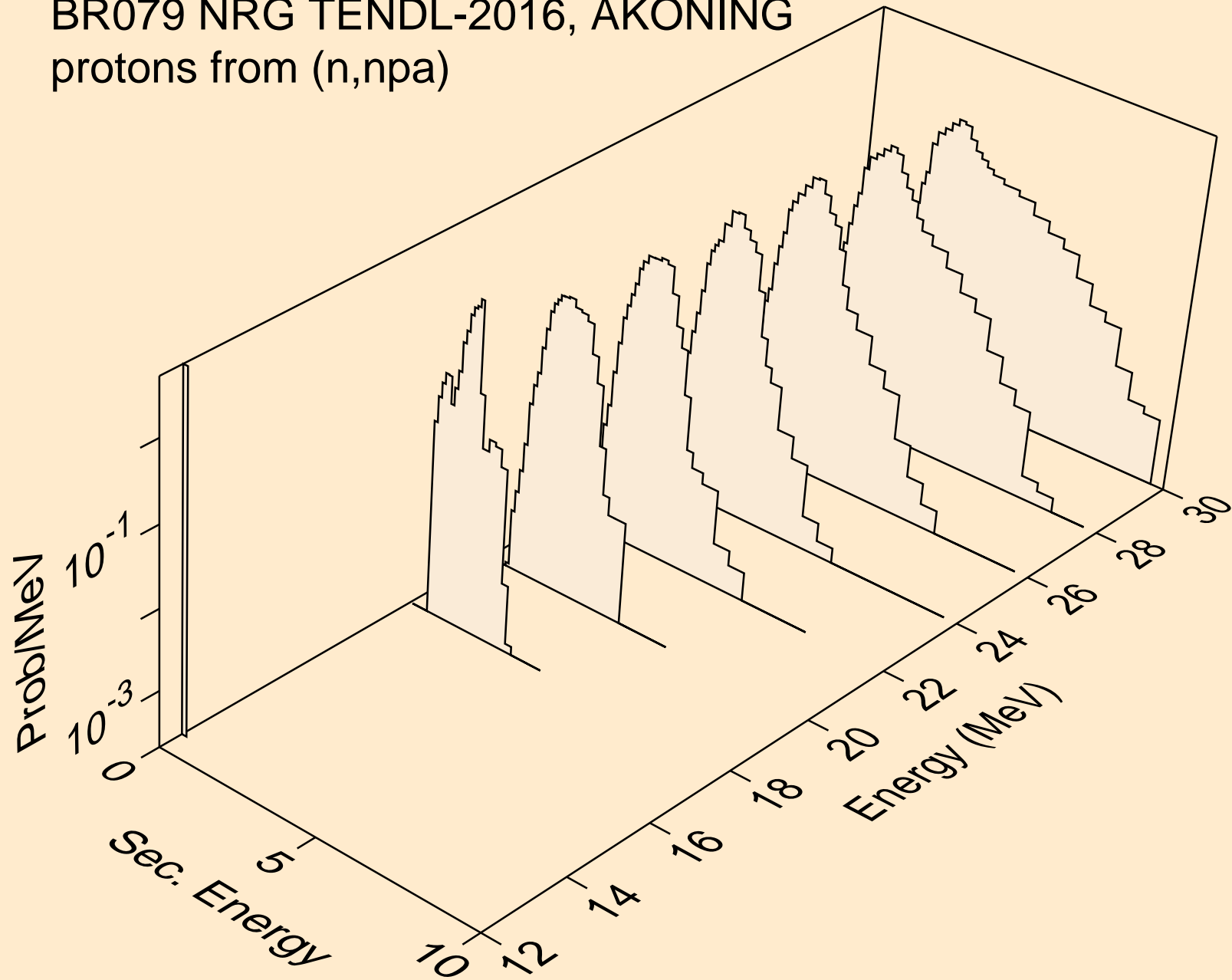
BR079 NRG TENDL-2016, AKONING  
protons from (n,3np)



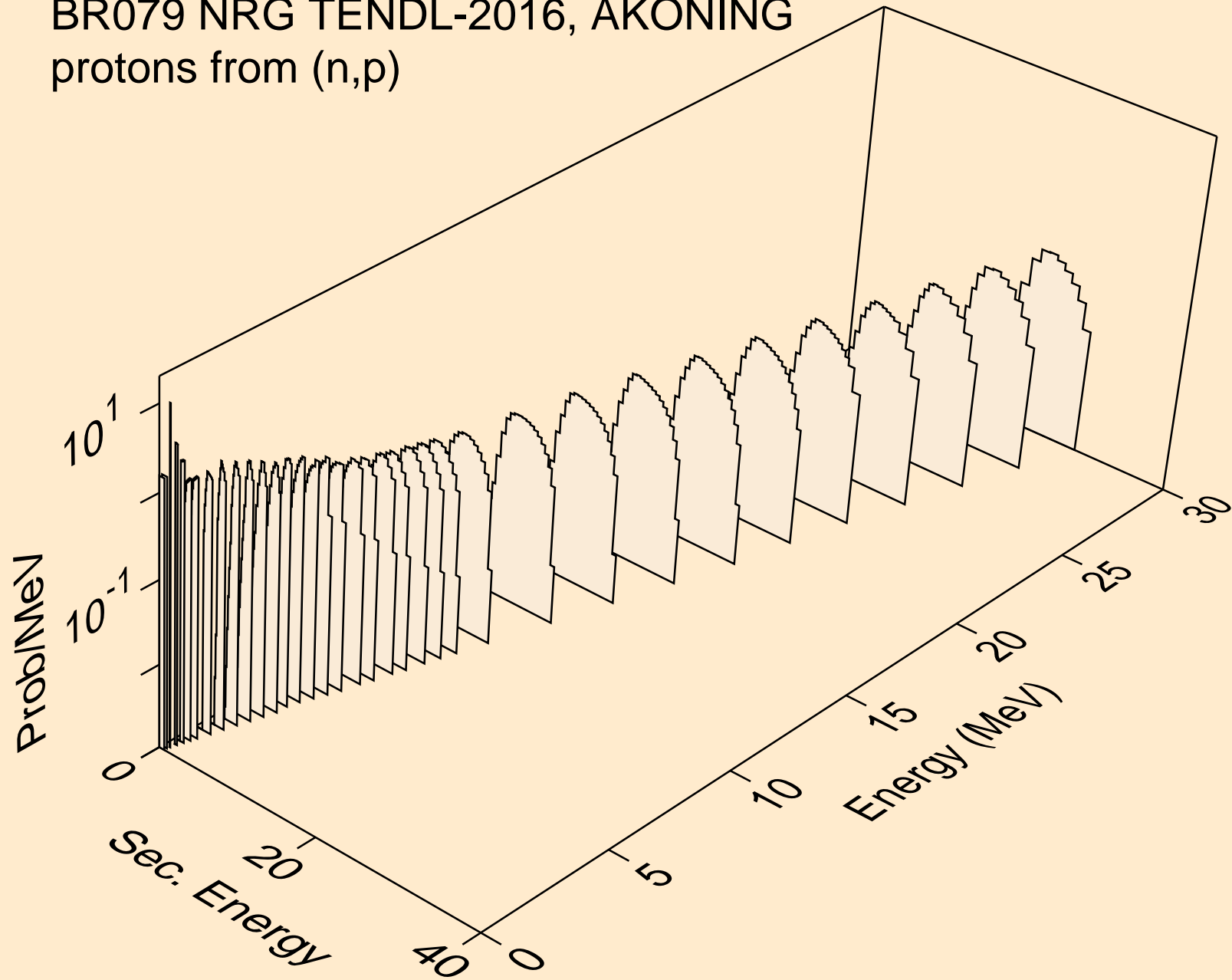
BR079 NRG TENDL-2016, AKONING  
protons from (n,2np)



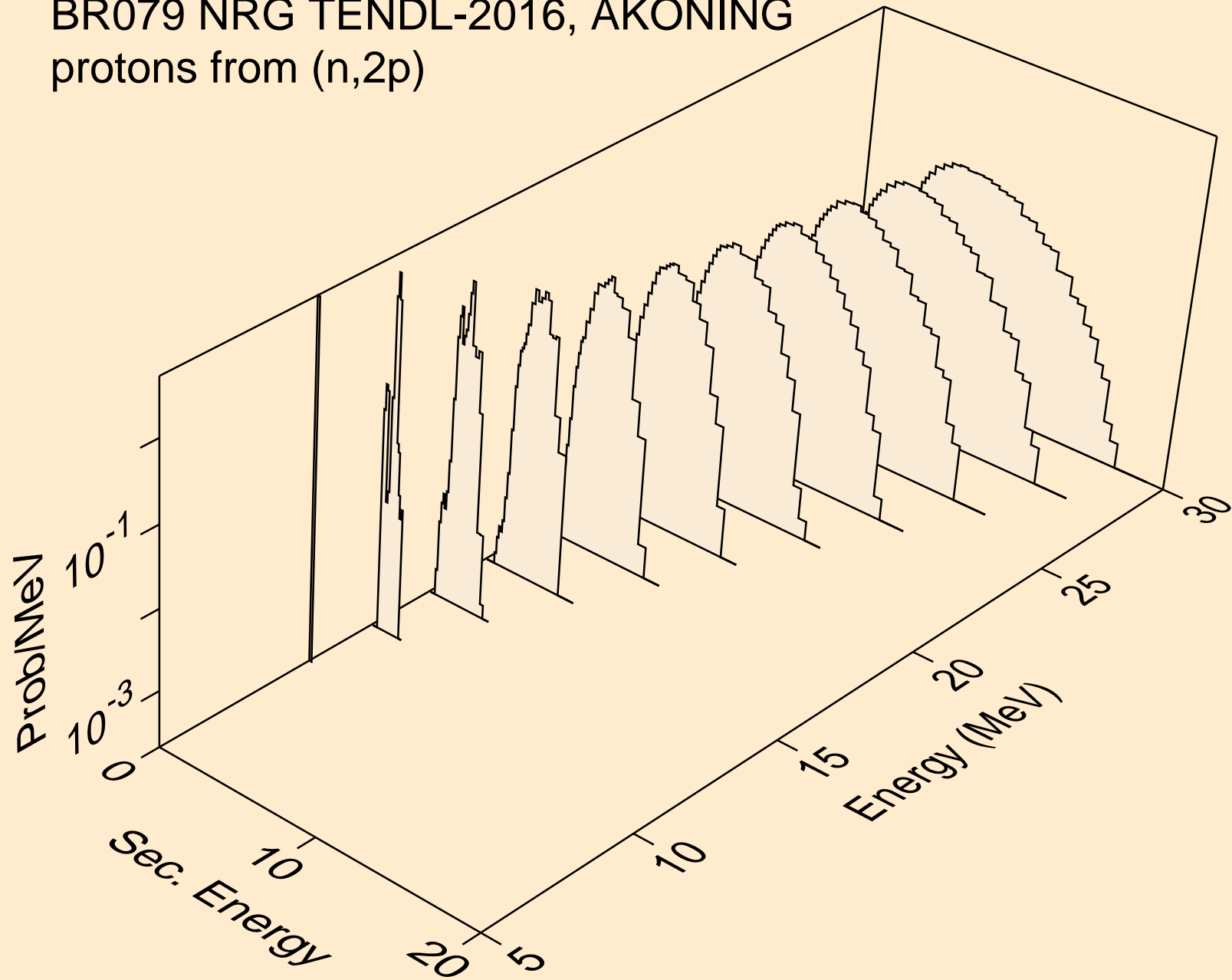
BR079 NRG TENDL-2016, AKONING  
protons from (n,npa)



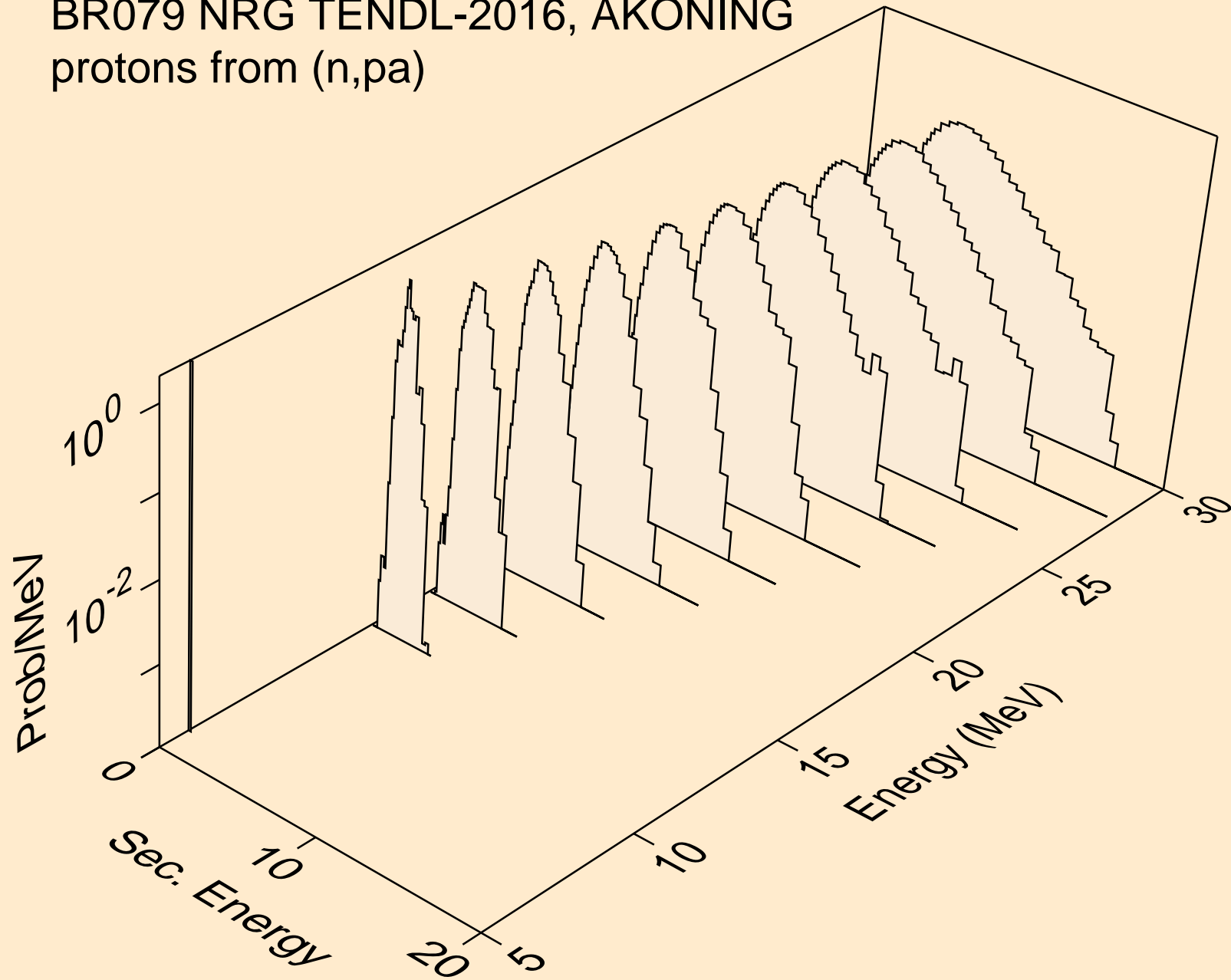
BR079 NRG TENDL-2016, AKONING  
protons from (n,p)



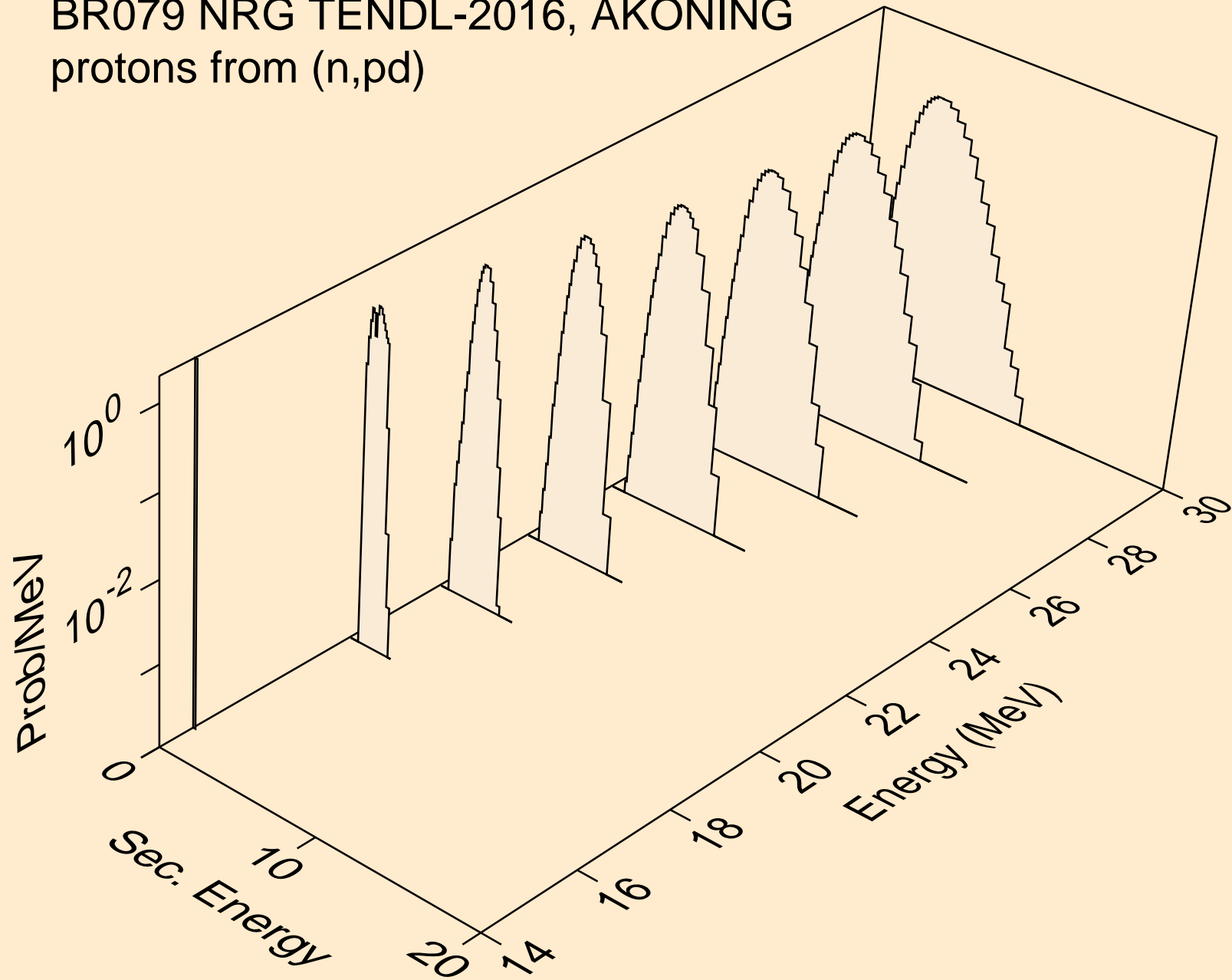
BR079 NRG TENDL-2016, AKONING  
protons from (n,2p)



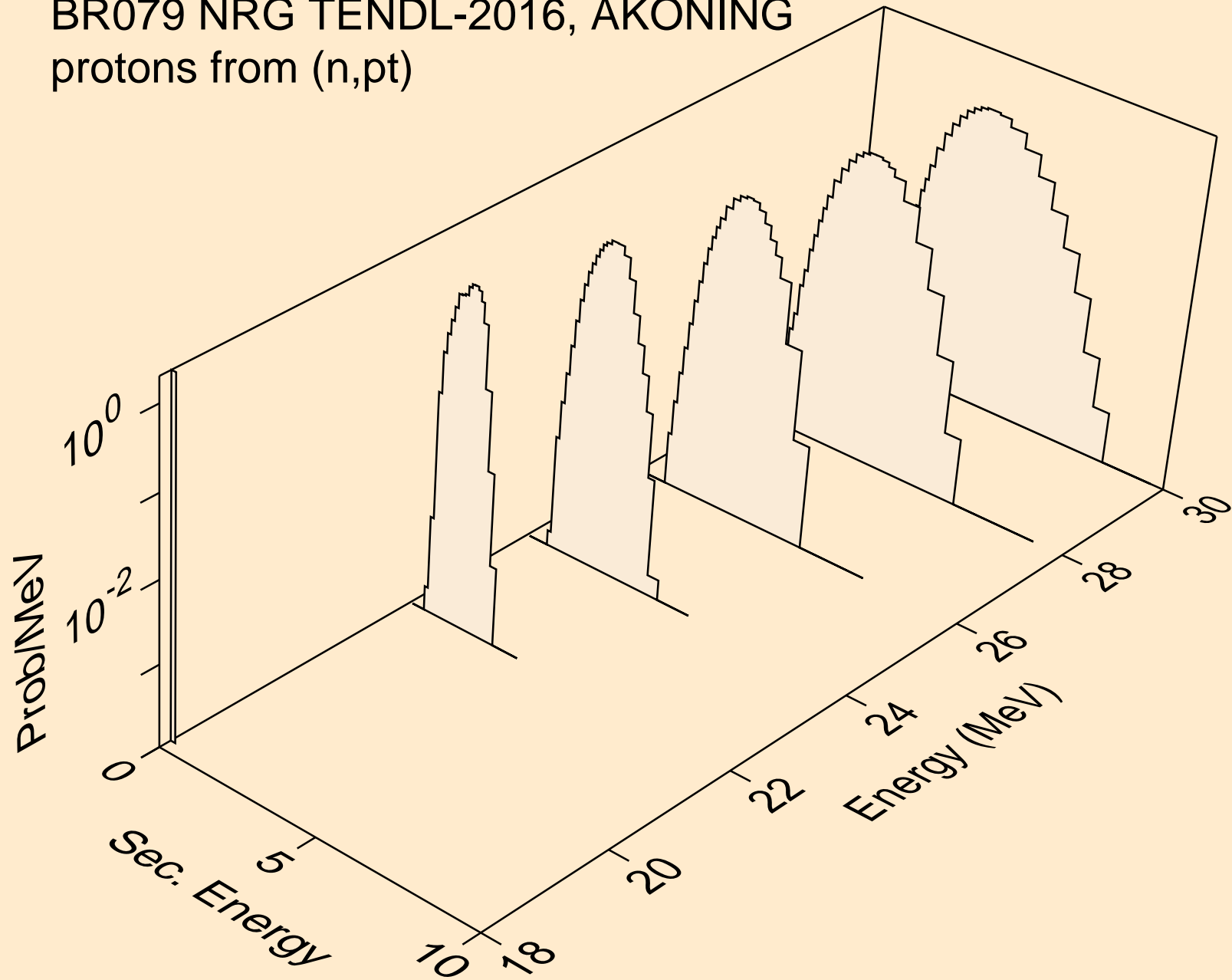
BR079 NRG TENDL-2016, AKONING  
protons from (n,pa)



BR079 NRG TENDL-2016, AKONING  
protons from (n,pd)

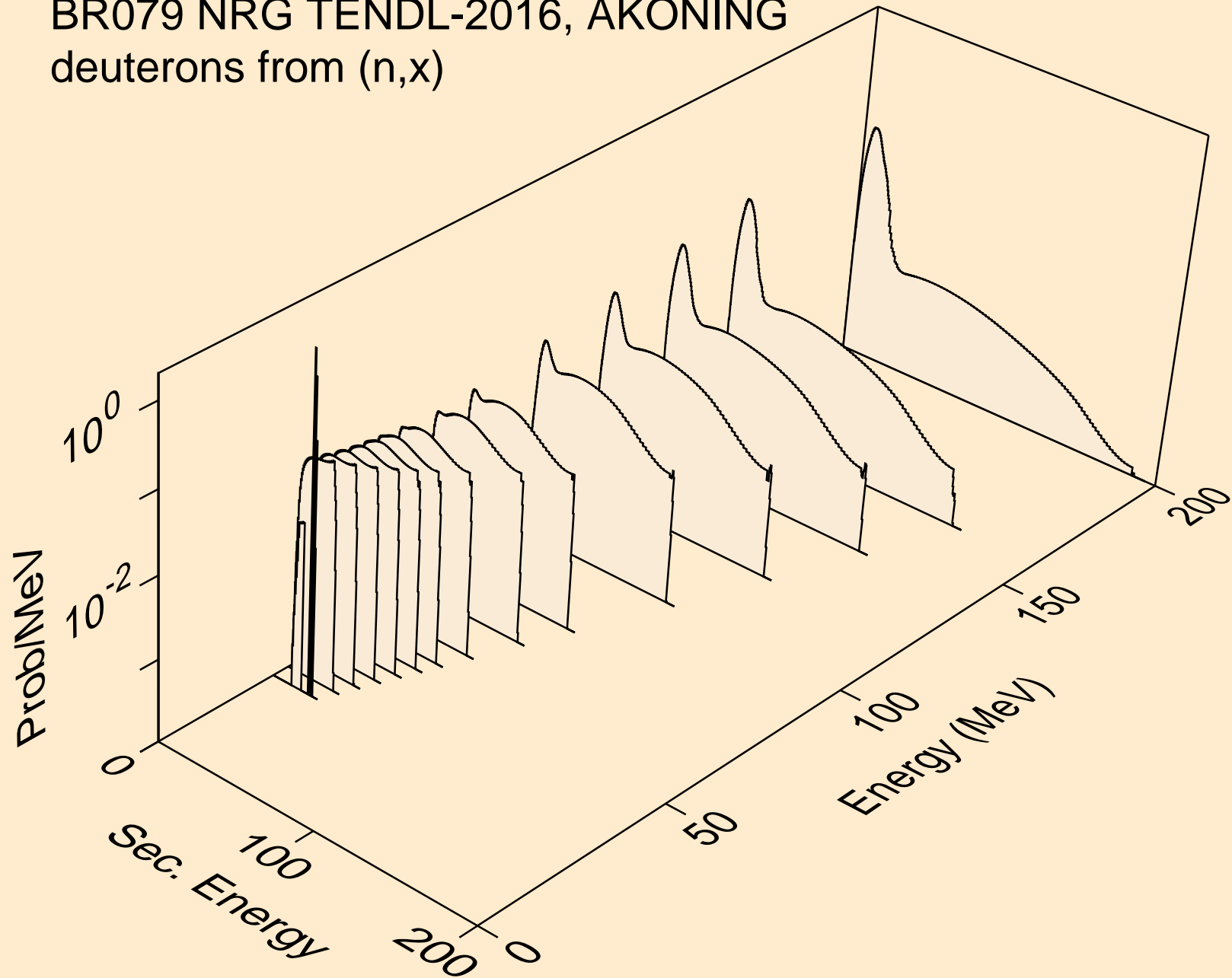


BR079 NRG TENDL-2016, AKONING  
protons from (n,pt)

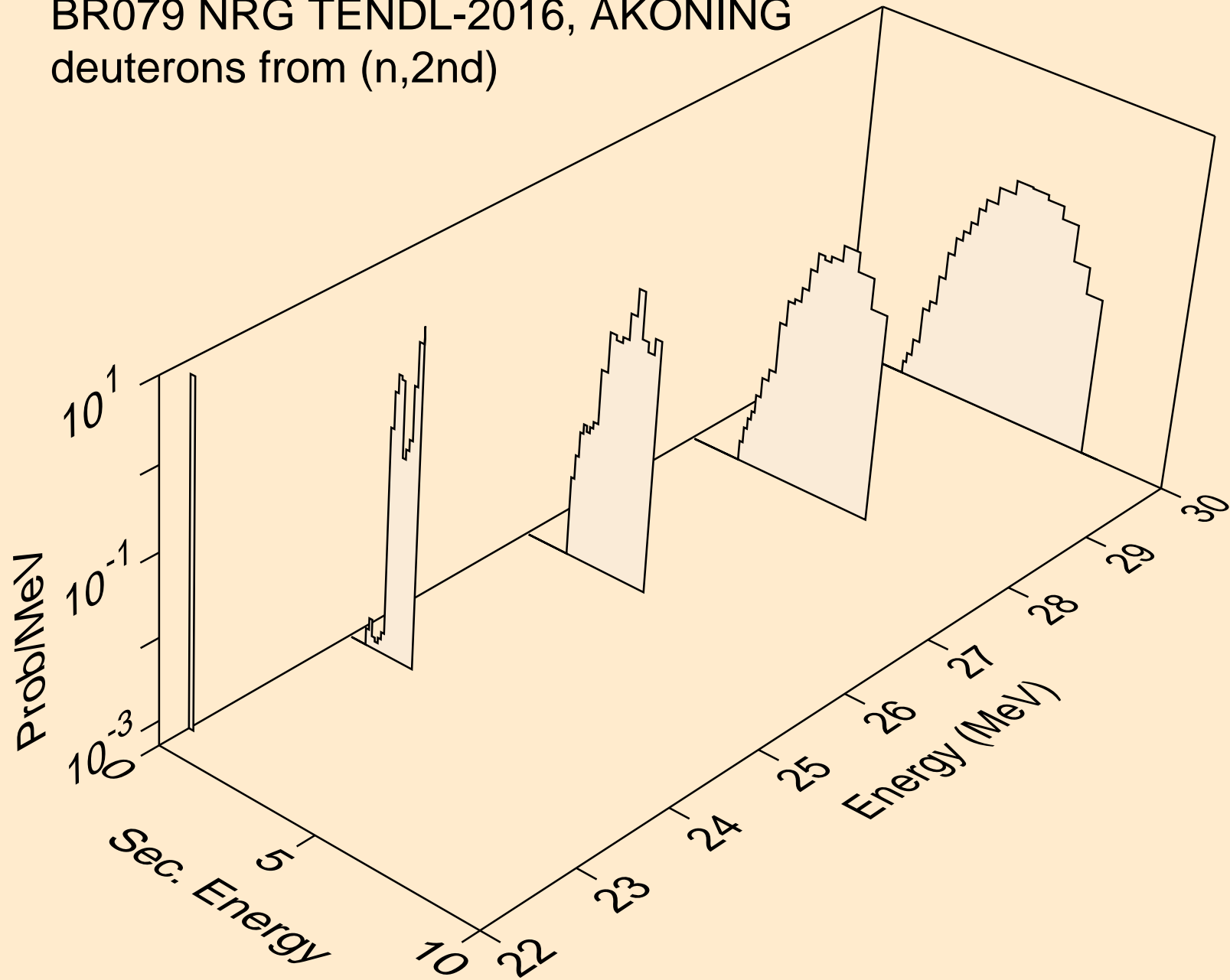




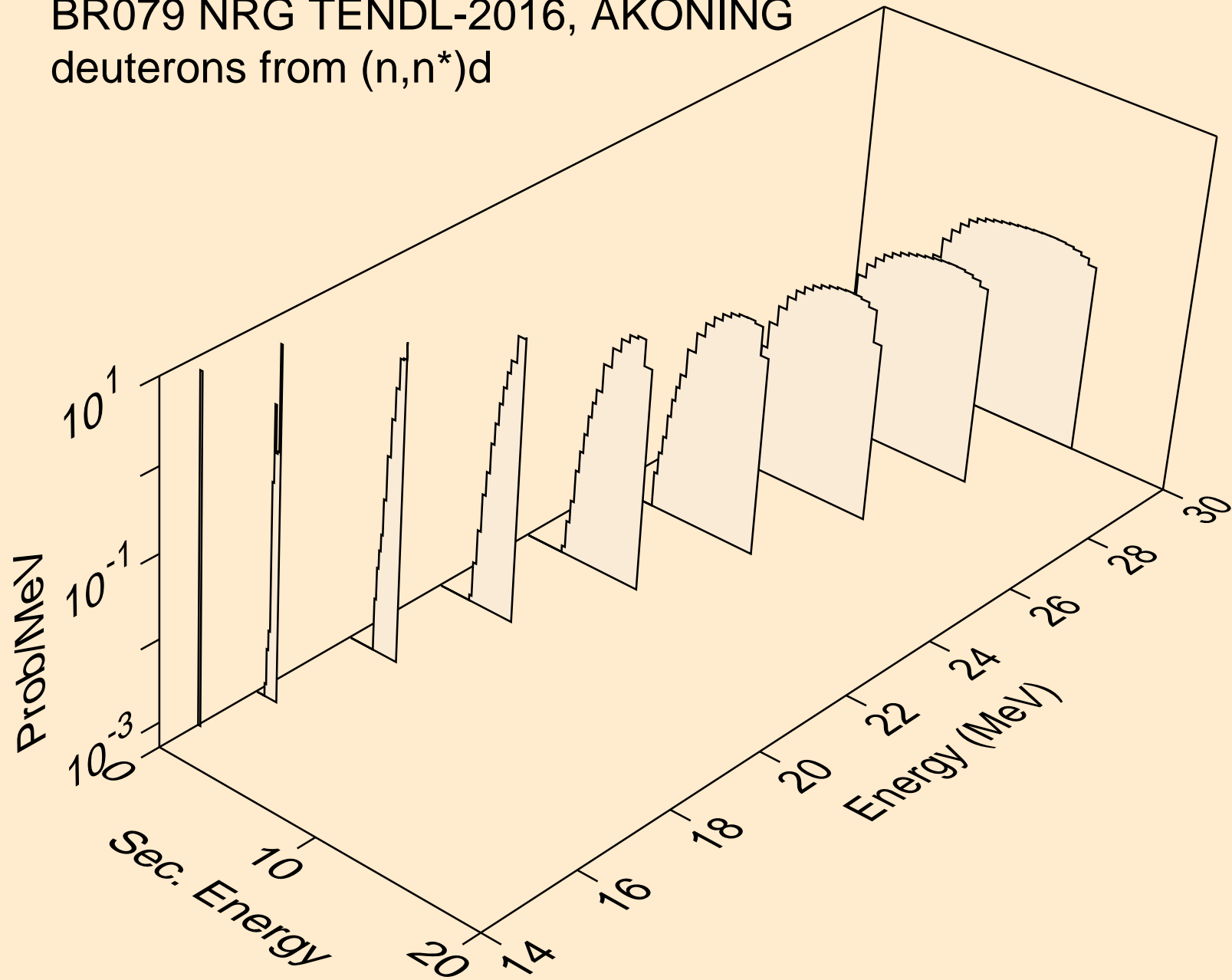
BR079 NRG TENDL-2016, AKONING  
deuterons from (n,x)



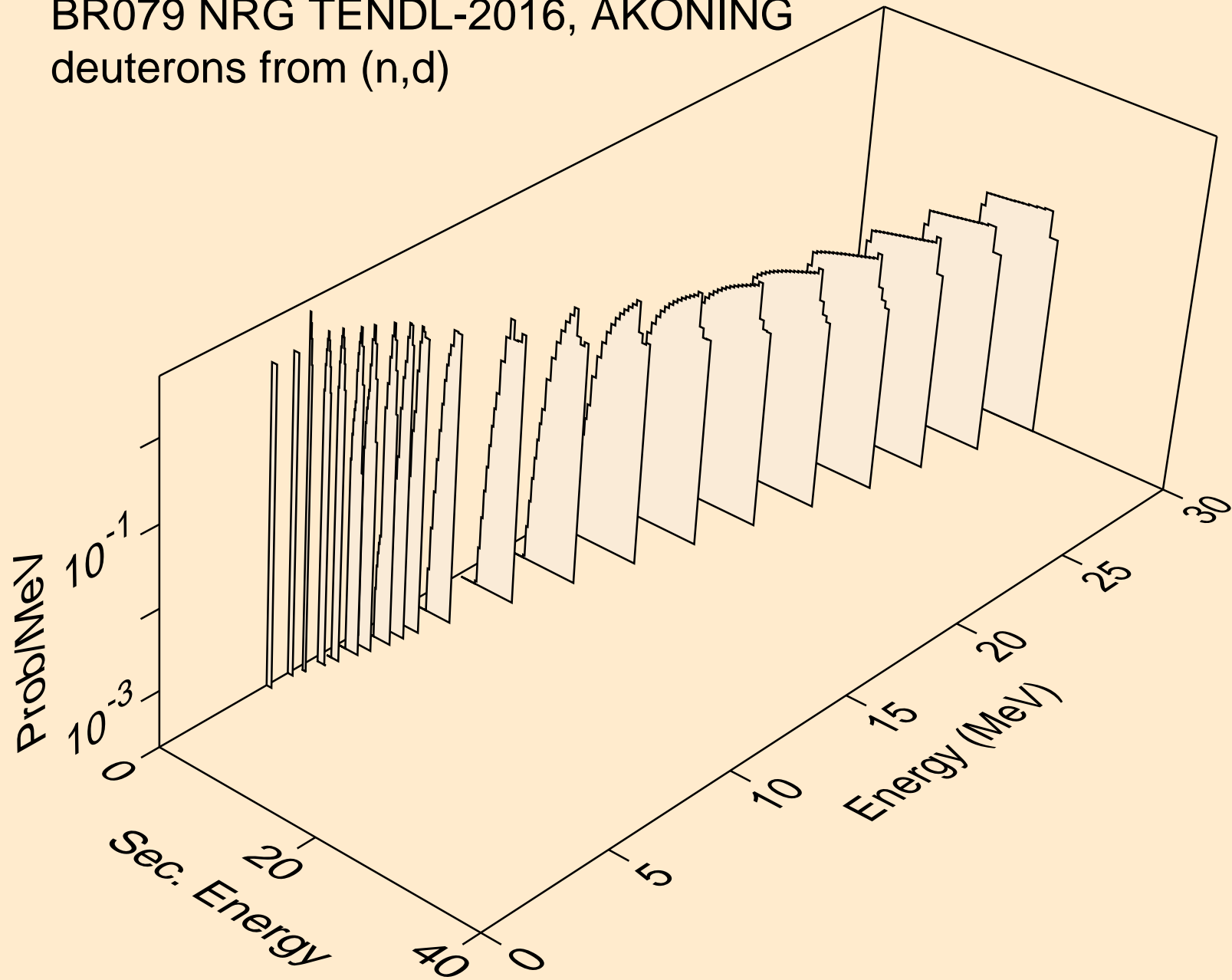
BR079 NRG TENDL-2016, AKONING  
deuterons from (n,2nd)



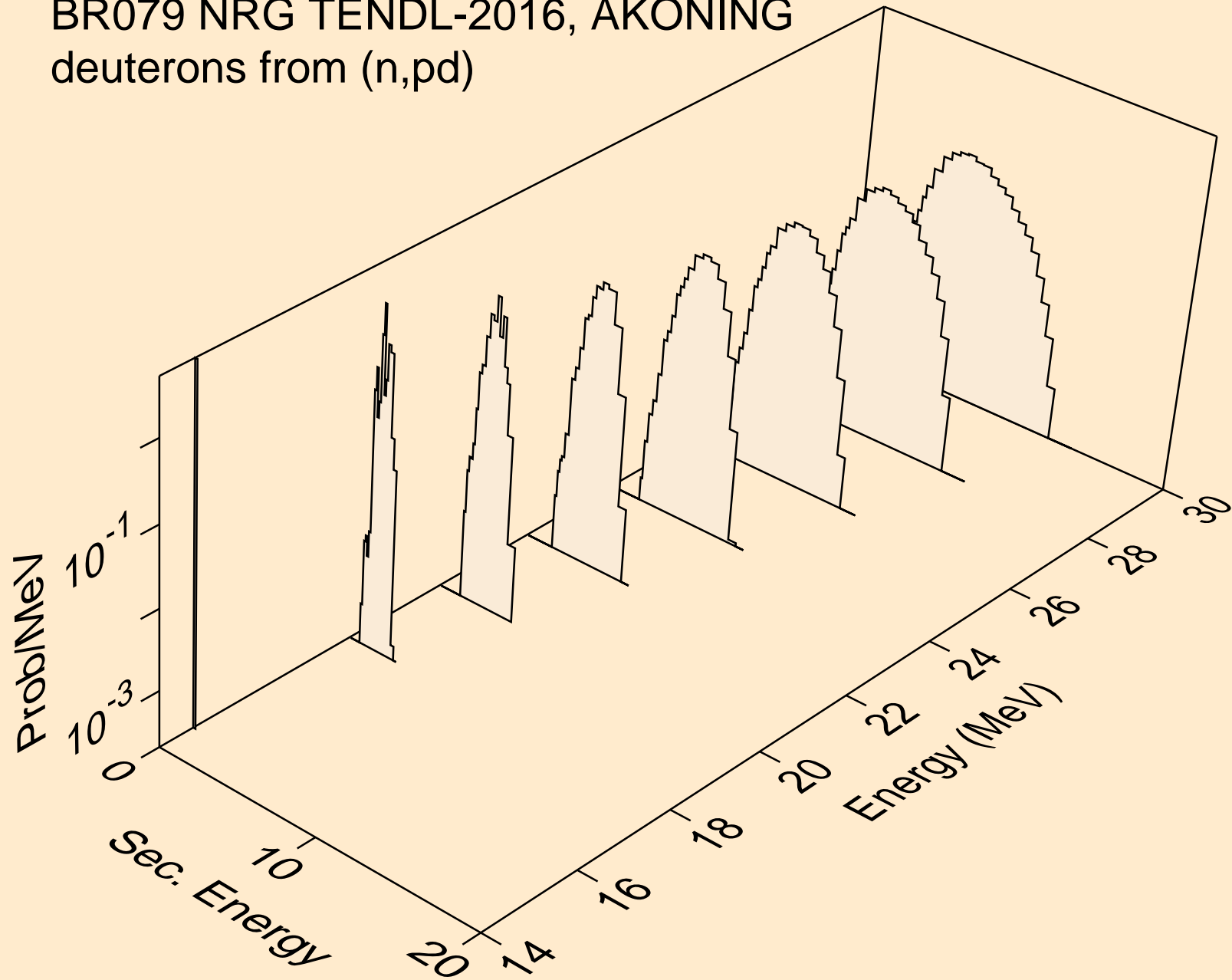
BR079 NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d



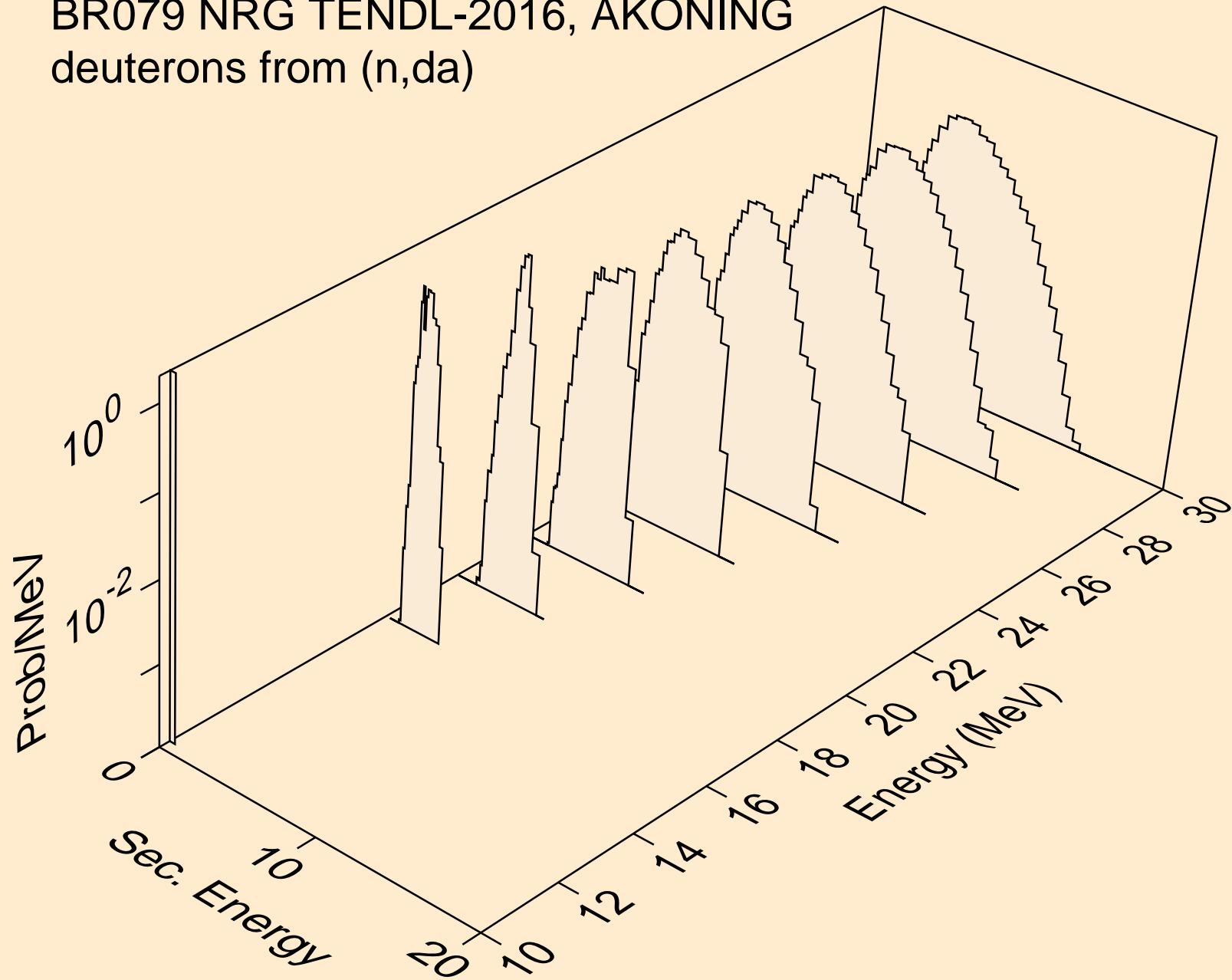
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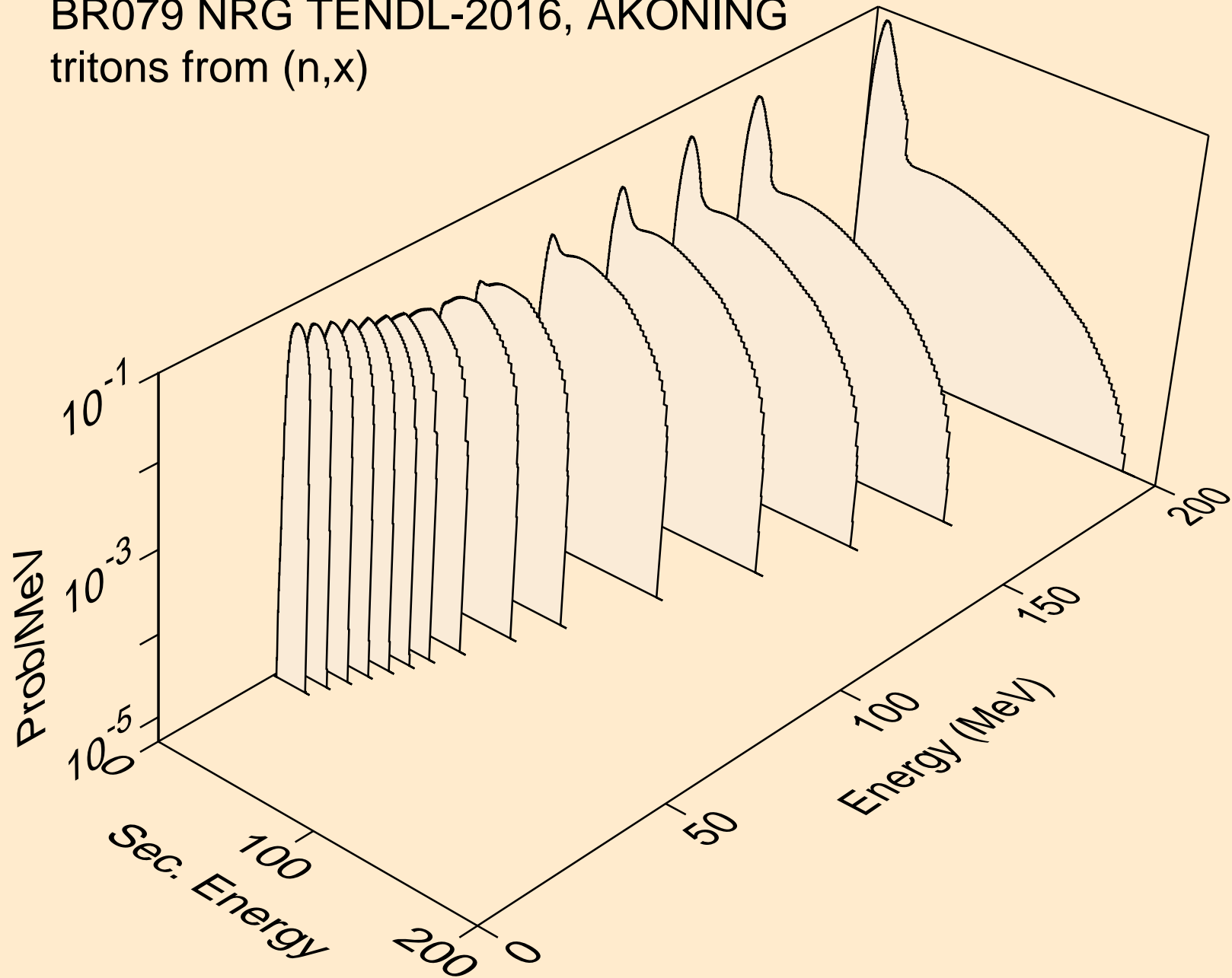
BR079 NRG TENDL-2016, AKONING  
deuterons from (n,pd)



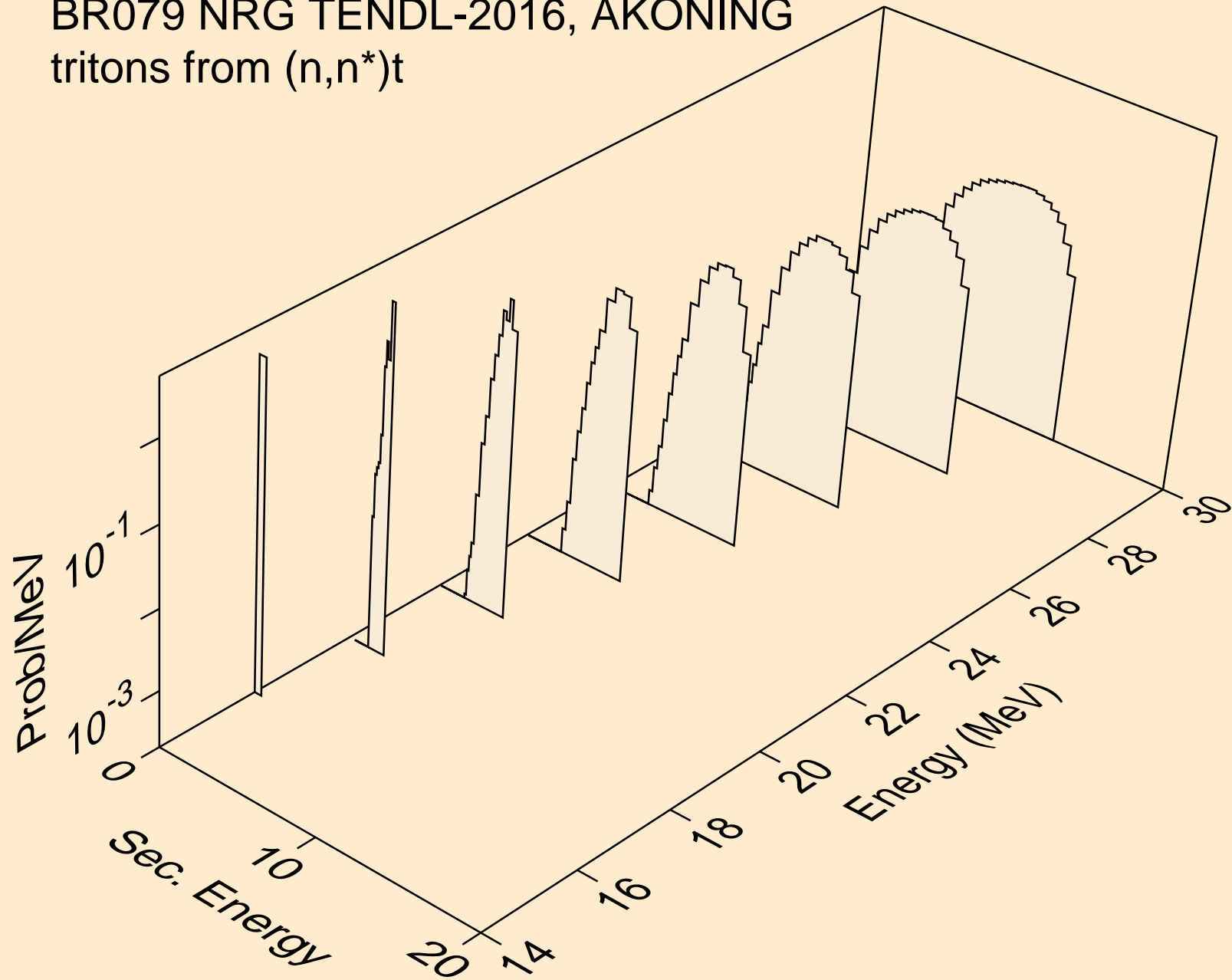
BR079 NRG TENDL-2016, AKONING  
deuterons from (n,da)



BR079 NRG TENDL-2016, AKONING  
tritons from (n,x)

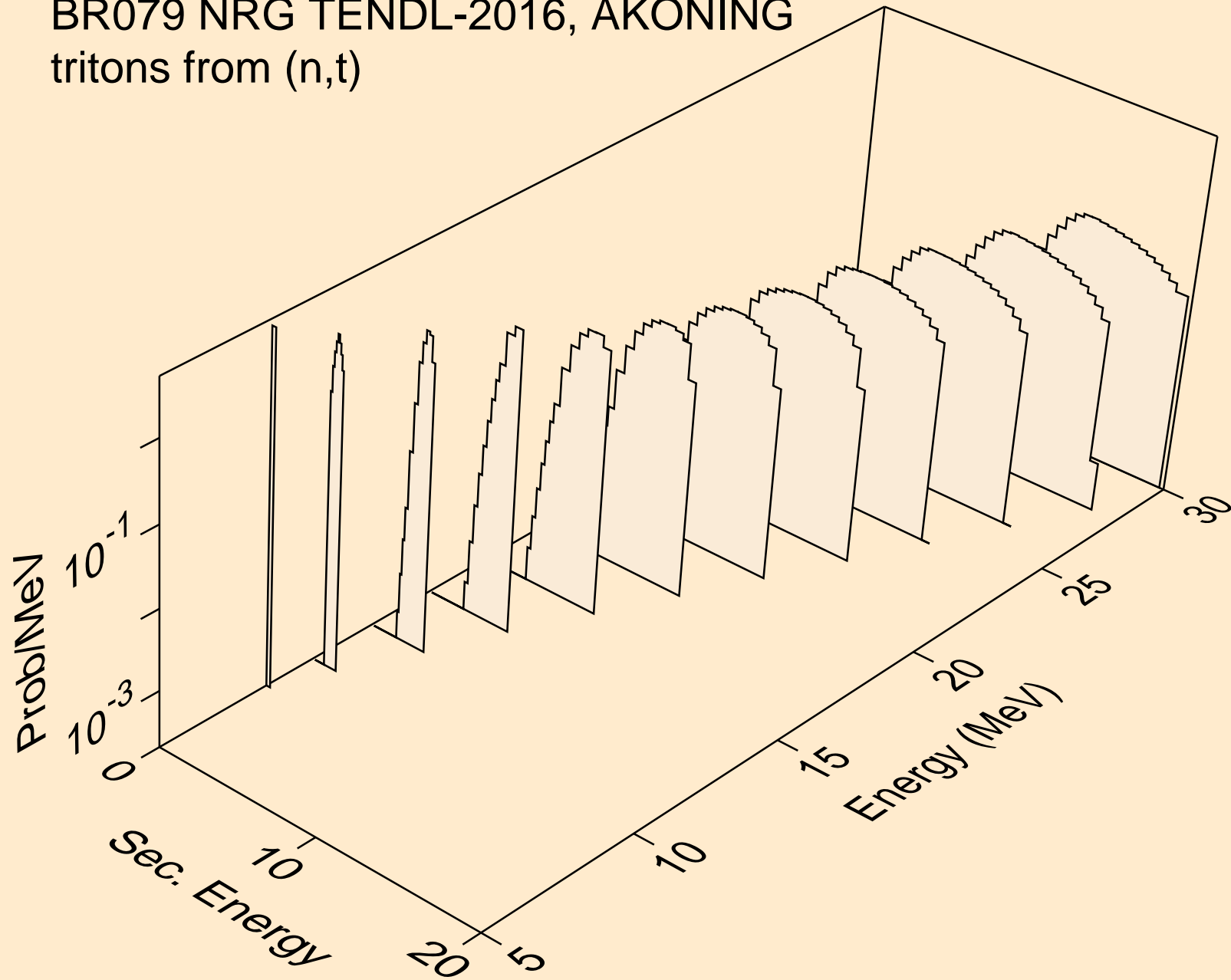


BR079 NRG TENDL-2016, AKONING  
tritons from (n,n\*)t

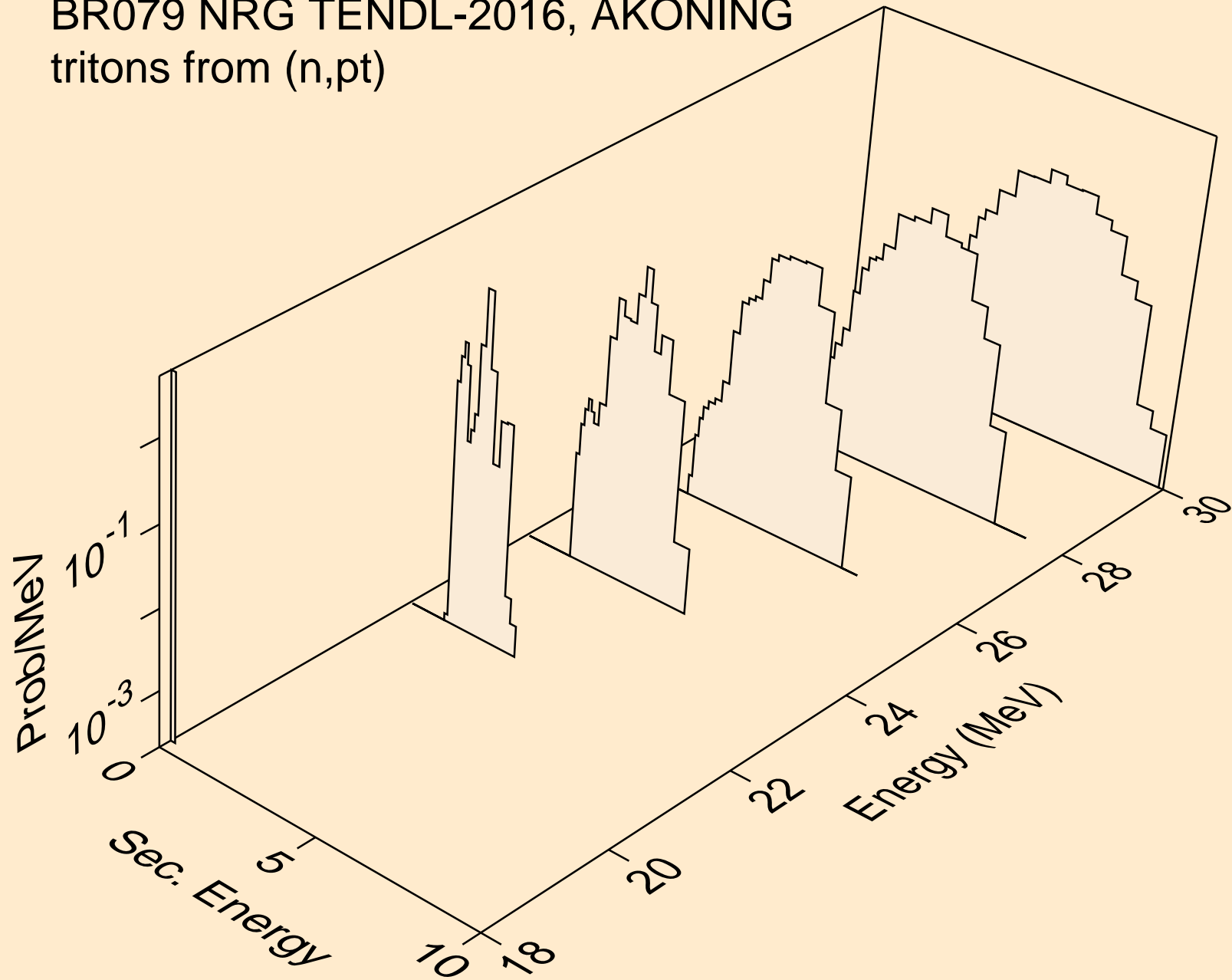




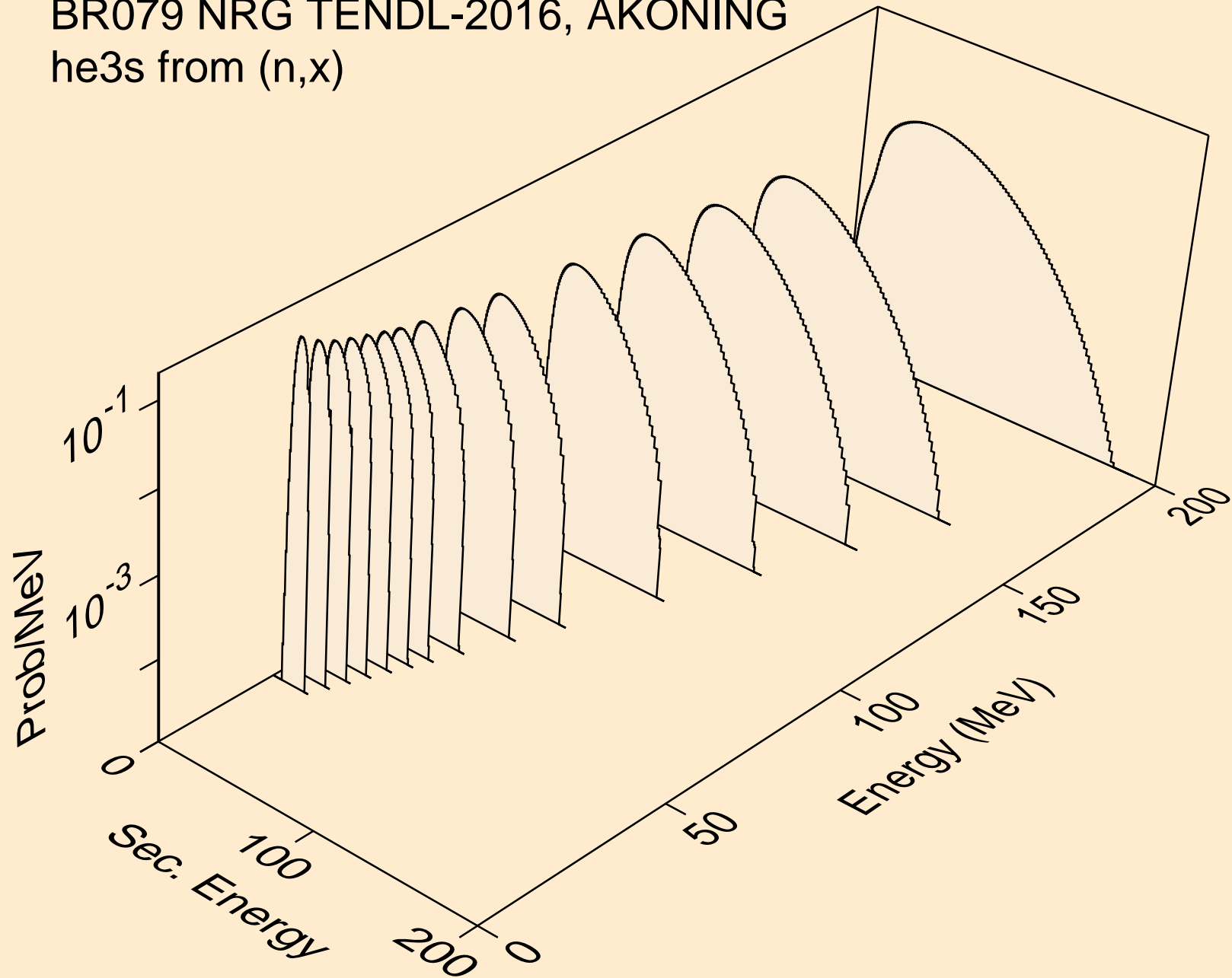
BR079 NRG TENDL-2016, AKONING  
tritons from (n,t)



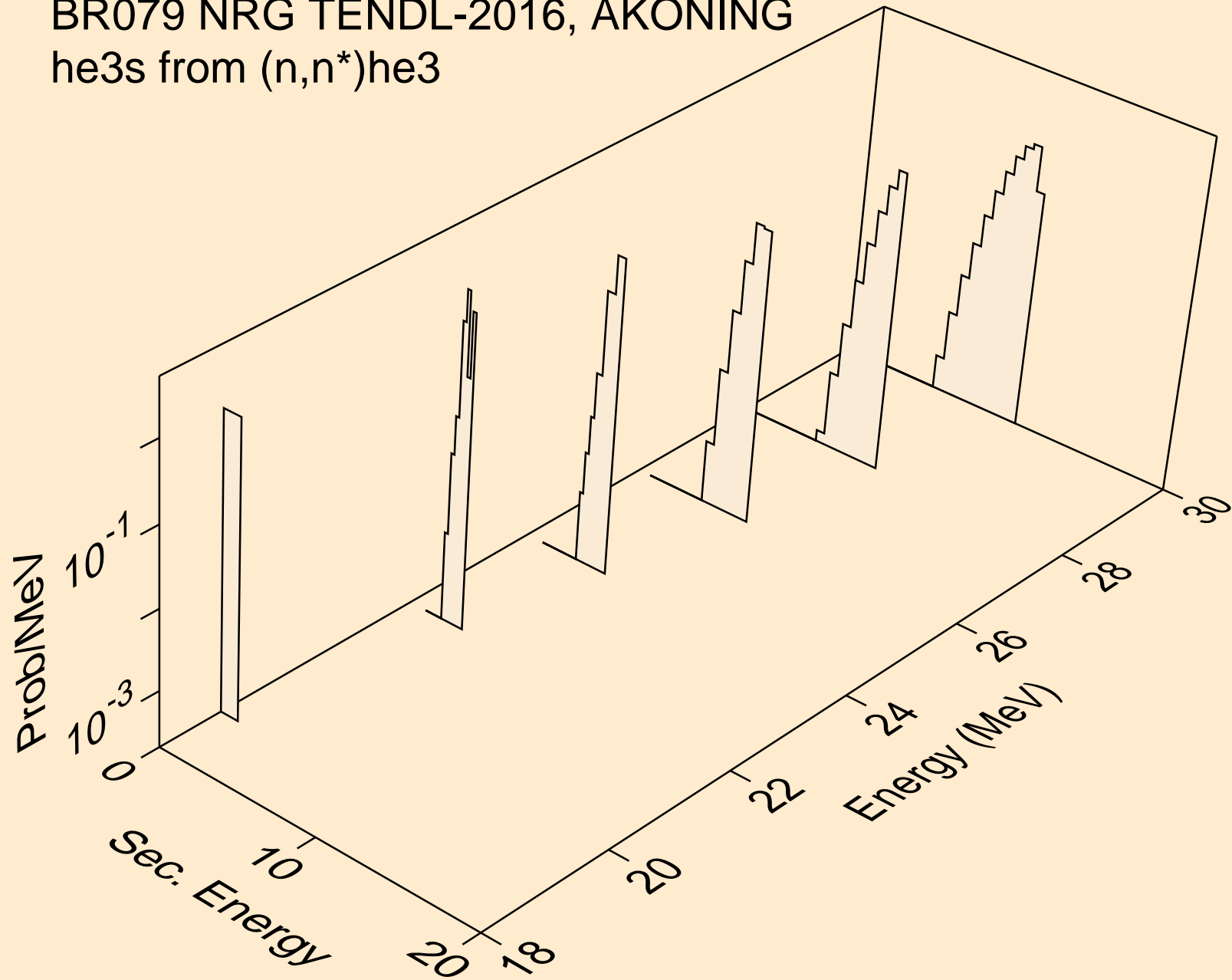
BR079 NRG TENDL-2016, AKONING  
tritons from (n,pt)



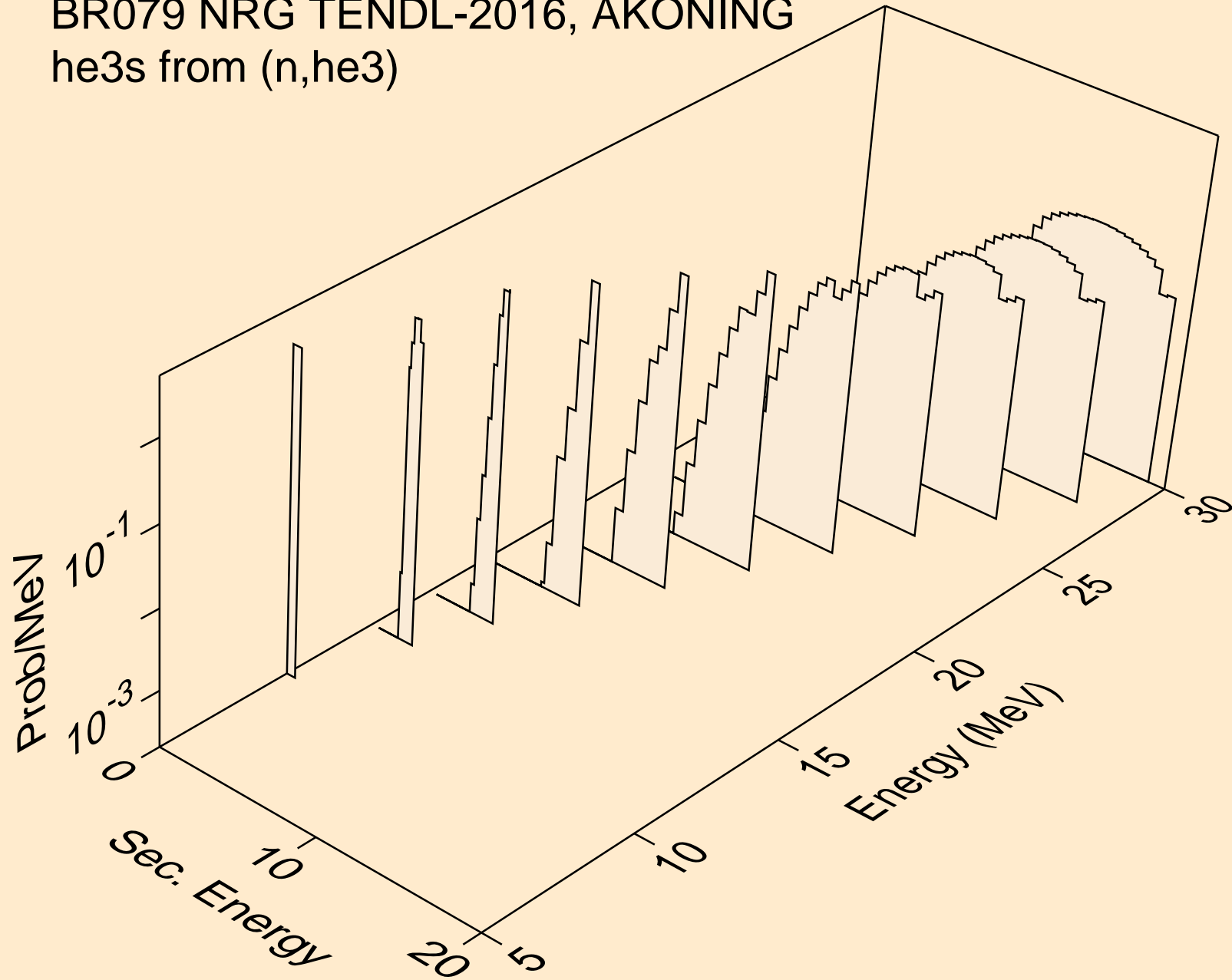
BR079 NRG TENDL-2016, AKONING  
he3s from (n,x)



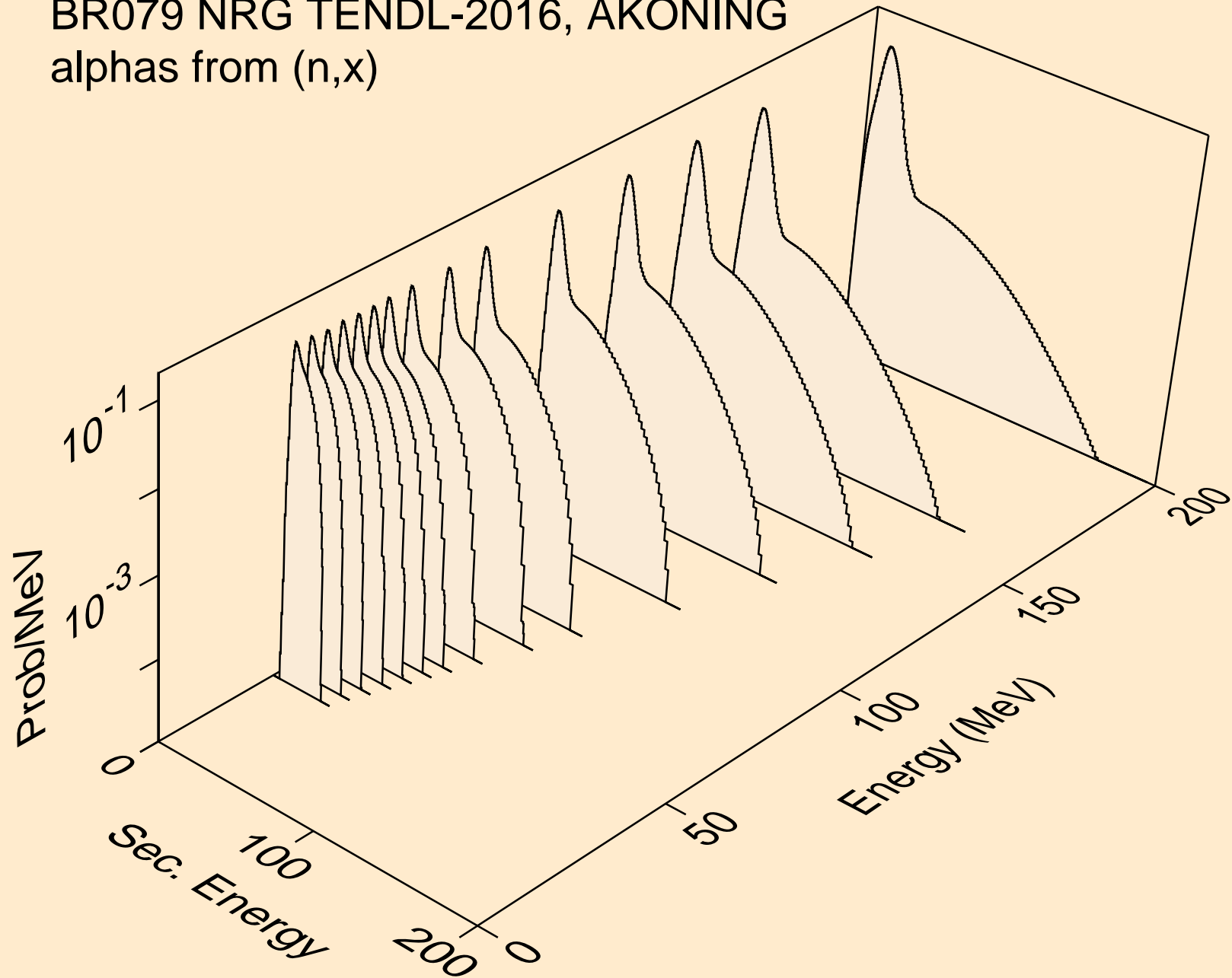
BR079 NRG TENDL-2016, AKONING  
he3s from (n,n\*)he3



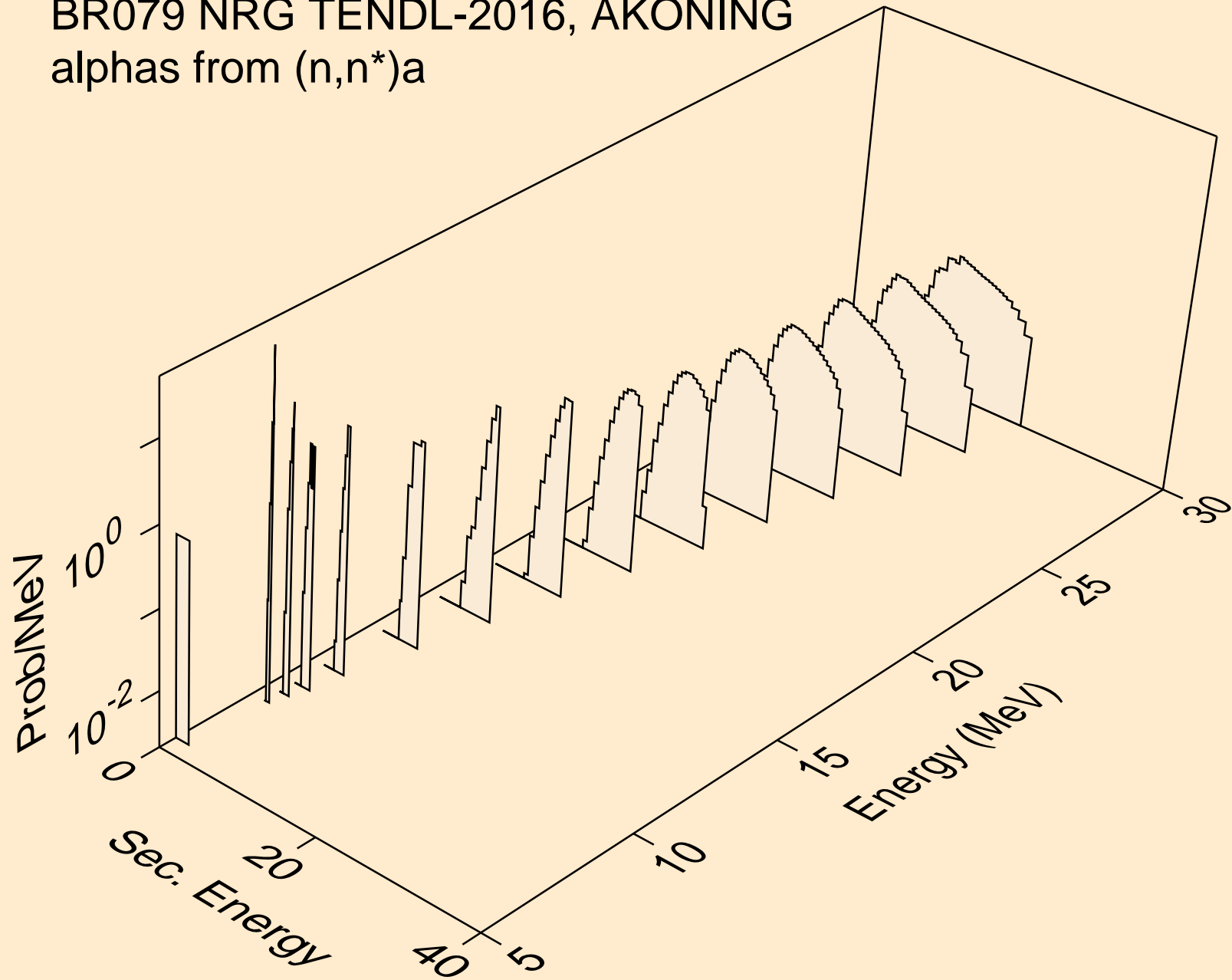
BR079 NRG TENDL-2016, AKONING  
he3s from (n,he3)



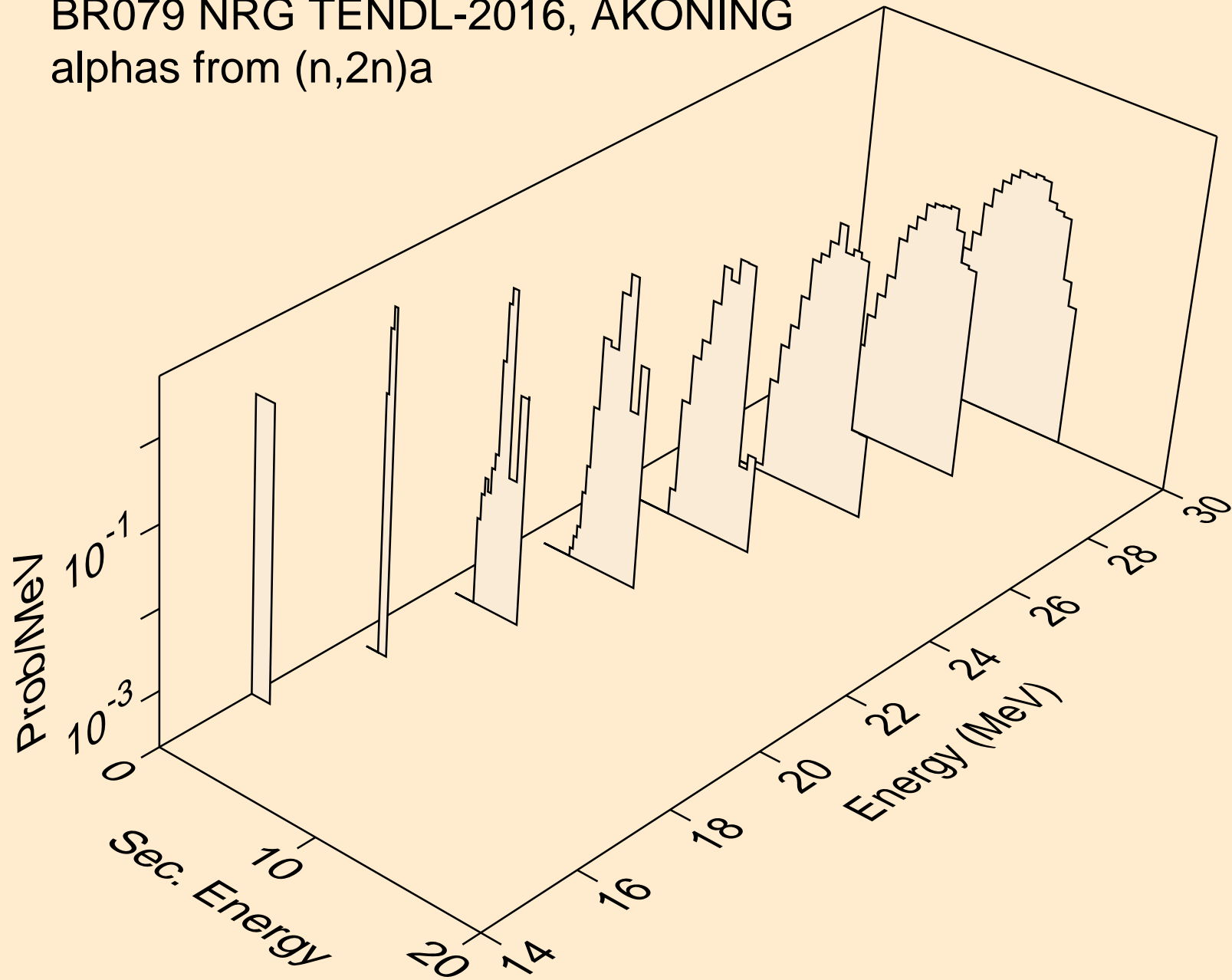
BR079 NRG TENDL-2016, AKONING  
alphas from (n,x)



BR079 NRG TENDL-2016, AKONING  
alphas from (n,n\*)a

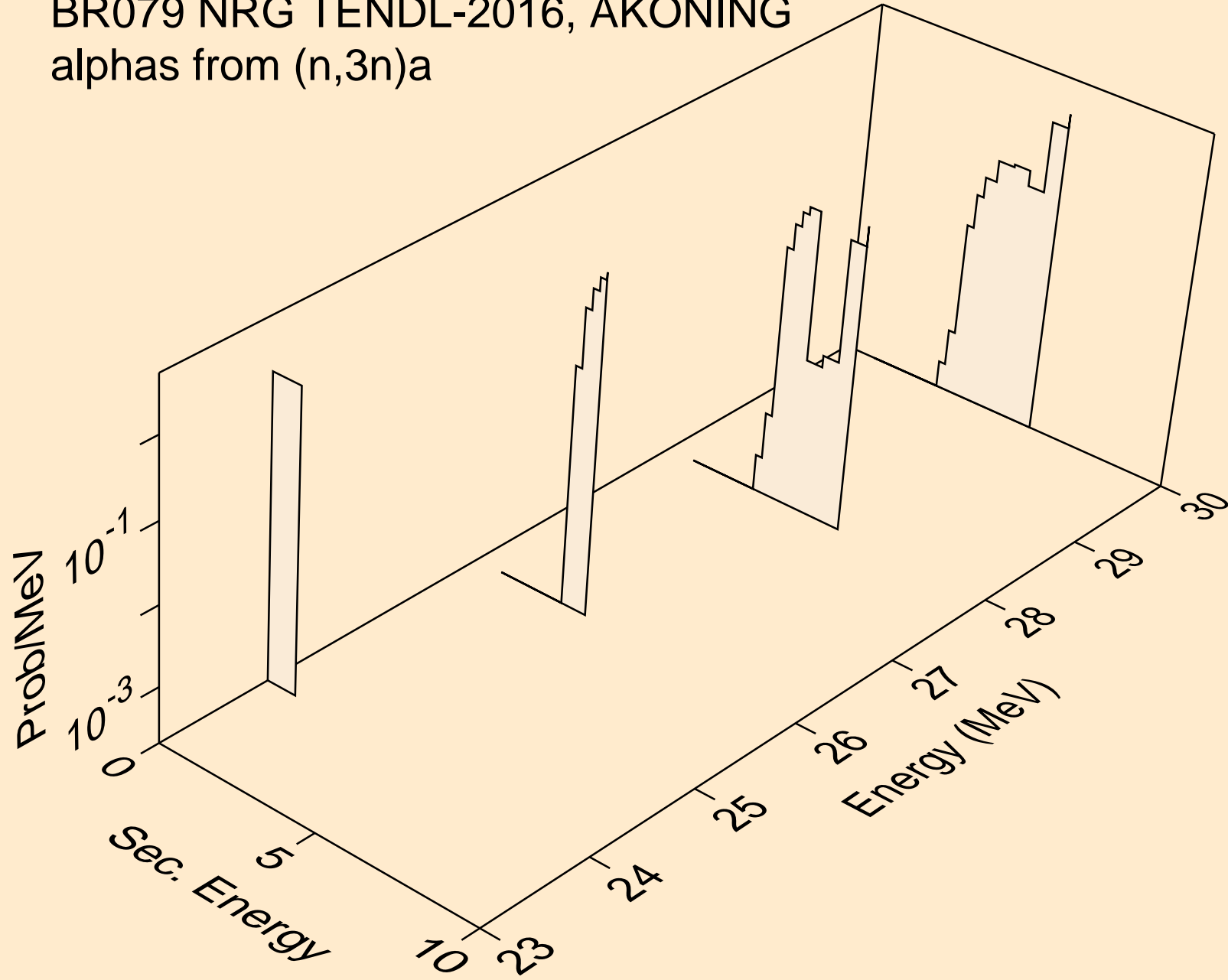


BR079 NRG TENDL-2016, AKONING  
alphas from (n,2n)a

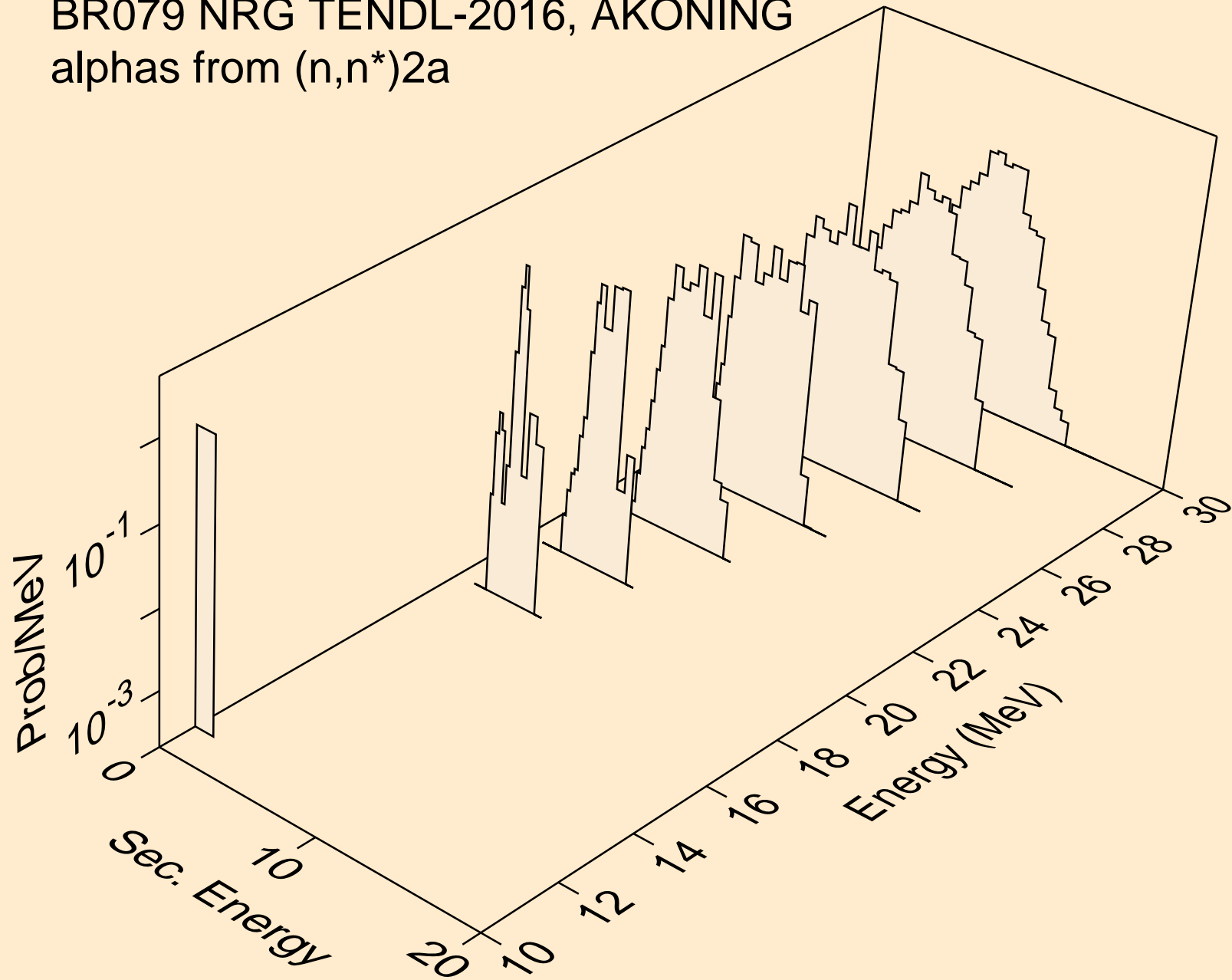




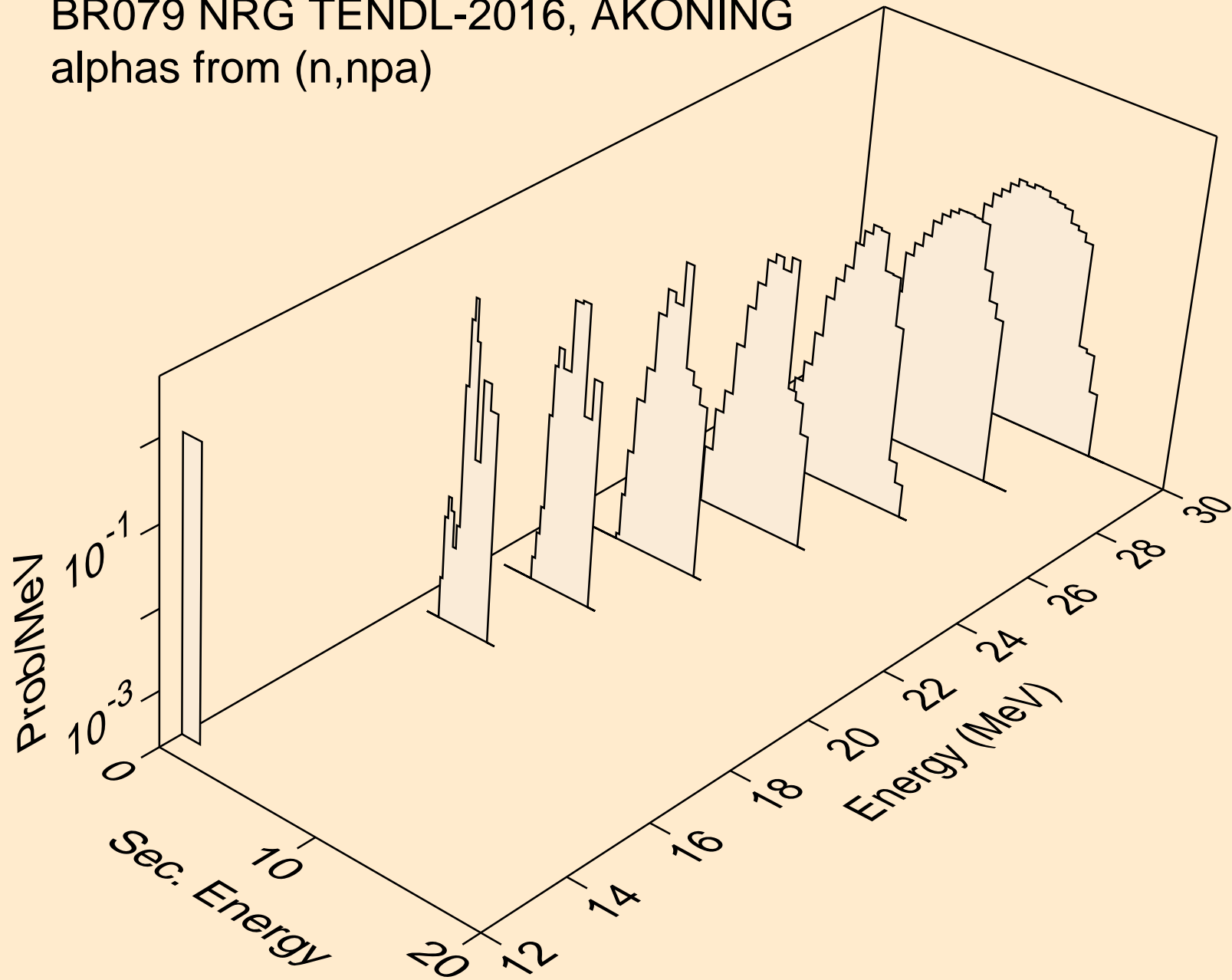
BR079 NRG TENDL-2016, AKONING  
alphas from (n,3n)a



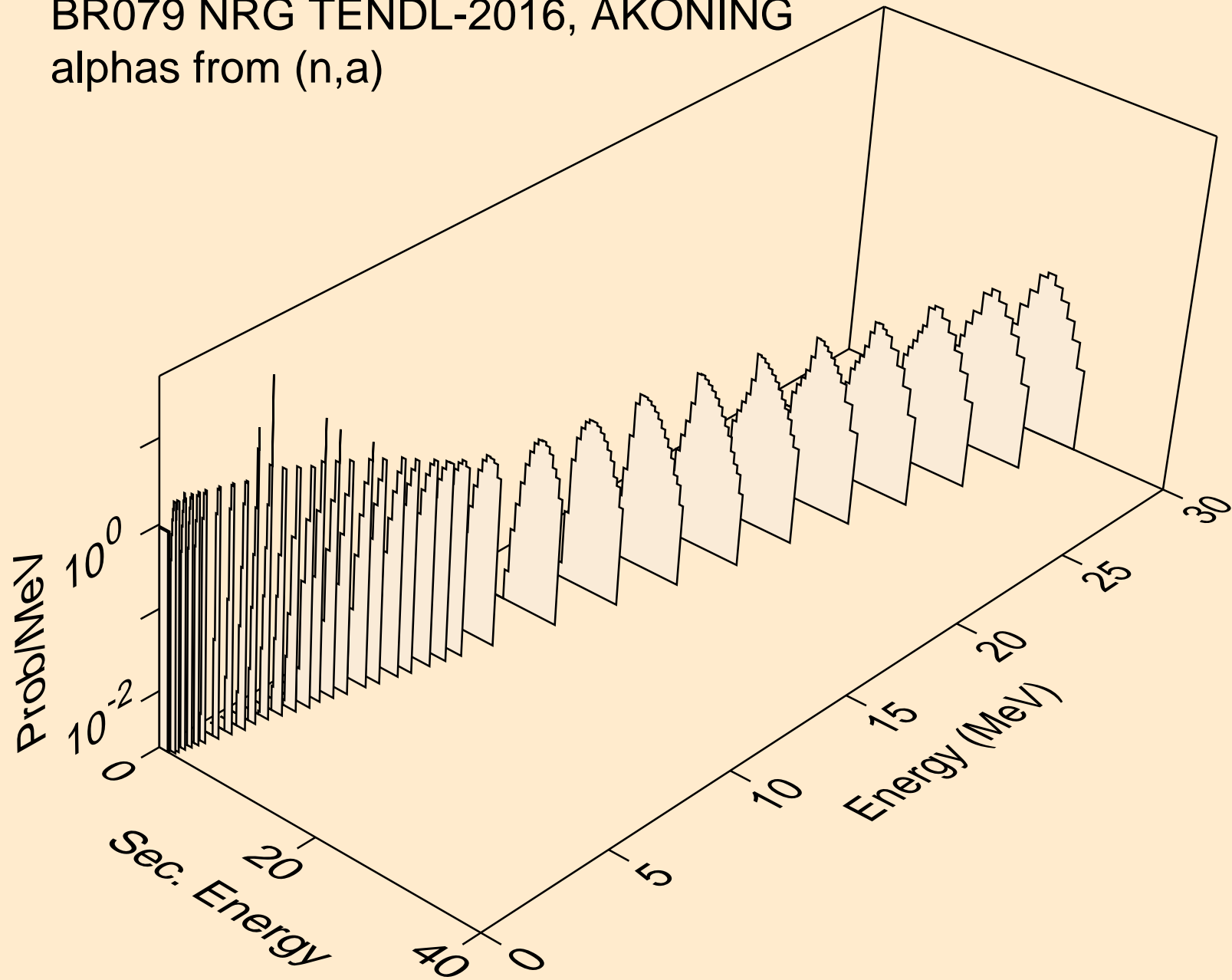
BR079 NRG TENDL-2016, AKONING  
alphas from (n,n\*)2a



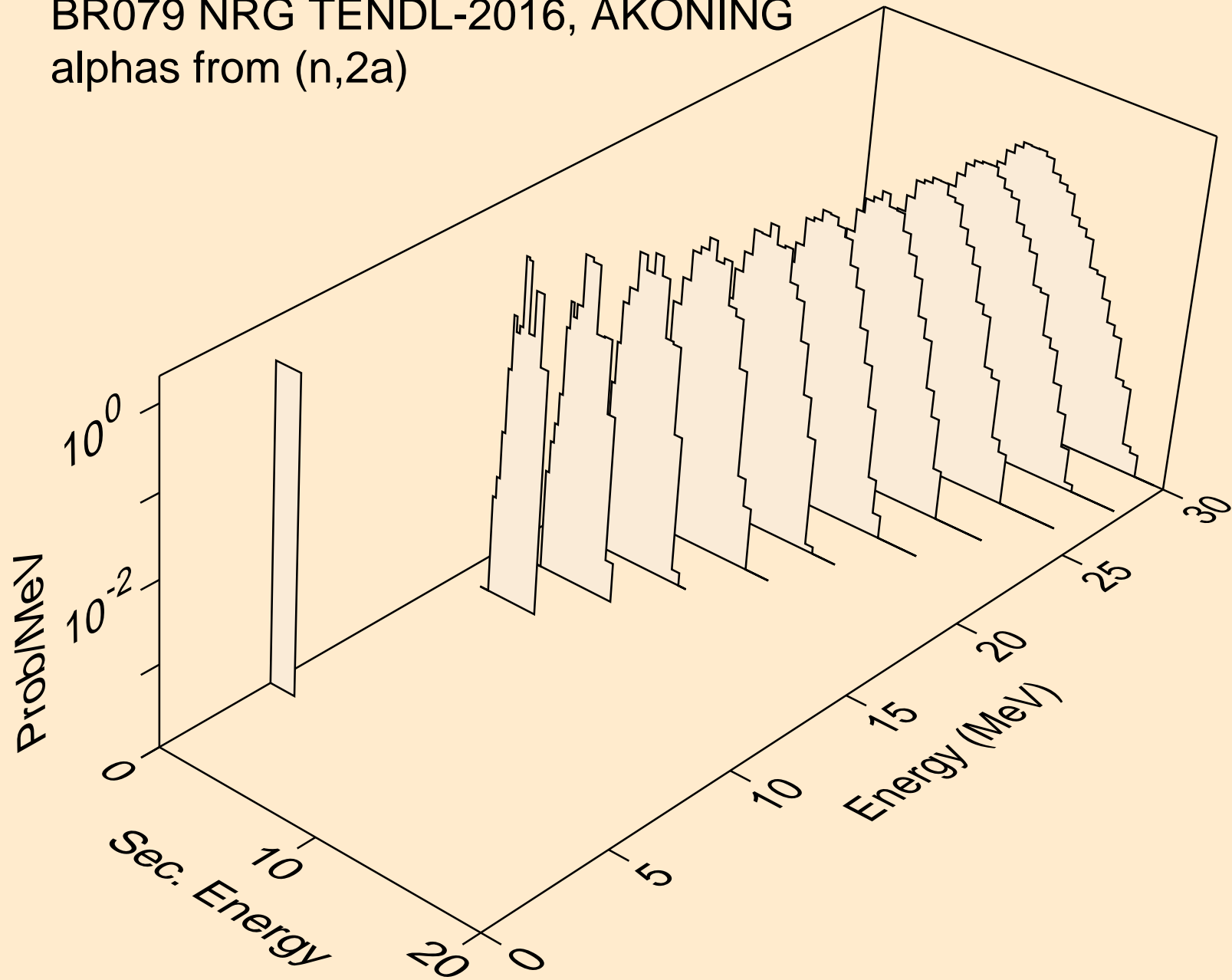
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alphas from (n,npa)



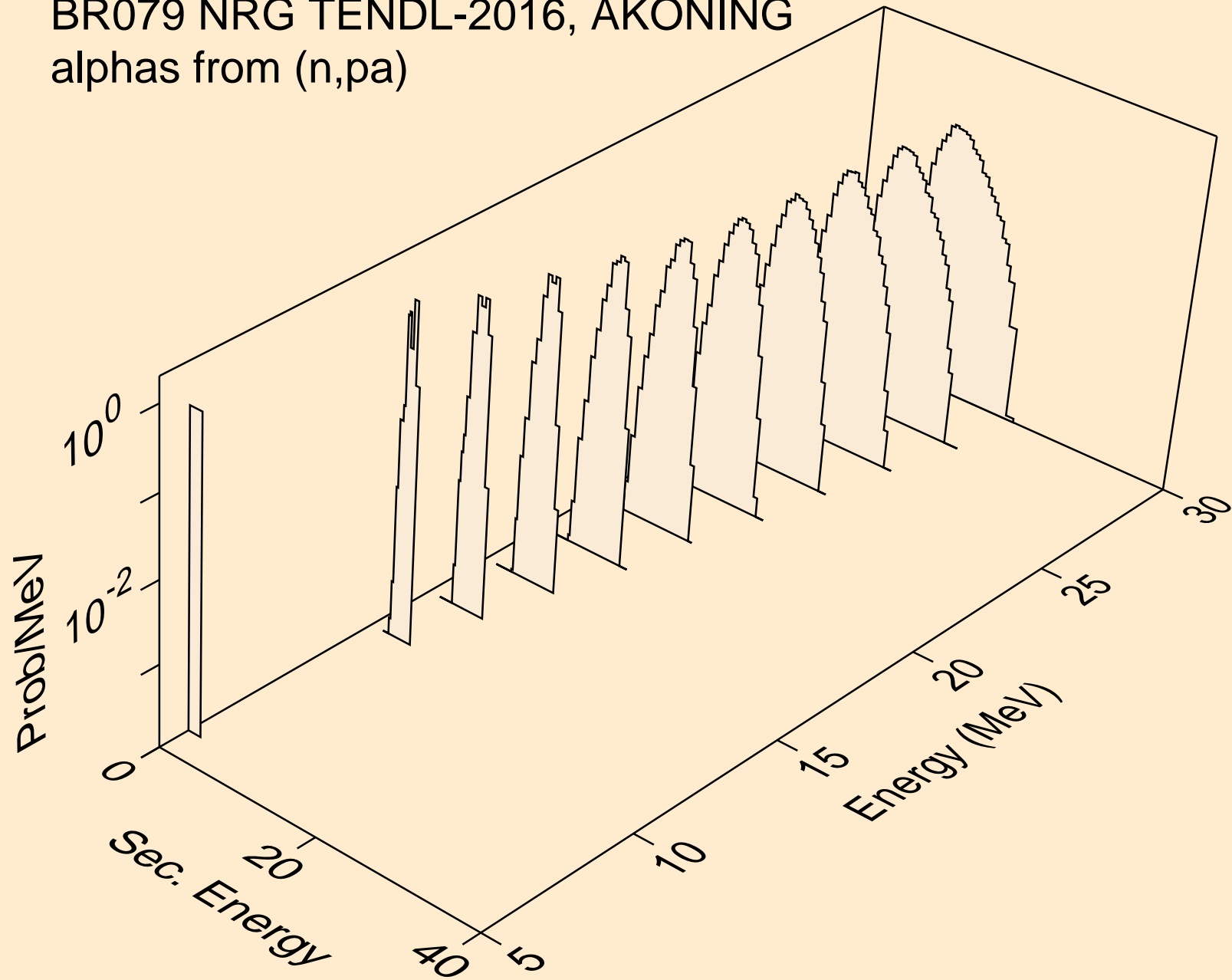
BR079 NRG TENDL-2016, AKONING  
alphas from (n,a)



BR079 NRG TENDL-2016, AKONING  
alphas from (n,2a)



BR079 NRG TENDL-2016, AKONING  
alphas from (n,pa)



BR079 NRG TENDL-2016, AKONING  
alphas from (n,da)

