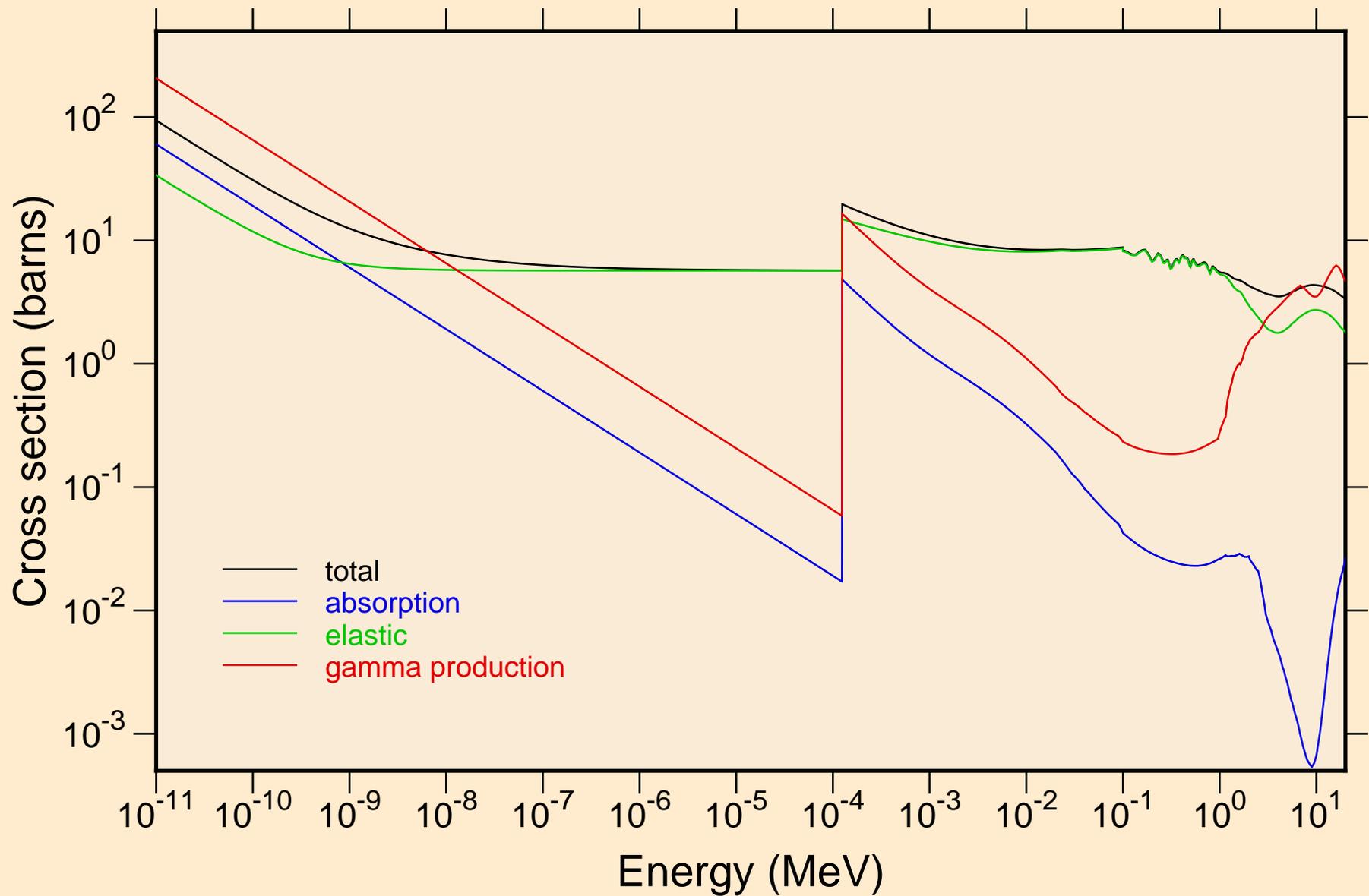
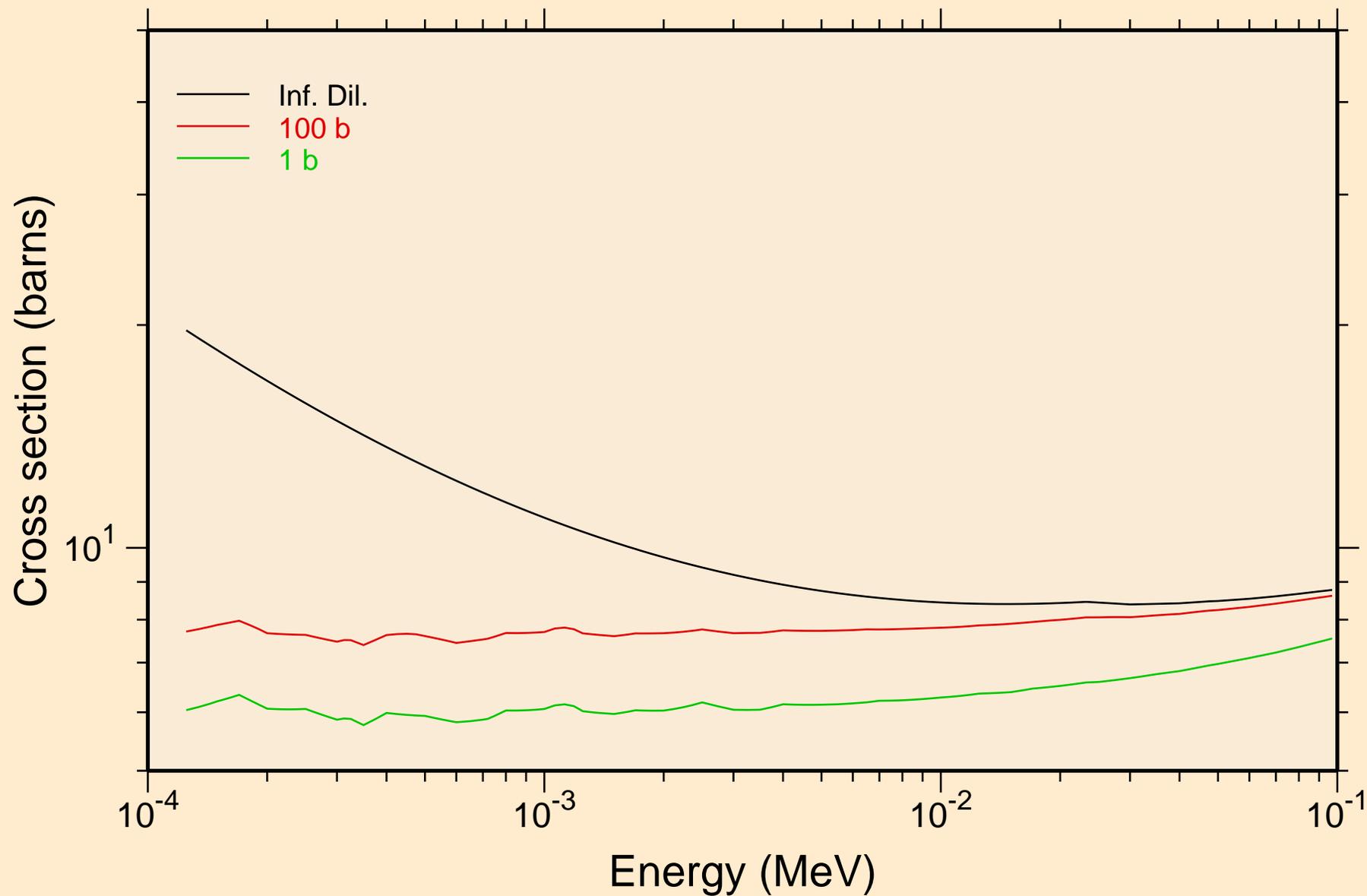


# ENDF/B-VII.1 ZR-95

## Principal cross sections

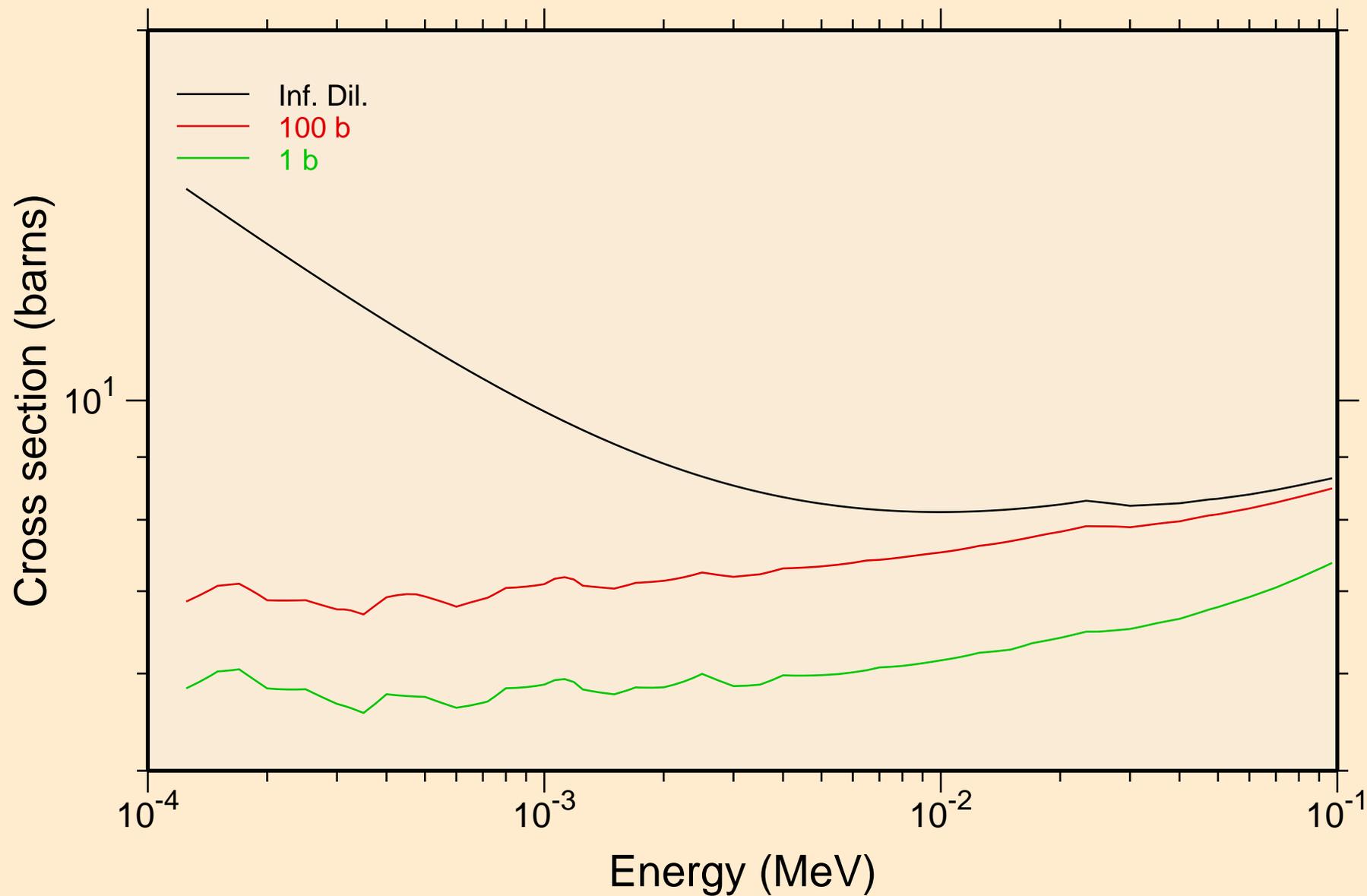


ENDF/B-VII.1 ZR-95  
UR total cross section



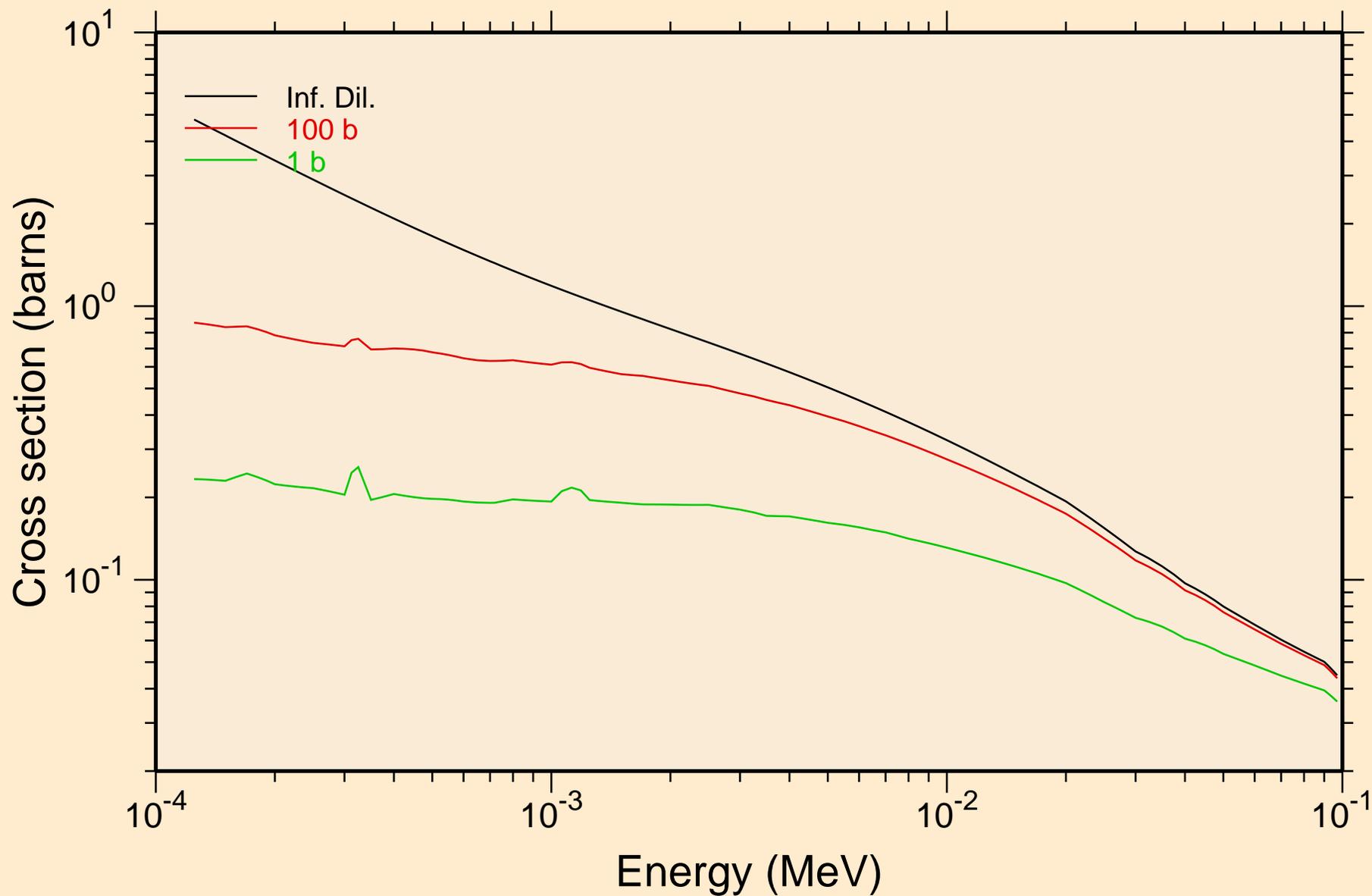
# ENDF/B-VII.1 ZR-95

## UR elastic cross section



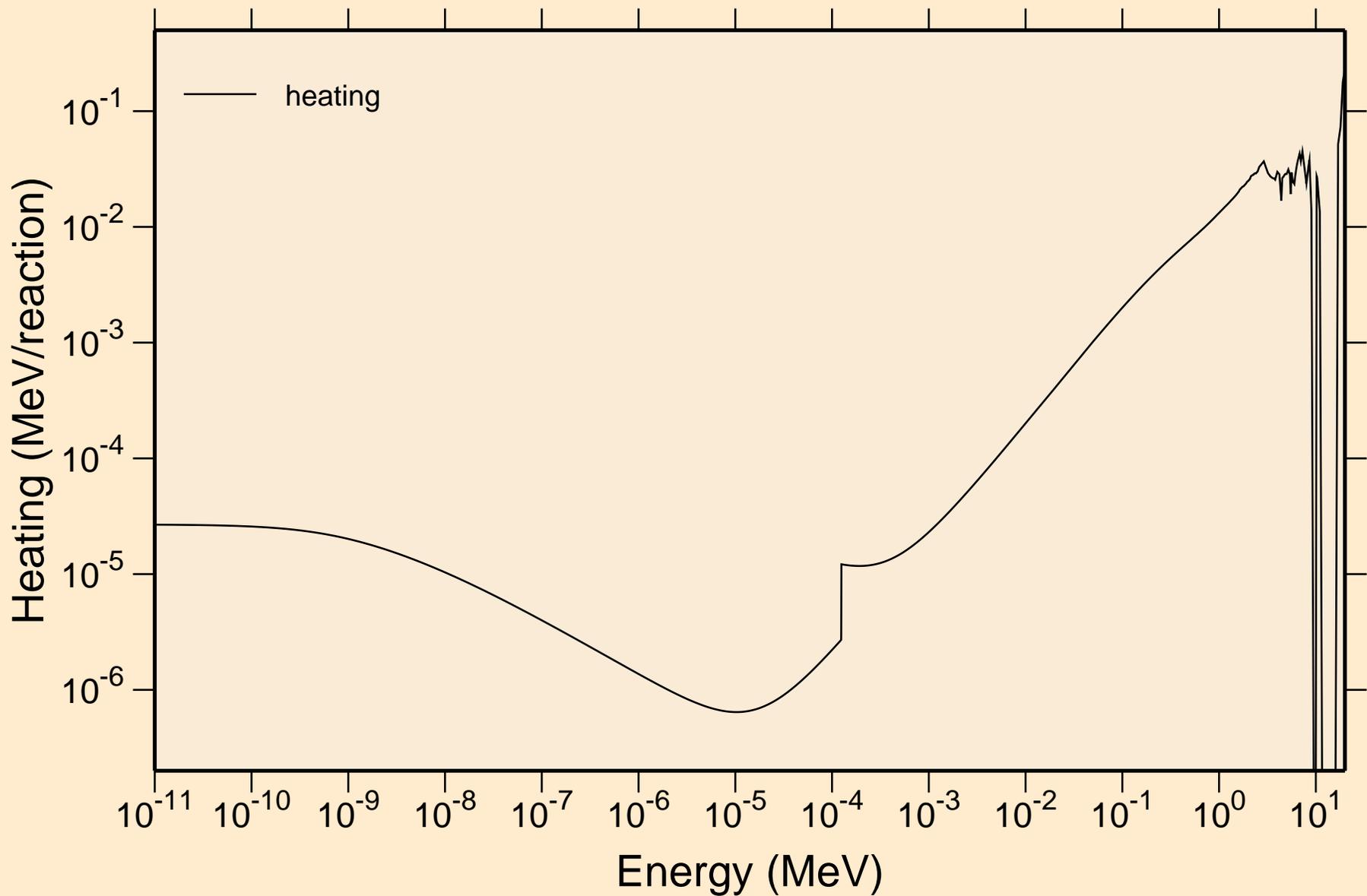
# ENDF/B-VII.1 ZR-95

## UR capture cross section

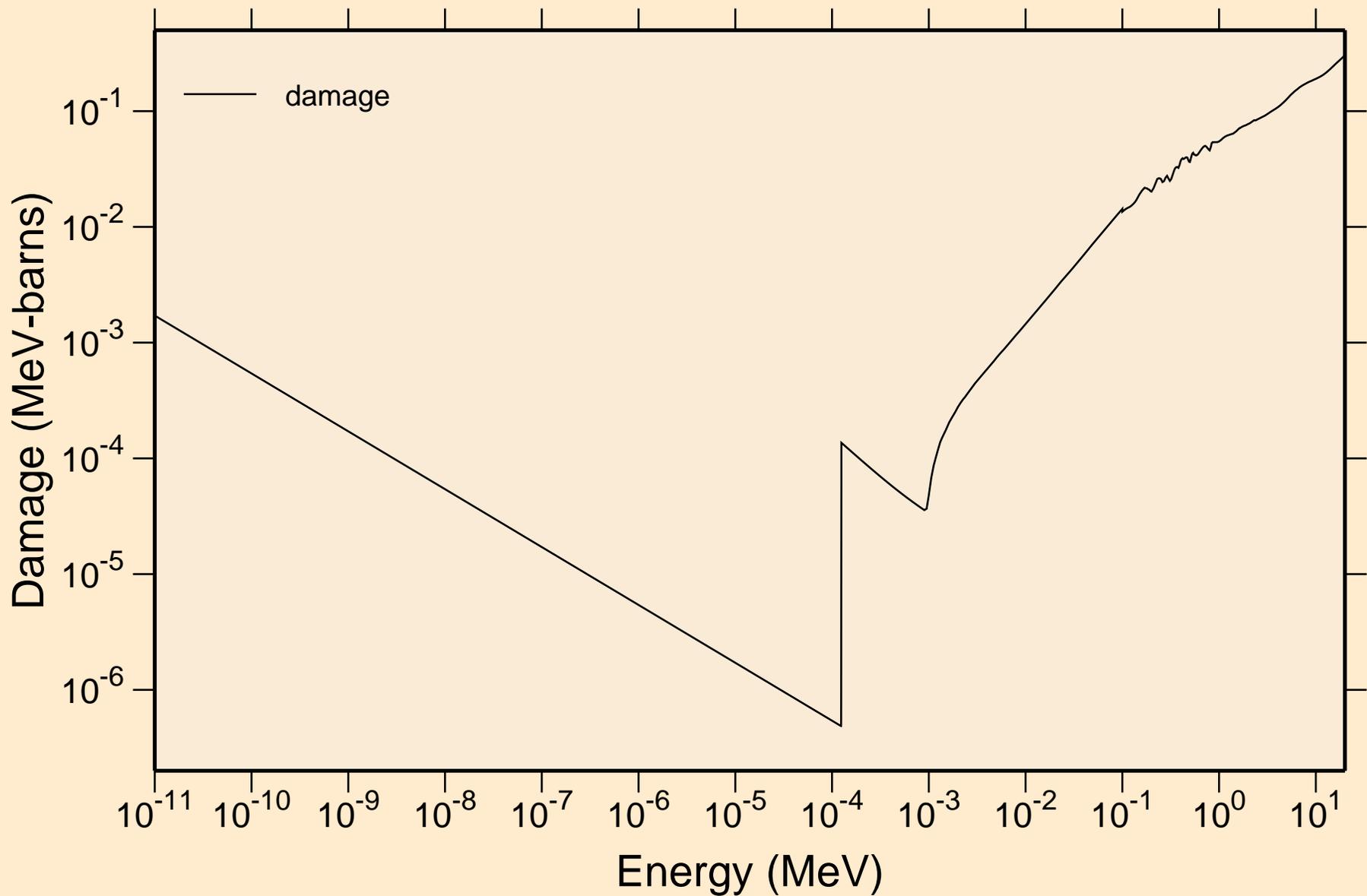


# ENDF/B-VII.1 ZR-95

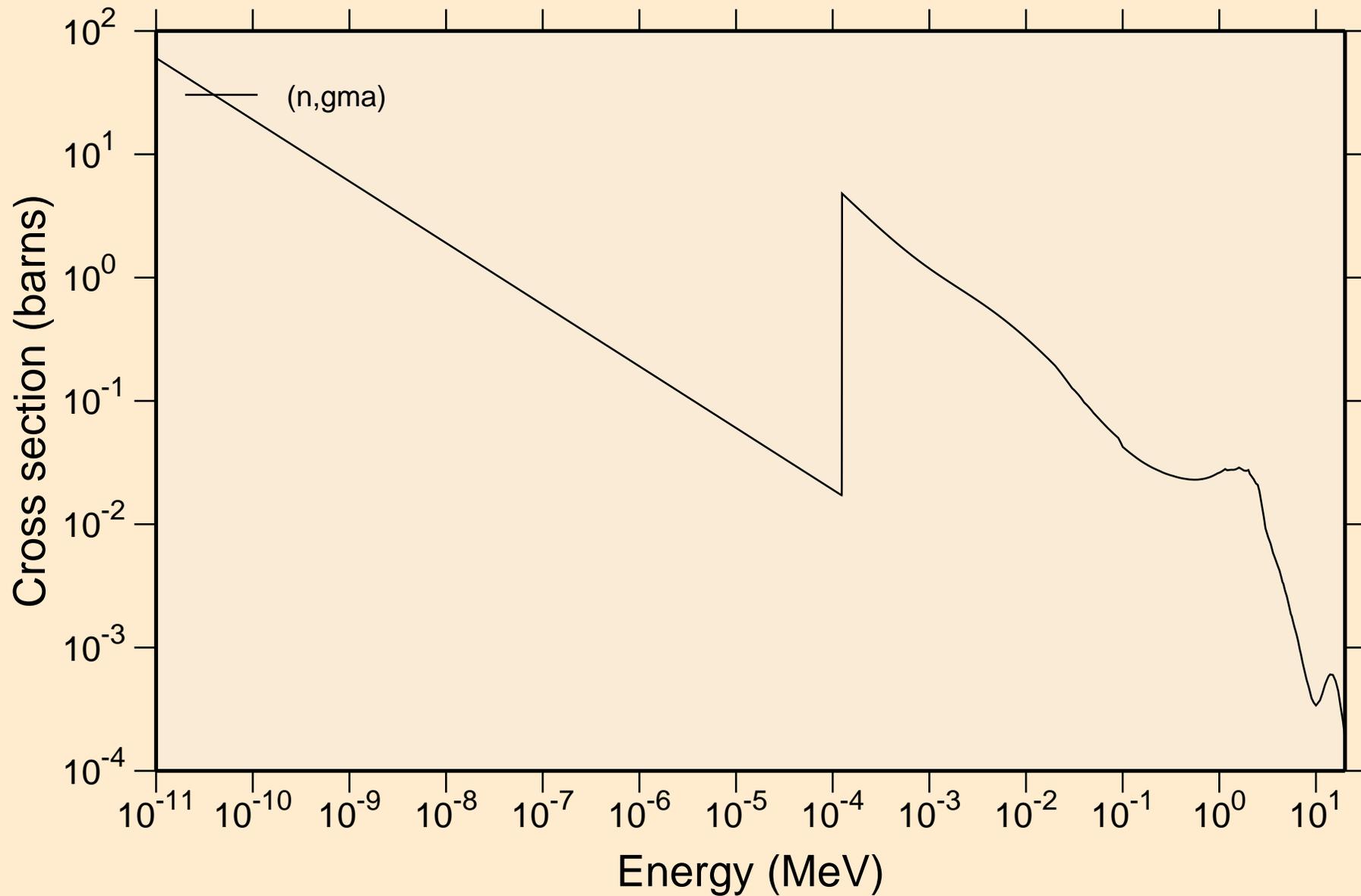
## Heating



# ENDF/B-VII.1 ZR-95 Damage

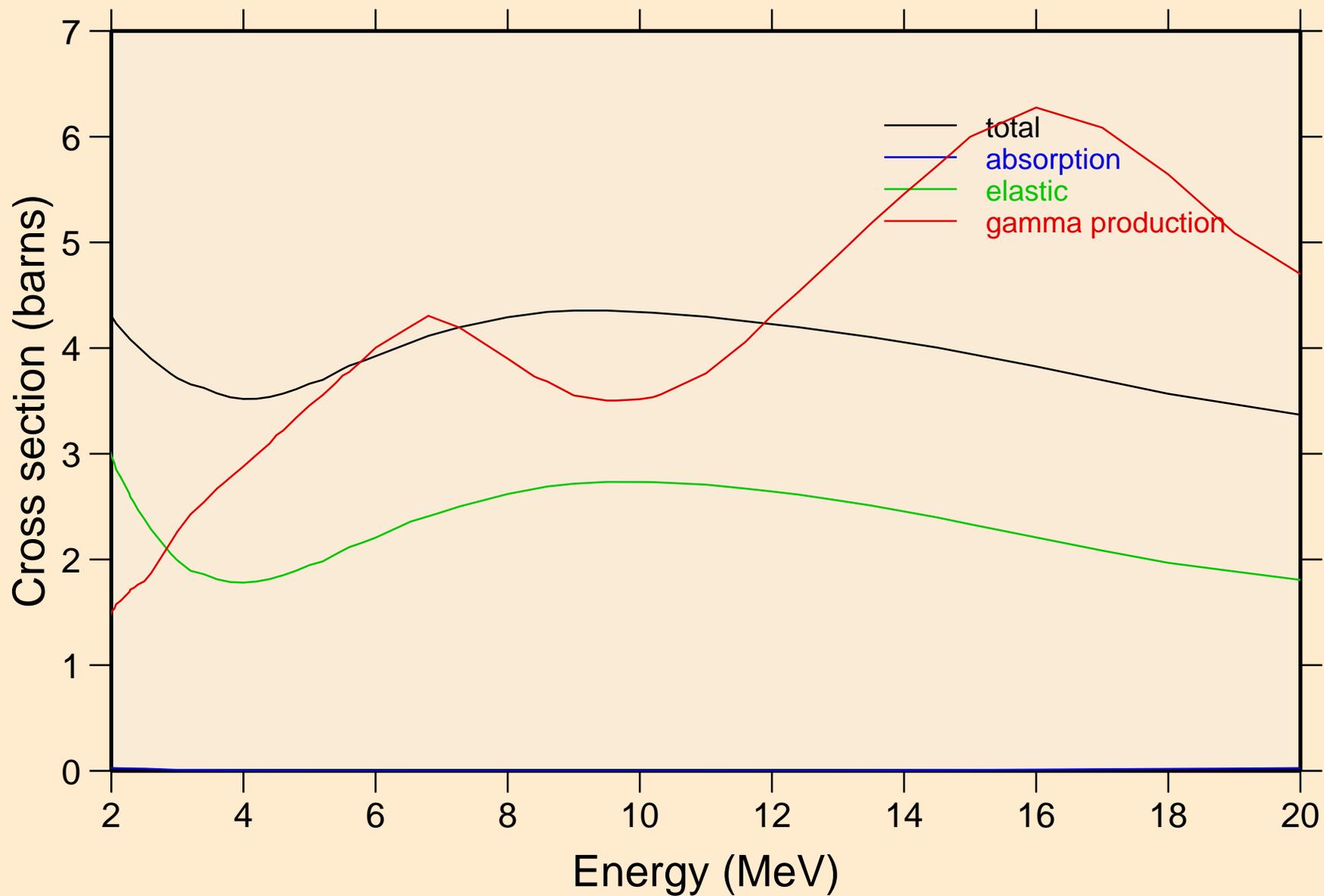


ENDF/B-VII.1 ZR-95  
Non-threshold reactions



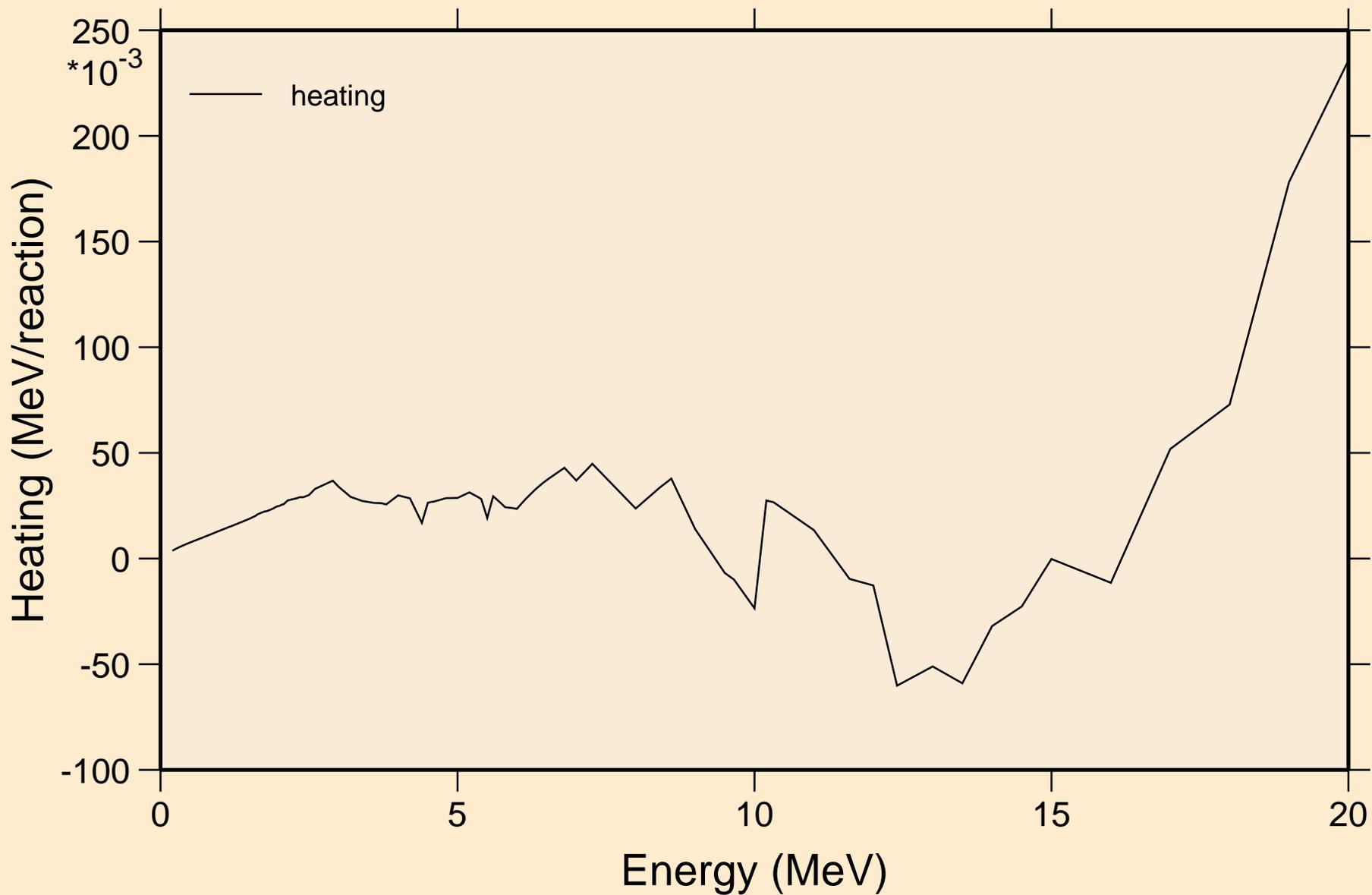
# ENDF/B-VII.1 ZR-95

## Principal cross sections



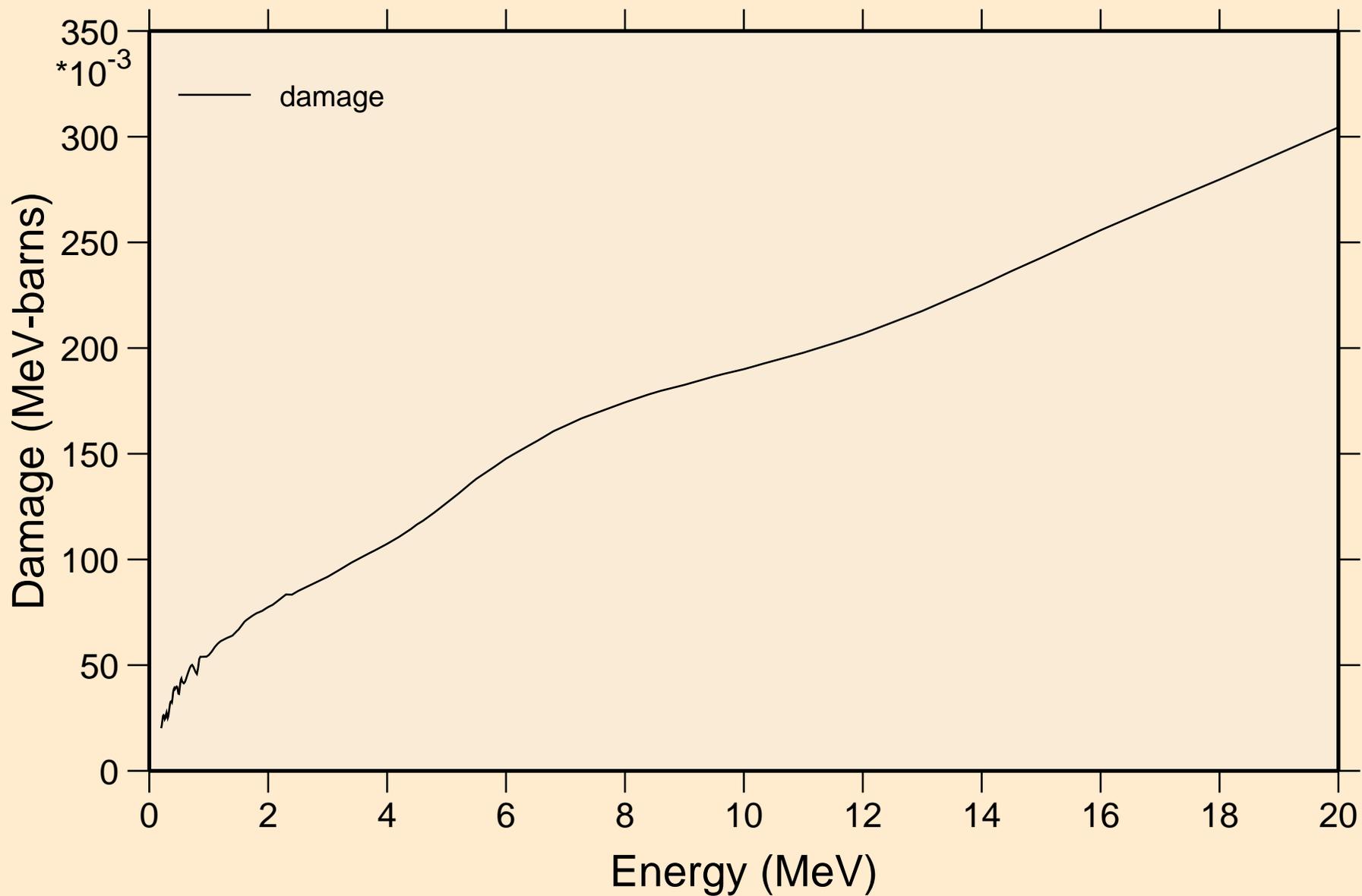
# ENDF/B-VII.1 ZR-95

## Heating

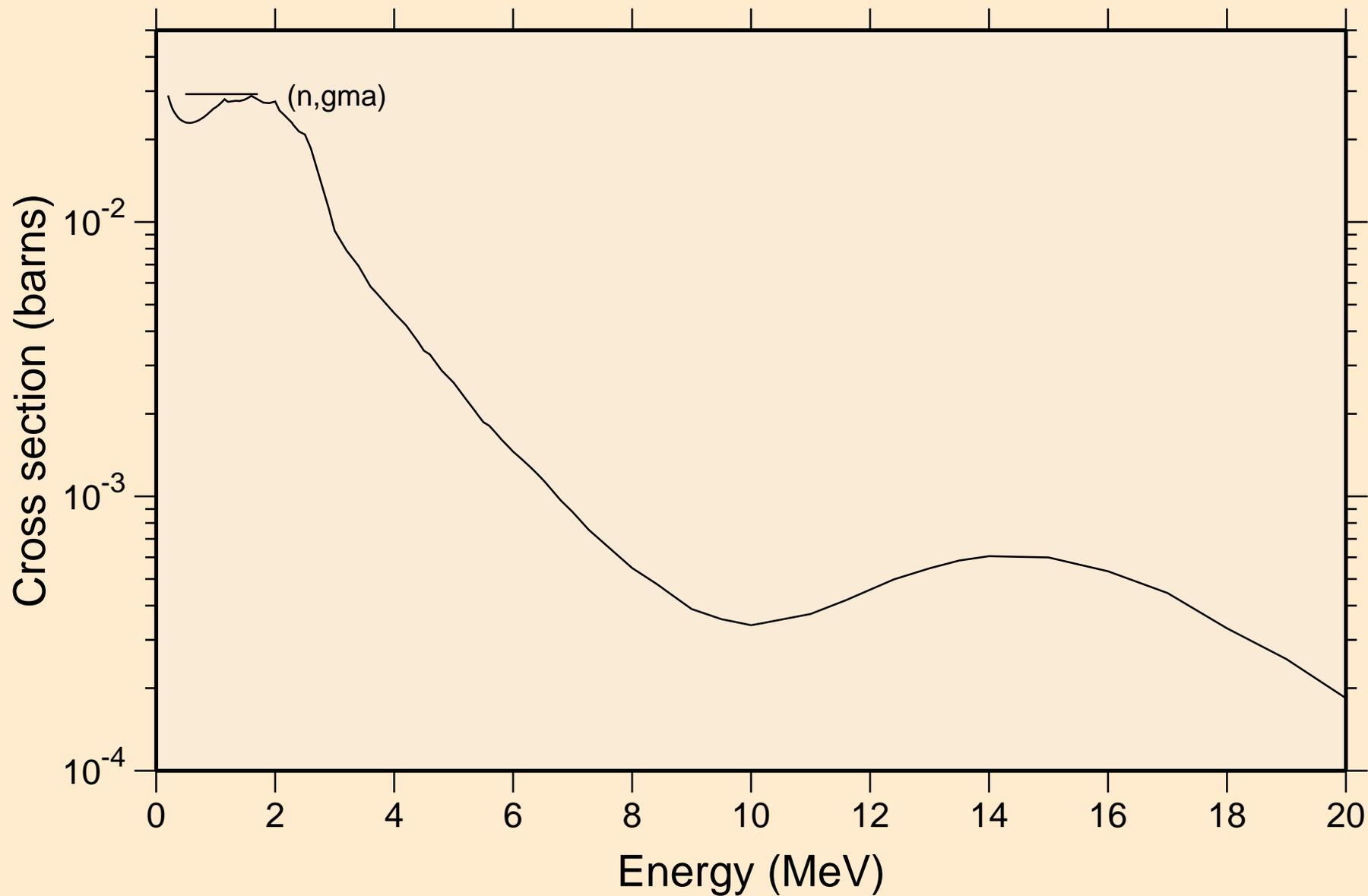


# ENDF/B-VII.1 ZR-95

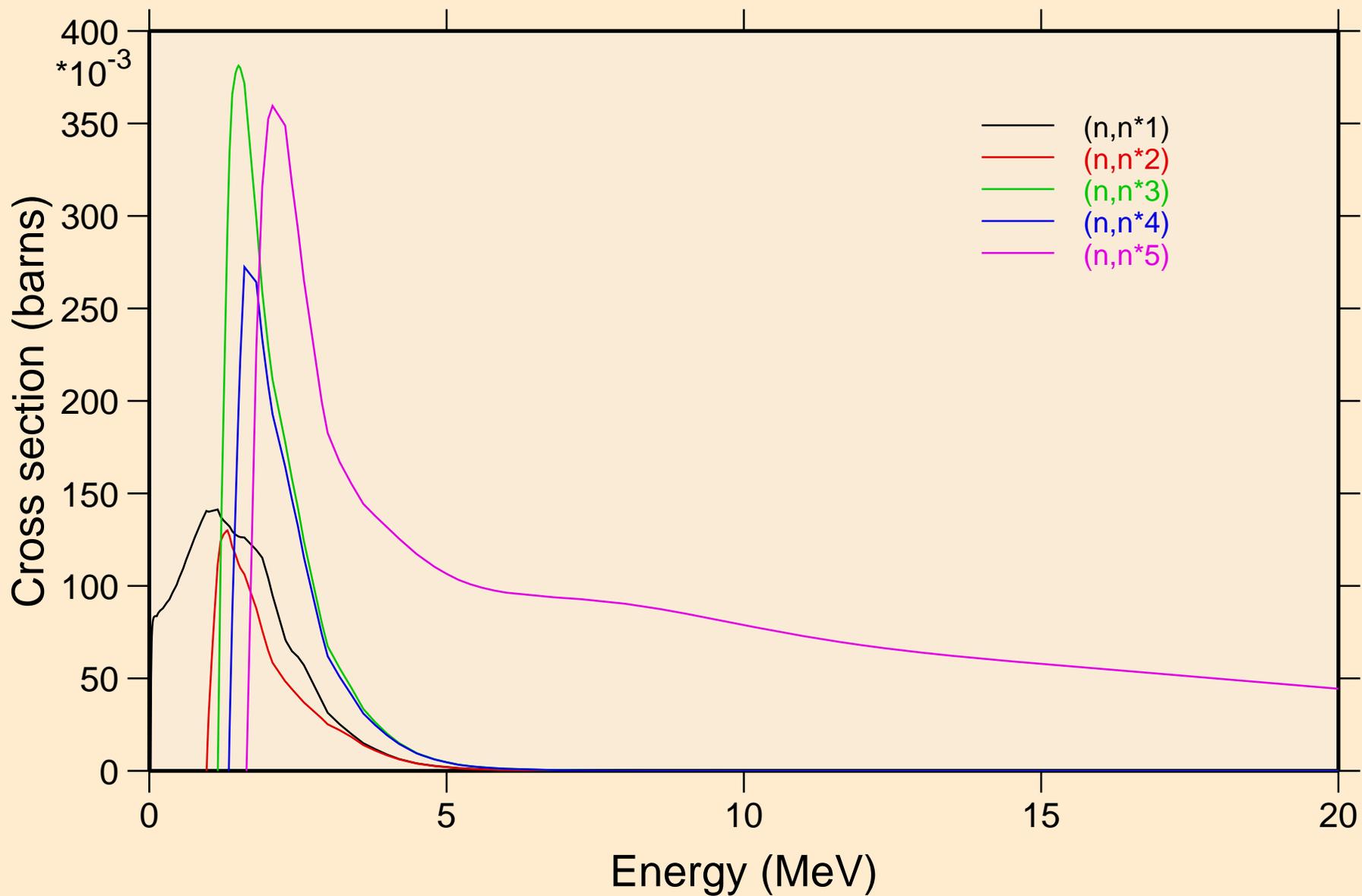
## Damage



ENDF/B-VII.1 ZR-95  
Non-threshold reactions

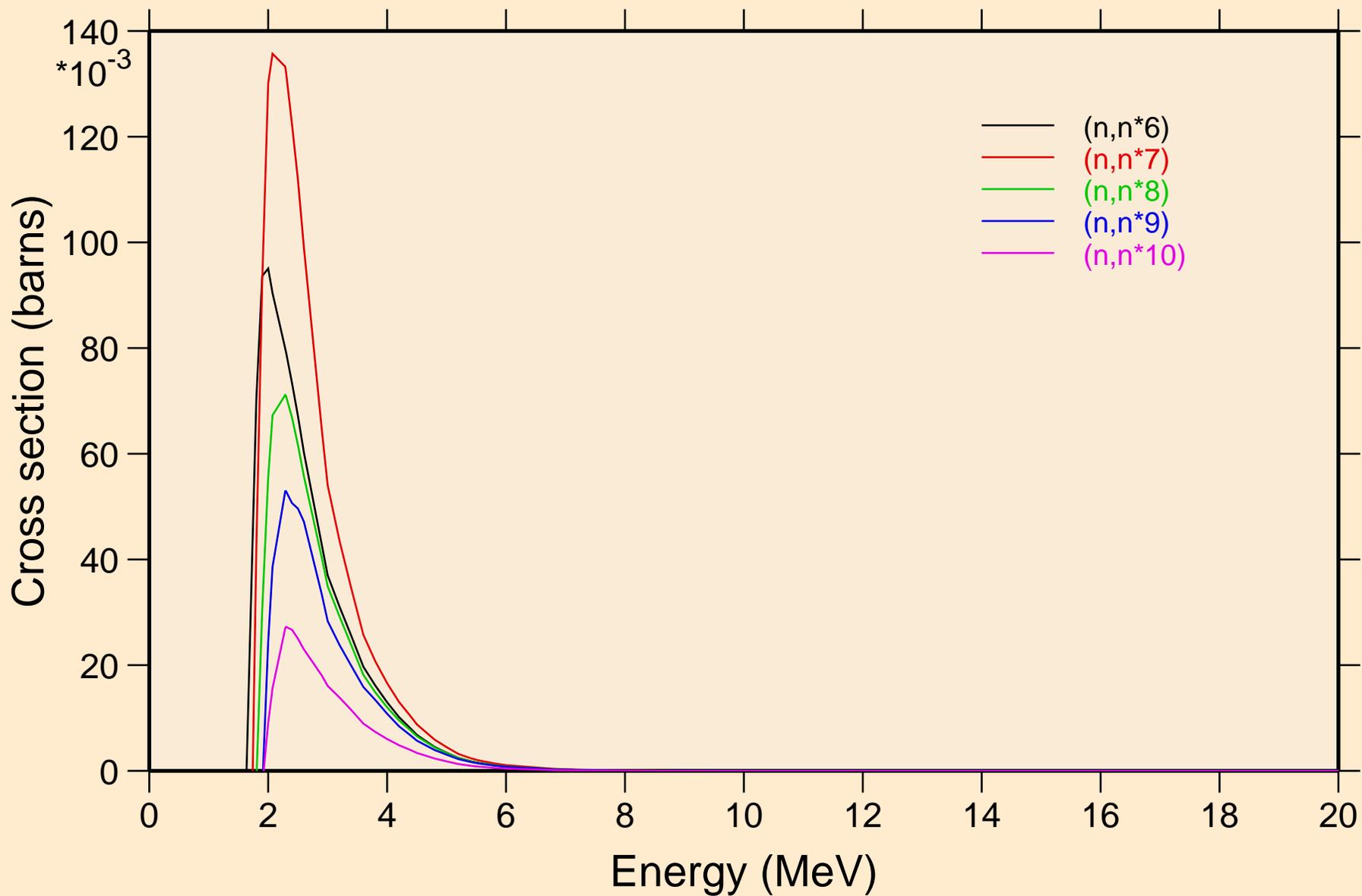


# ENDF/B-VII.1 ZR-95 Inelastic levels



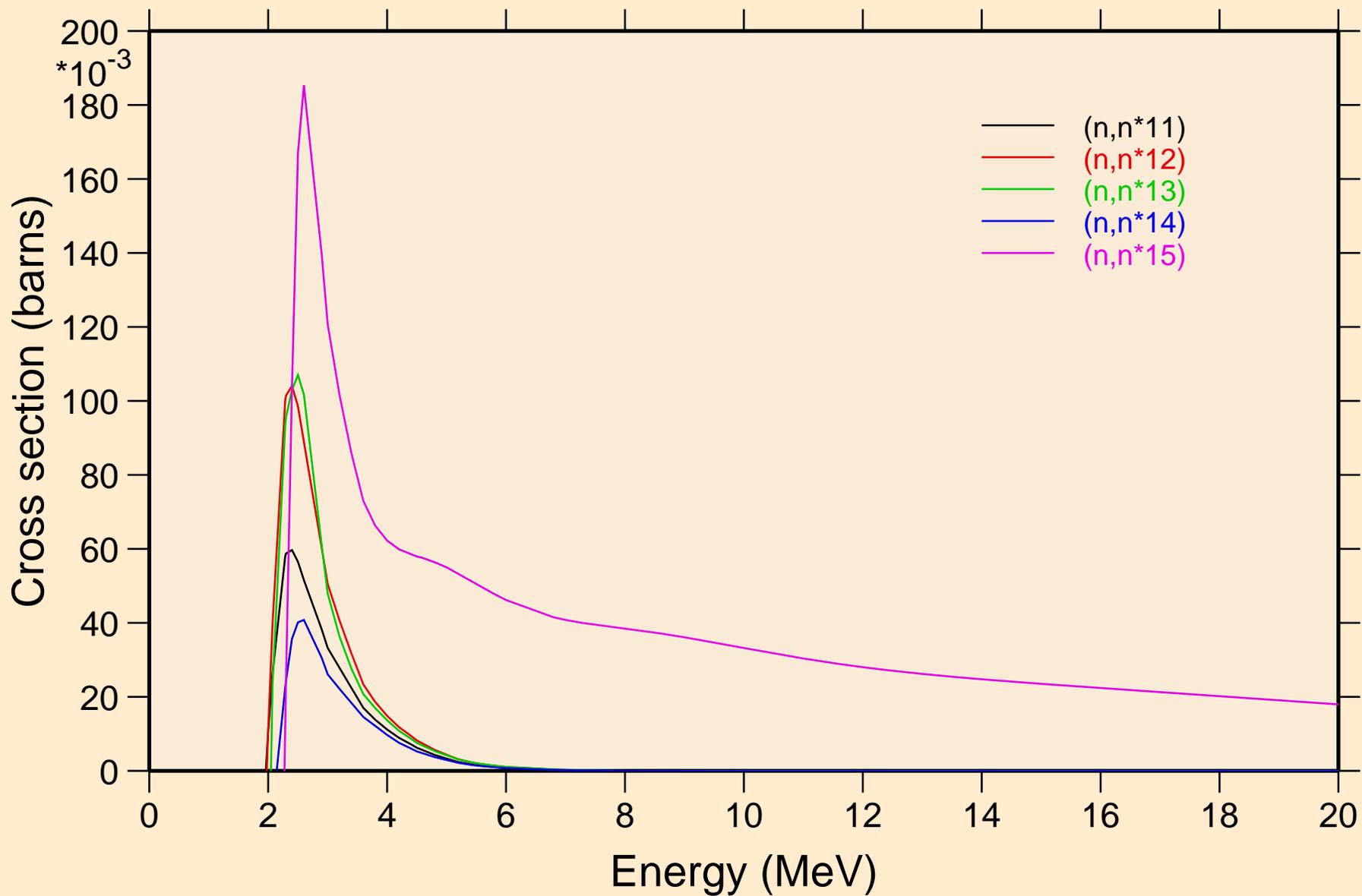
# ENDF/B-VII.1 ZR-95

## Inelastic levels



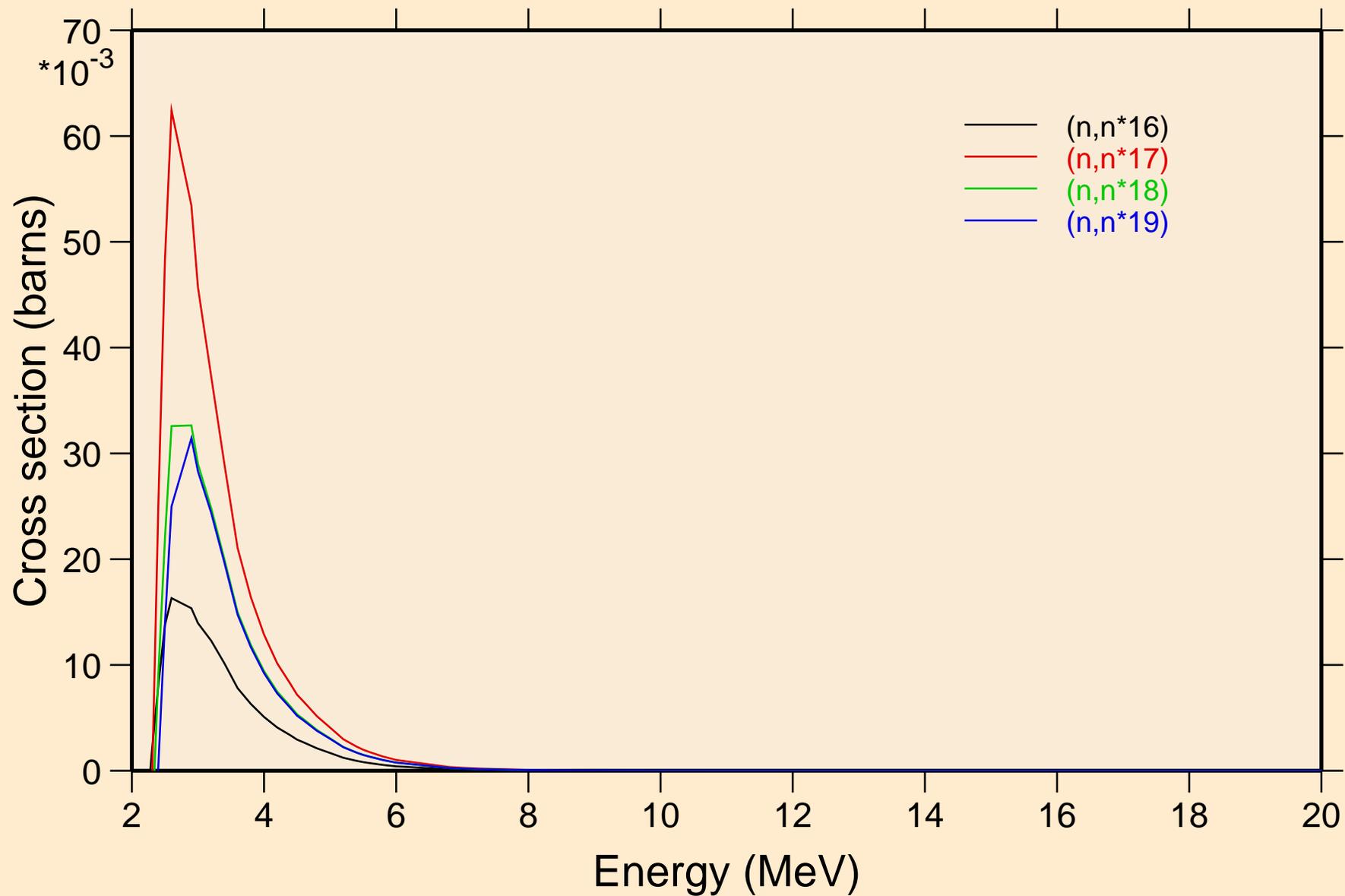
# ENDF/B-VII.1 ZR-95

## Inelastic levels



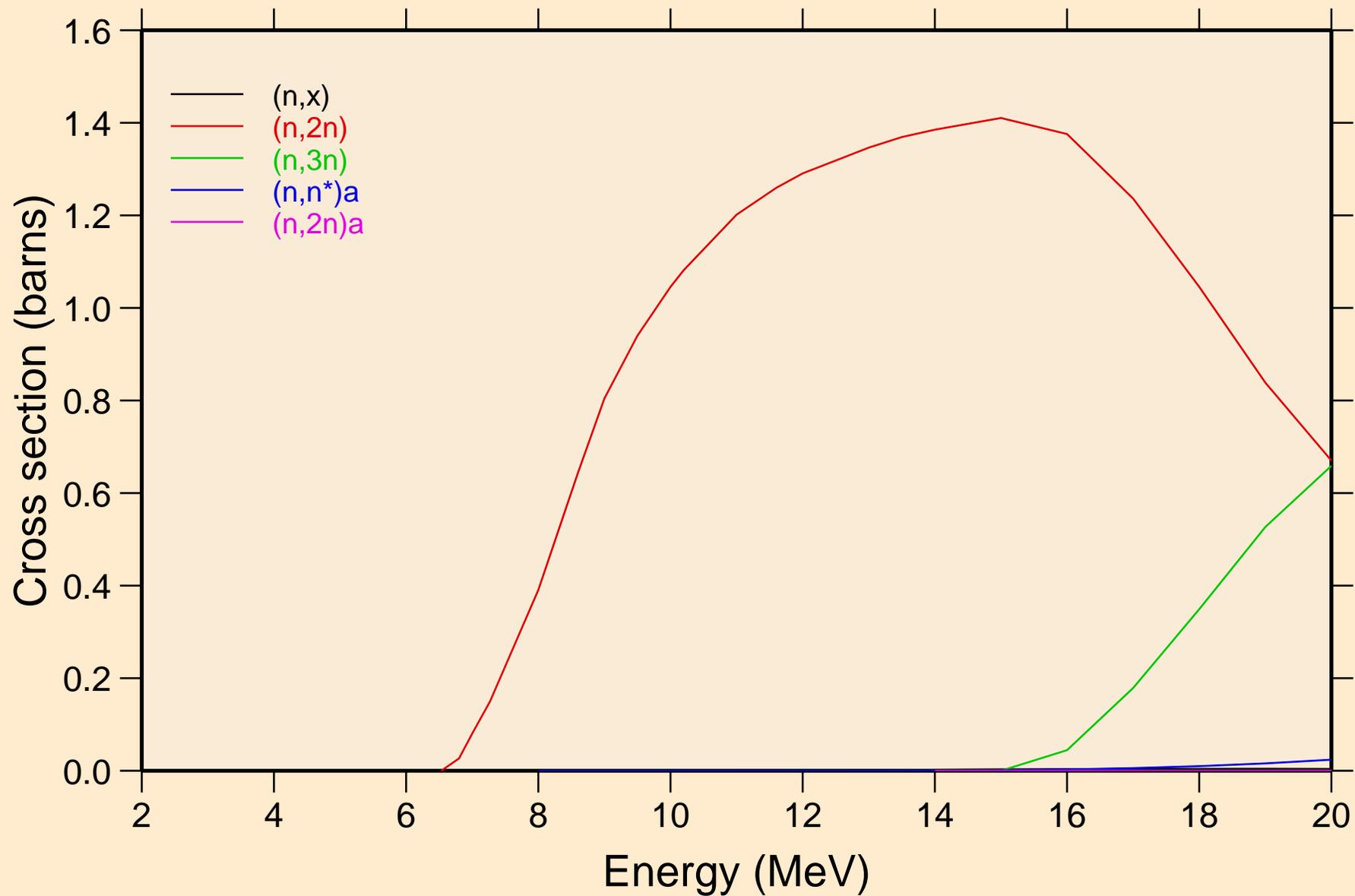
# ENDF/B-VII.1 ZR-95

## Inelastic levels



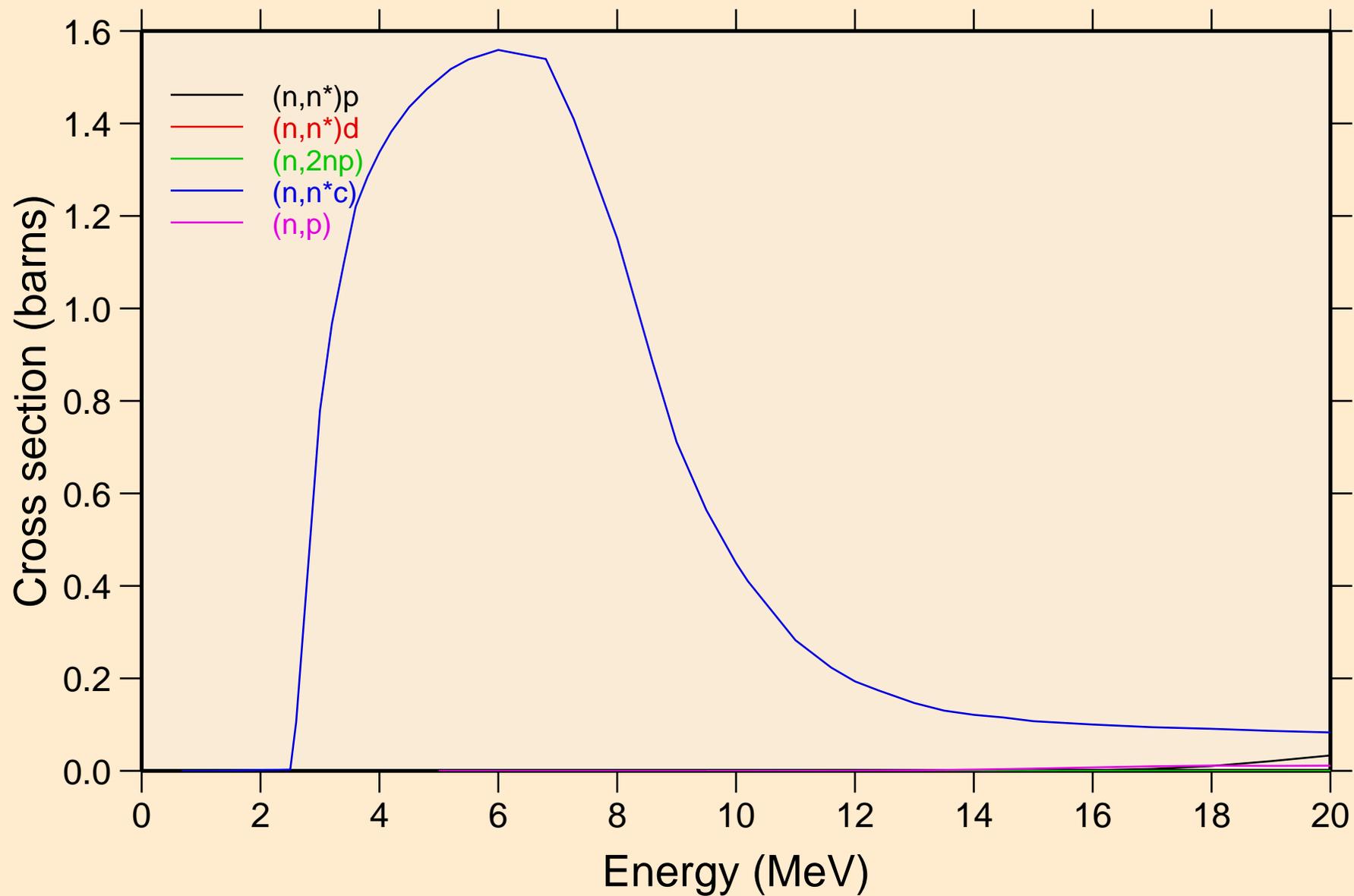
# ENDF/B-VII.1 ZR-95

## Threshold reactions



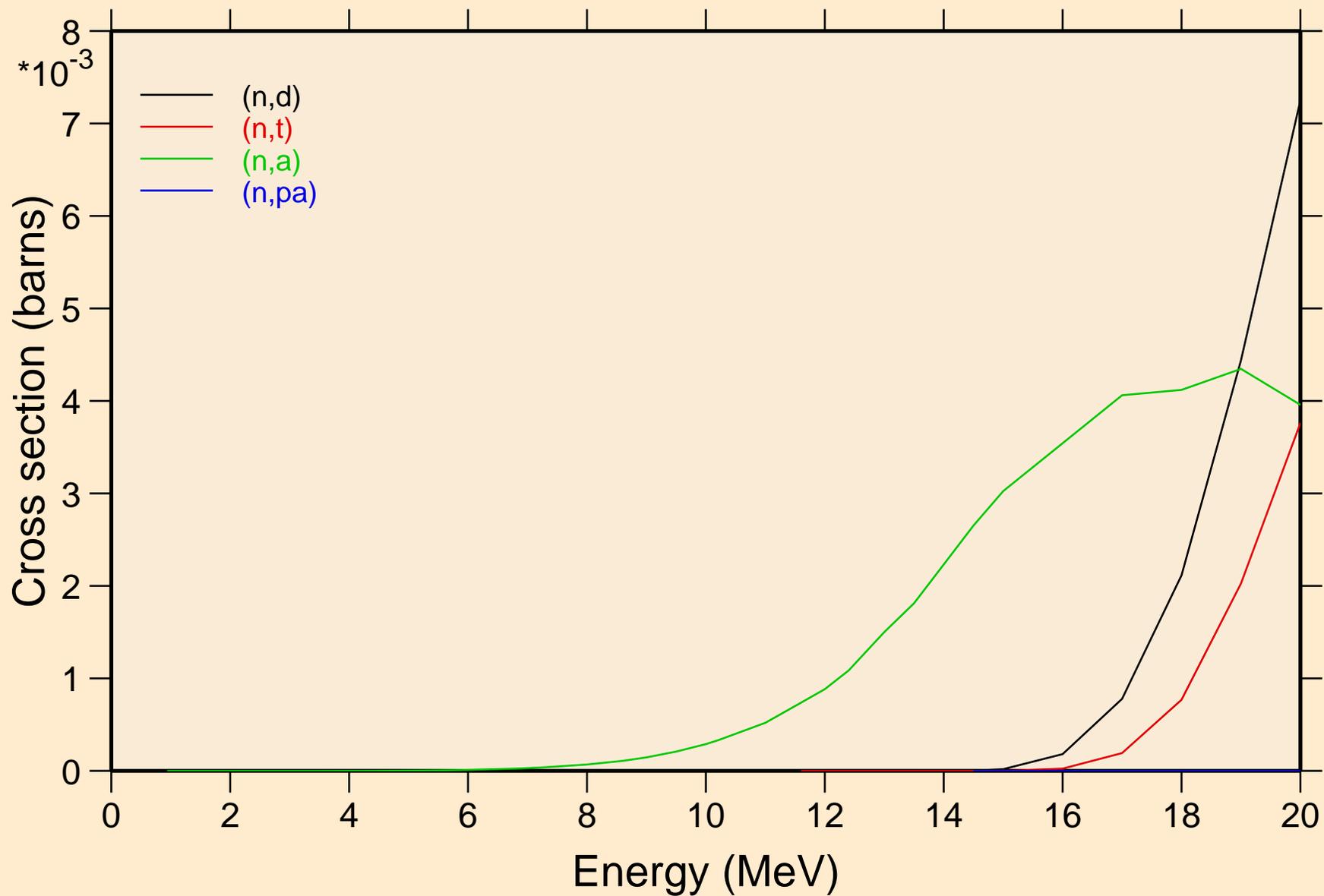
# ENDF/B-VII.1 ZR-95

## Threshold reactions



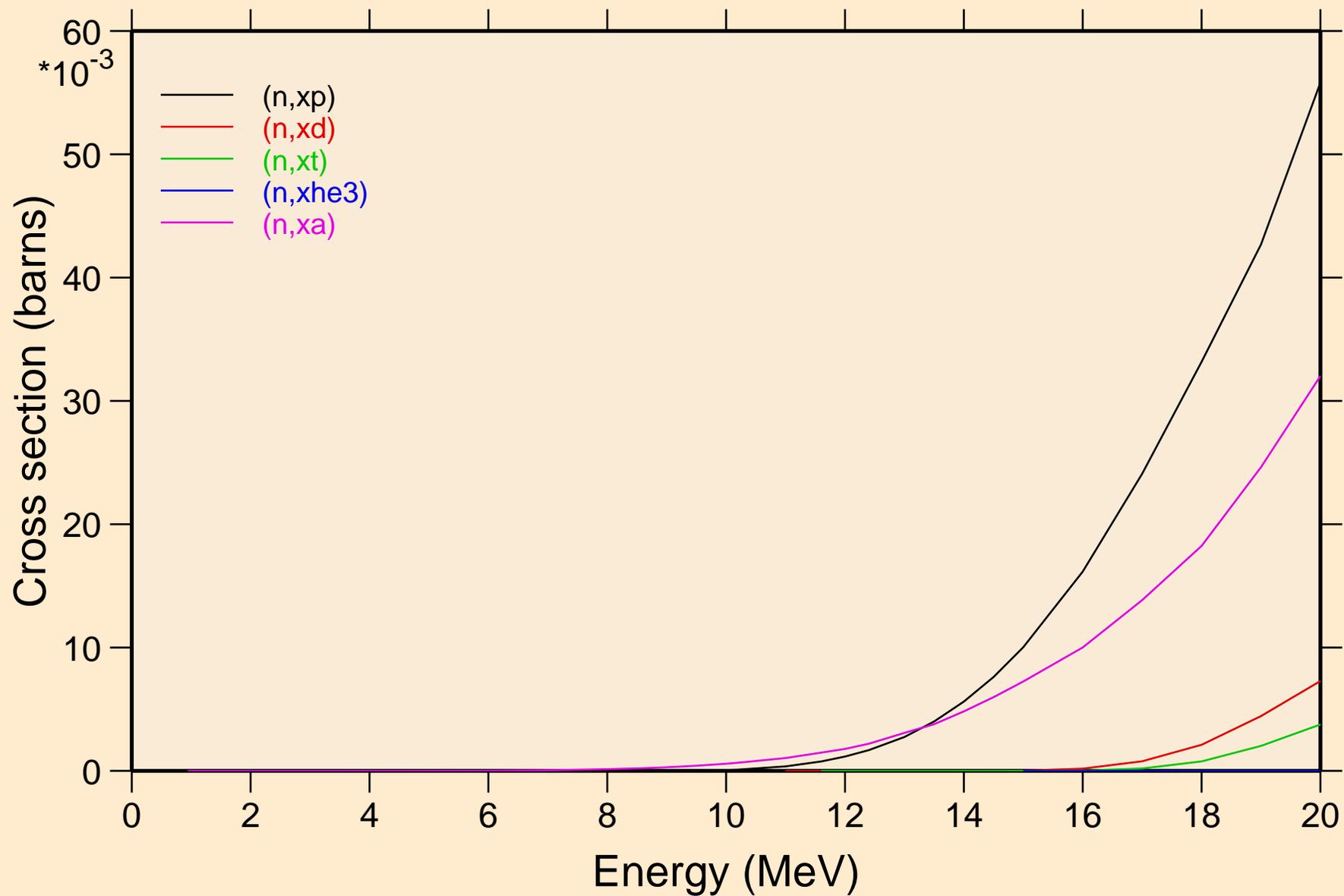
# ENDF/B-VII.1 ZR-95

## Threshold reactions



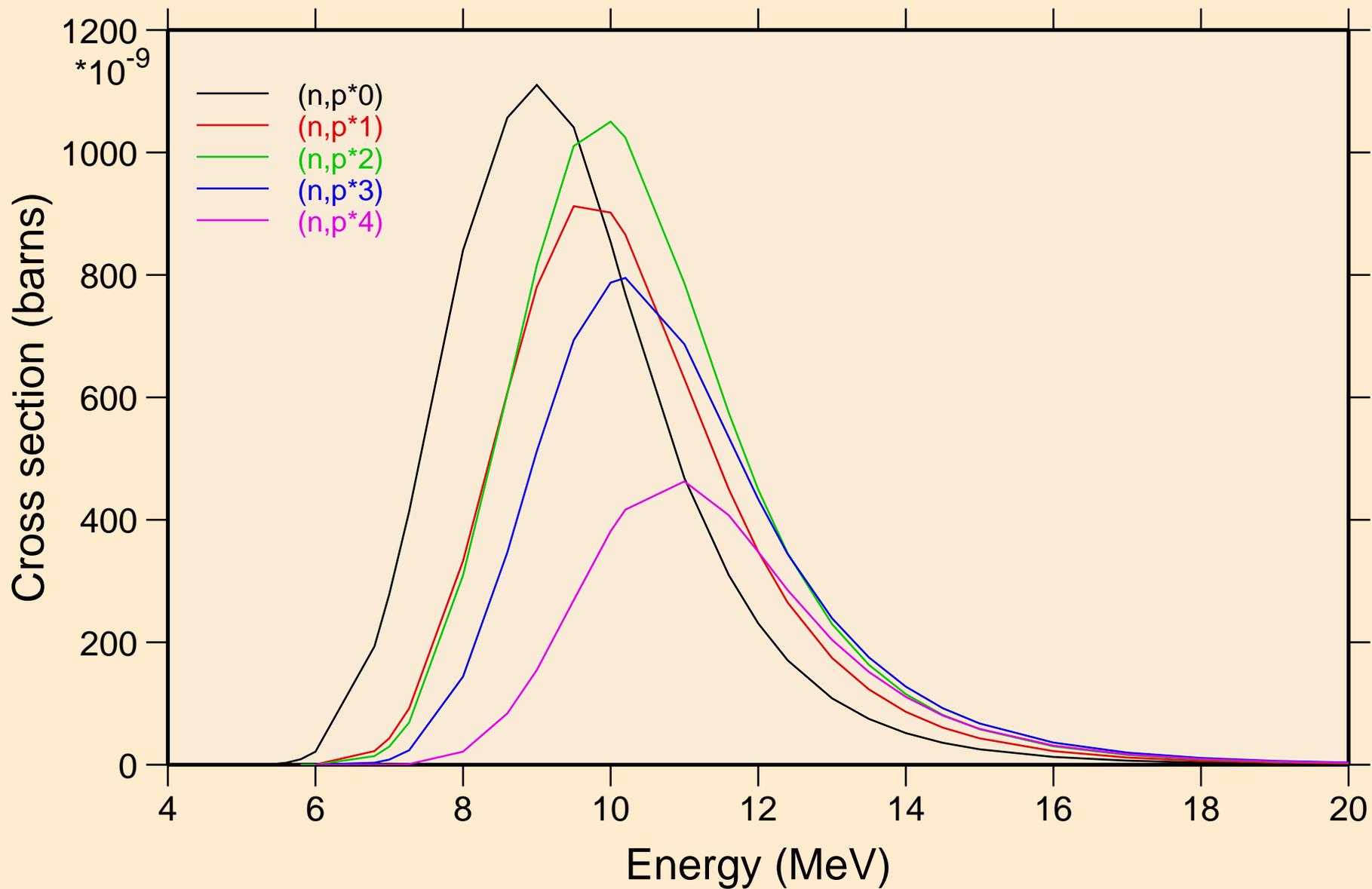
# ENDF/B-VII.1 ZR-95

## Threshold reactions



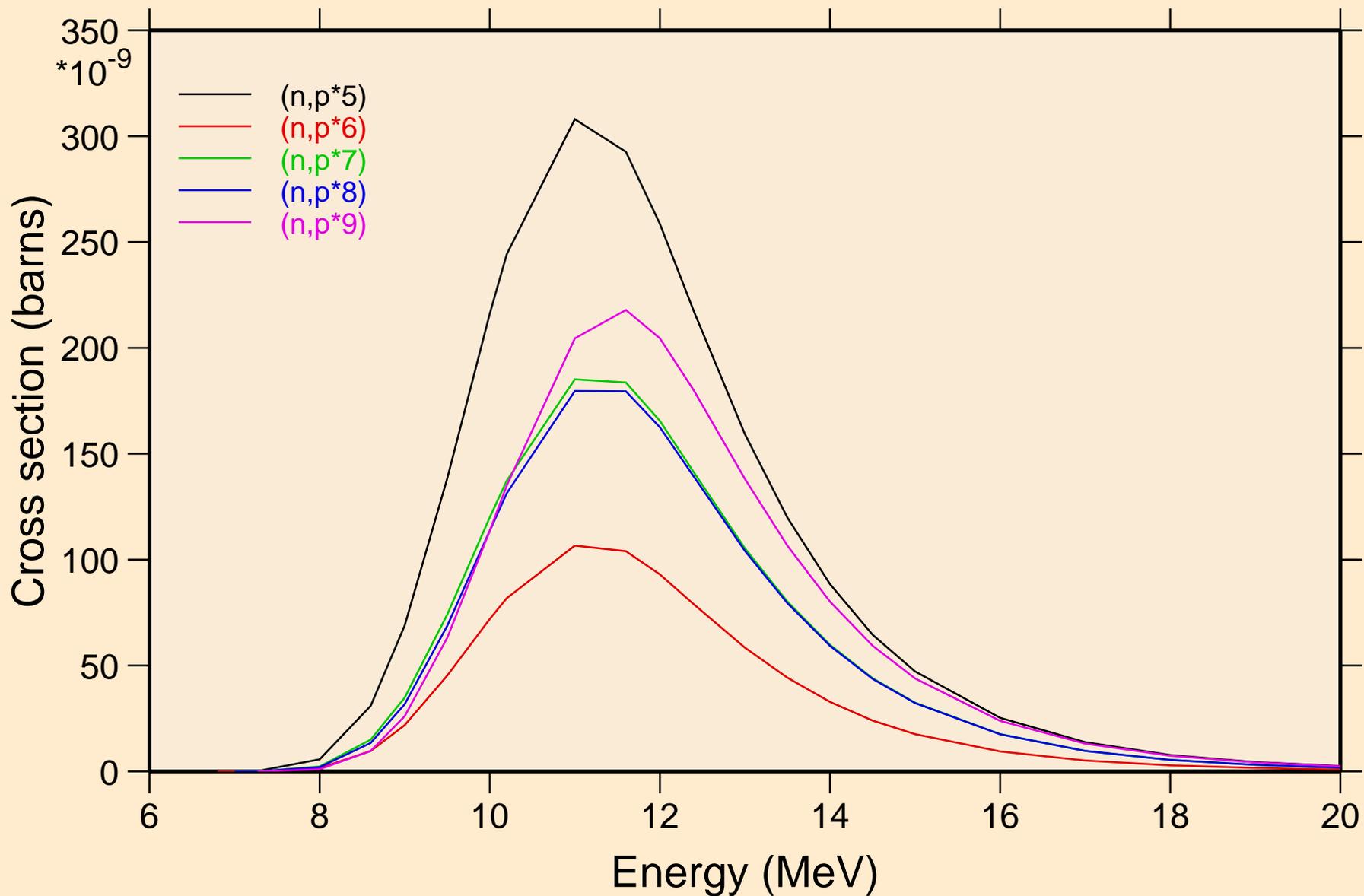
# ENDF/B-VII.1 ZR-95

## Threshold reactions



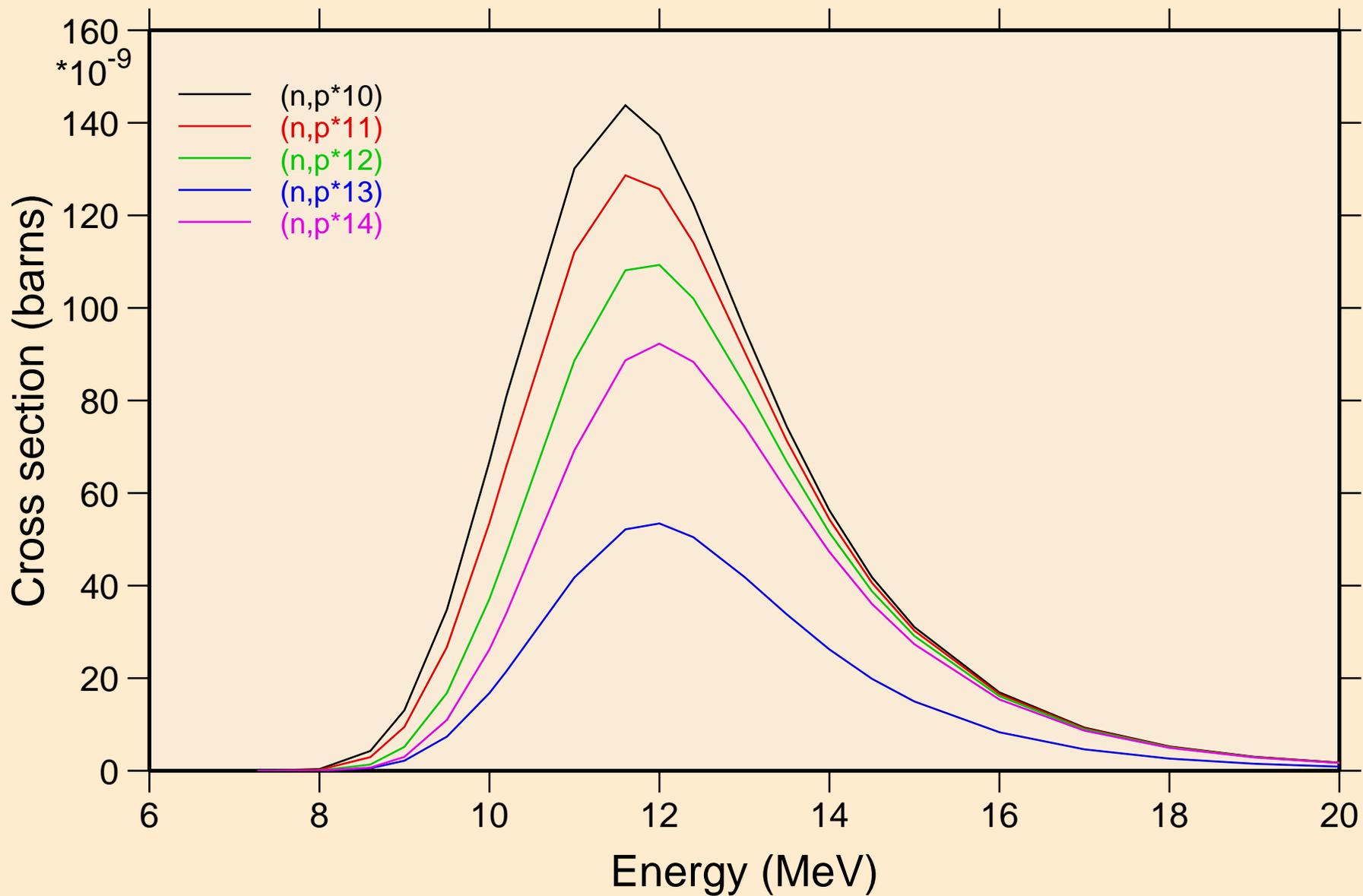
# ENDF/B-VII.1 ZR-95

## Threshold reactions



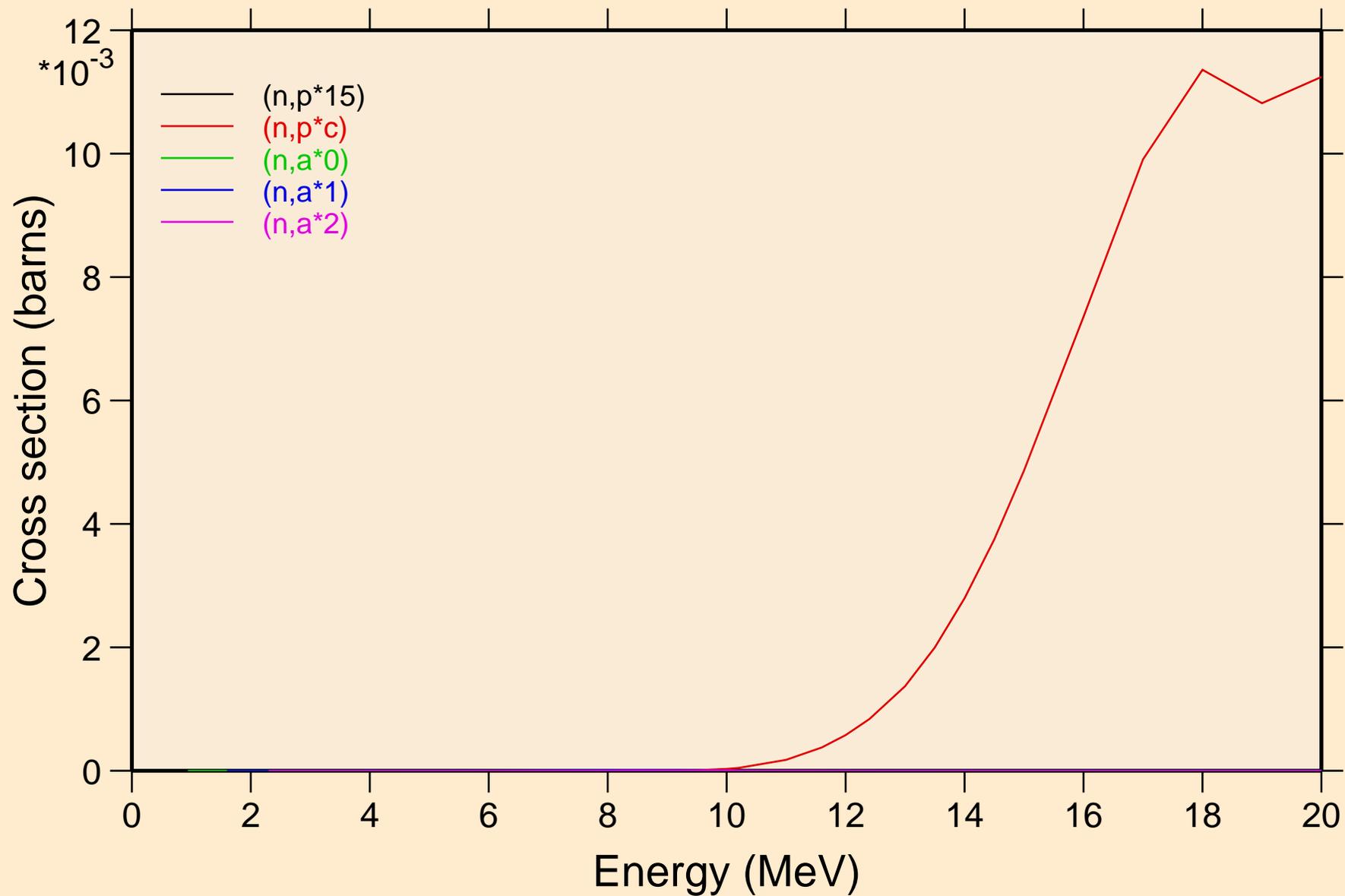
# ENDF/B-VII.1 ZR-95

## Threshold reactions



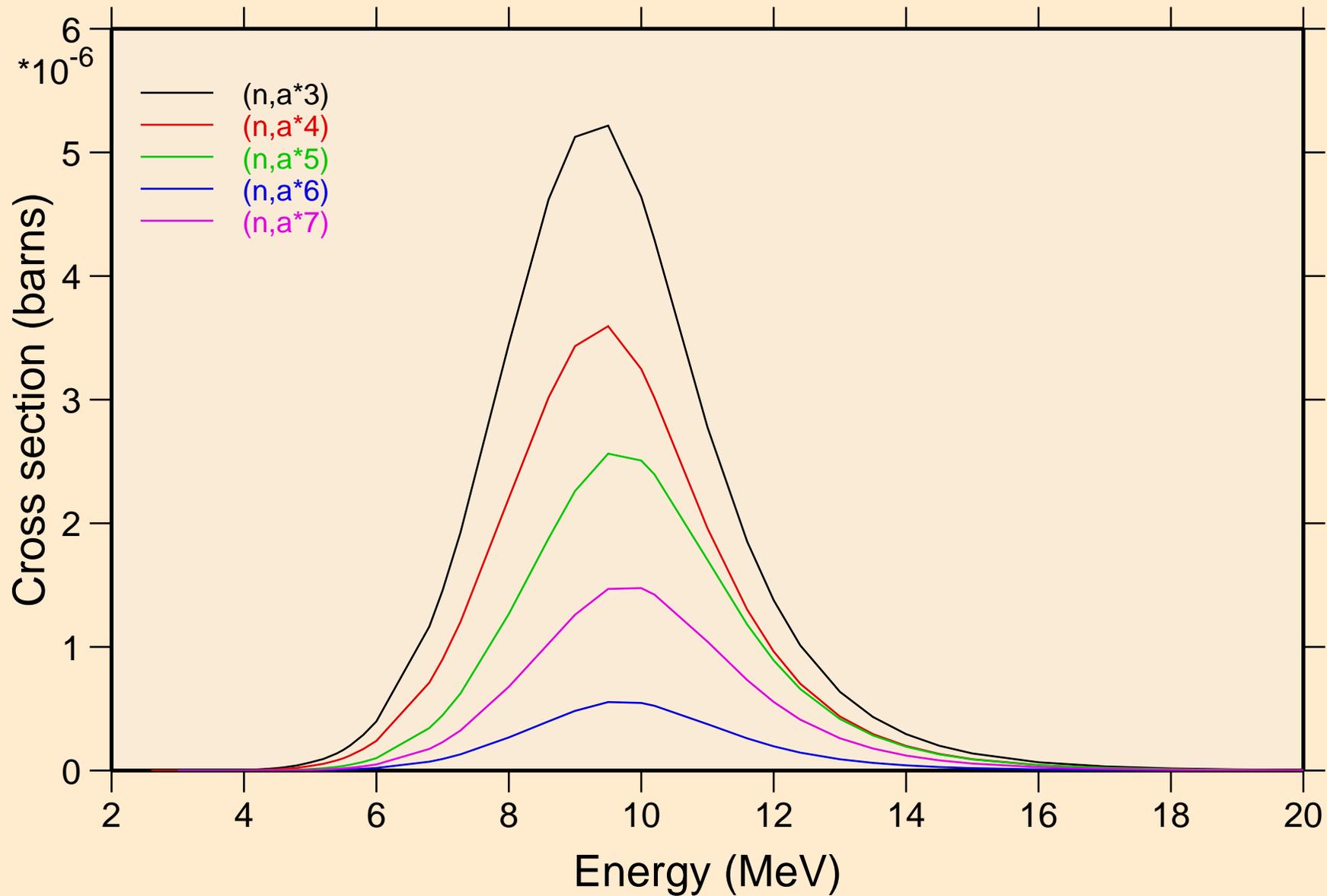
# ENDF/B-VII.1 ZR-95

## Threshold reactions



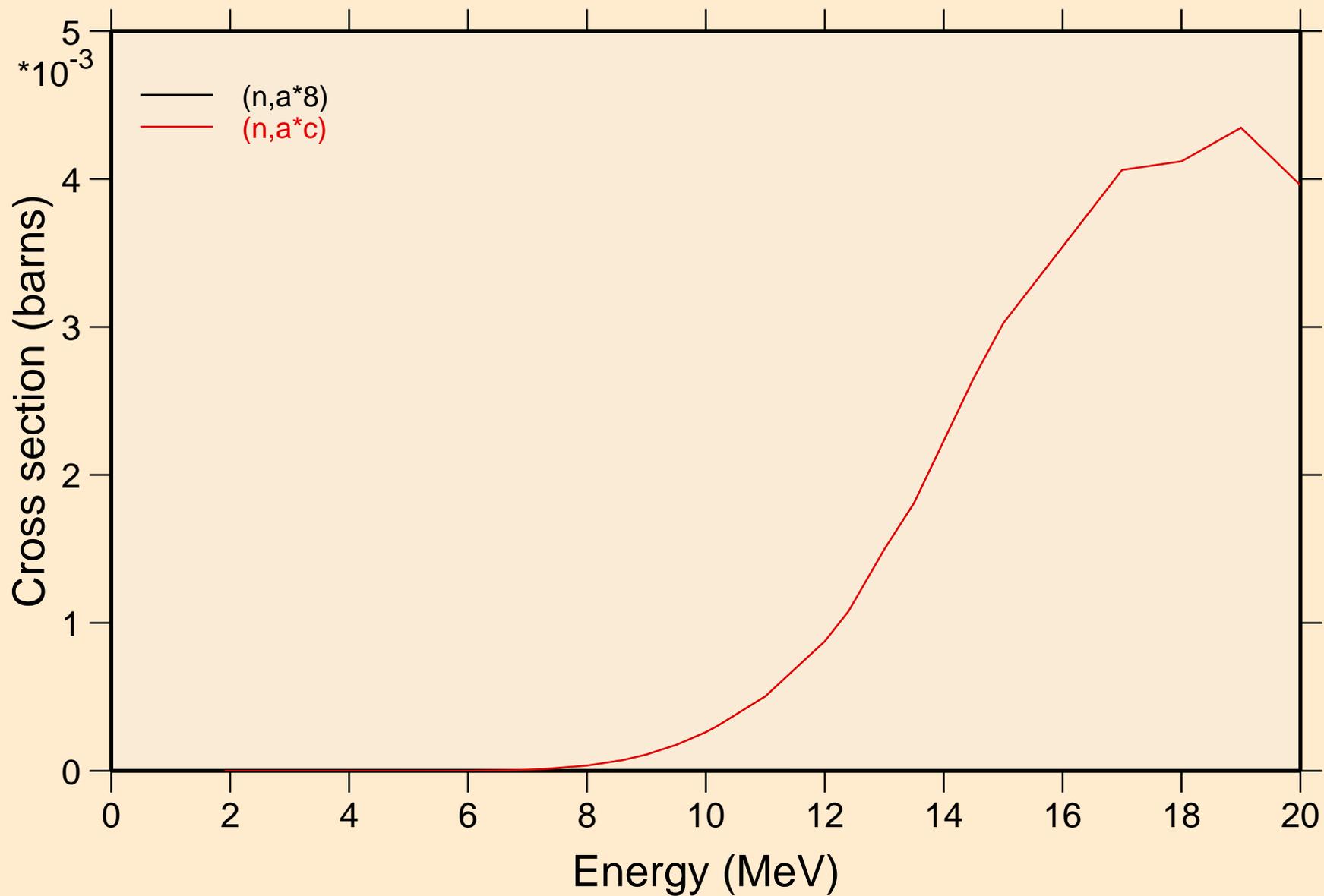
# ENDF/B-VII.1 ZR-95

## Threshold reactions

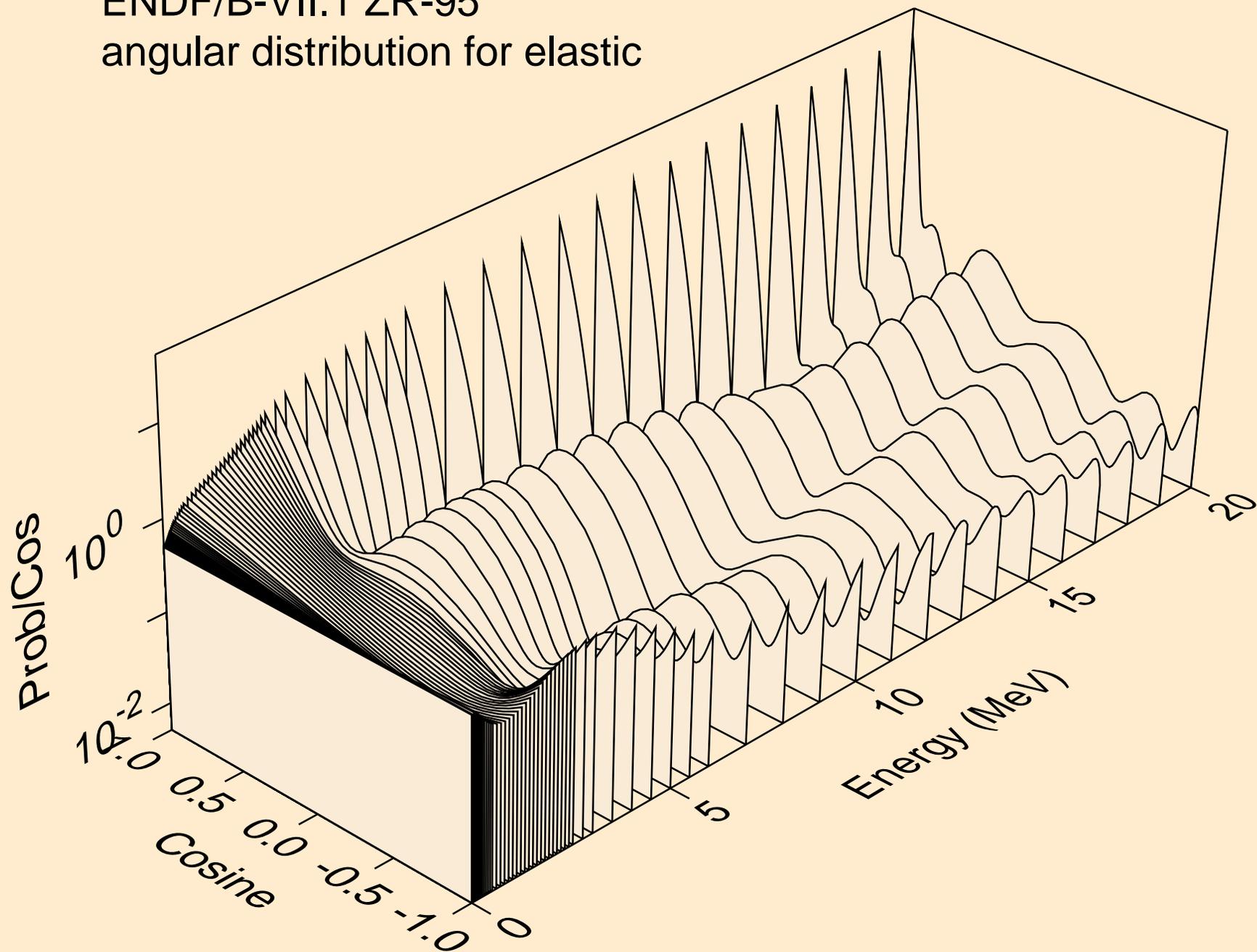


# ENDF/B-VII.1 ZR-95

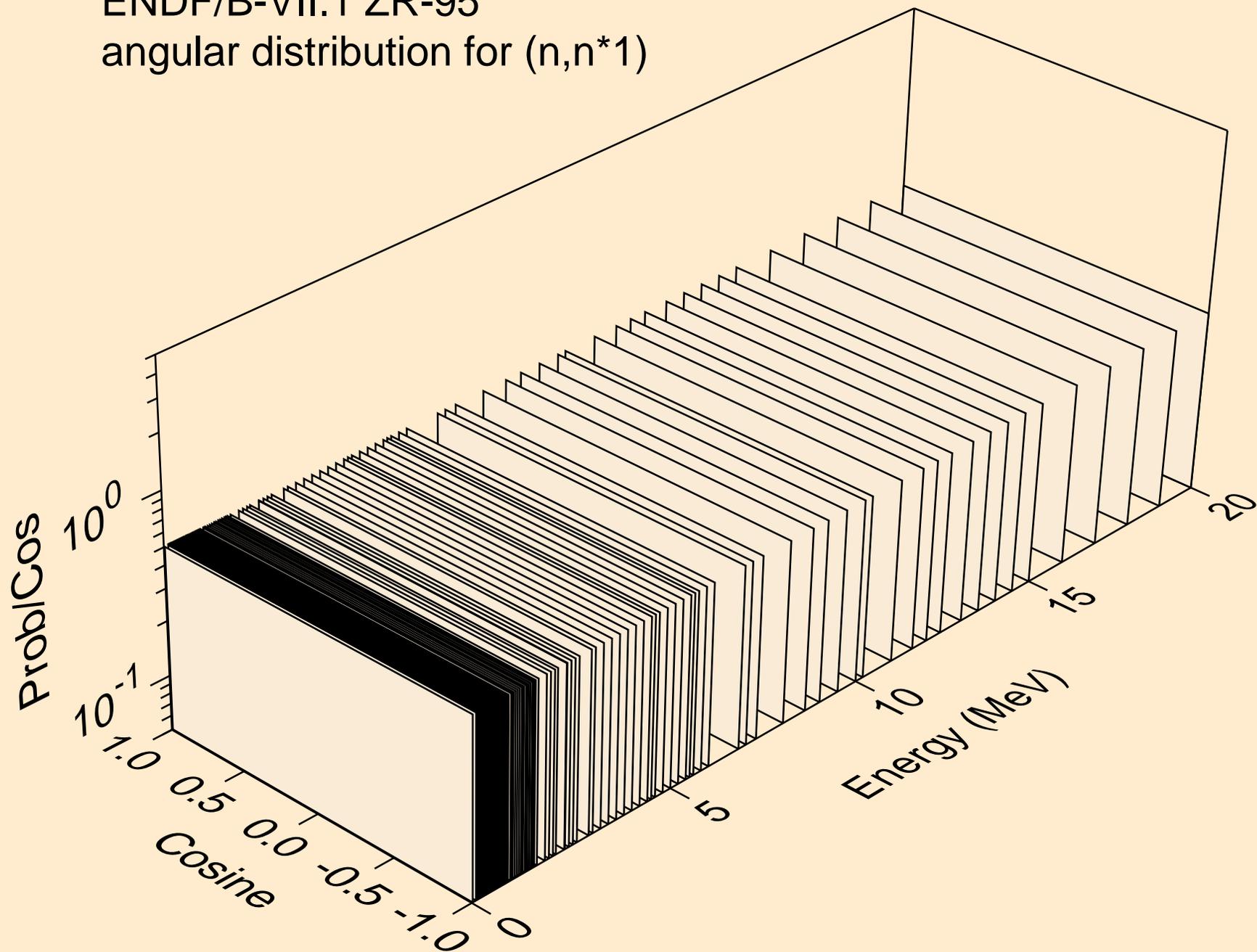
## Threshold reactions



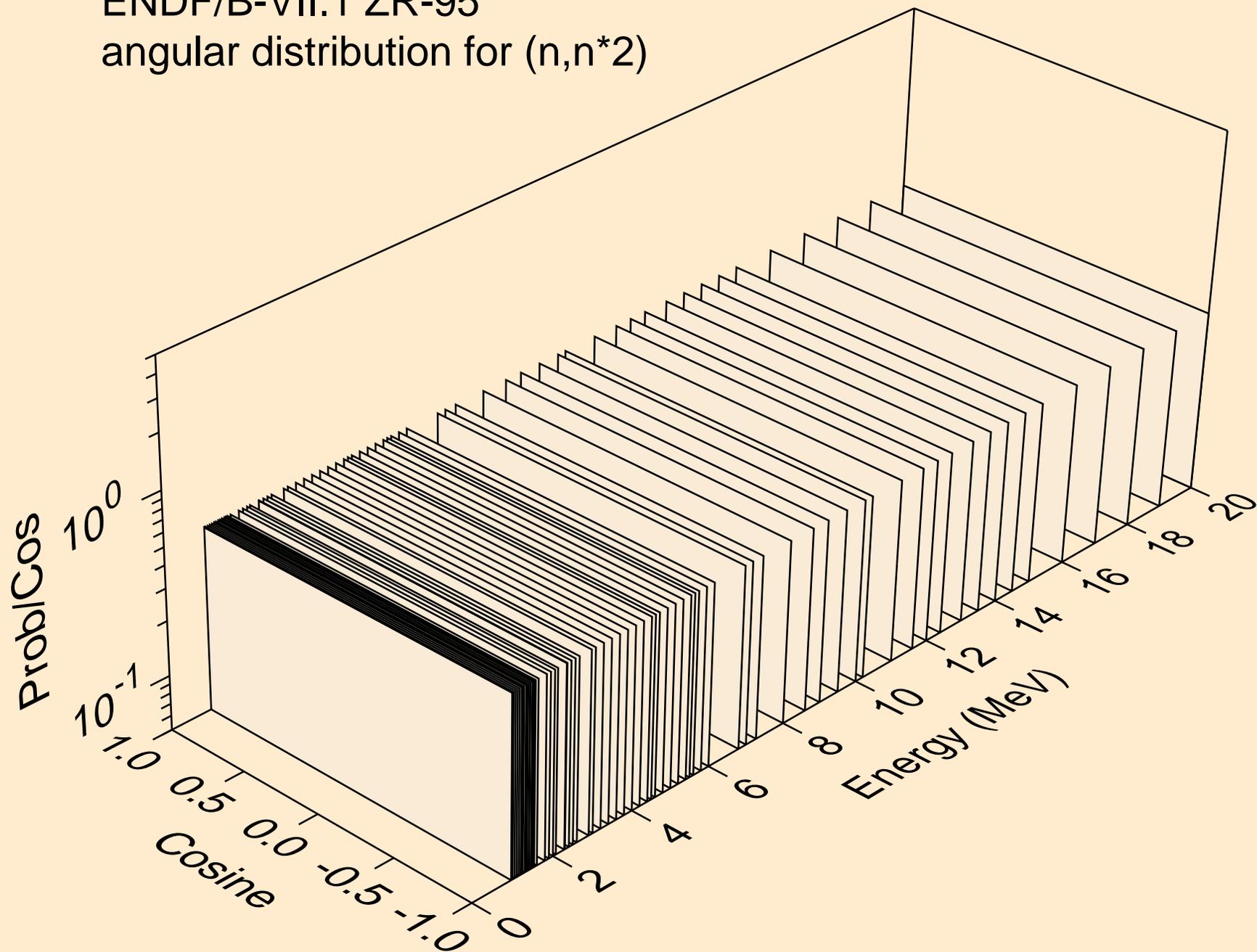
ENDF/B-VII.1 ZR-95  
angular distribution for elastic



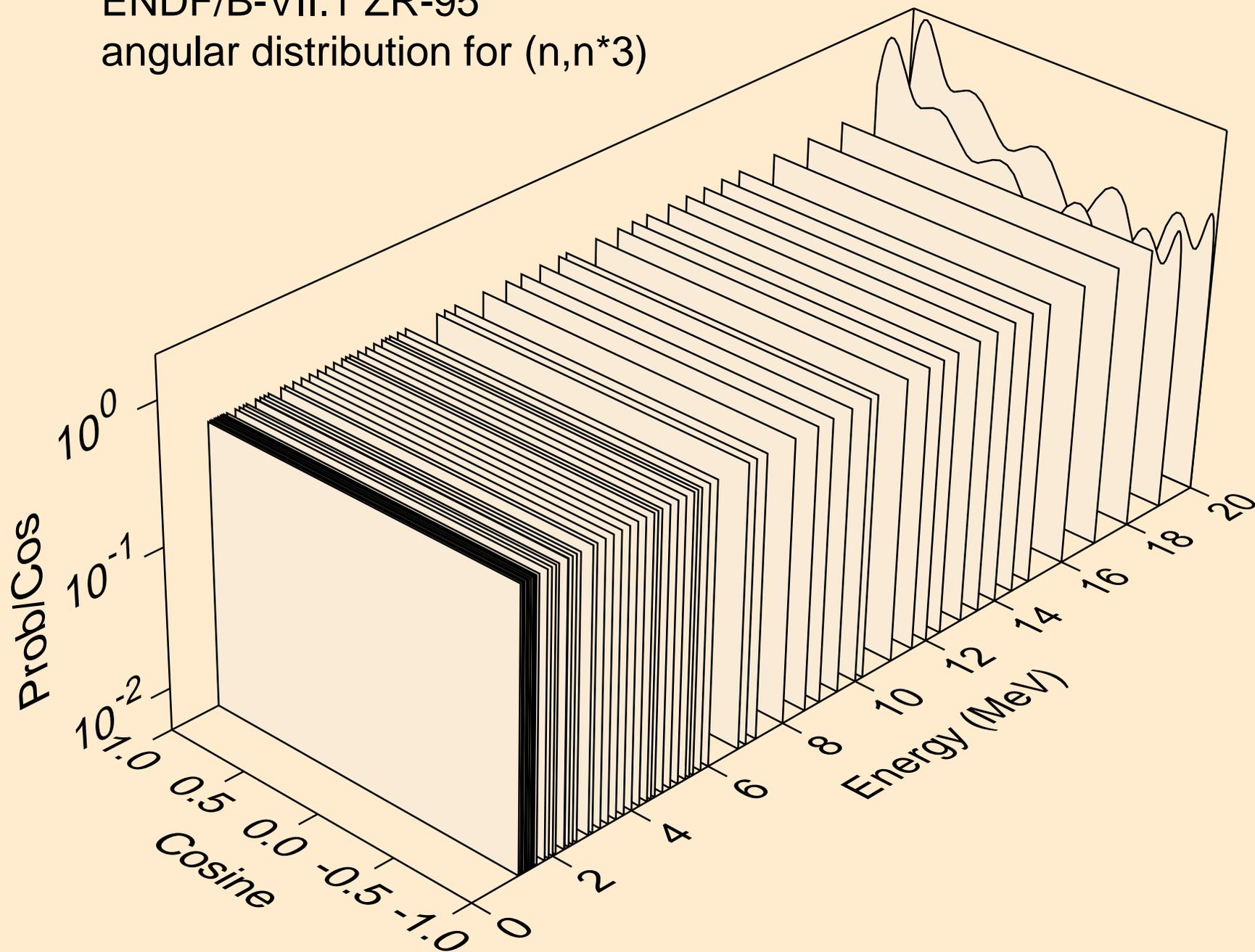
ENDF/B-VII.1 ZR-95  
angular distribution for (n,n\*1)



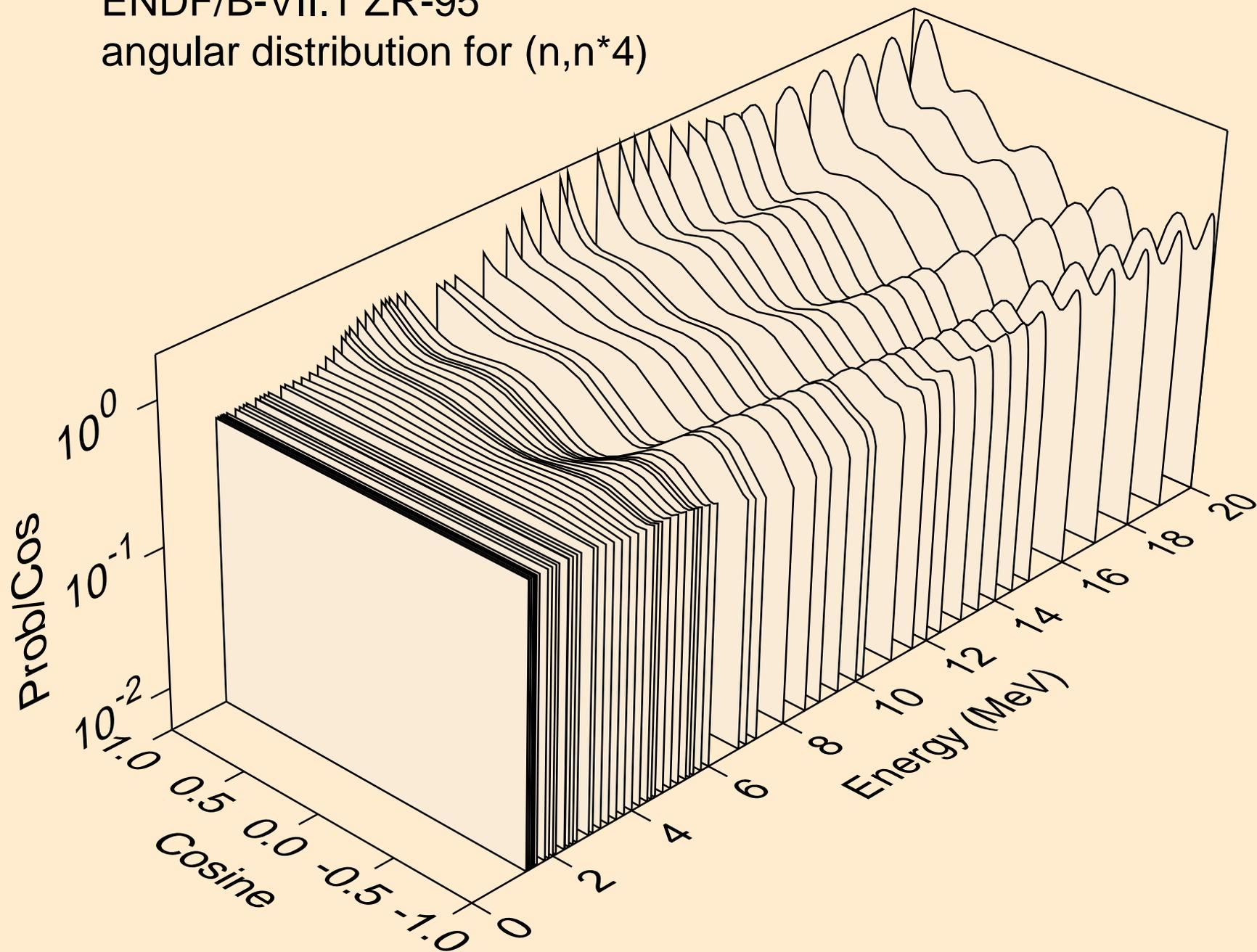
ENDF/B-VII.1 ZR-95  
angular distribution for (n,n\*2)



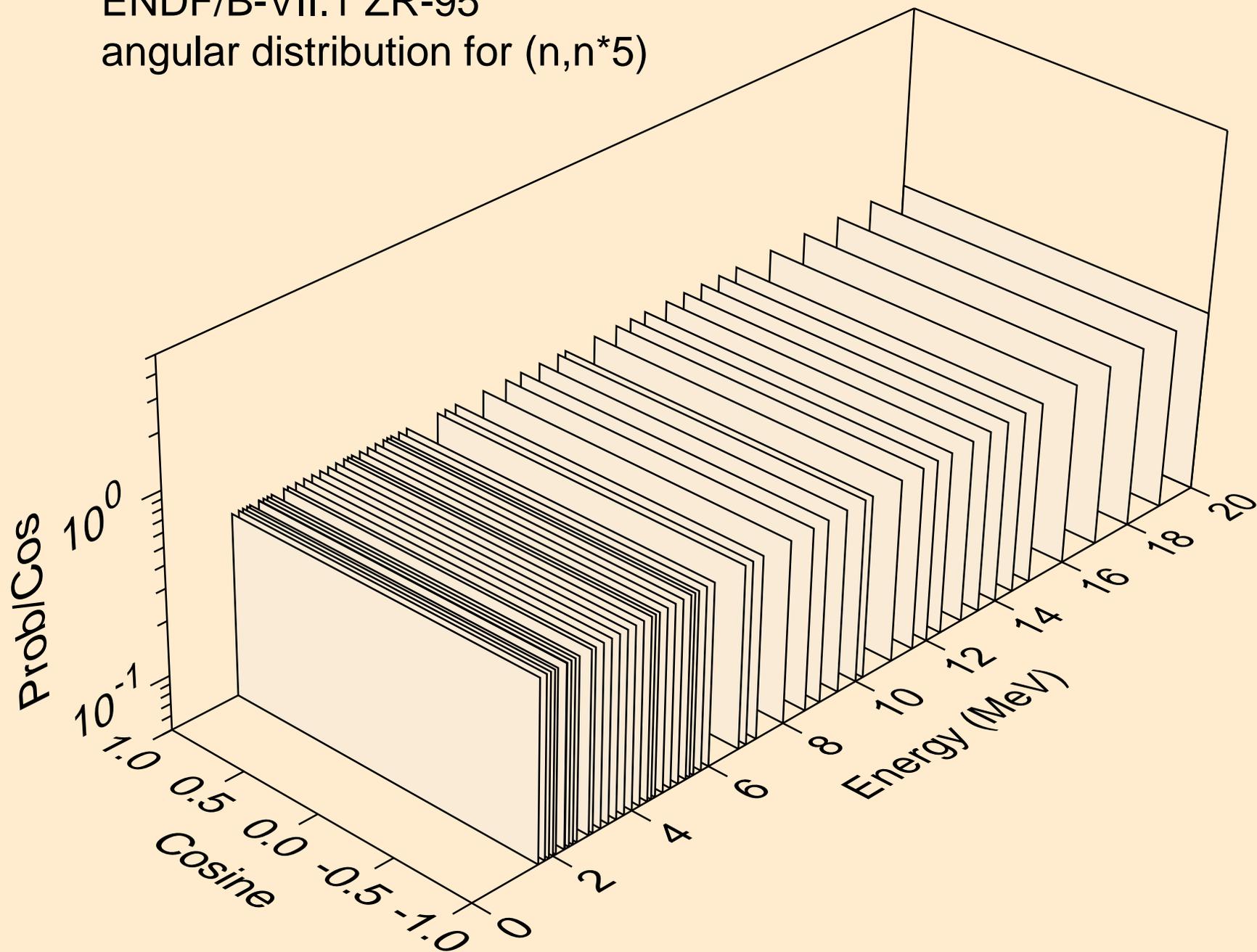
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angular distribution for (n,n\*3)



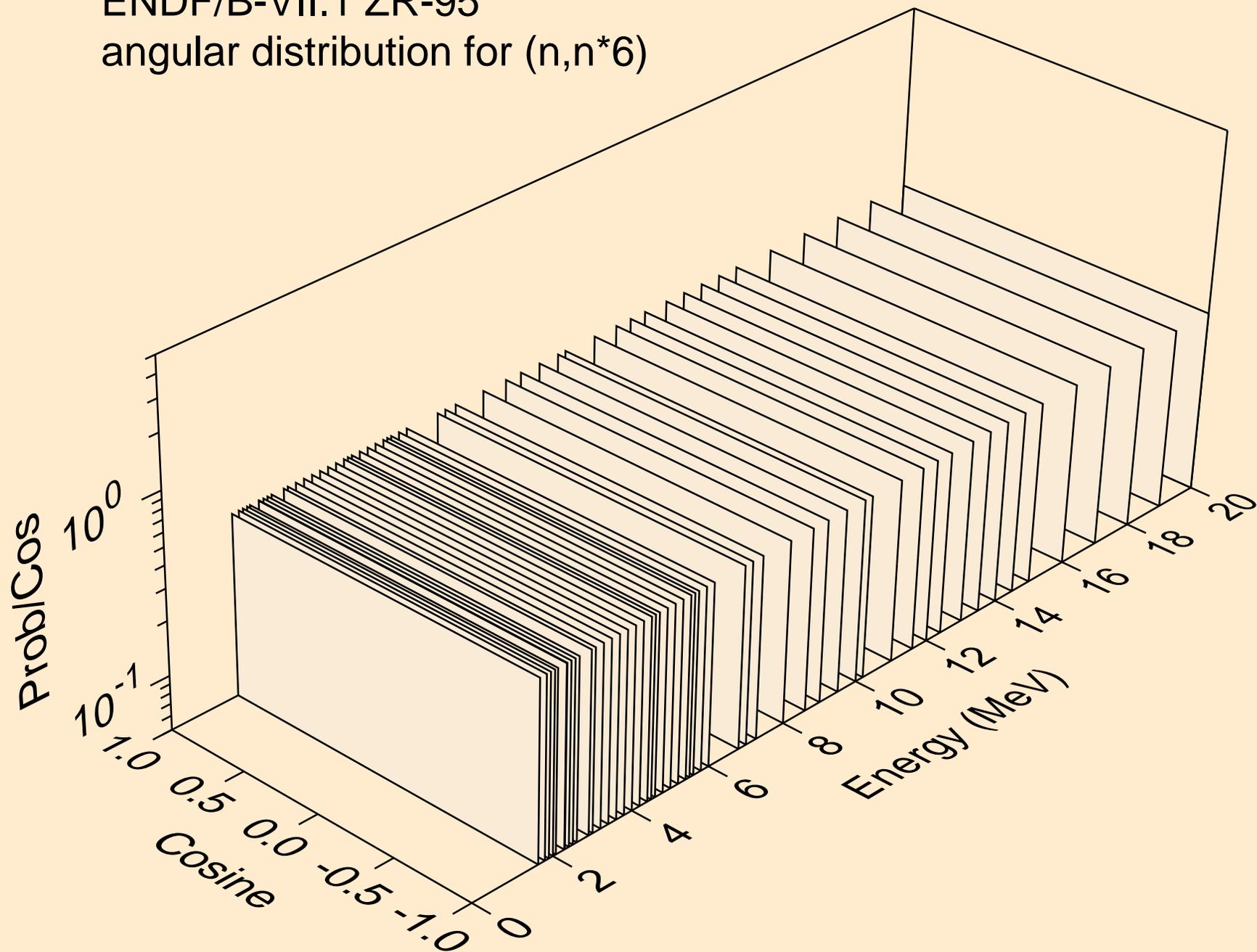
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angular distribution for (n,n\*4)



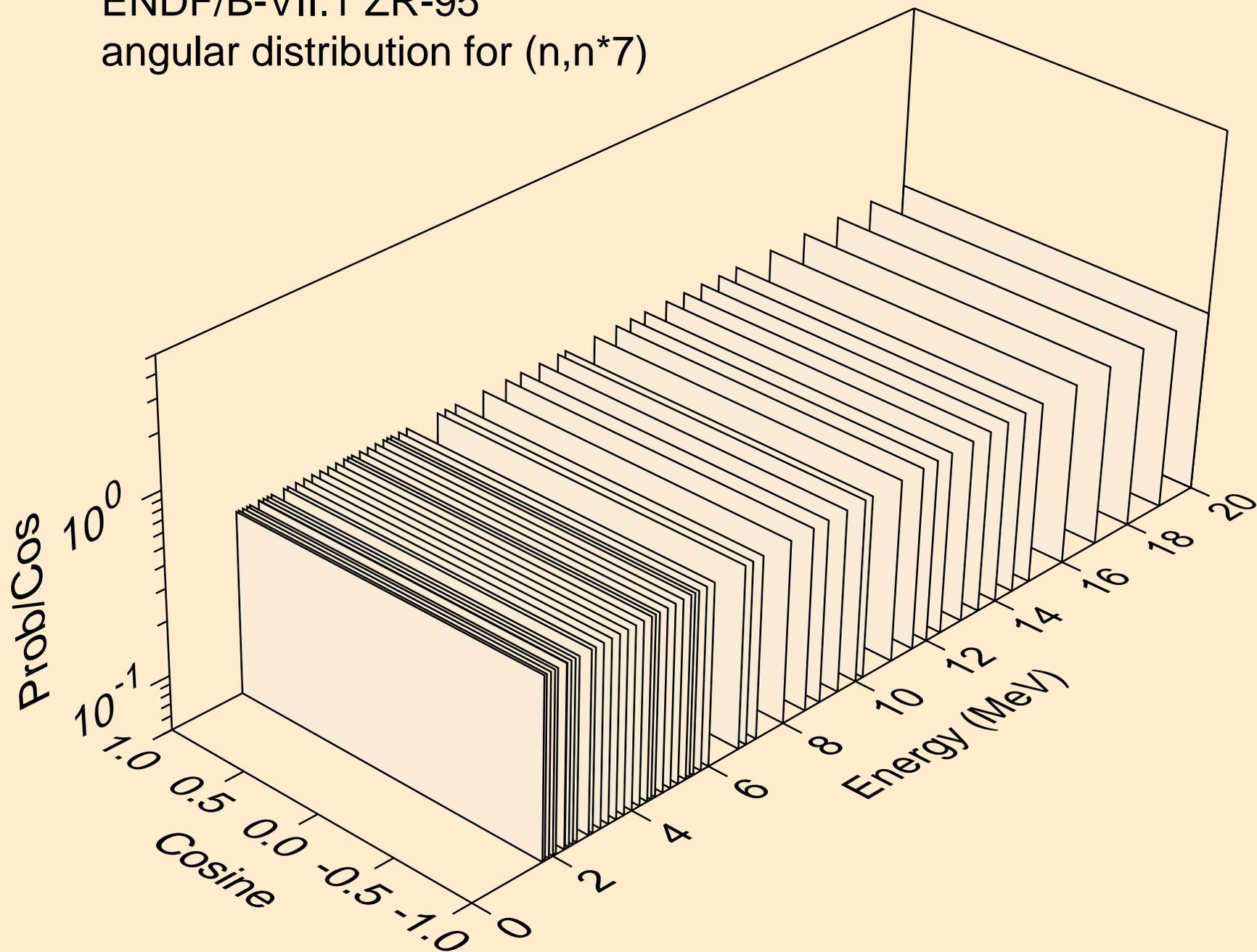
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angular distribution for (n,n\*5)



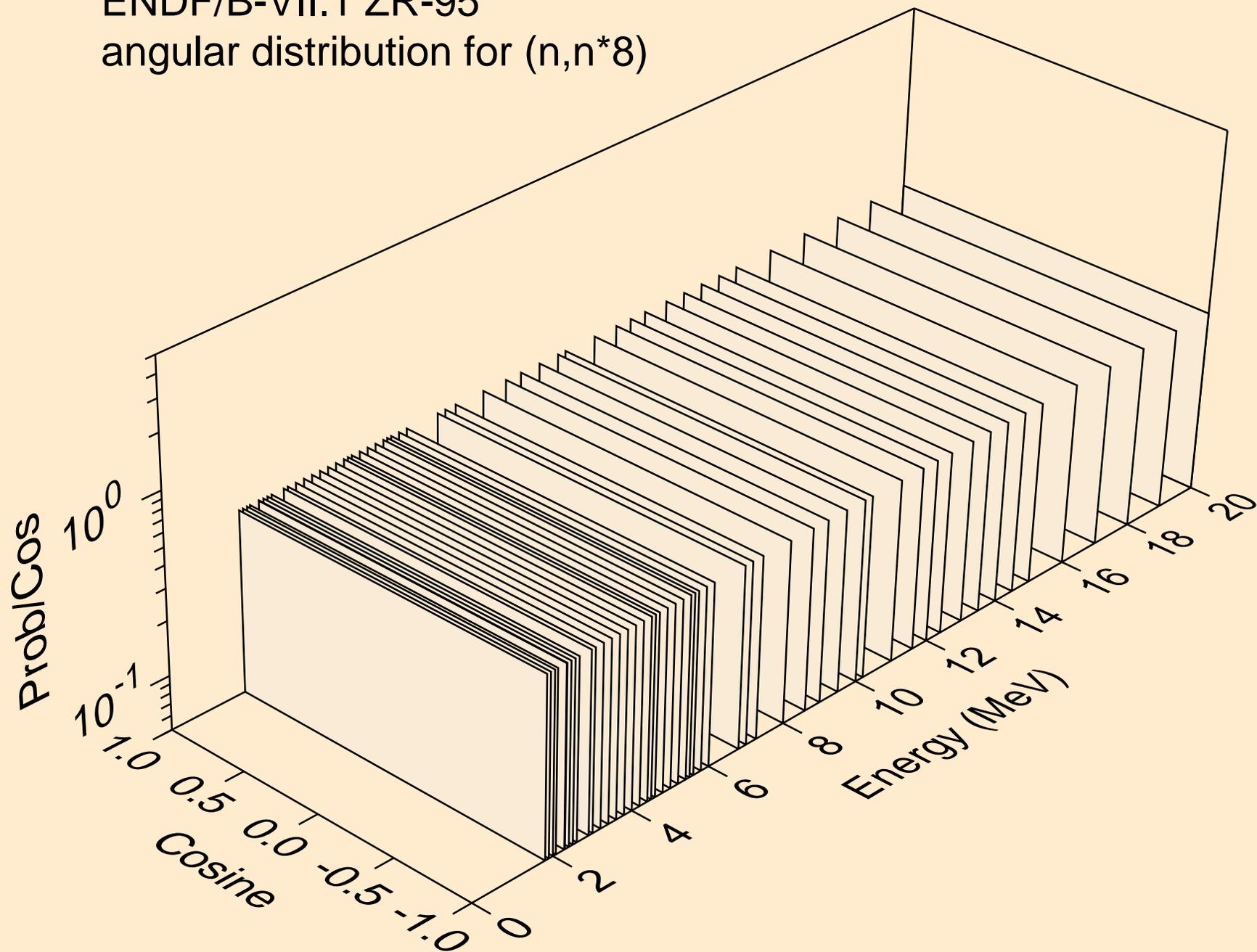
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angular distribution for (n,n\*6)



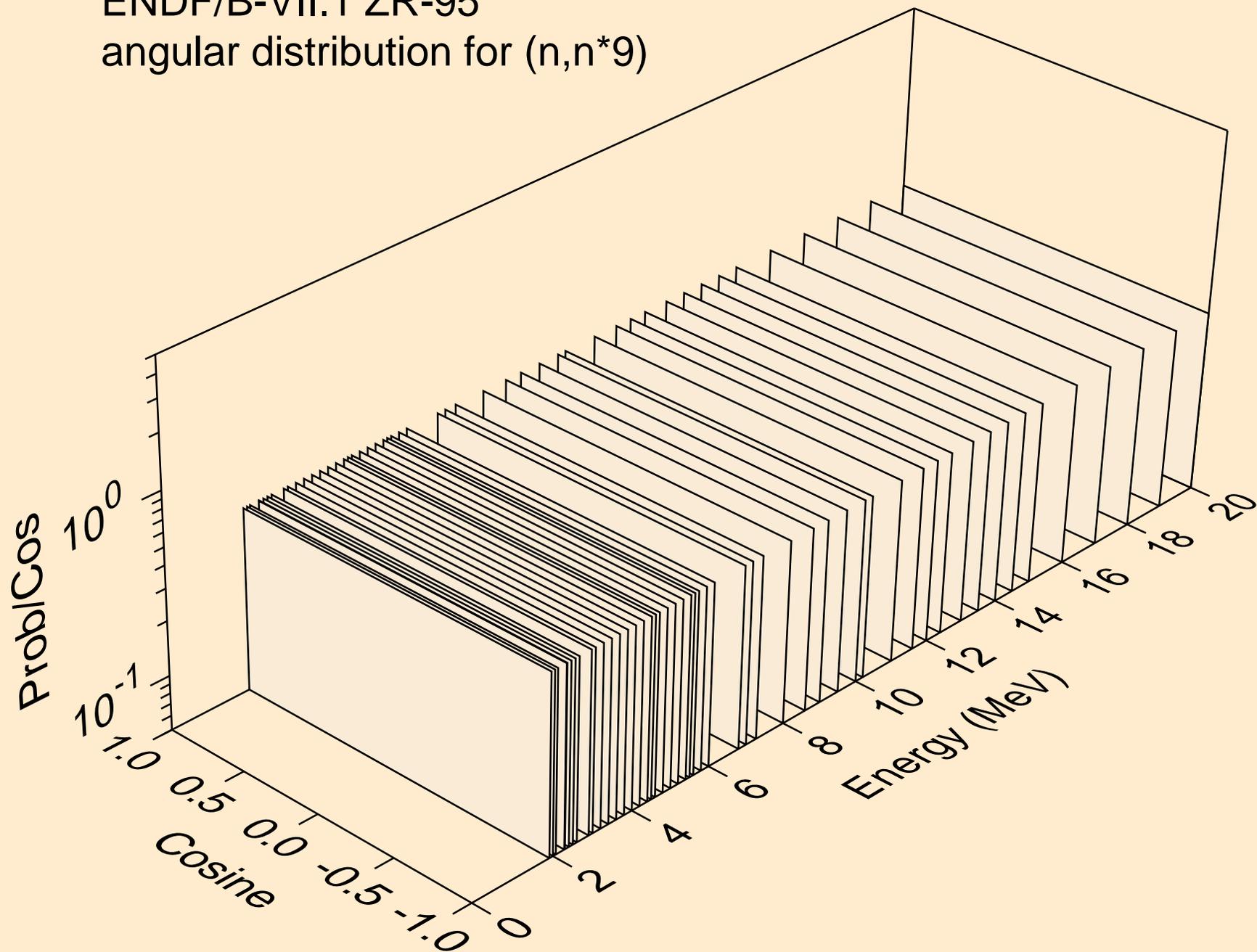
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angular distribution for (n,n\*7)



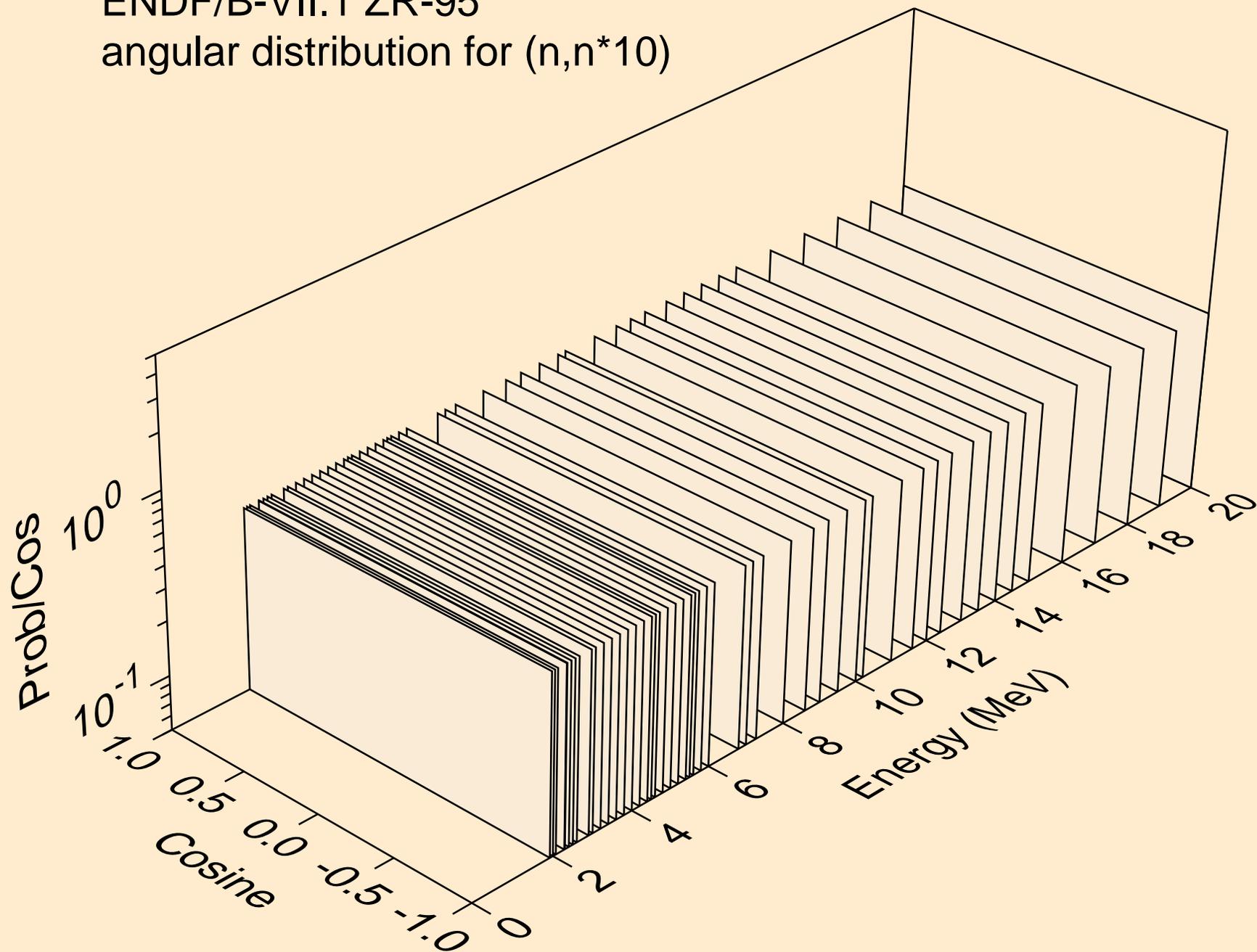
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angular distribution for (n,n\*8)



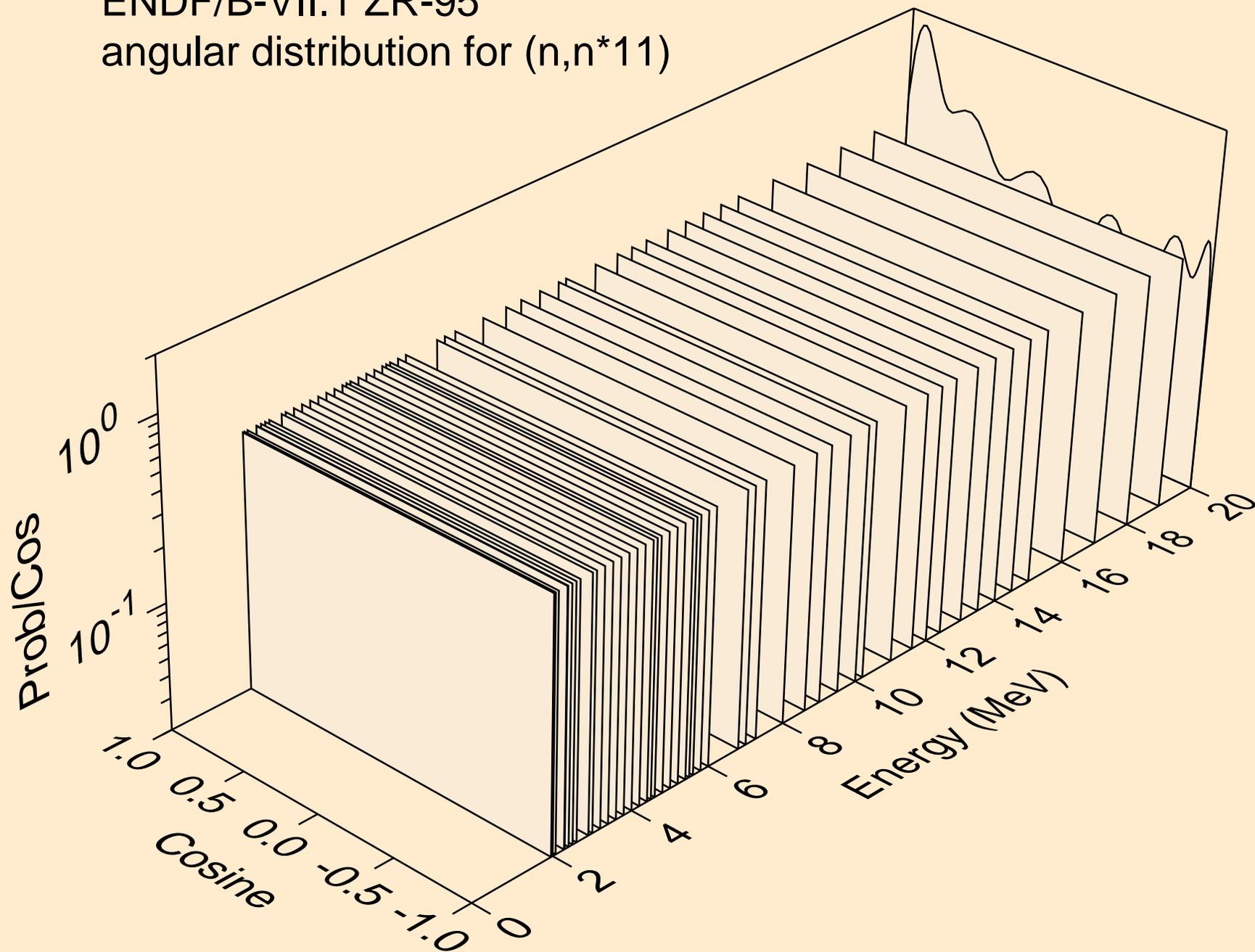
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angular distribution for (n,n\*9)



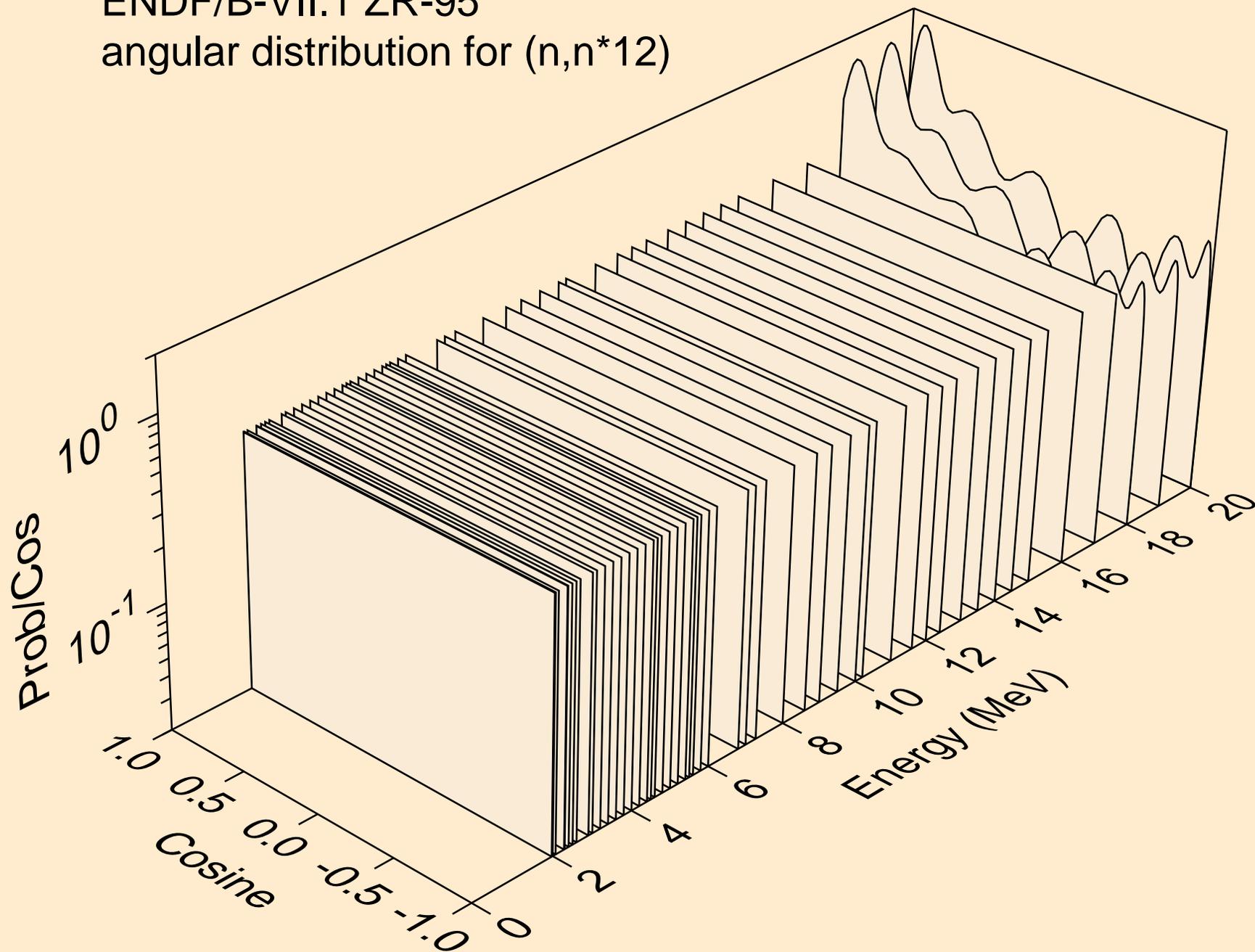
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angular distribution for (n,n\*10)



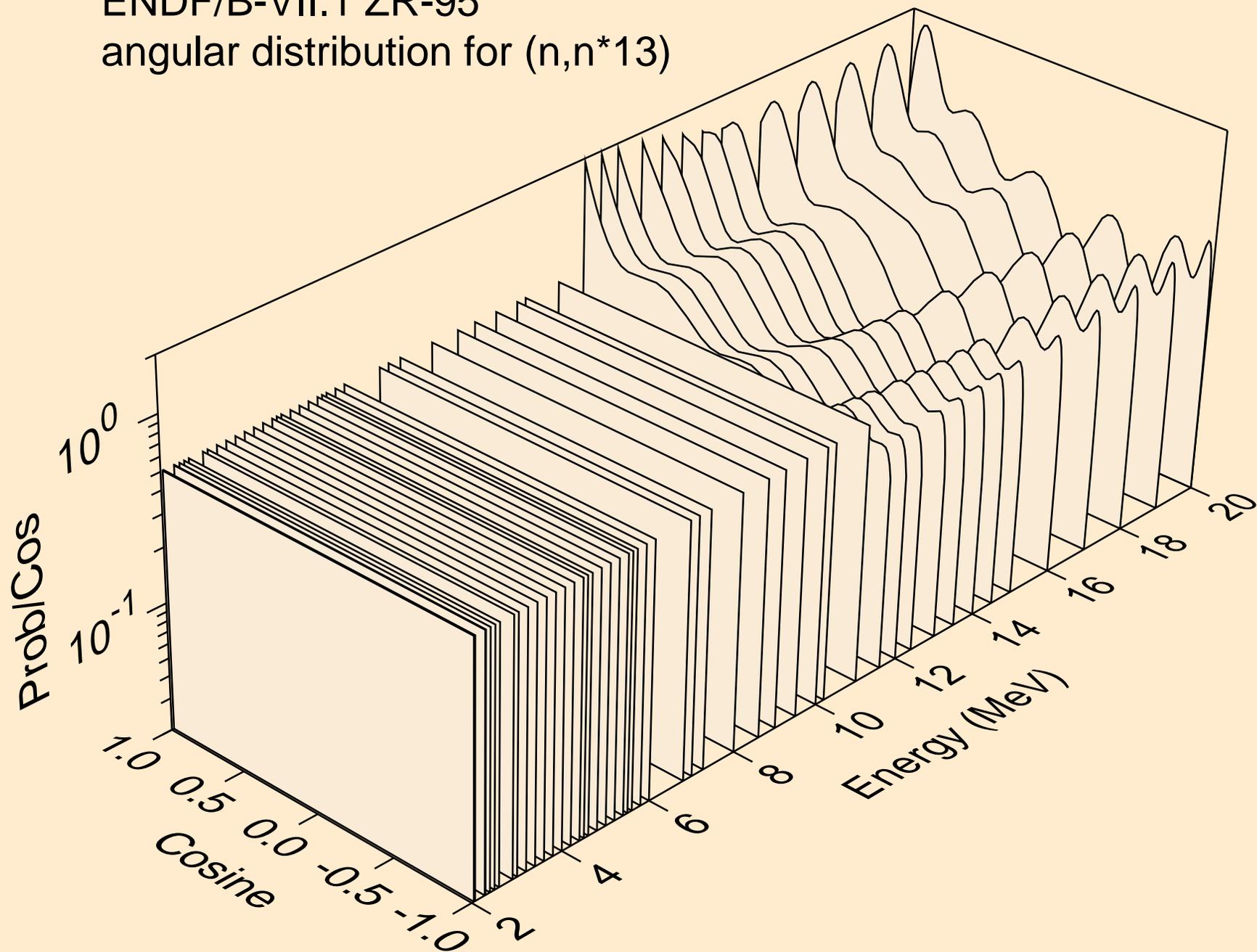
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angular distribution for (n,n\*11)



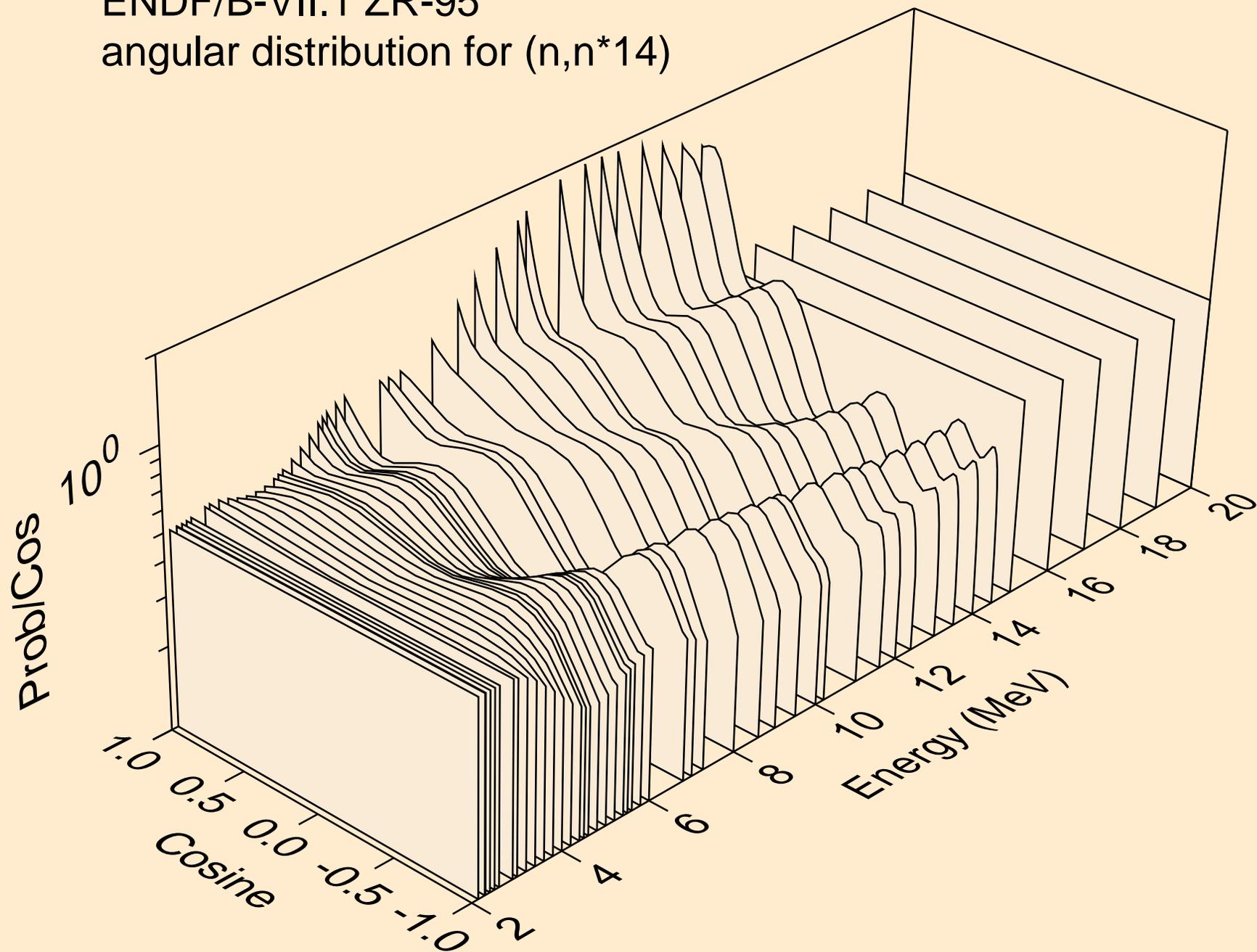
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angular distribution for (n,n\*12)



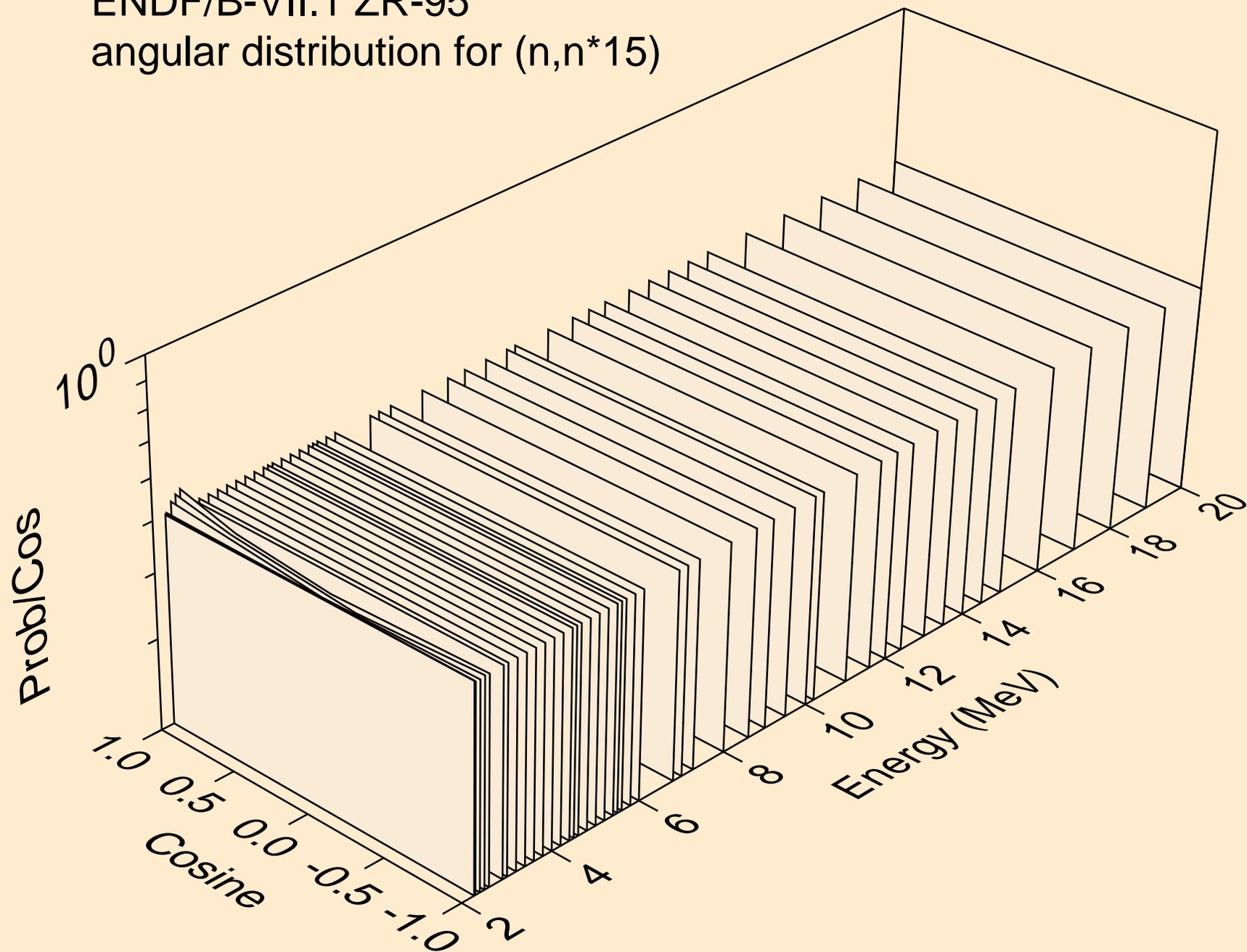
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angular distribution for (n,n\*13)



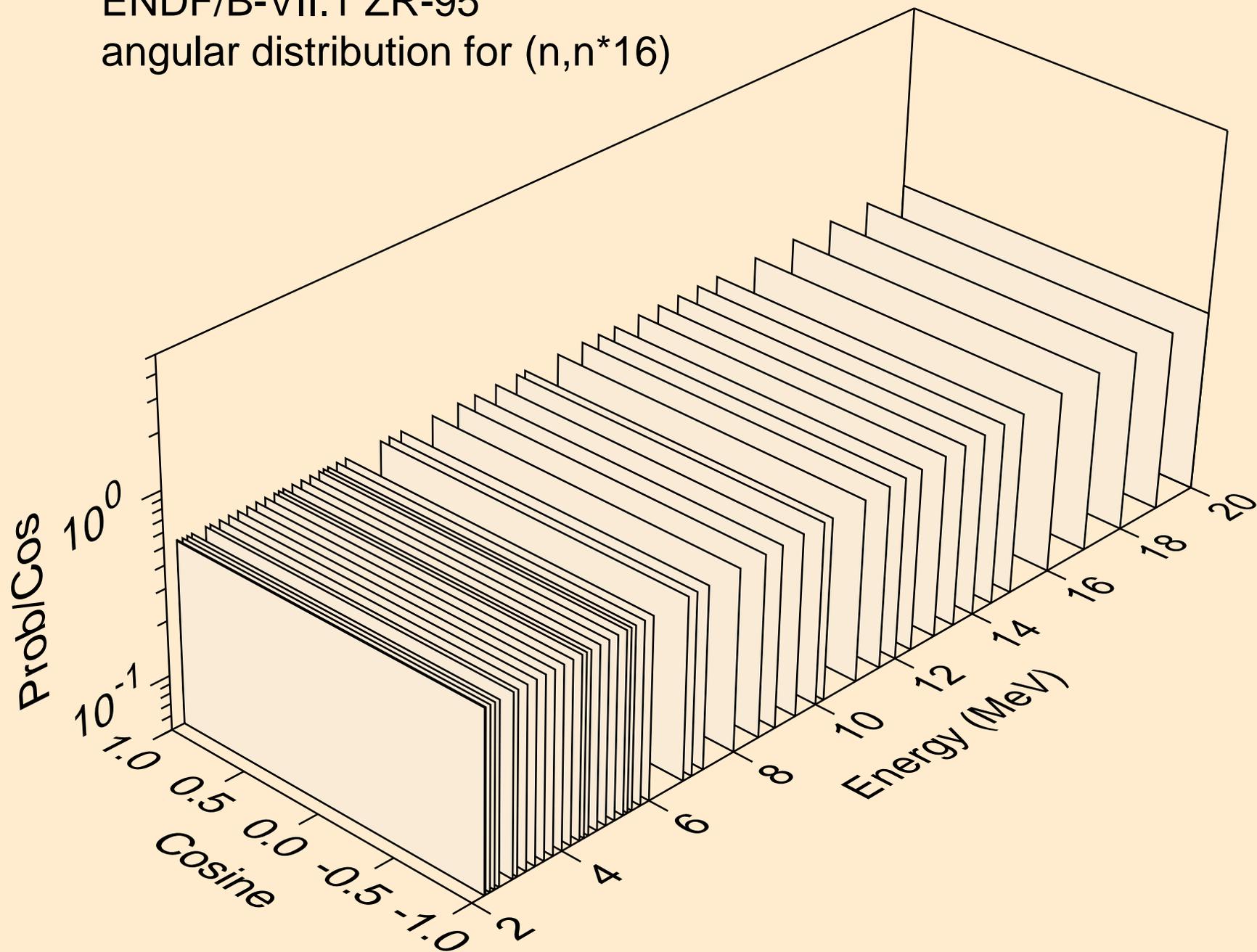
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angular distribution for (n,n\*14)



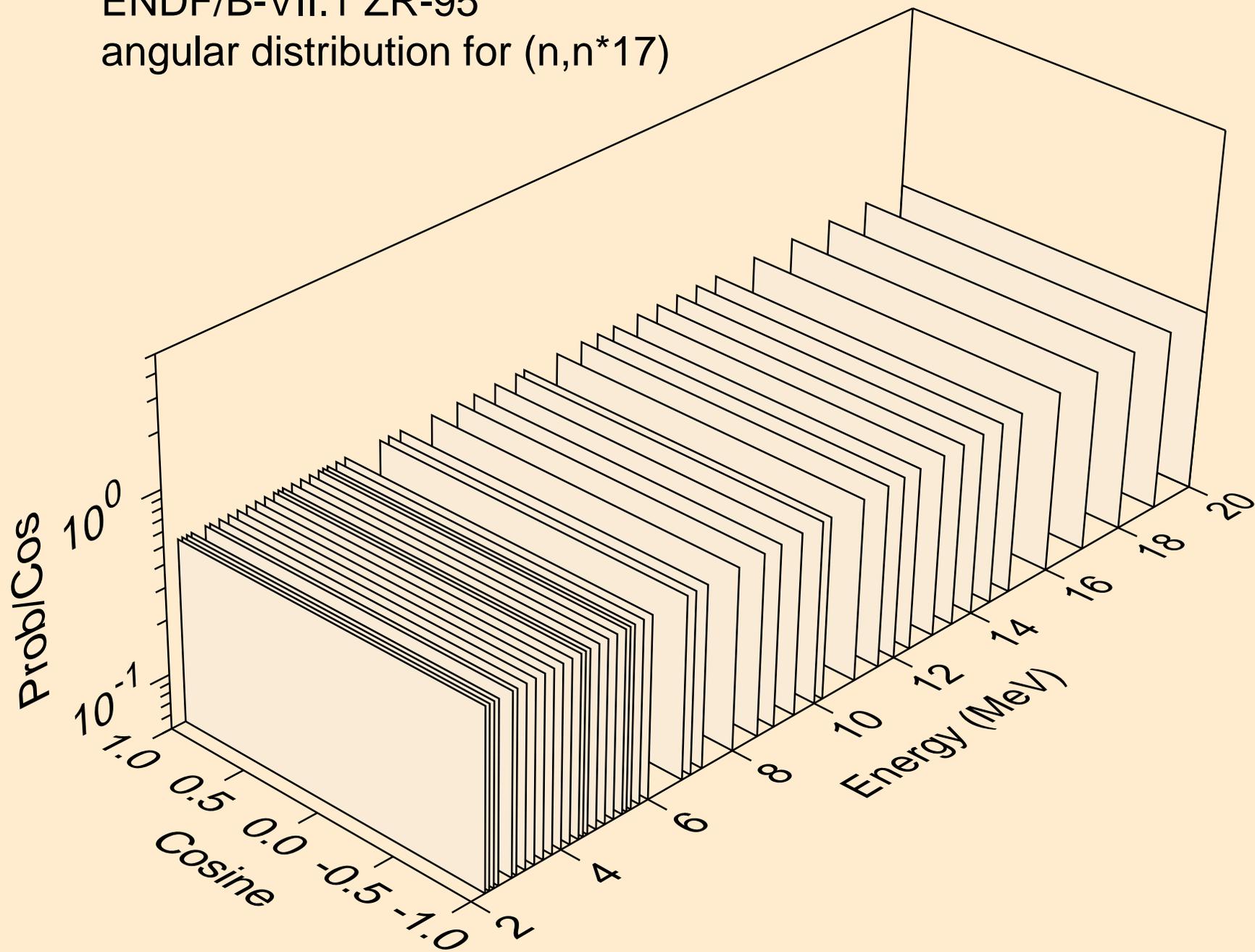
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angular distribution for (n,n\*15)



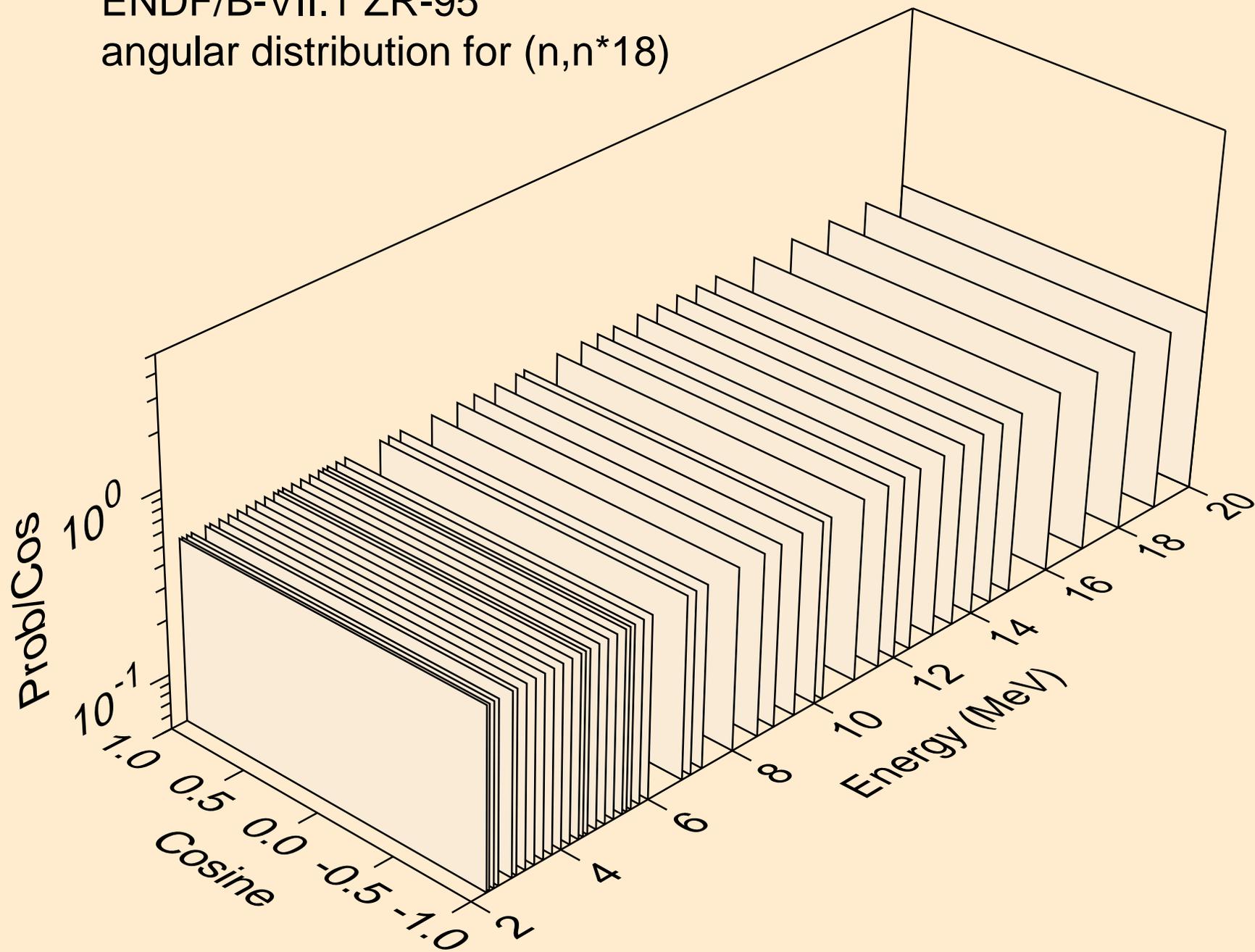
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angular distribution for (n,n\*16)



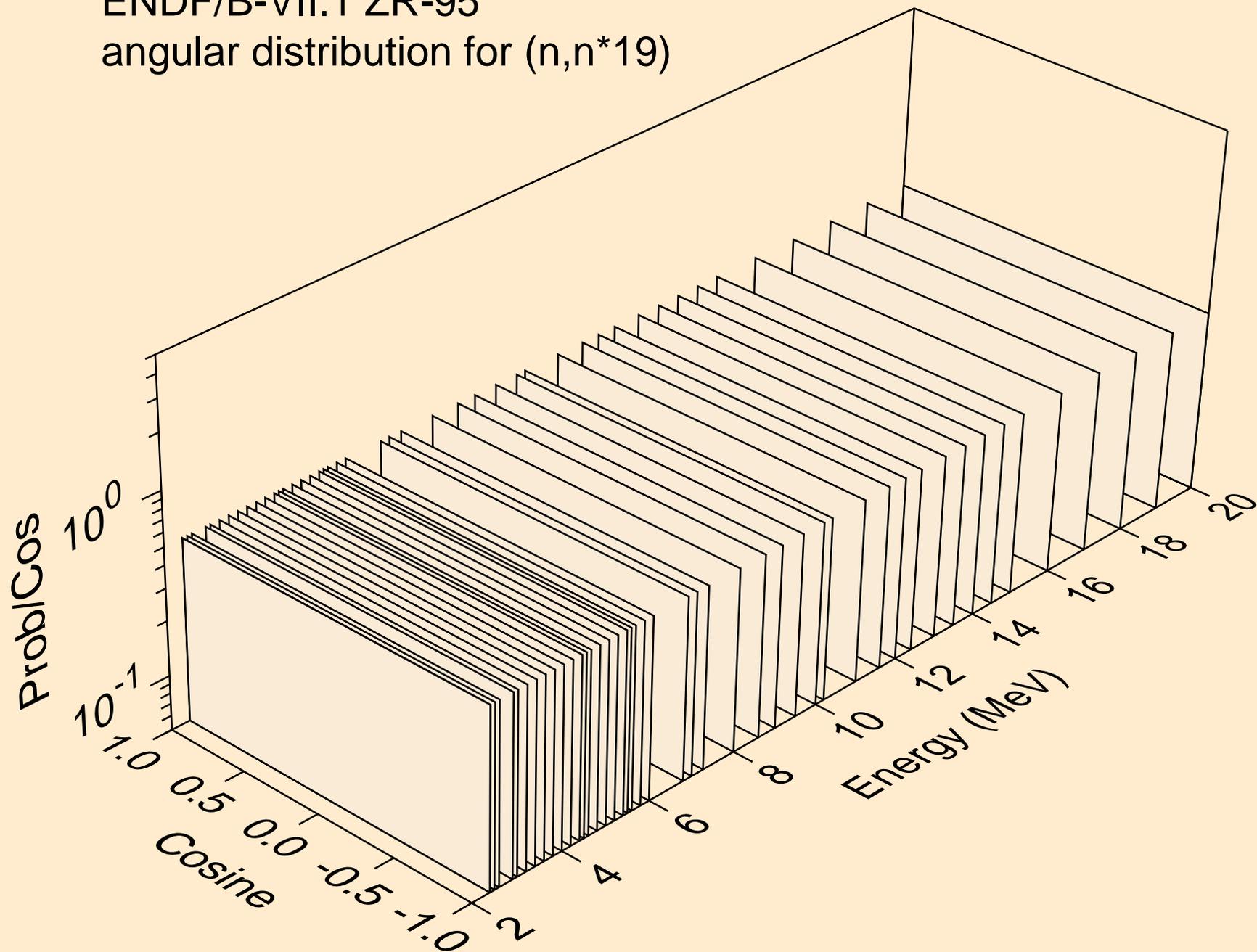
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angular distribution for (n,n\*17)



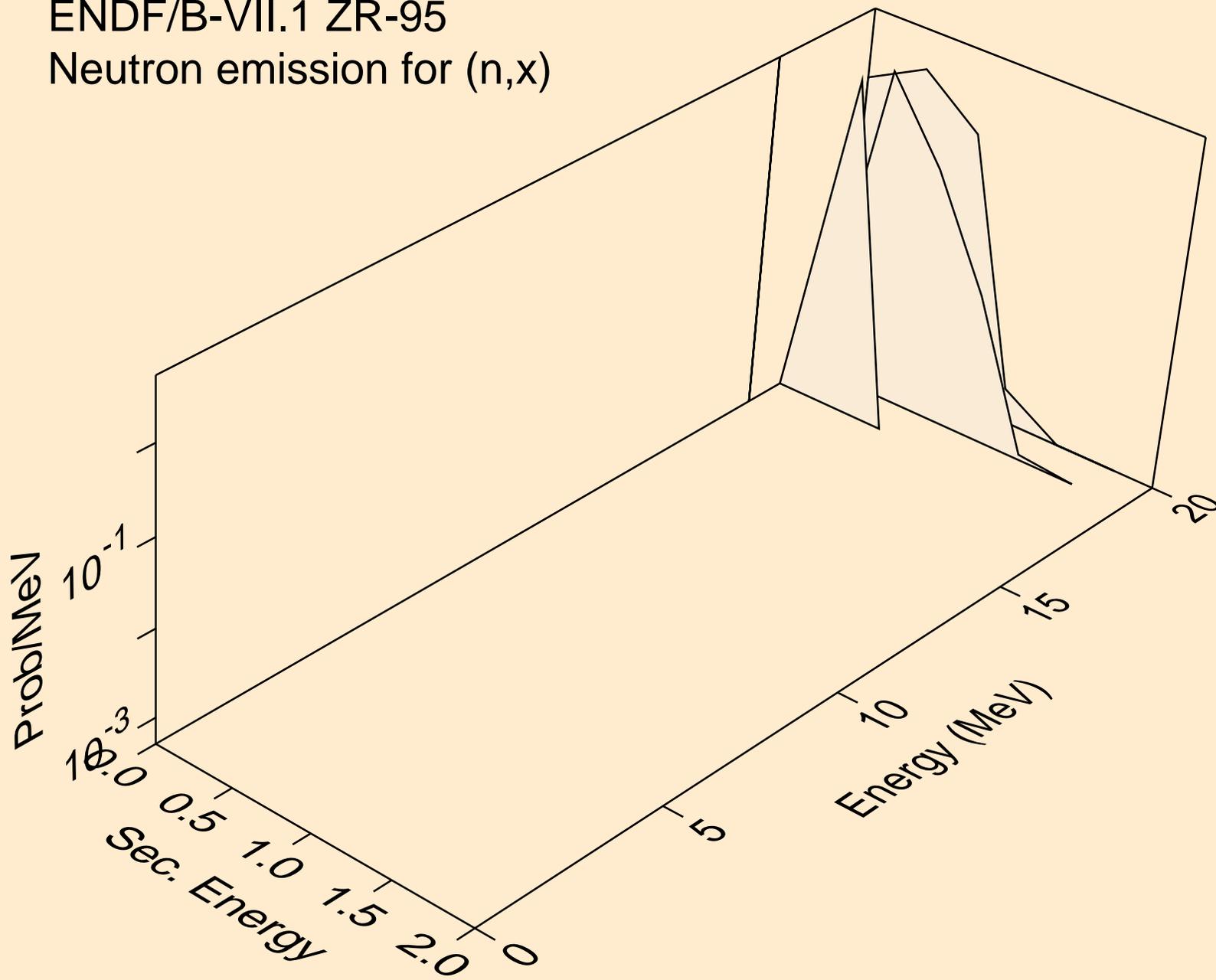
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angular distribution for (n,n\*18)



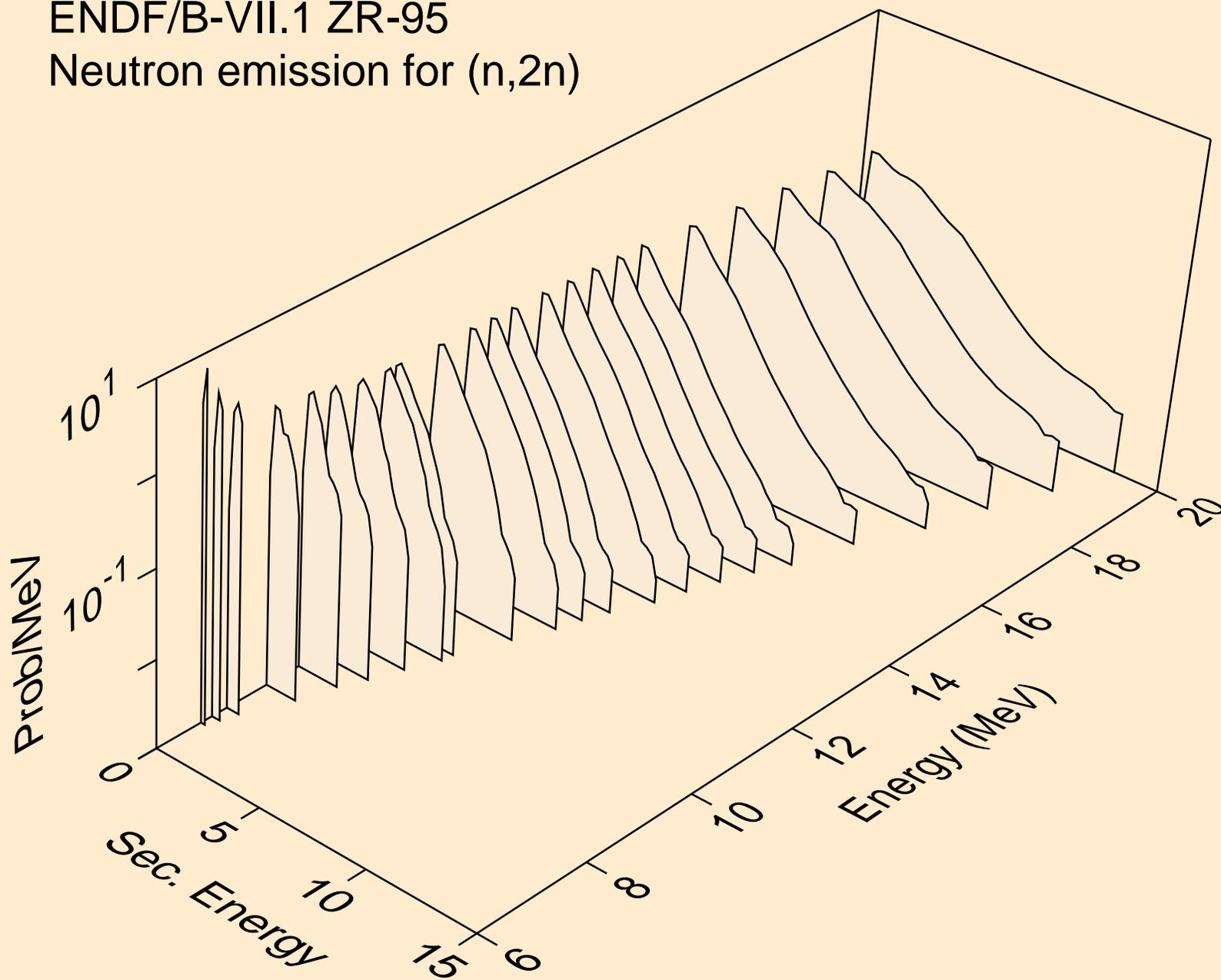
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angular distribution for (n,n\*19)



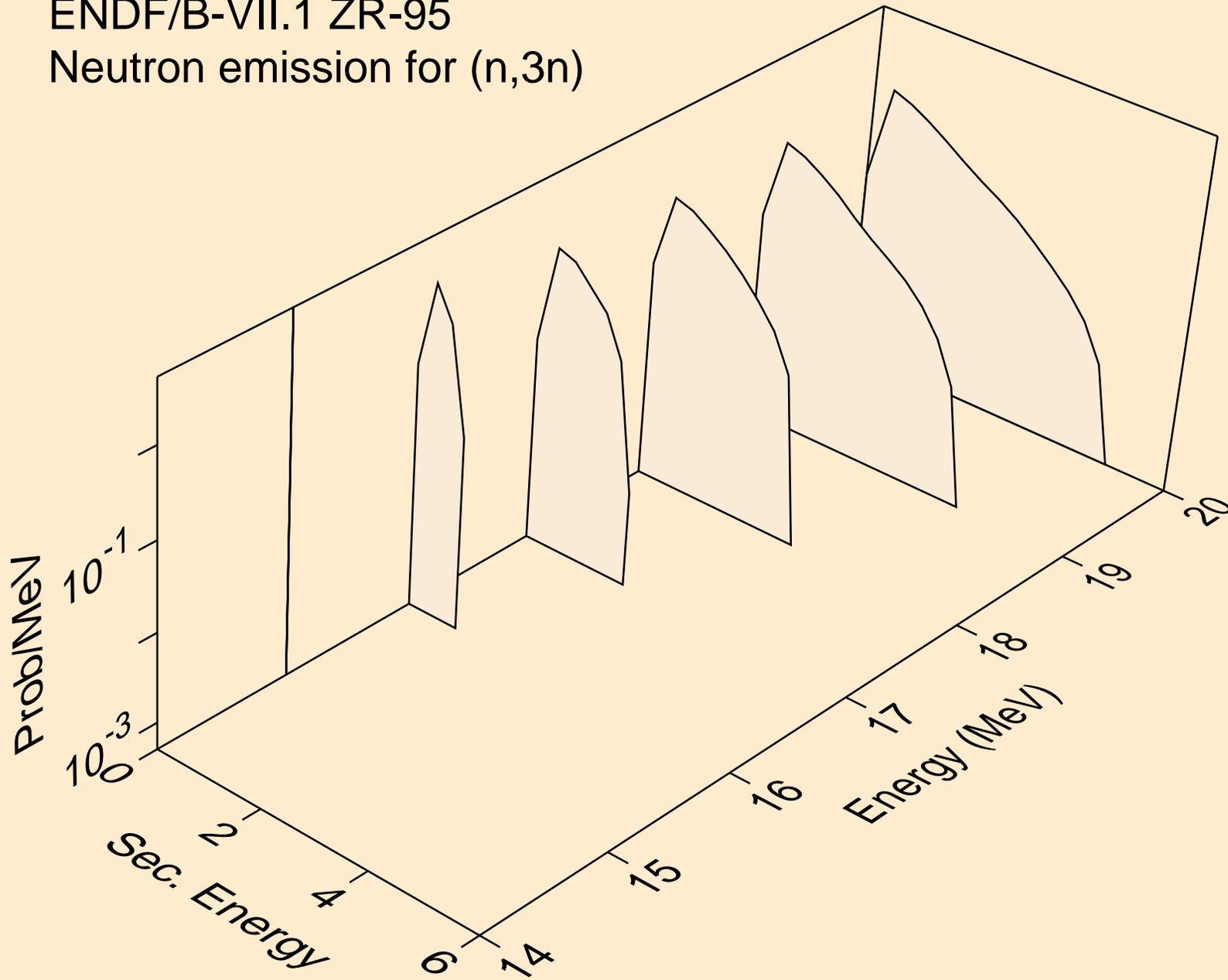
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,x)



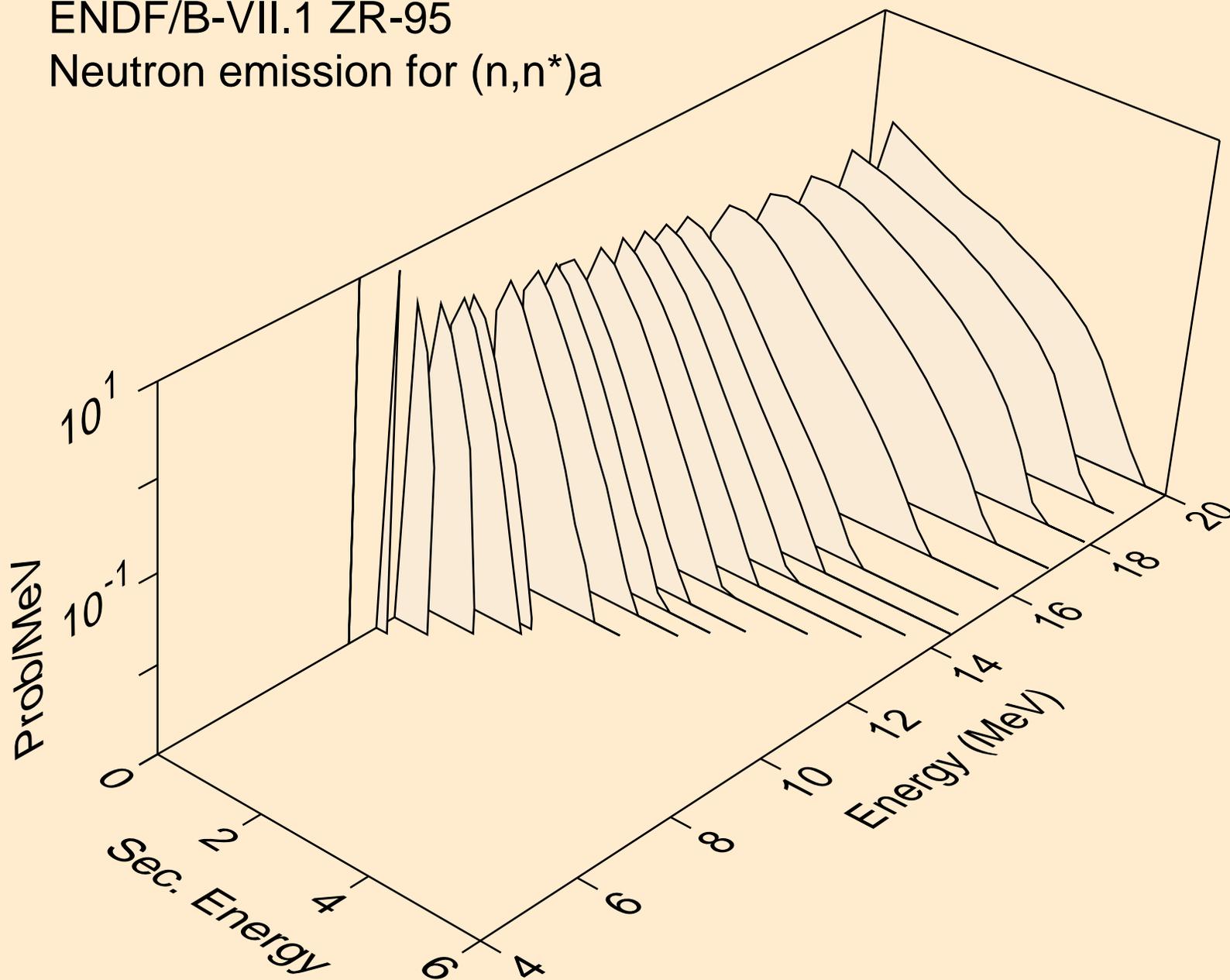
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,2n)



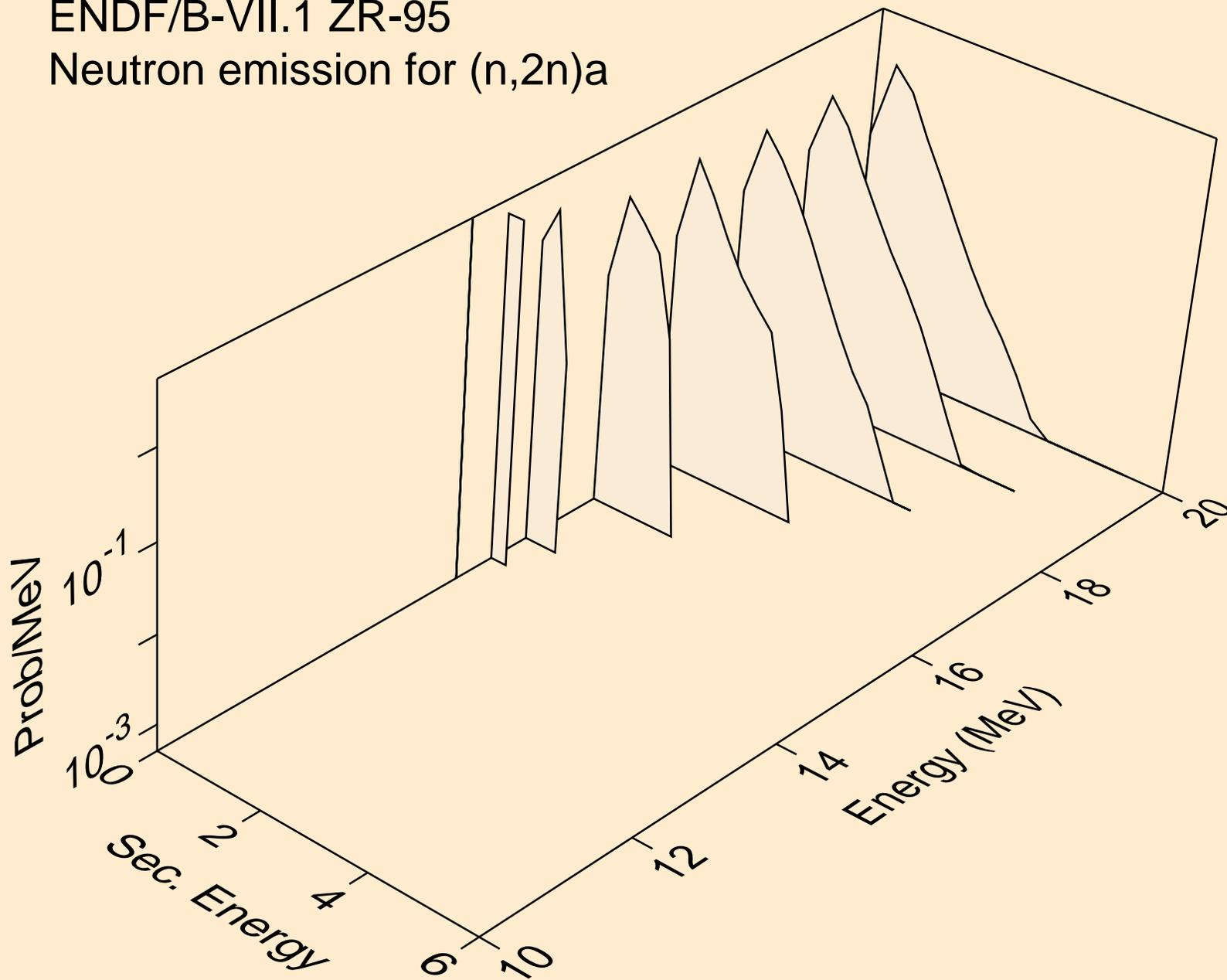
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,3n)



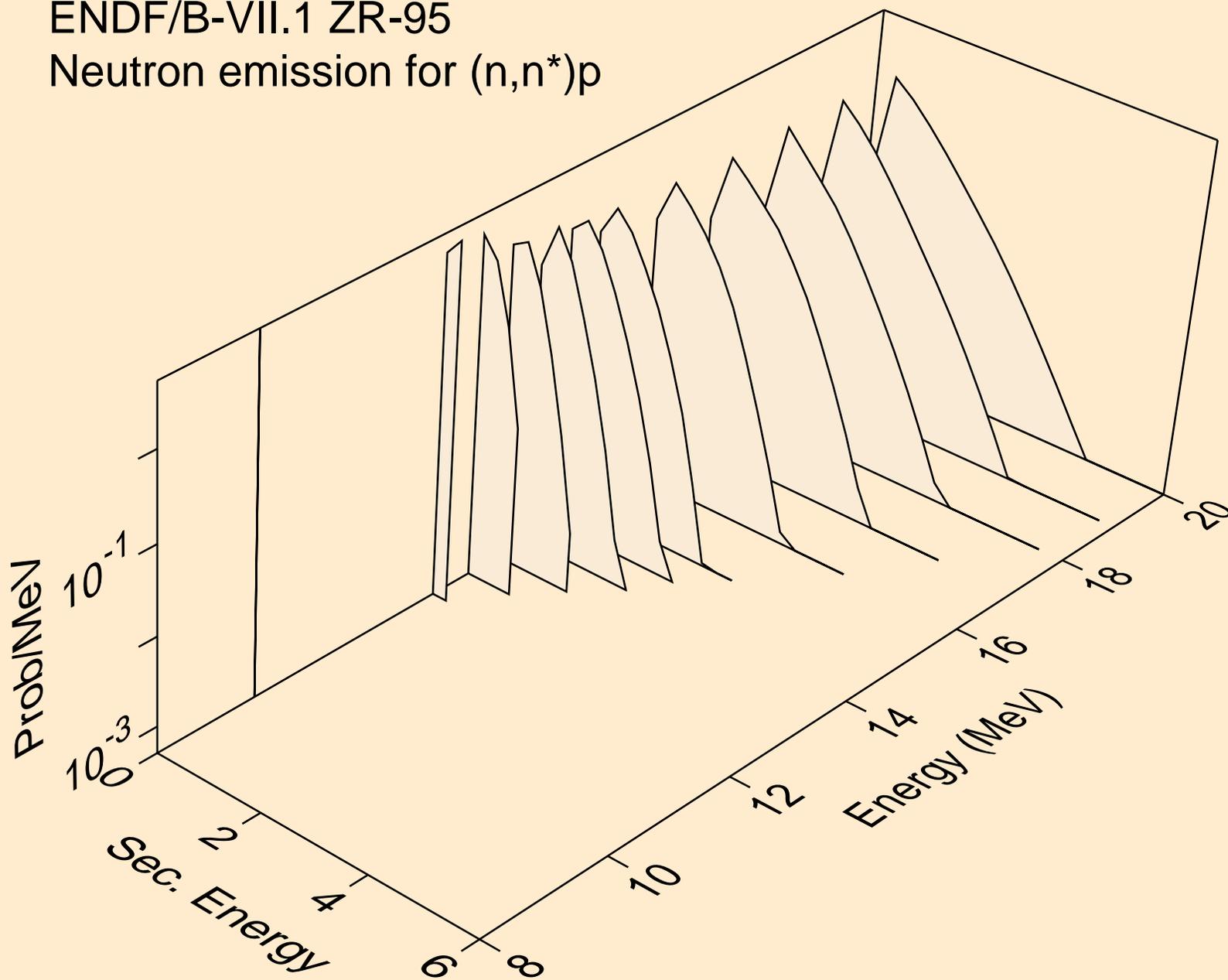
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,n\*)a



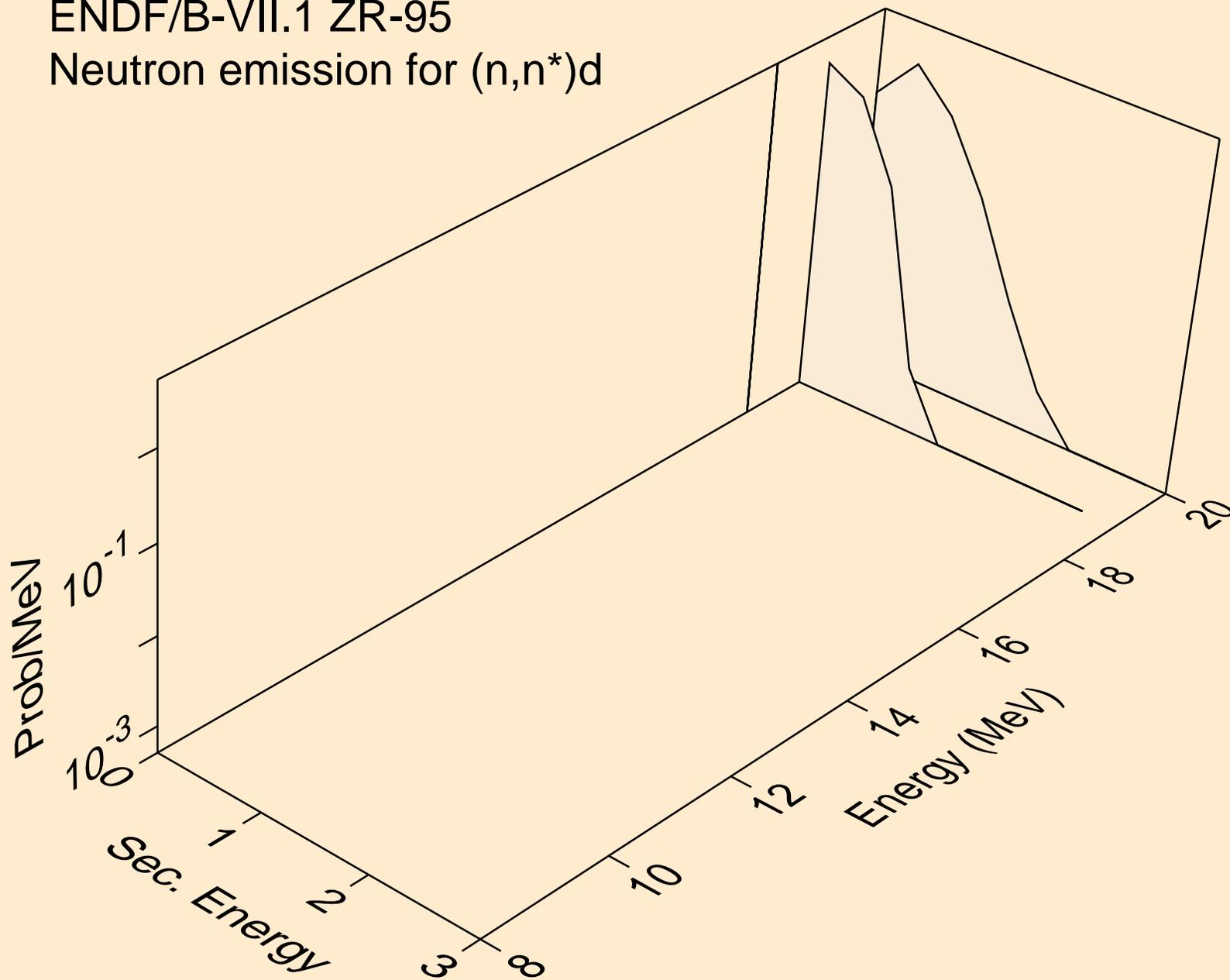
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Neutron emission for (n,2n)a



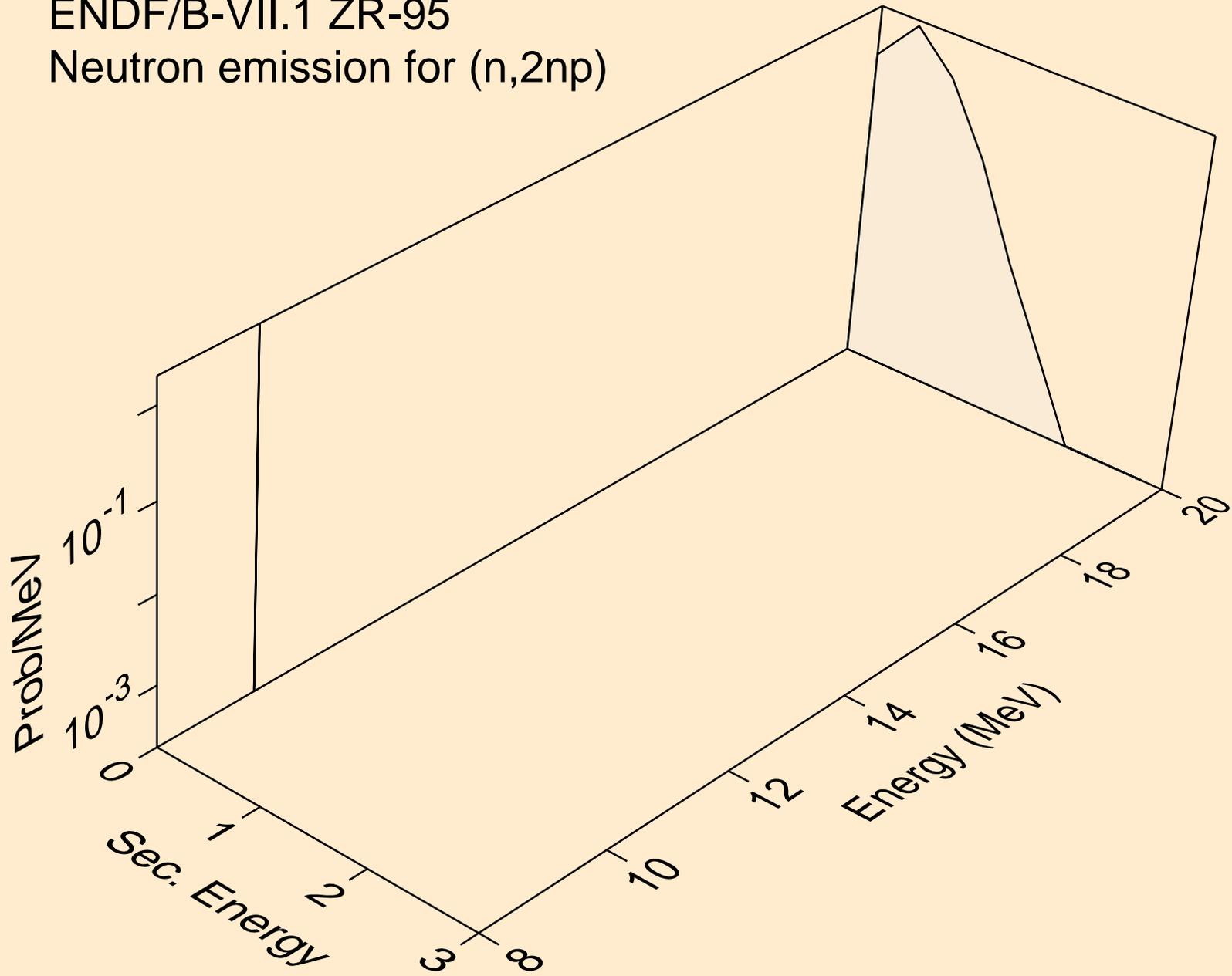
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,n\*)p



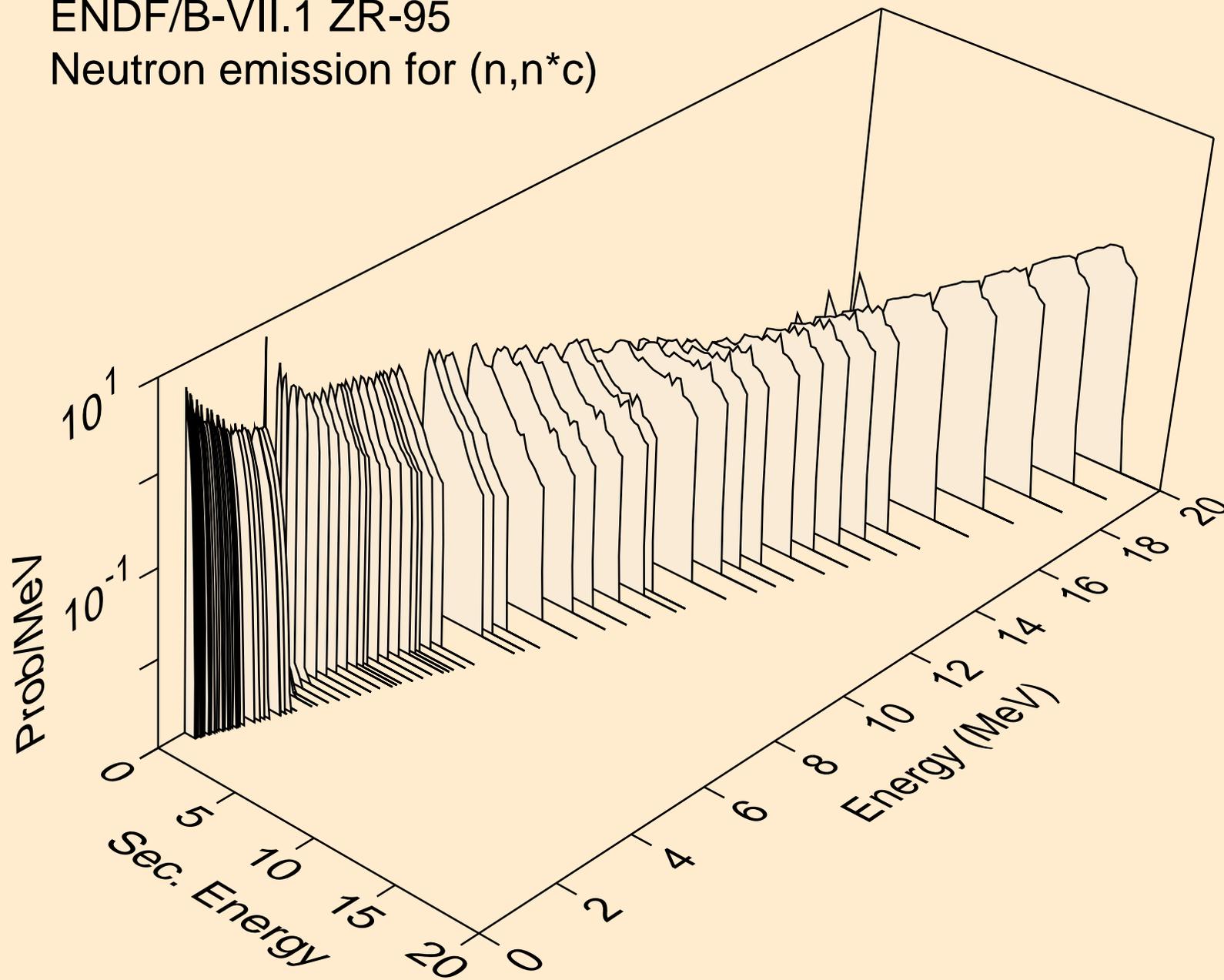
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Neutron emission for (n,n\*)d



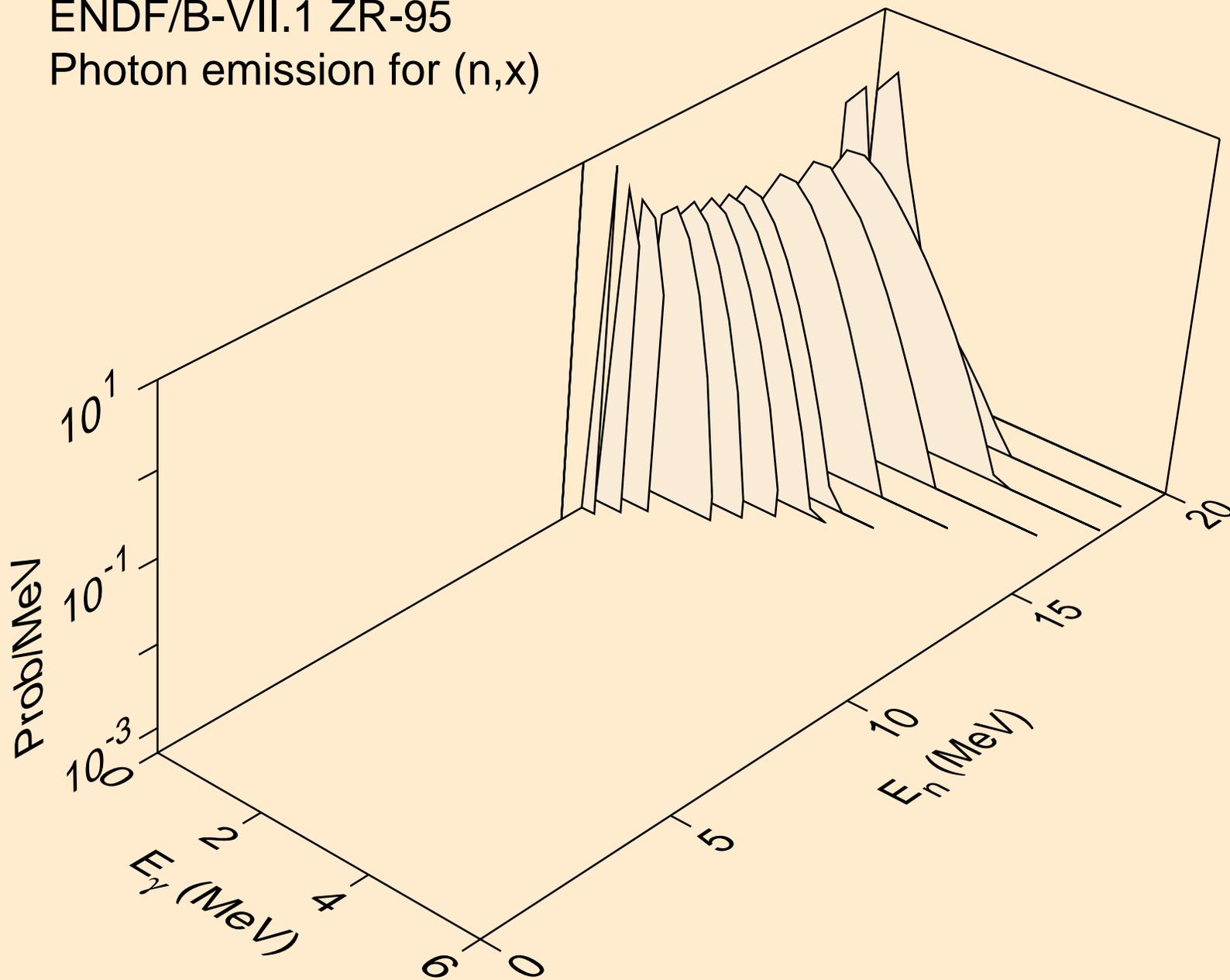
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,2np)



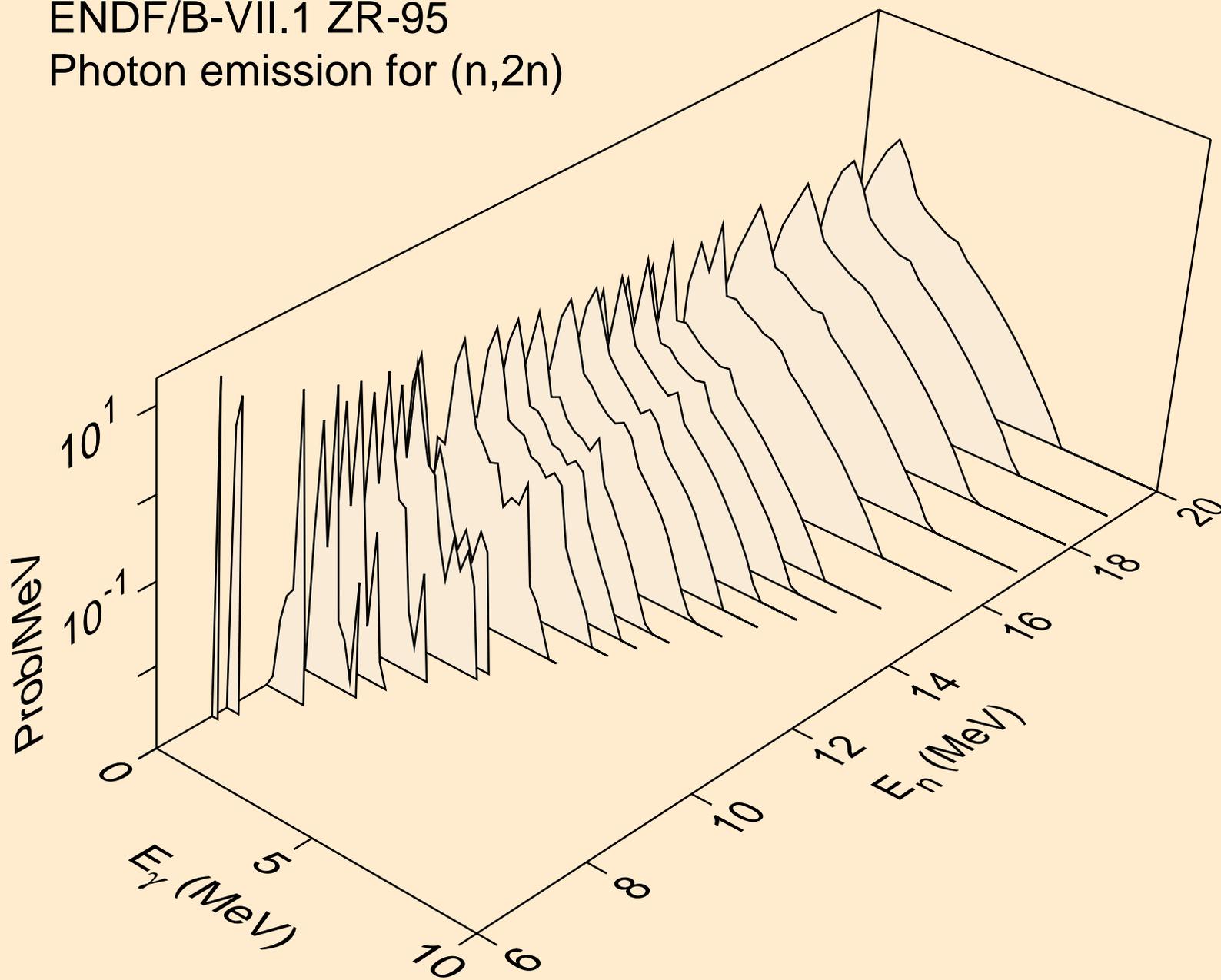
ENDF/B-VII.1 ZR-95  
Neutron emission for (n,n\*c)



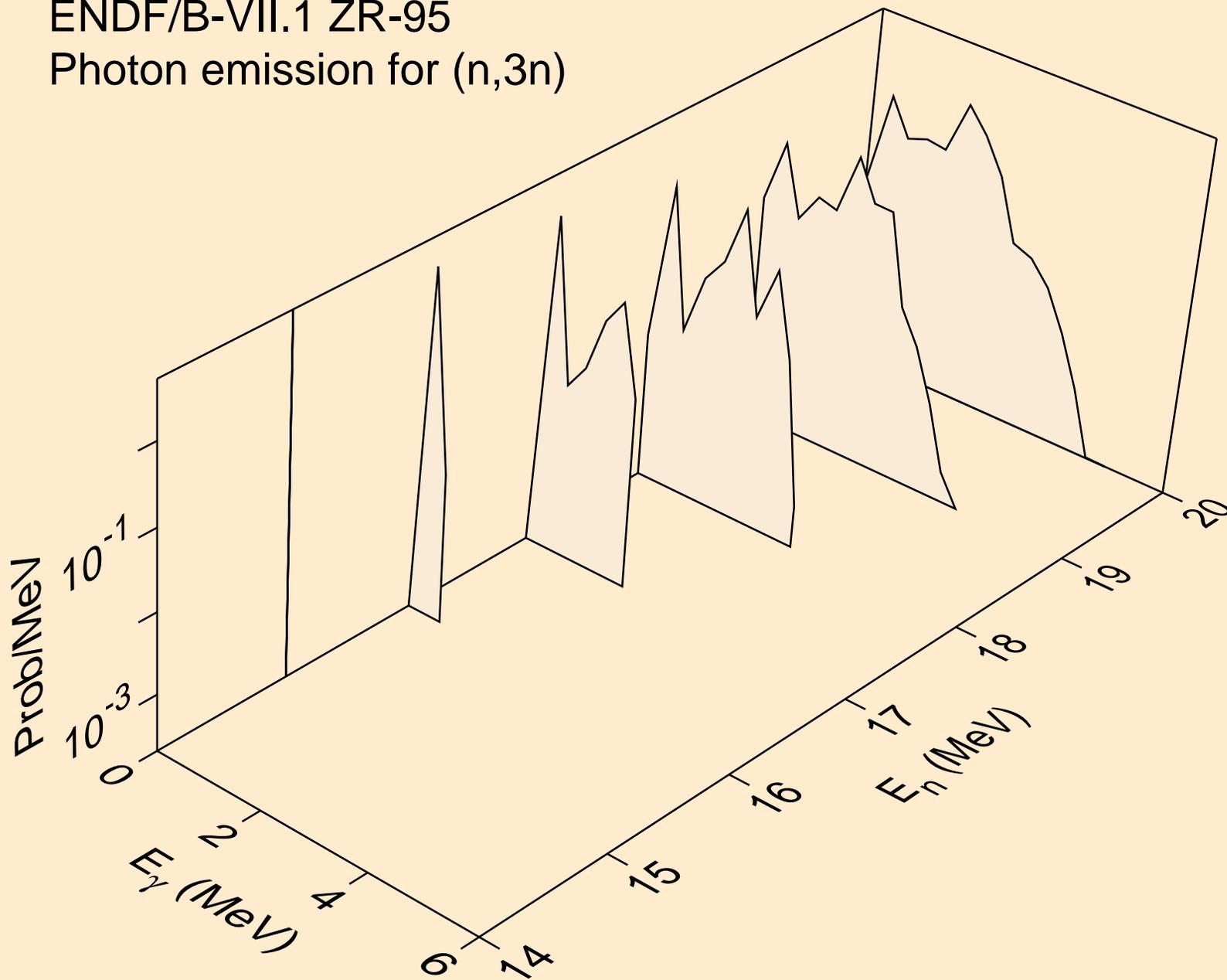
ENDF/B-VII.1 ZR-95  
Photon emission for (n,x)



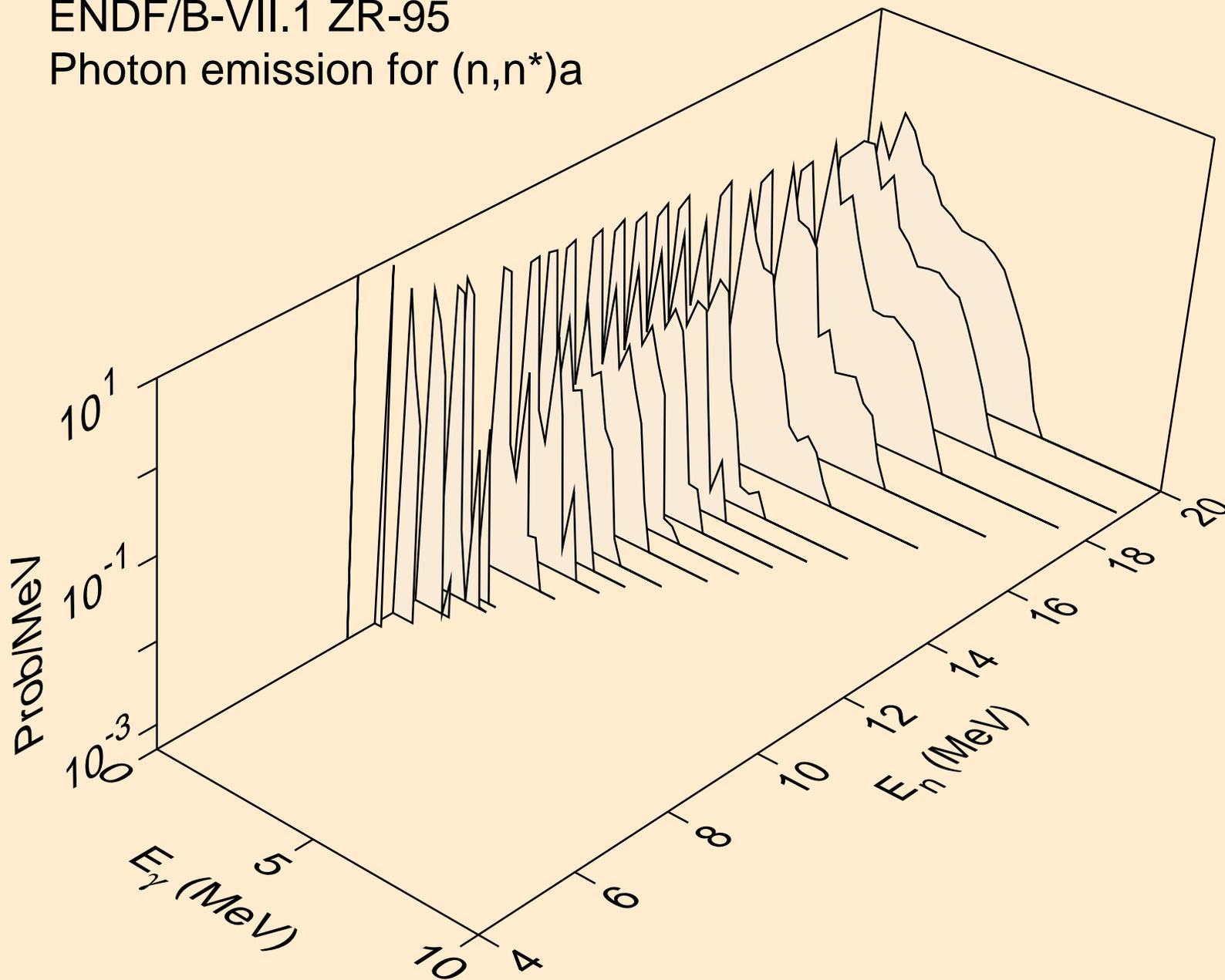
ENDF/B-VII.1 ZR-95  
Photon emission for (n,2n)



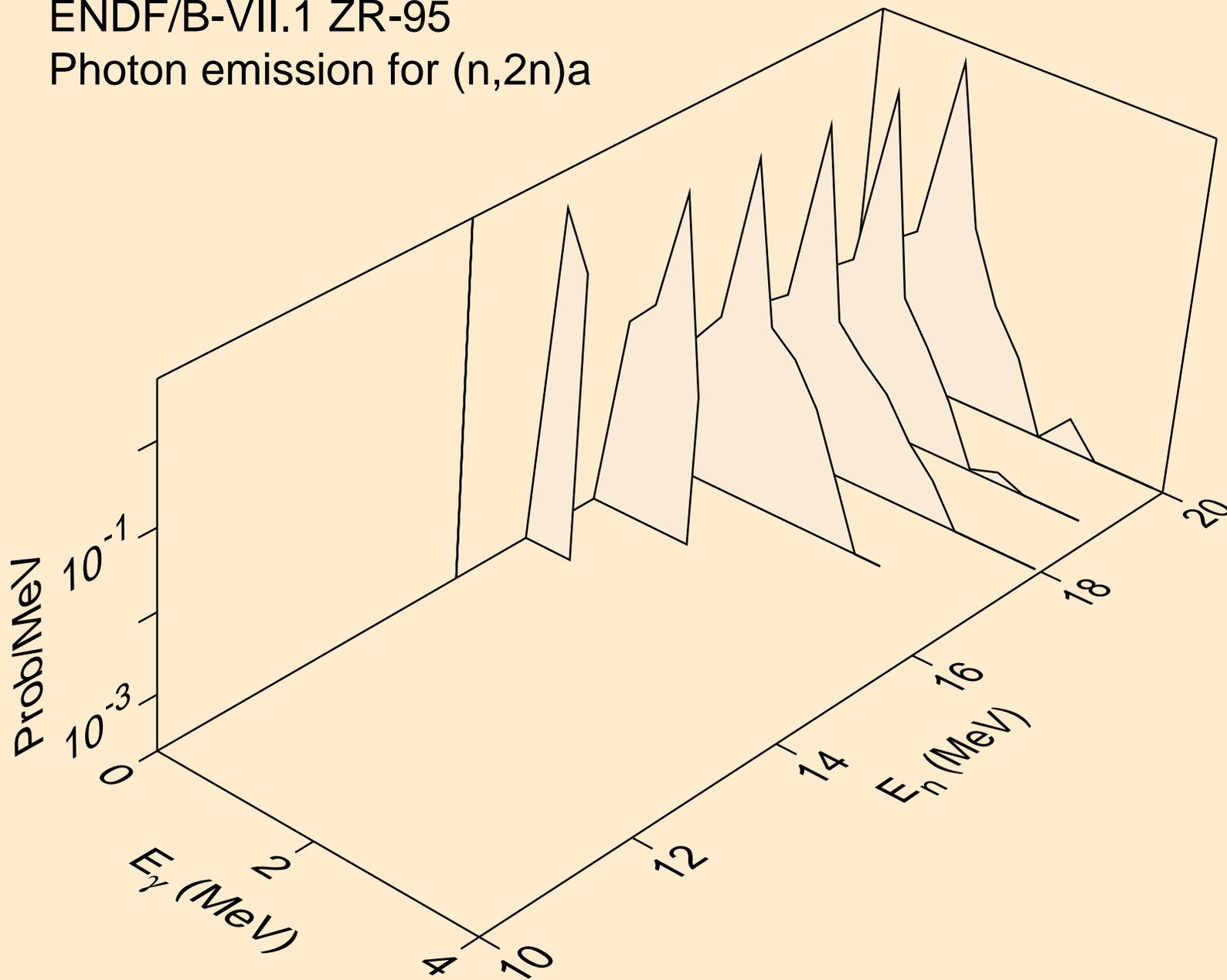
ENDF/B-VII.1 ZR-95  
Photon emission for (n,3n)



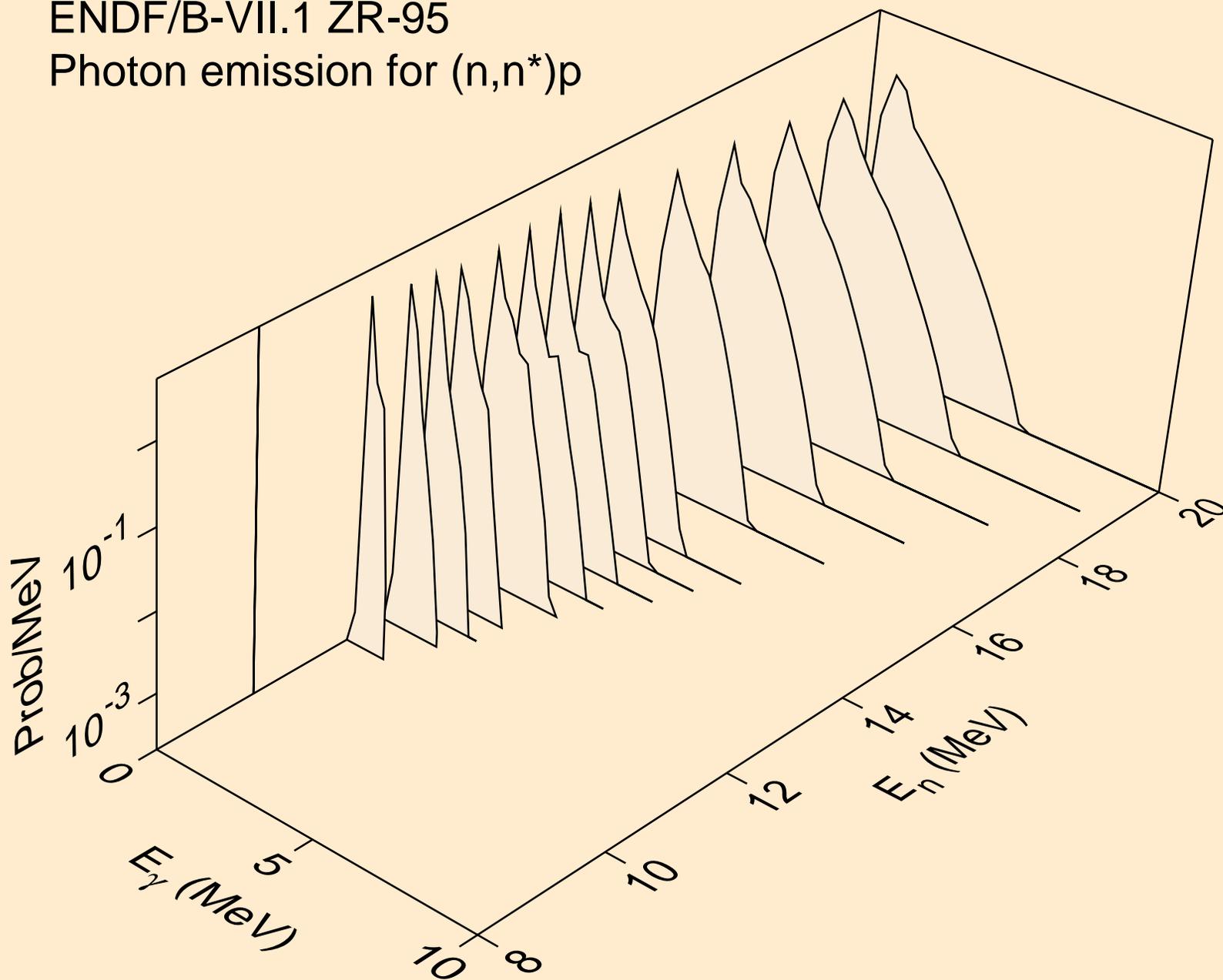
ENDF/B-VII.1 ZR-95  
Photon emission for (n,n\*)a



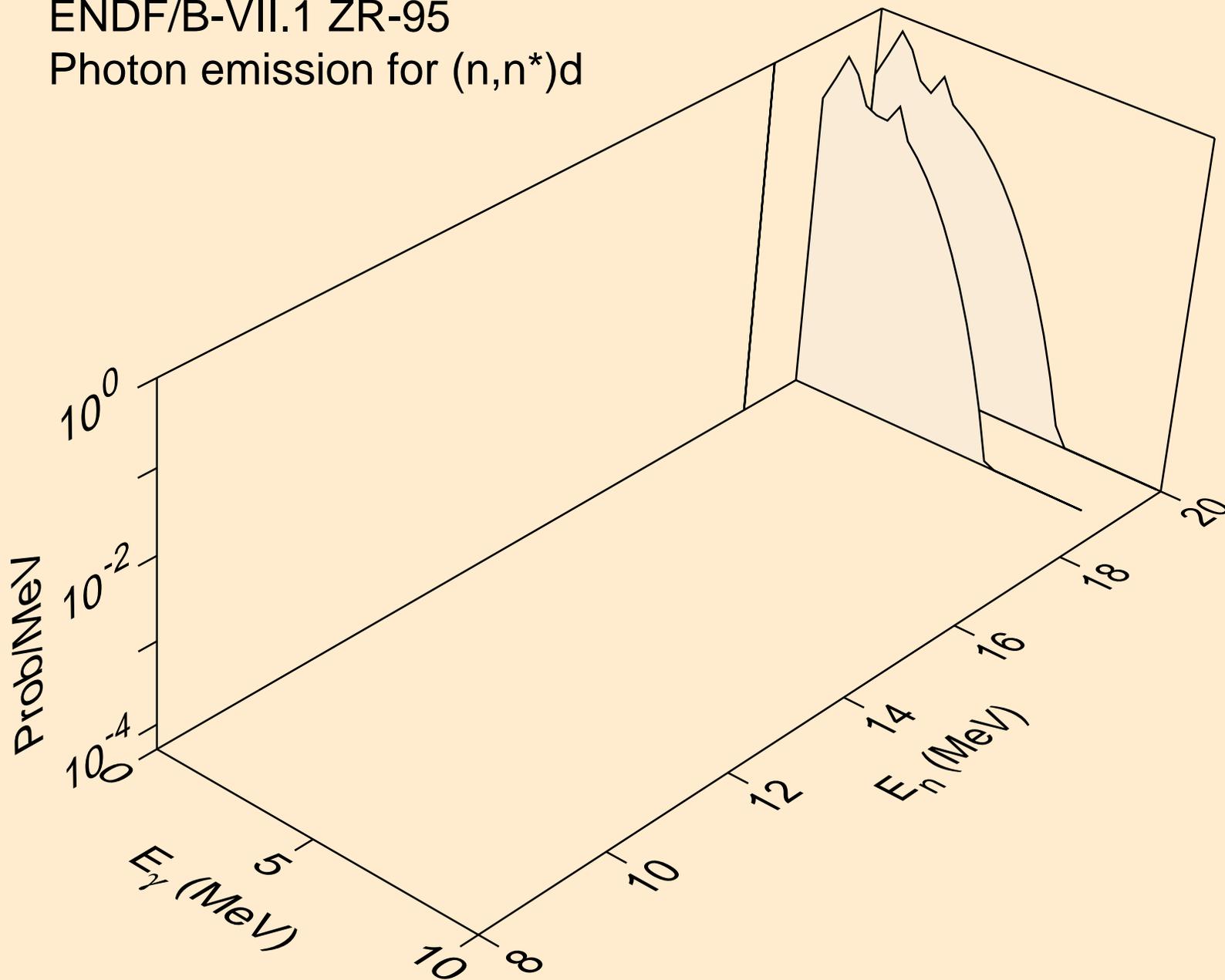
ENDF/B-VII.1 ZR-95  
Photon emission for (n,2n)a



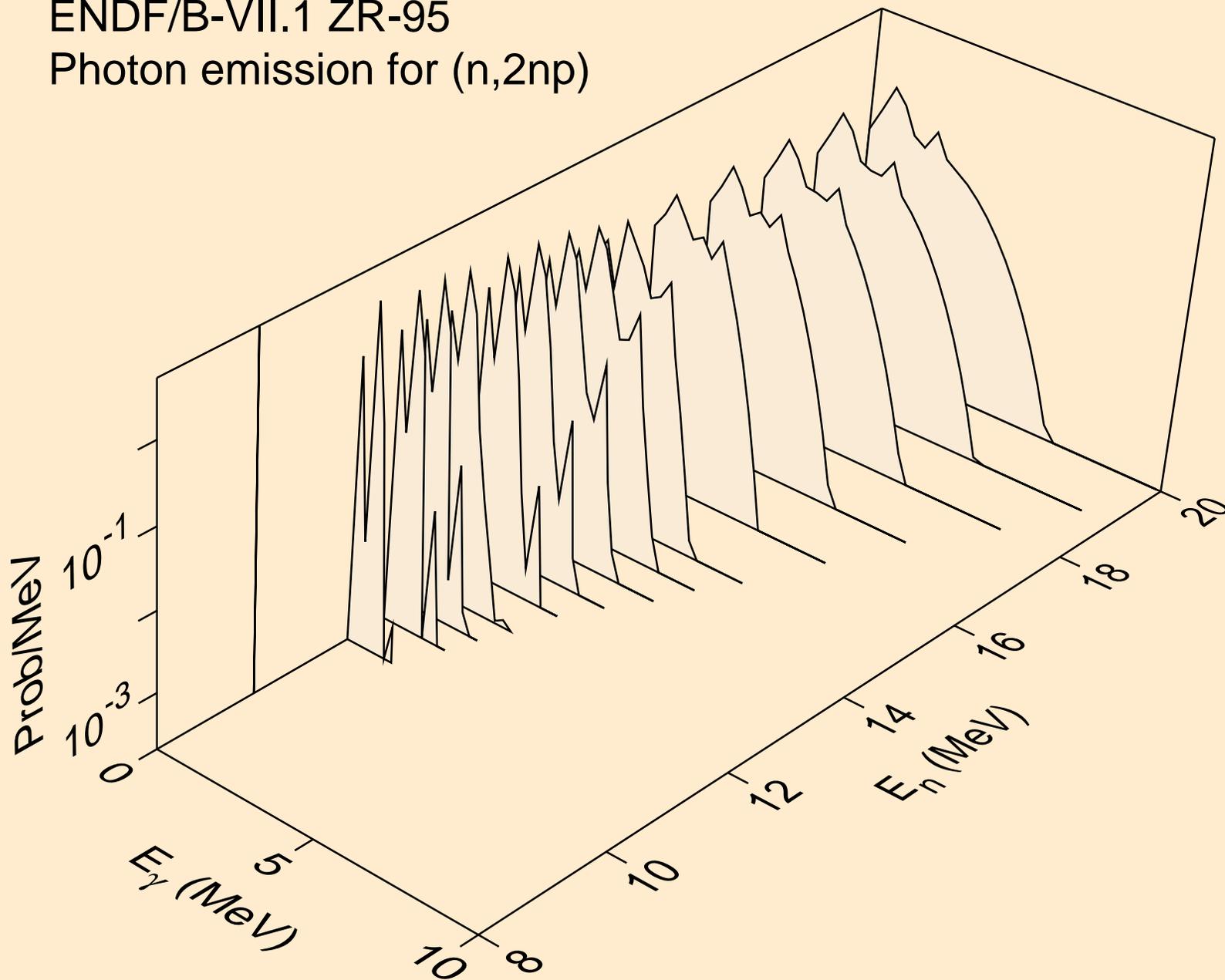
ENDF/B-VII.1 ZR-95  
Photon emission for (n,n\*)p



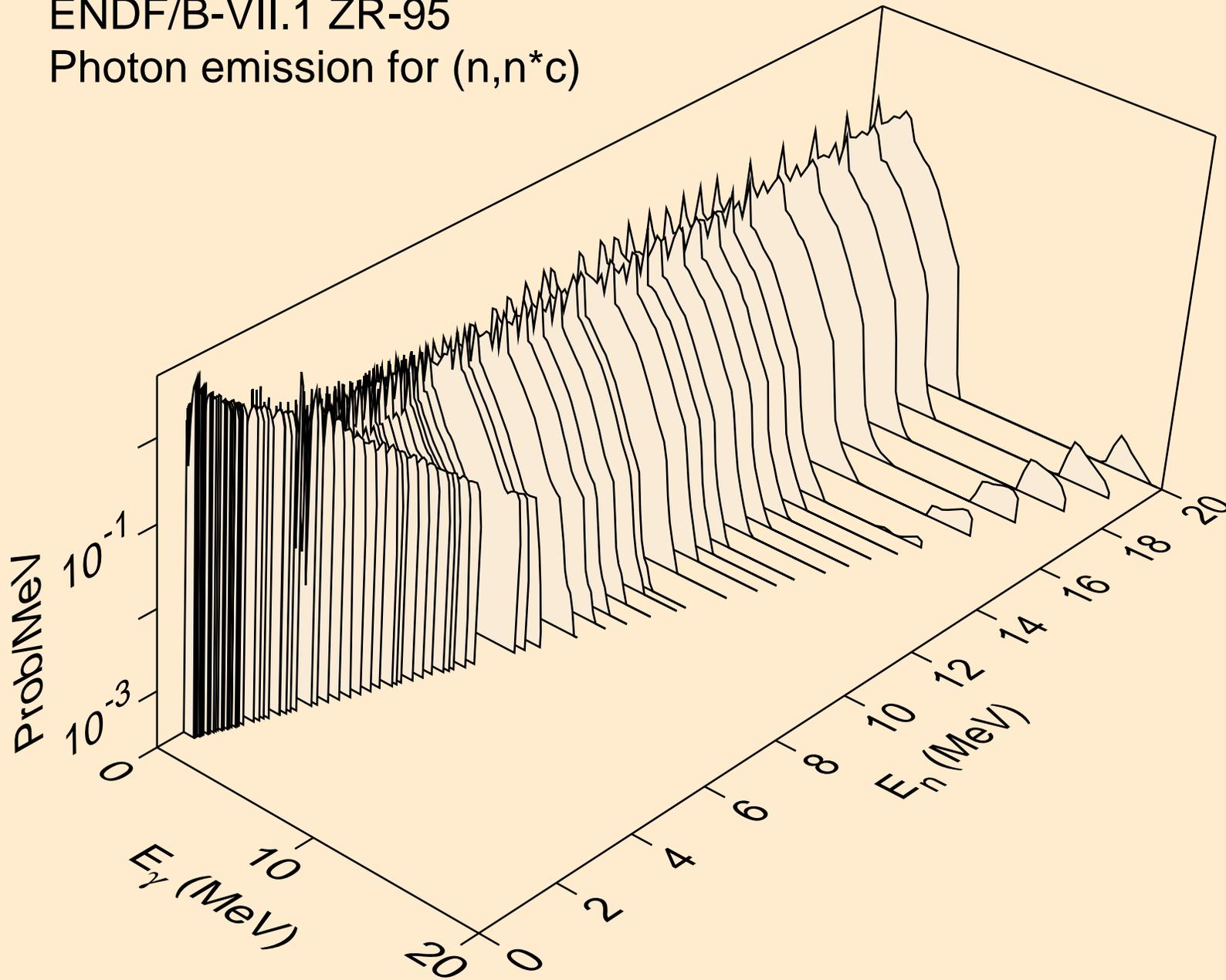
ENDF/B-VII.1 ZR-95  
Photon emission for (n,n\*)d



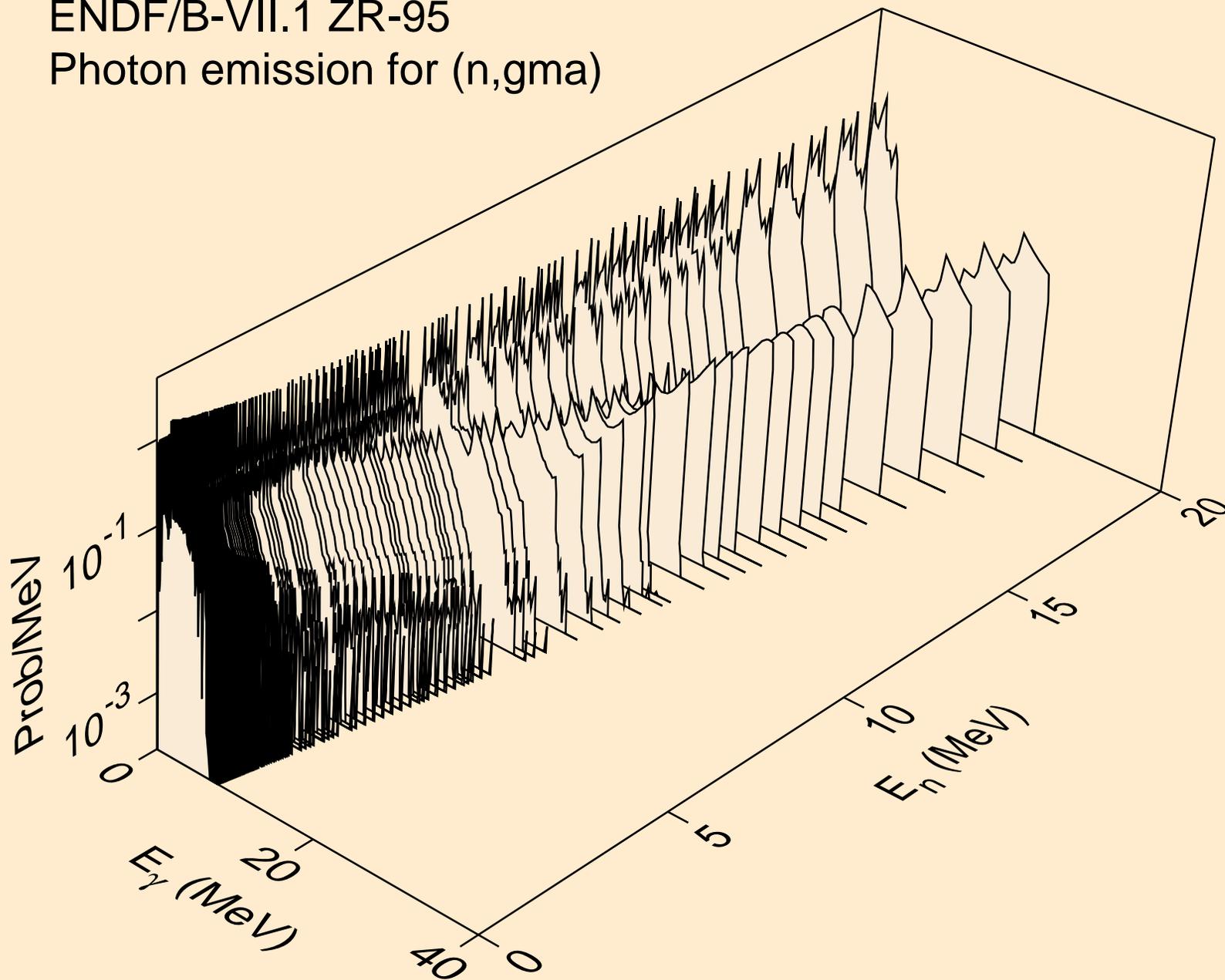
ENDF/B-VII.1 ZR-95  
Photon emission for (n,2np)



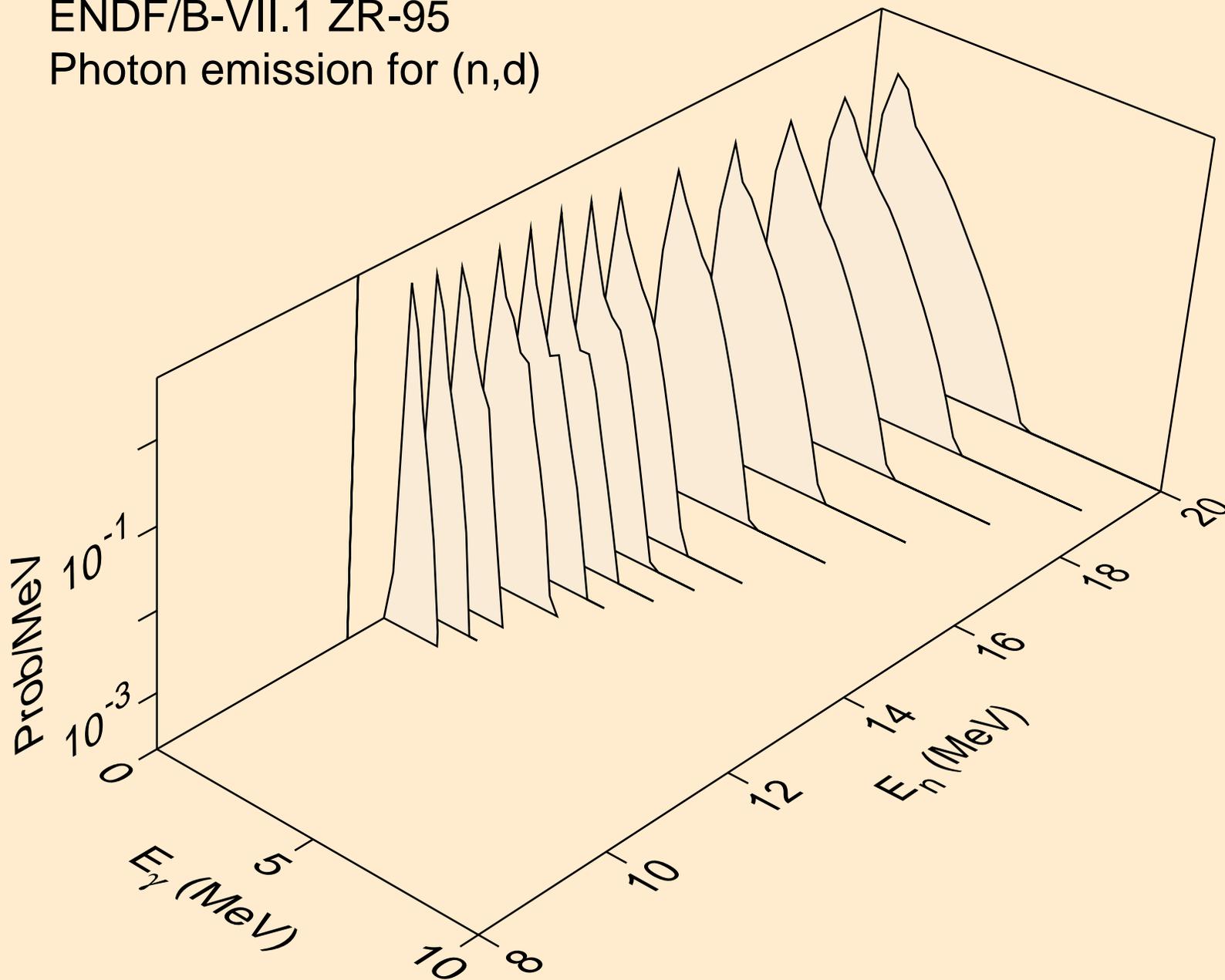
ENDF/B-VII.1 ZR-95  
Photon emission for (n,n\*c)



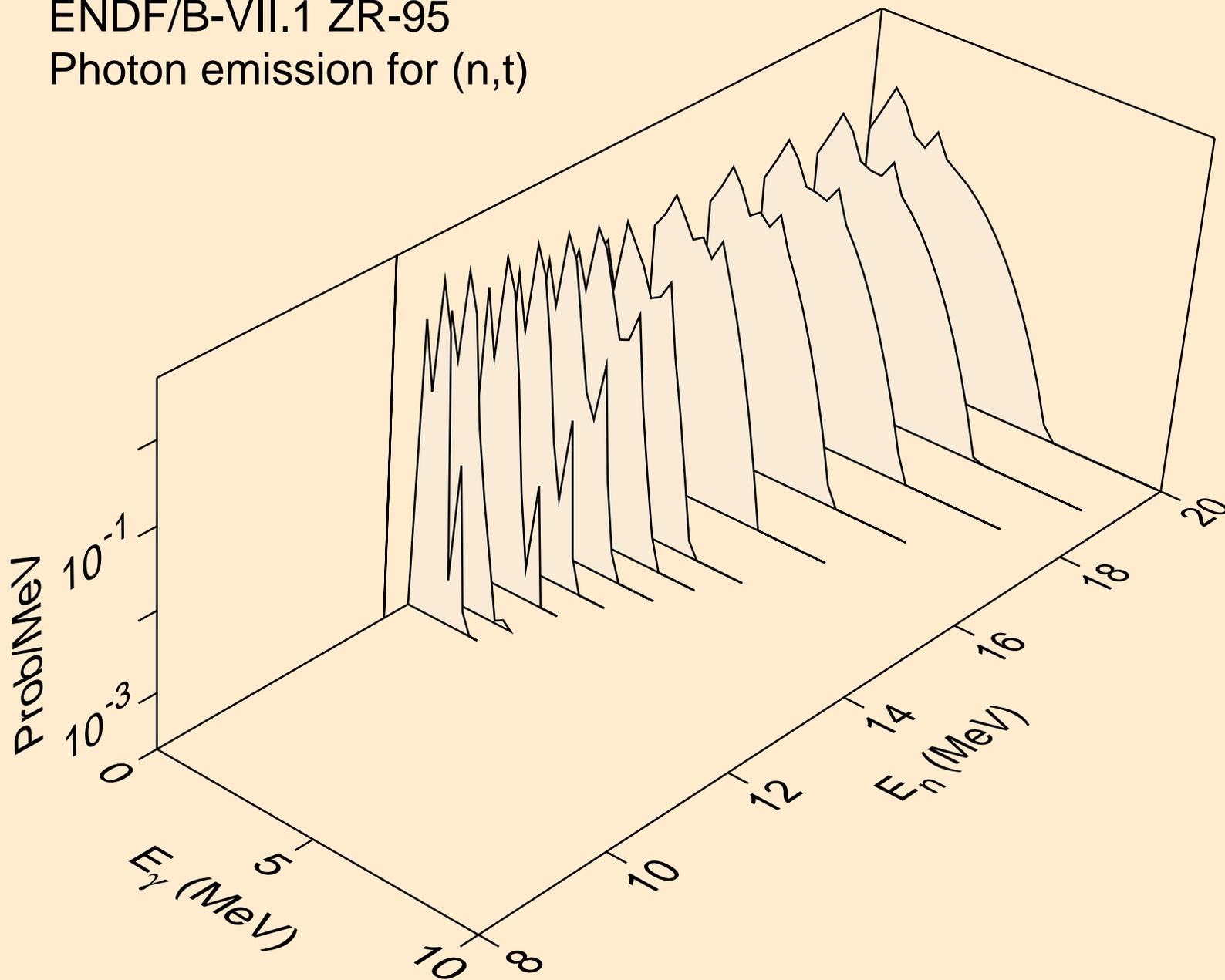
ENDF/B-VII.1 ZR-95  
Photon emission for (n,gma)



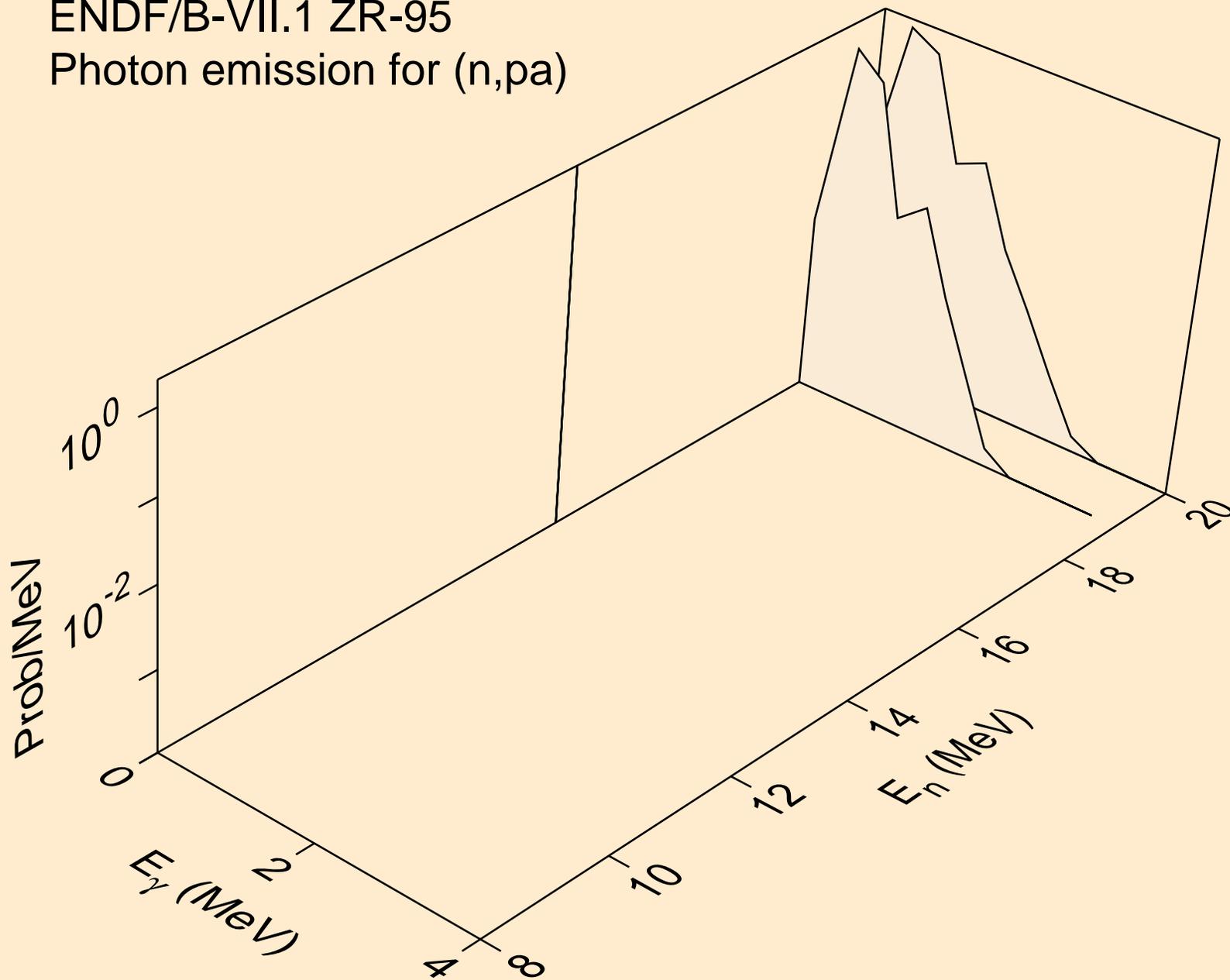
ENDF/B-VII.1 ZR-95  
Photon emission for (n,d)



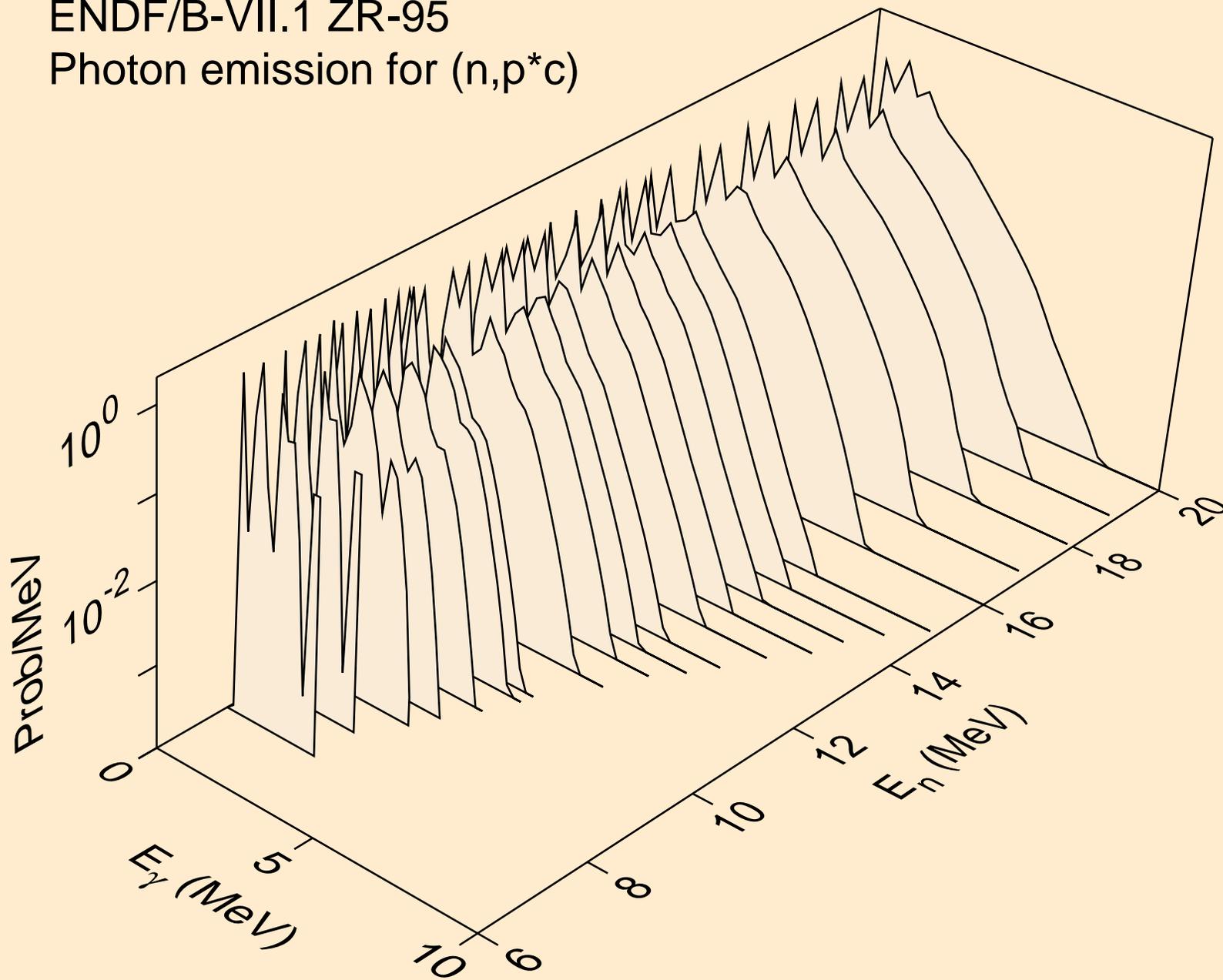
ENDF/B-VII.1 ZR-95  
Photon emission for (n,t)



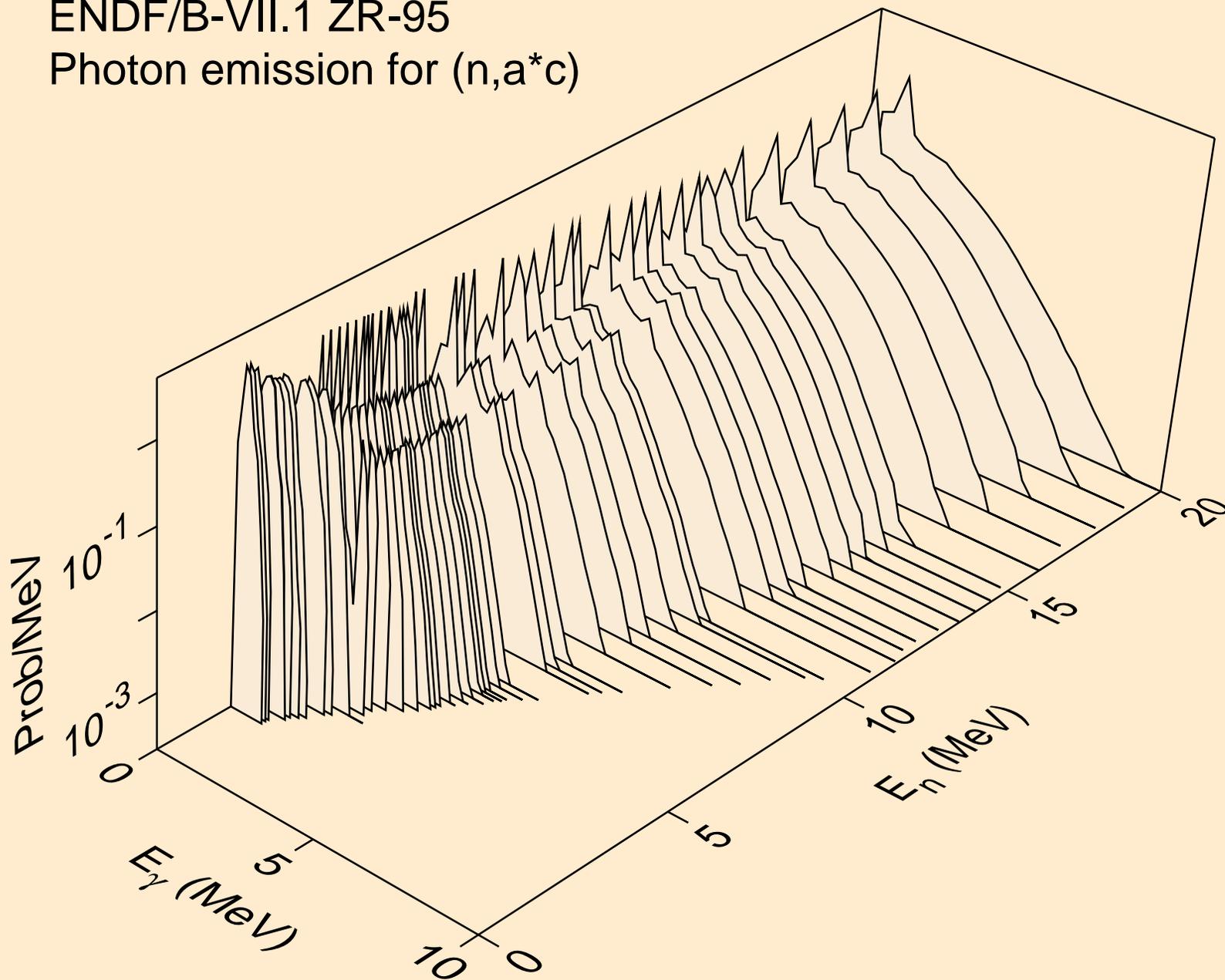
ENDF/B-VII.1 ZR-95  
Photon emission for (n,pa)



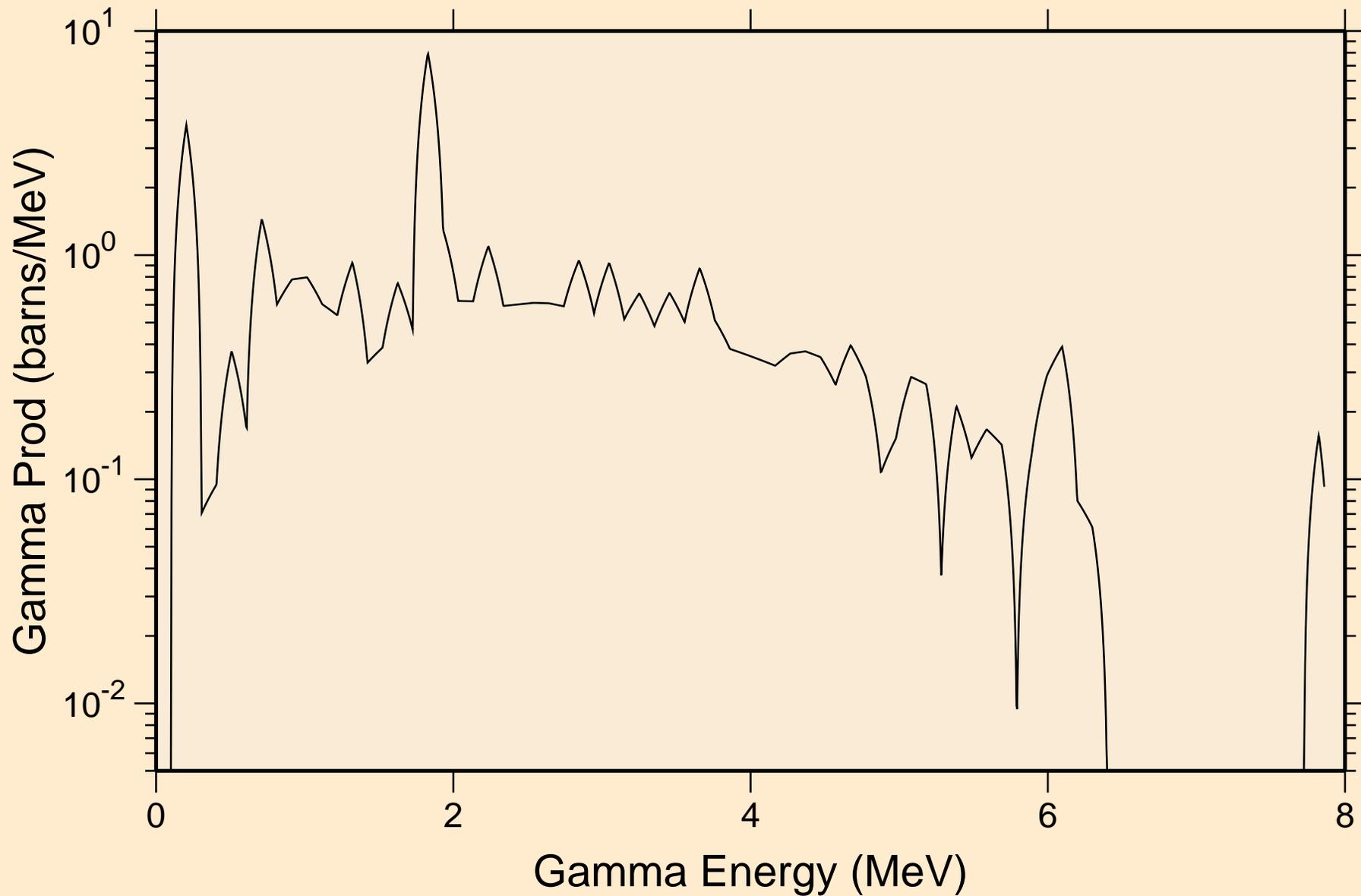
ENDF/B-VII.1 ZR-95  
Photon emission for (n,p\*c)



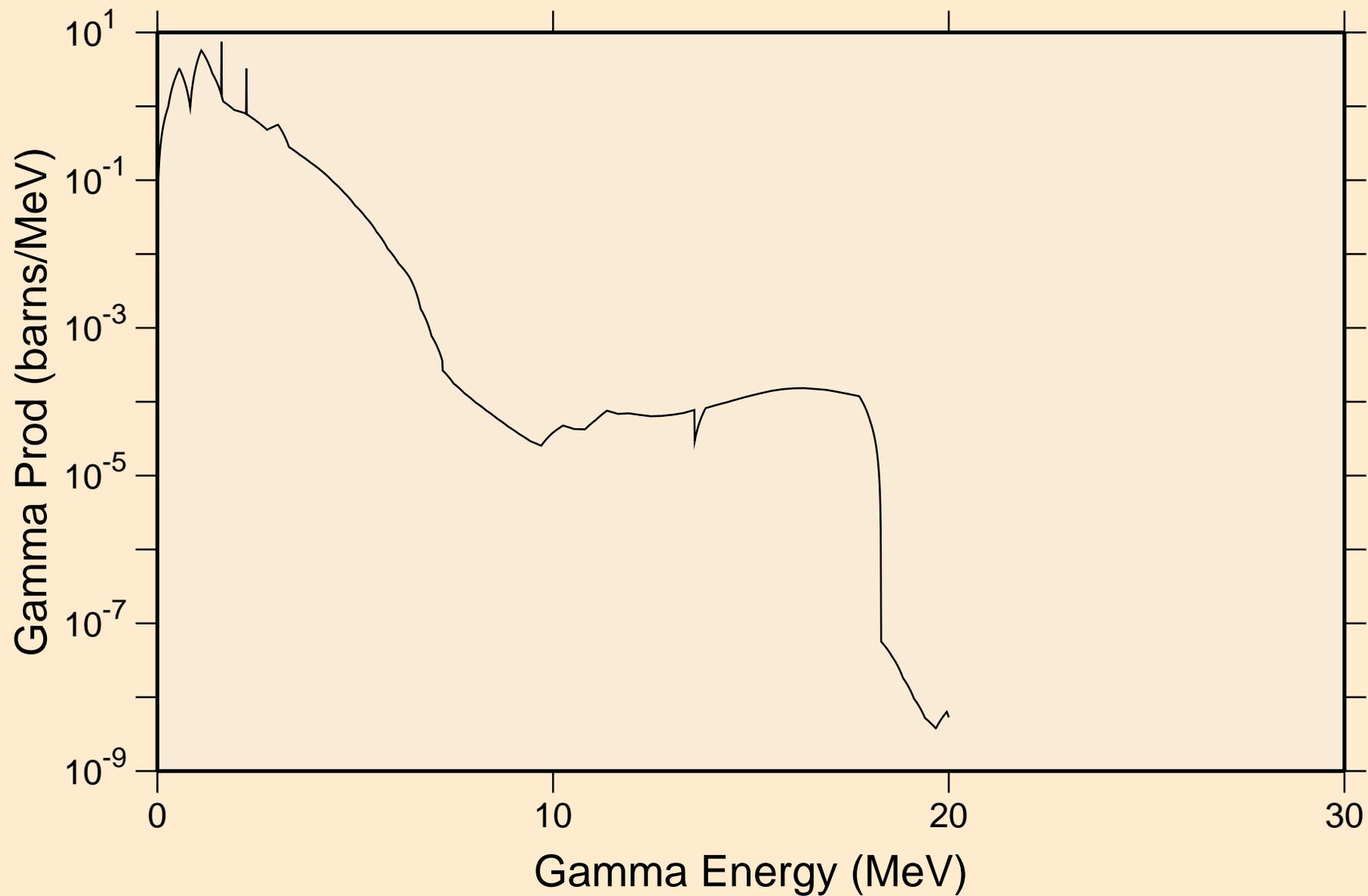
ENDF/B-VII.1 ZR-95  
Photon emission for (n,a\*c)



ENDF/B-VII.1 ZR-95  
thermal capture photon spectrum

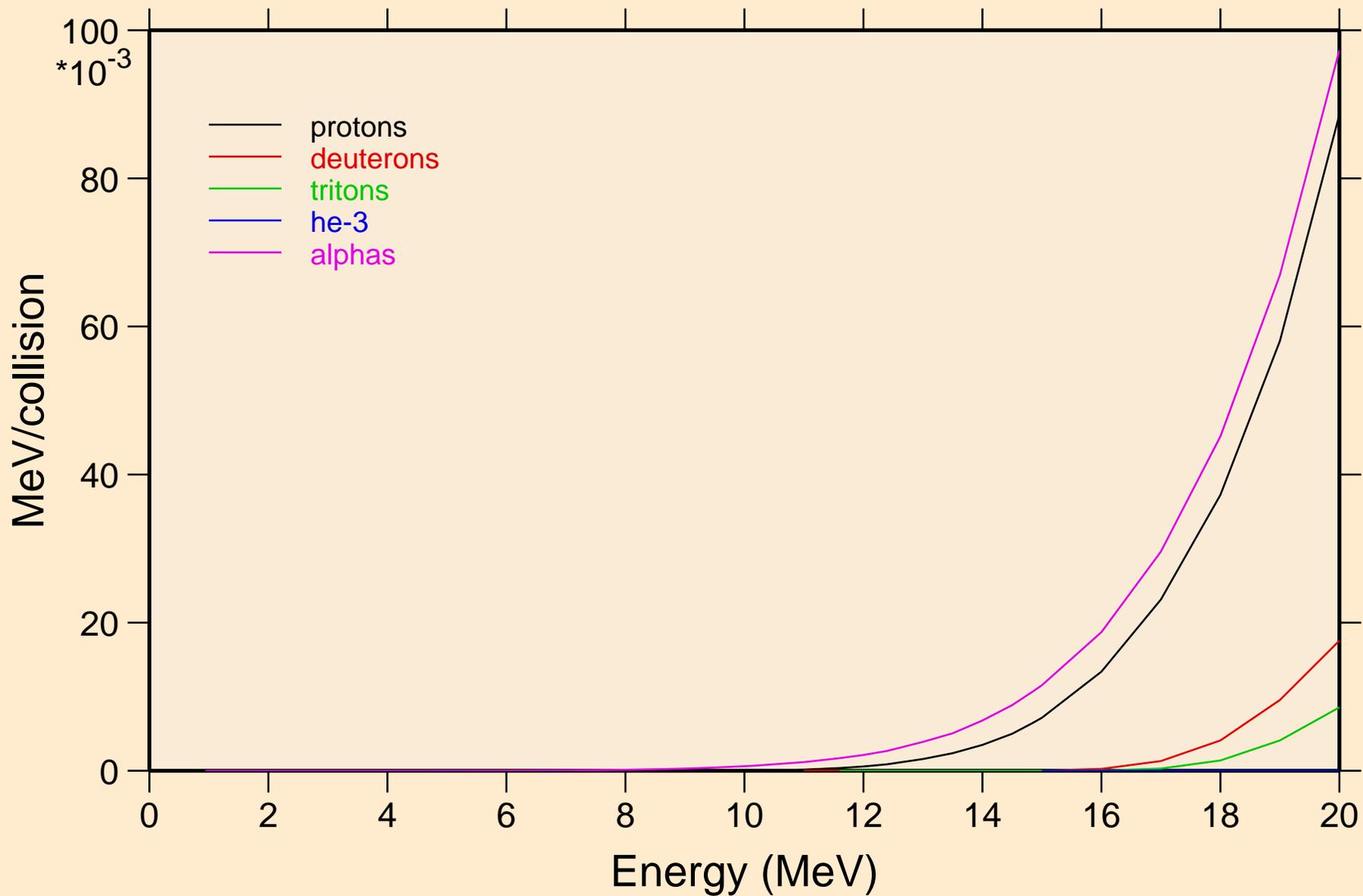


ENDF/B-VII.1 ZR-95  
14 MeV photon spectrum

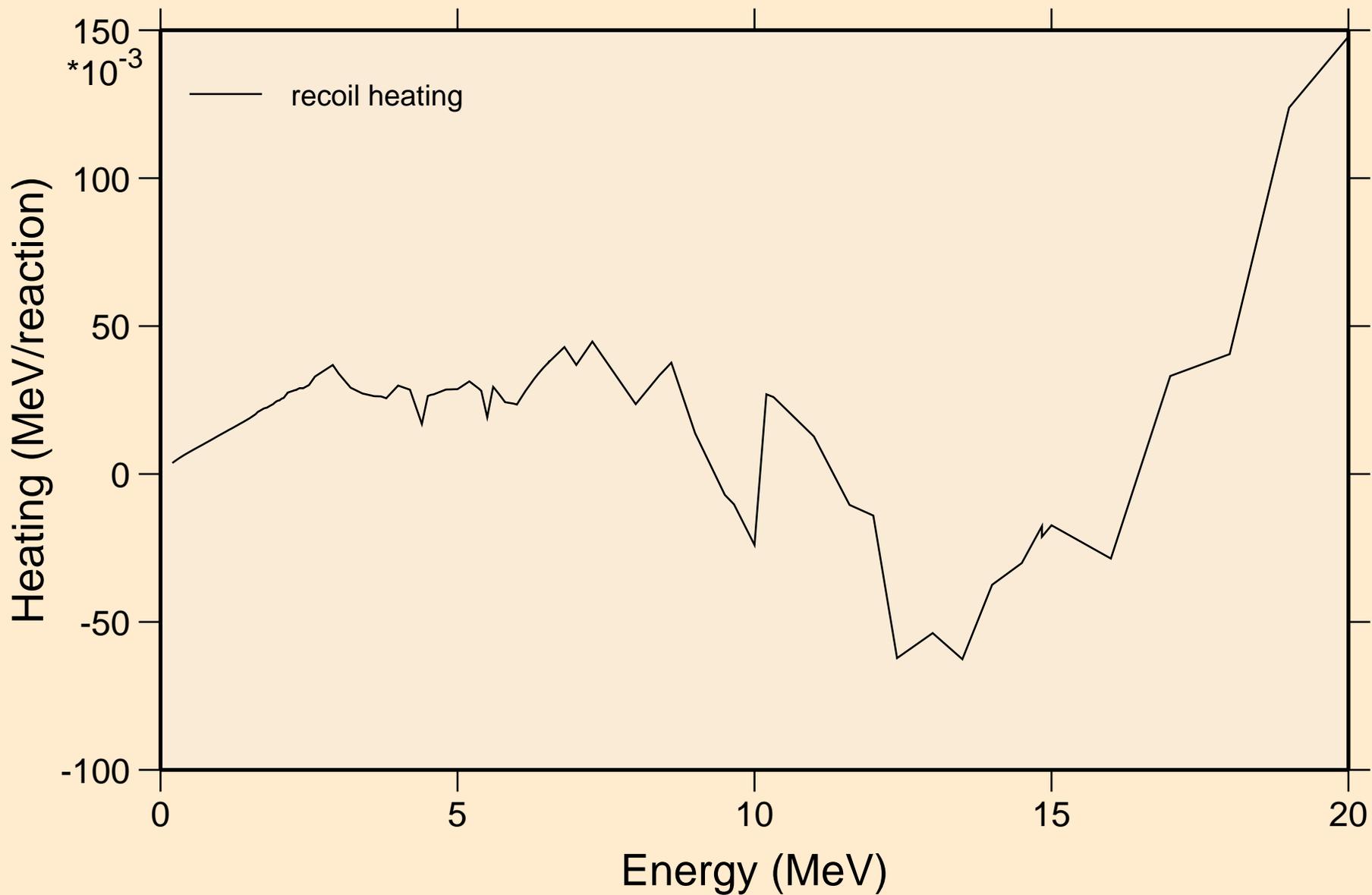


# ENDF/B-VII.1 ZR-95

## Particle heating contributions

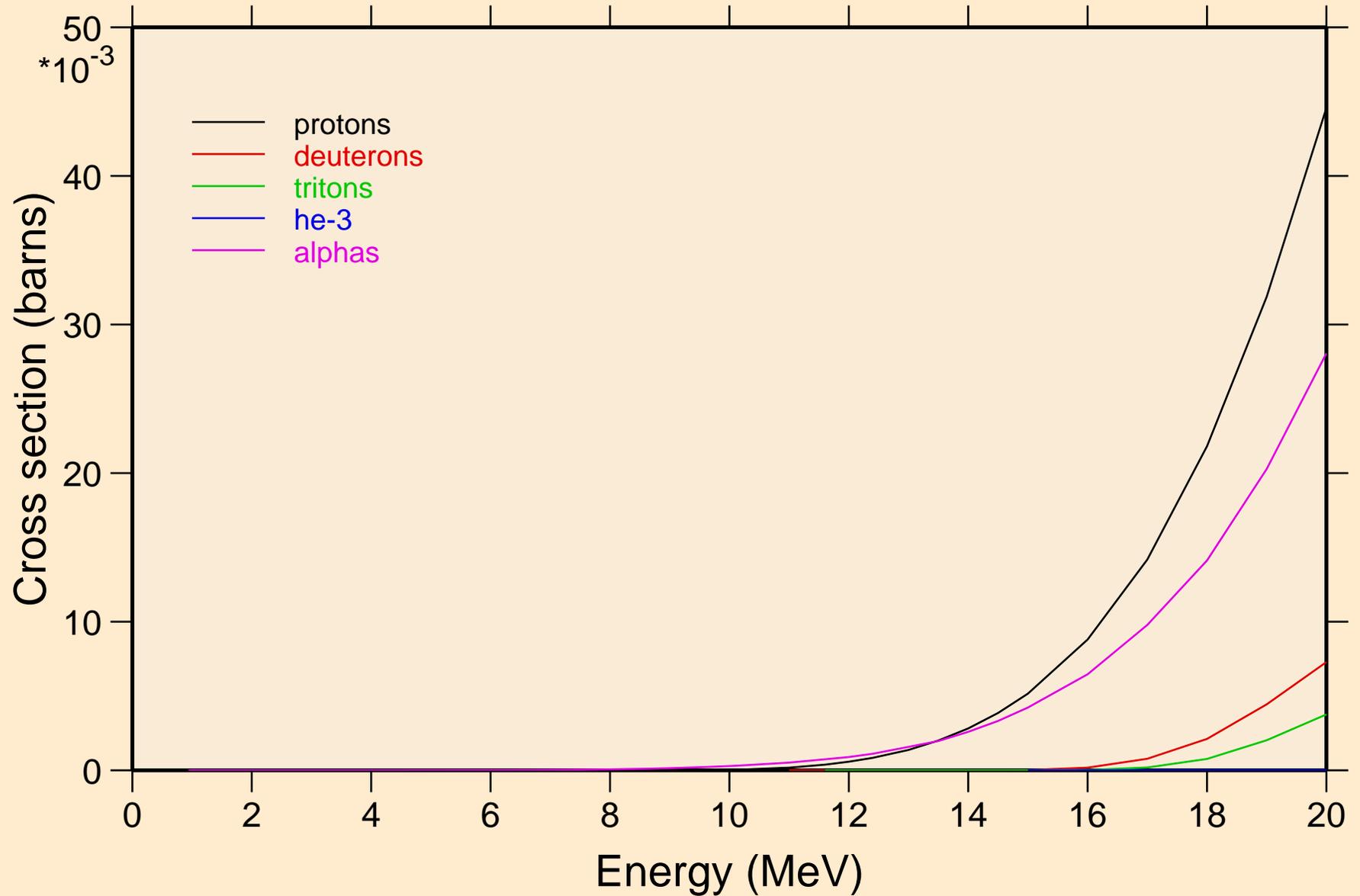


# ENDF/B-VII.1 ZR-95 Recoil Heating

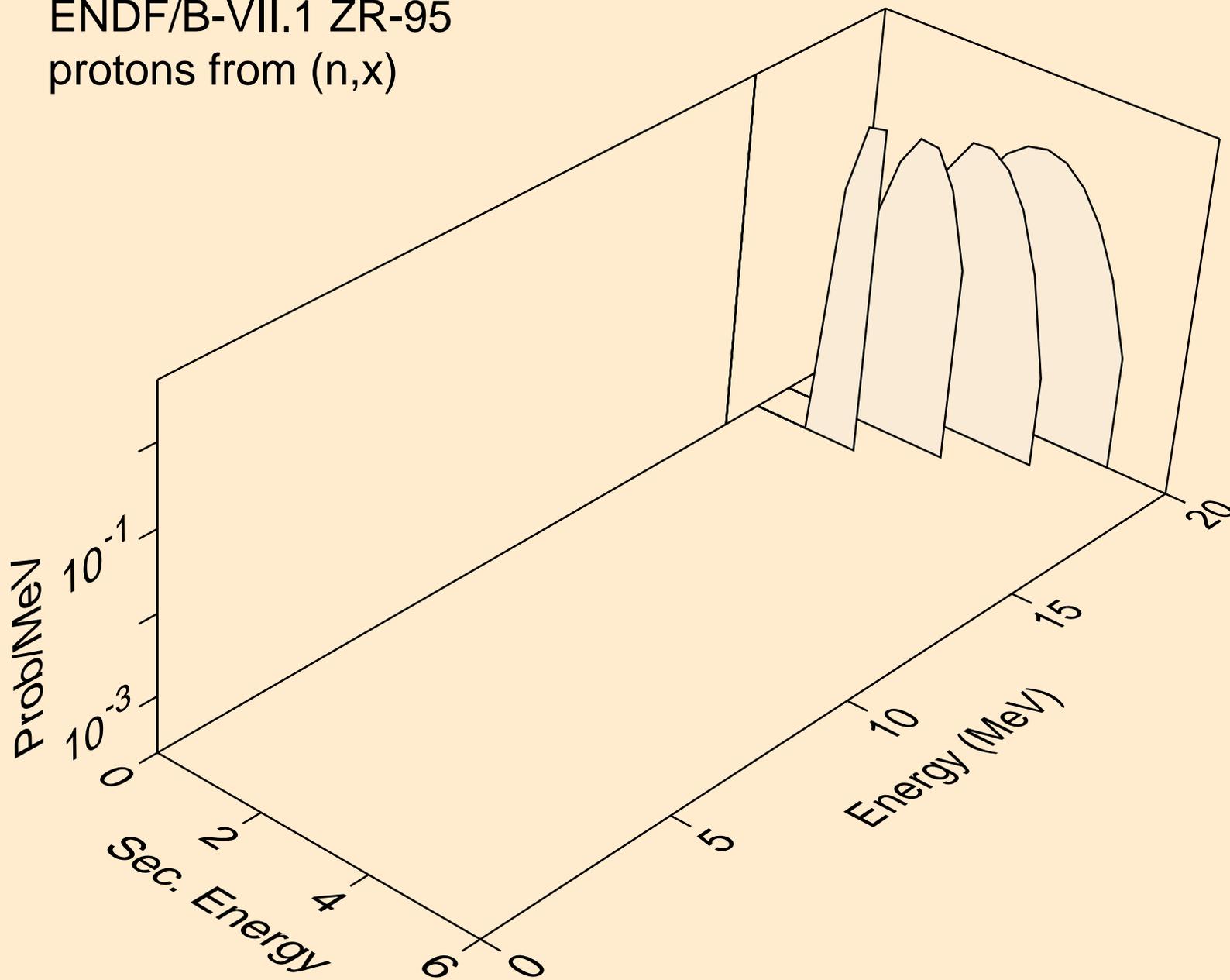


# ENDF/B-VII.1 ZR-95

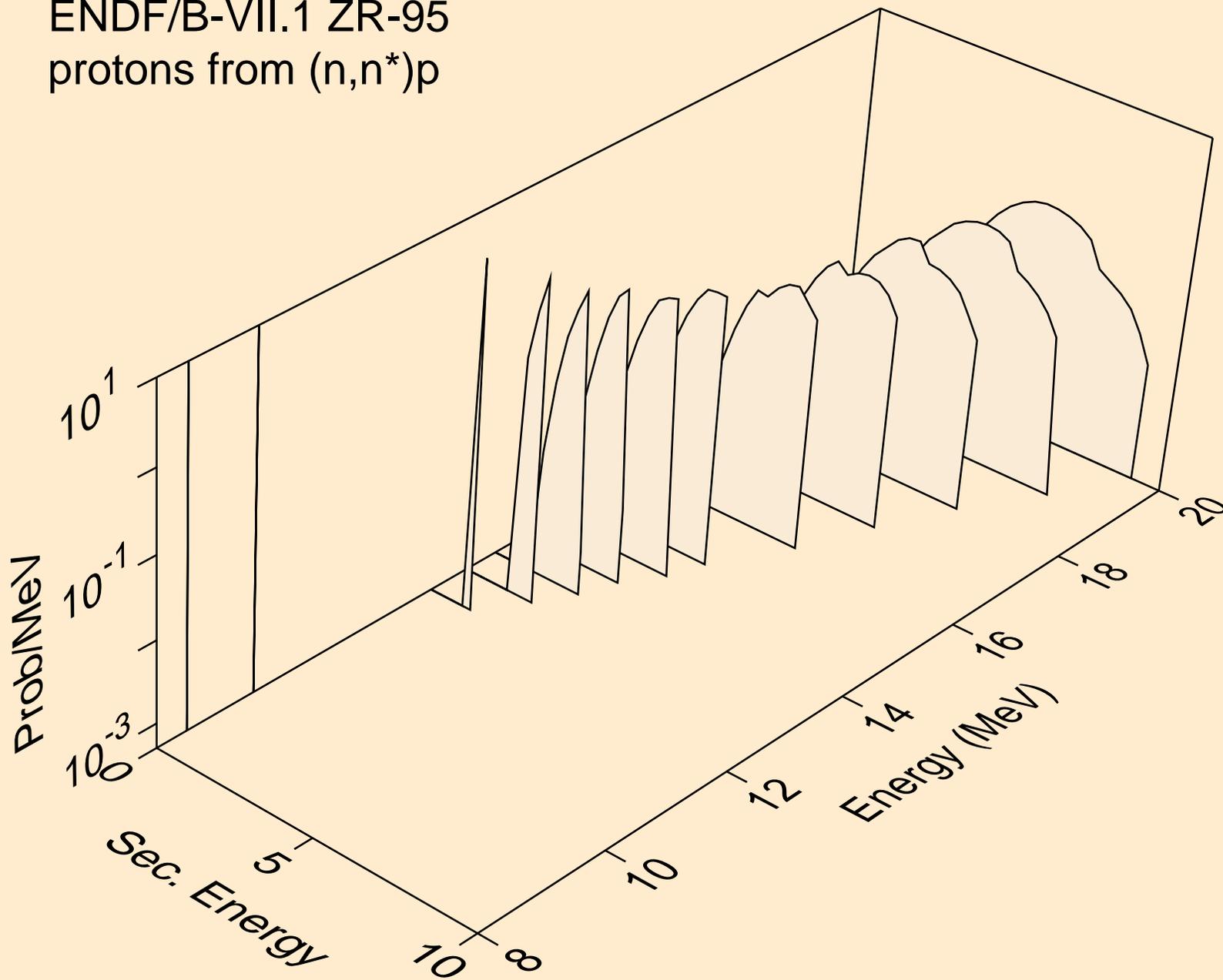
## Particle production cross sections



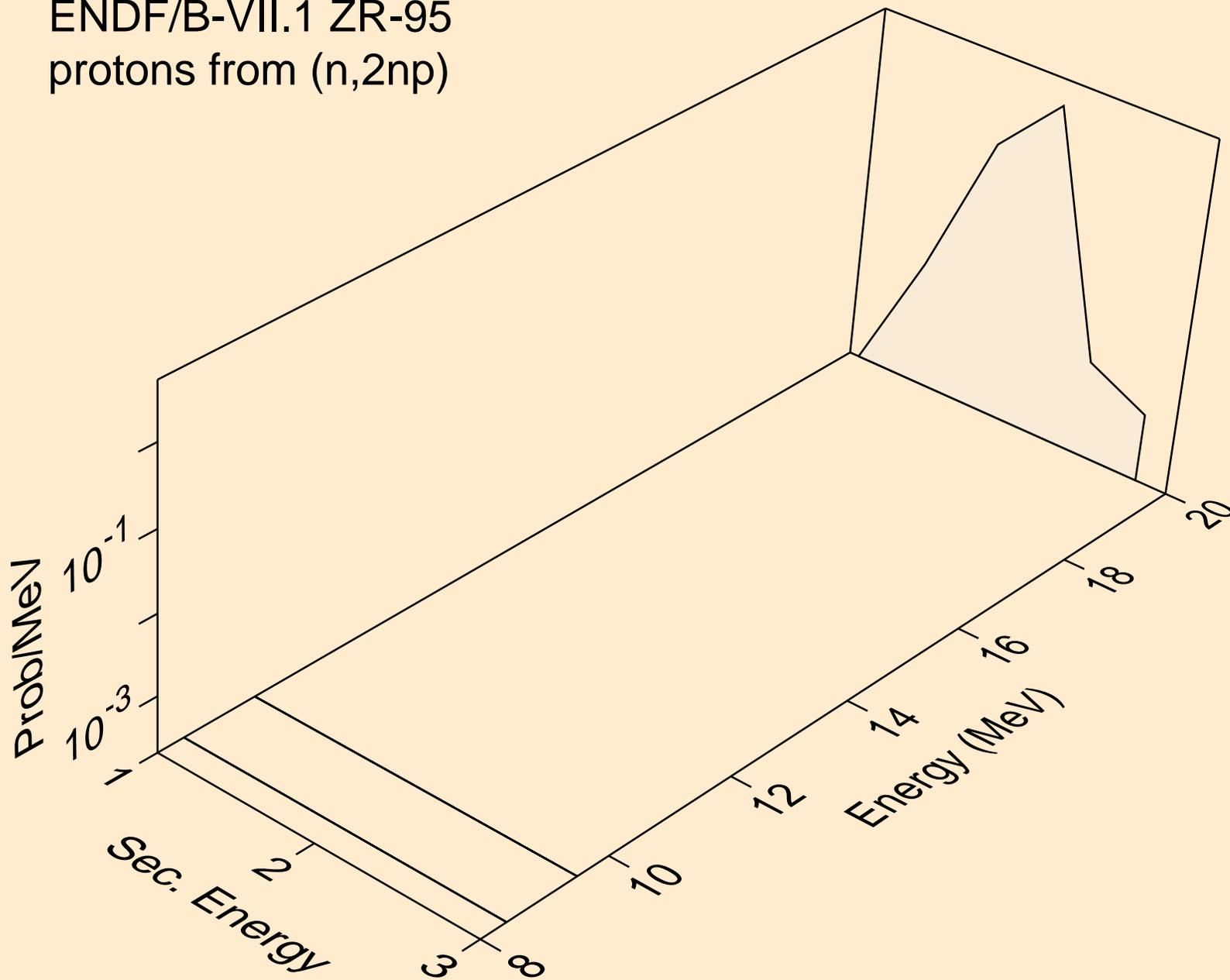
ENDF/B-VII.1 ZR-95  
protons from (n,x)



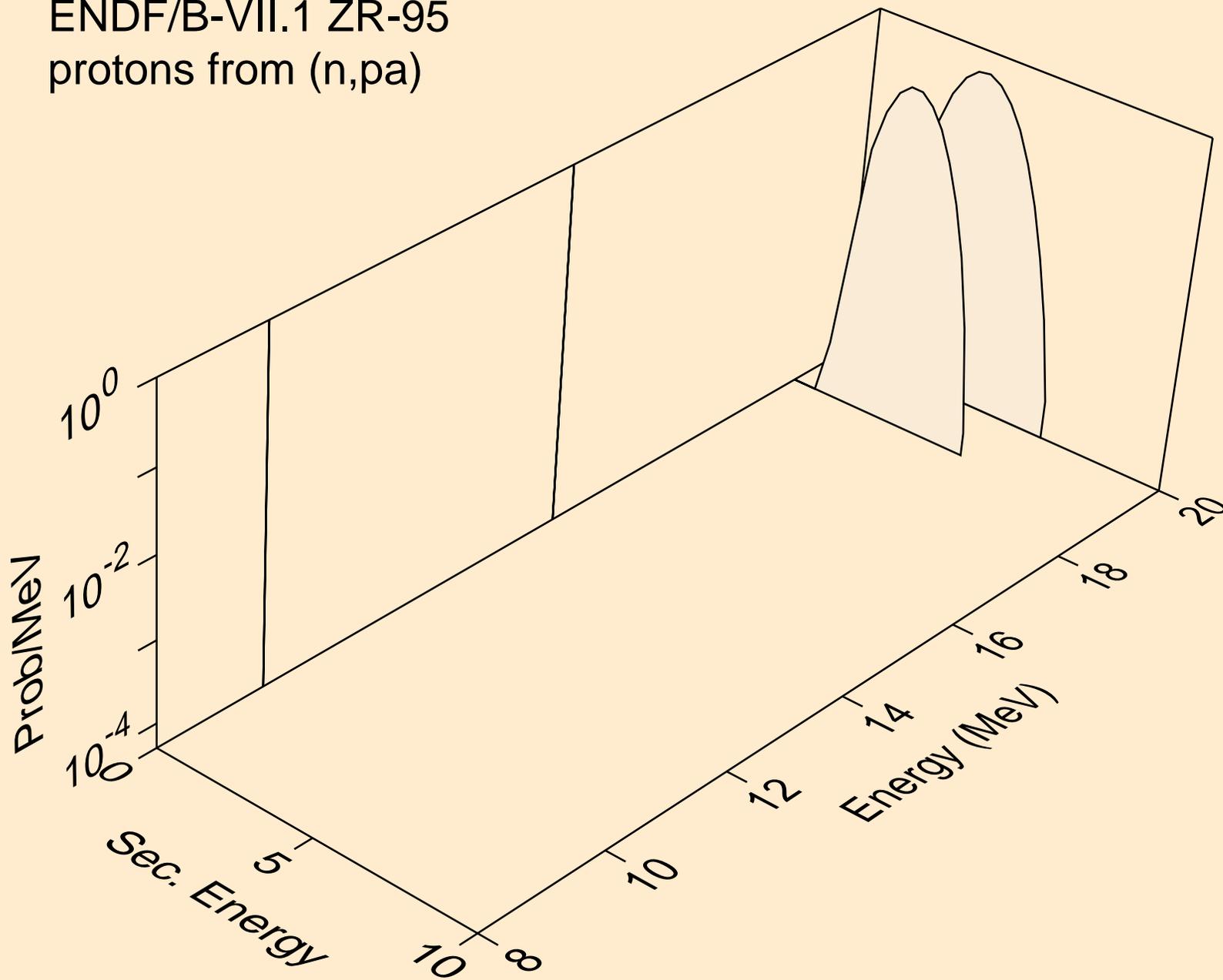
ENDF/B-VII.1 ZR-95  
protons from (n,n\*)p



ENDF/B-VII.1 ZR-95  
protons from (n,2np)

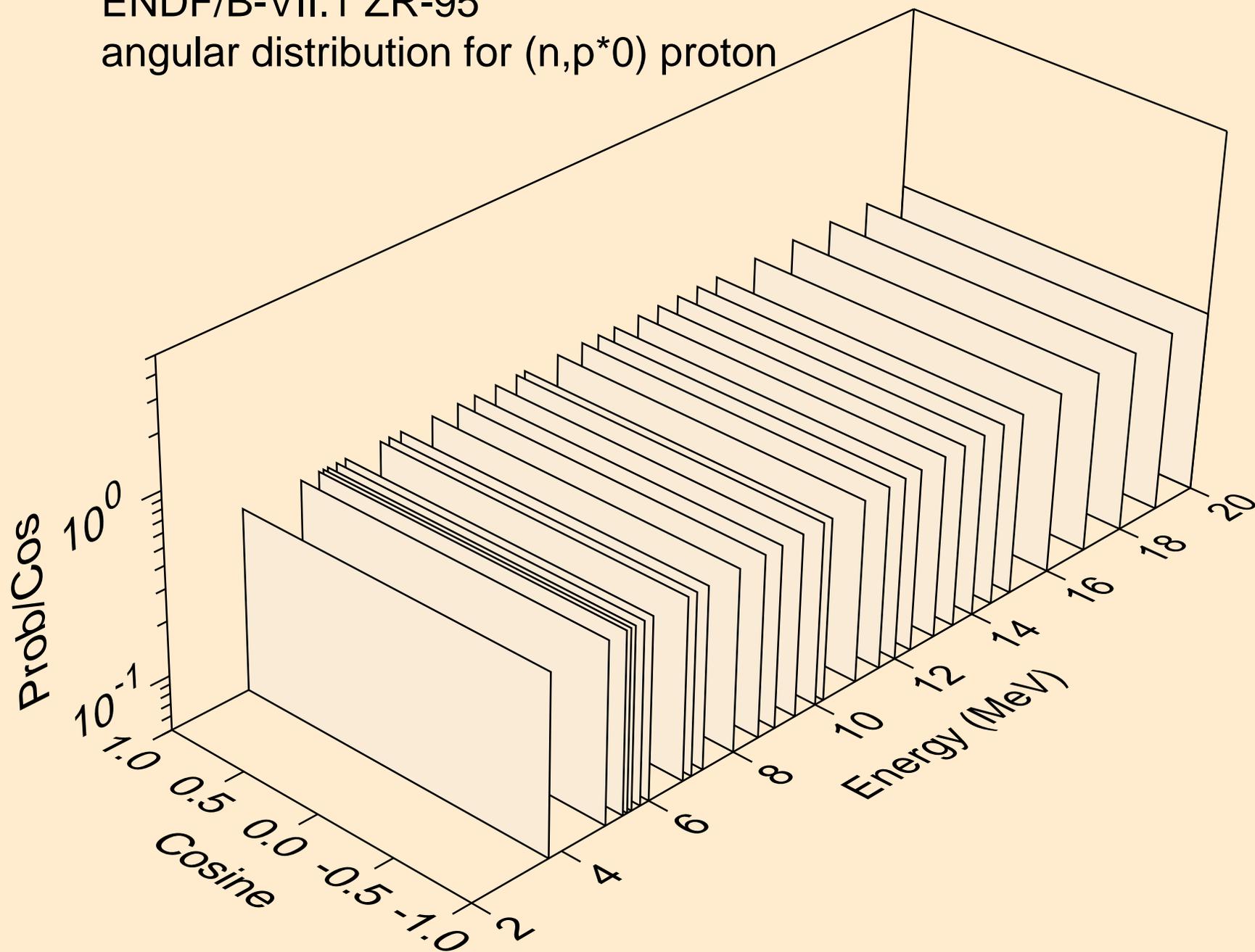


ENDF/B-VII.1 ZR-95  
protons from (n,pa)

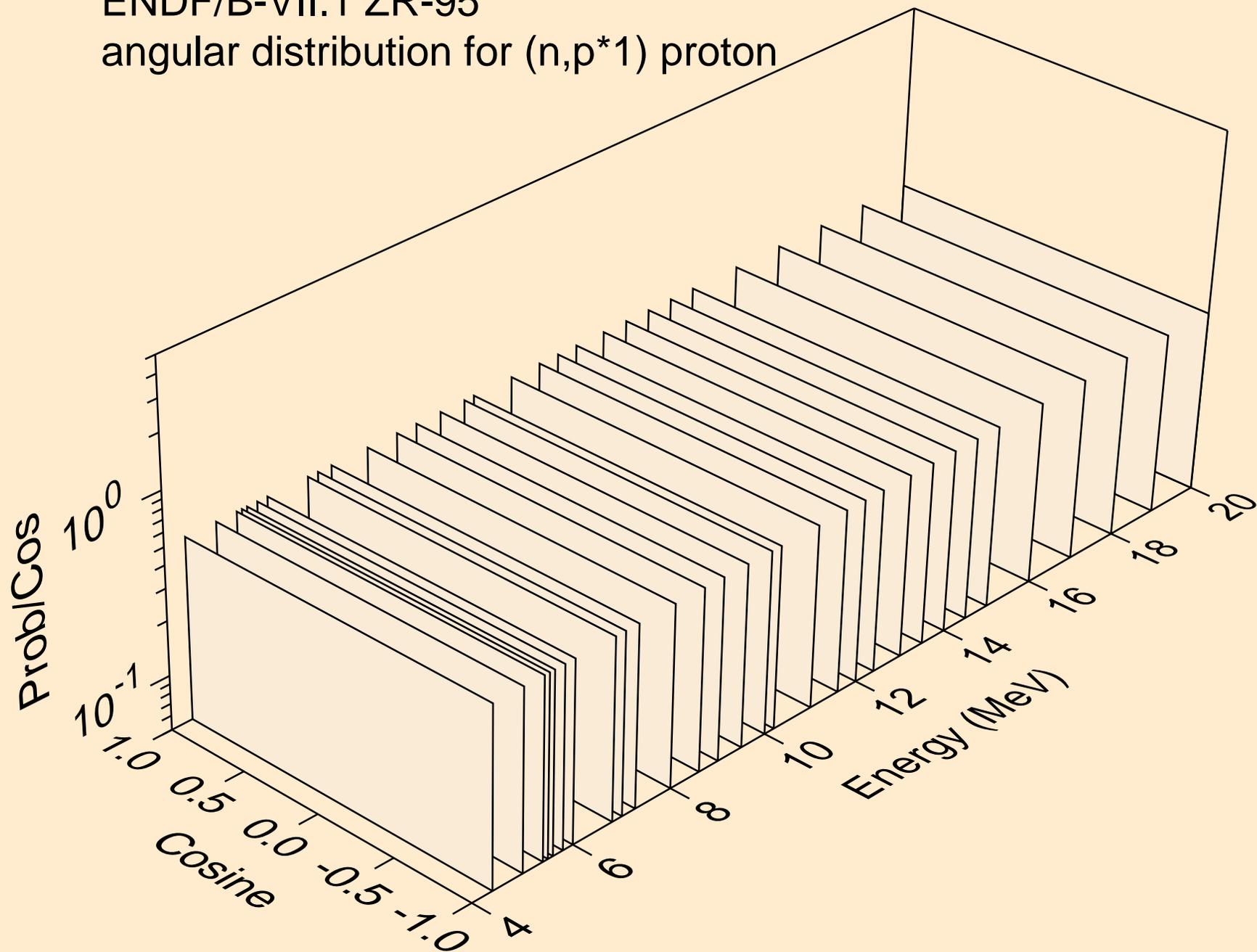


ENDF/B-VII.1 ZR-95

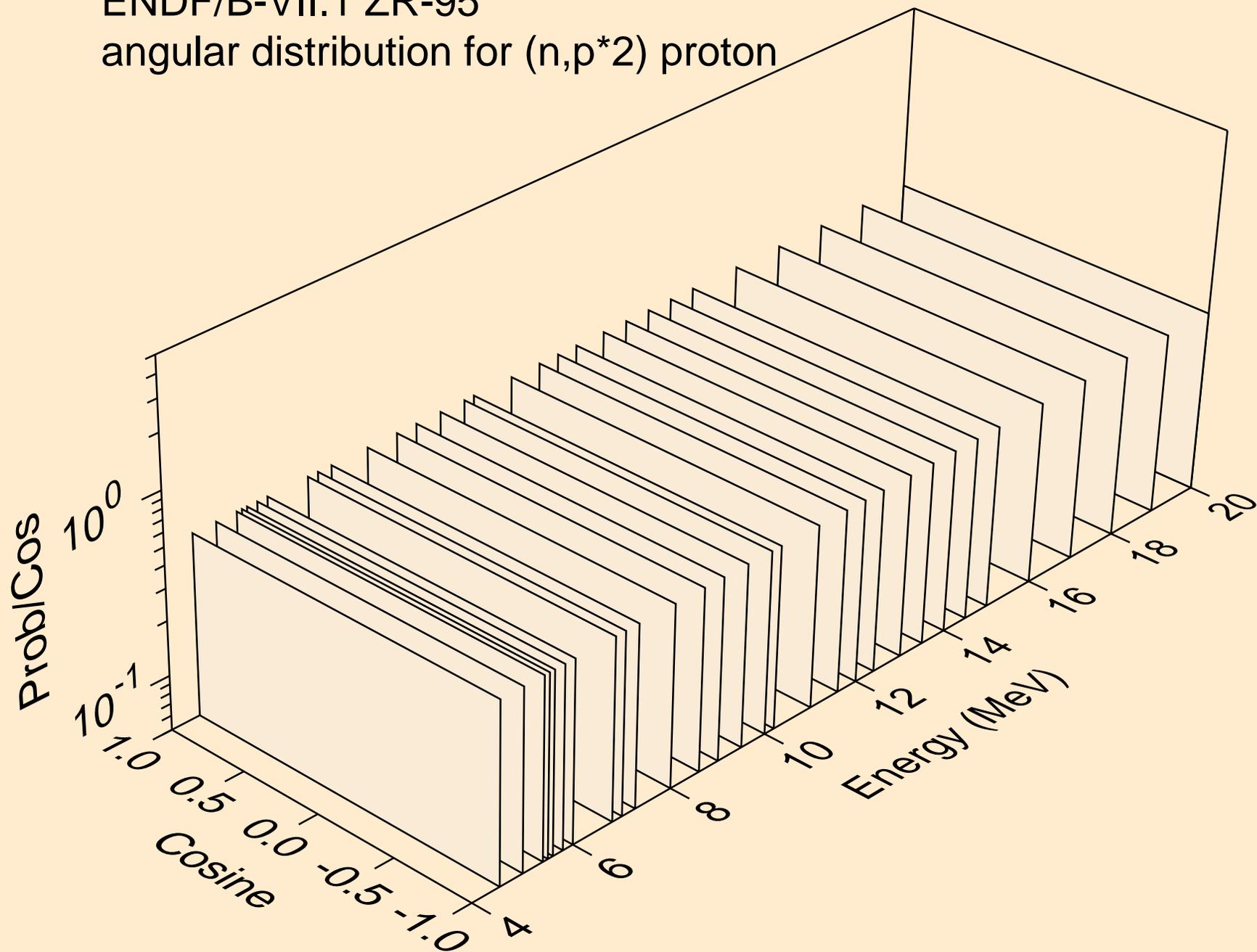
angular distribution for (n,p\*0) proton



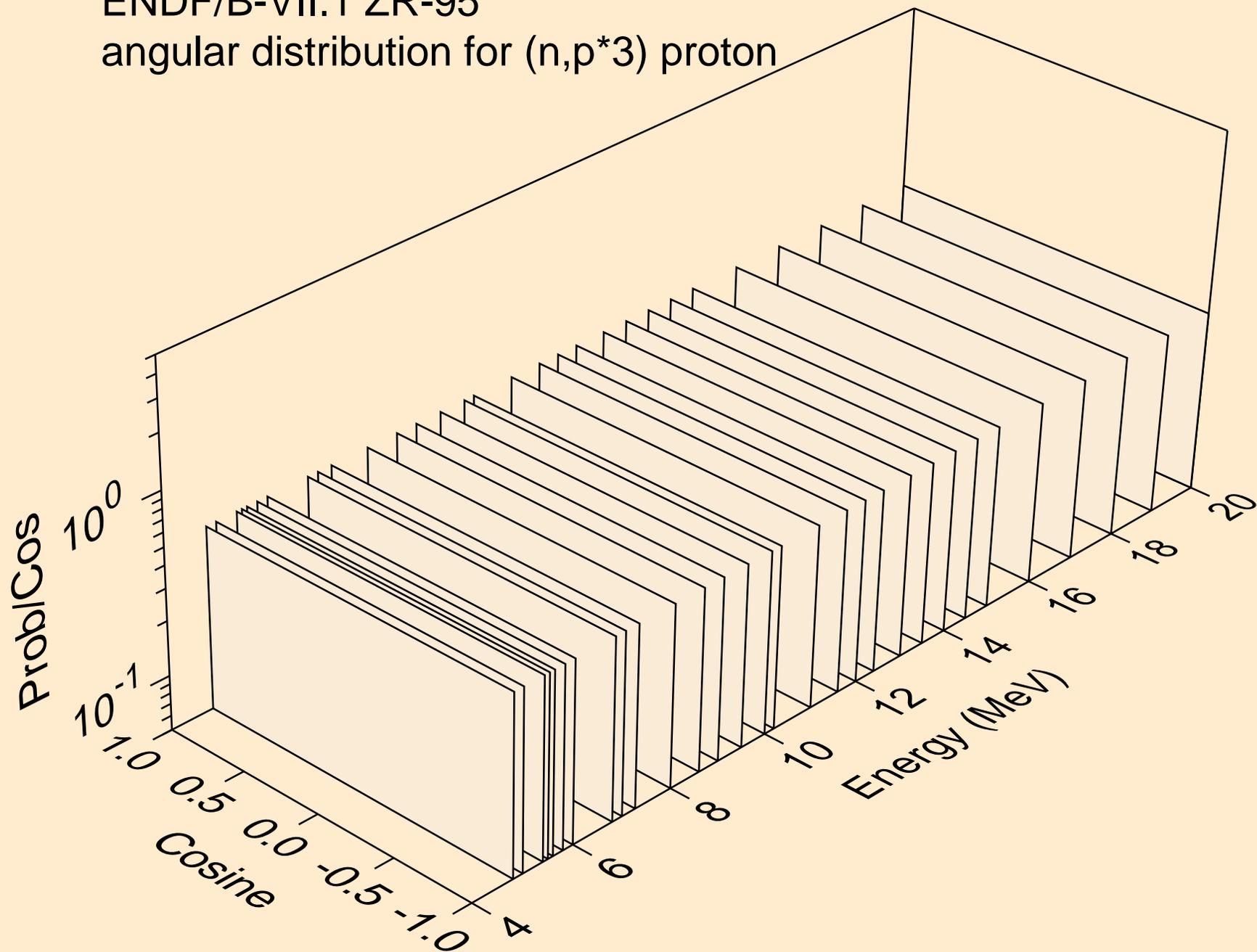
ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*1) proton



ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*2) proton

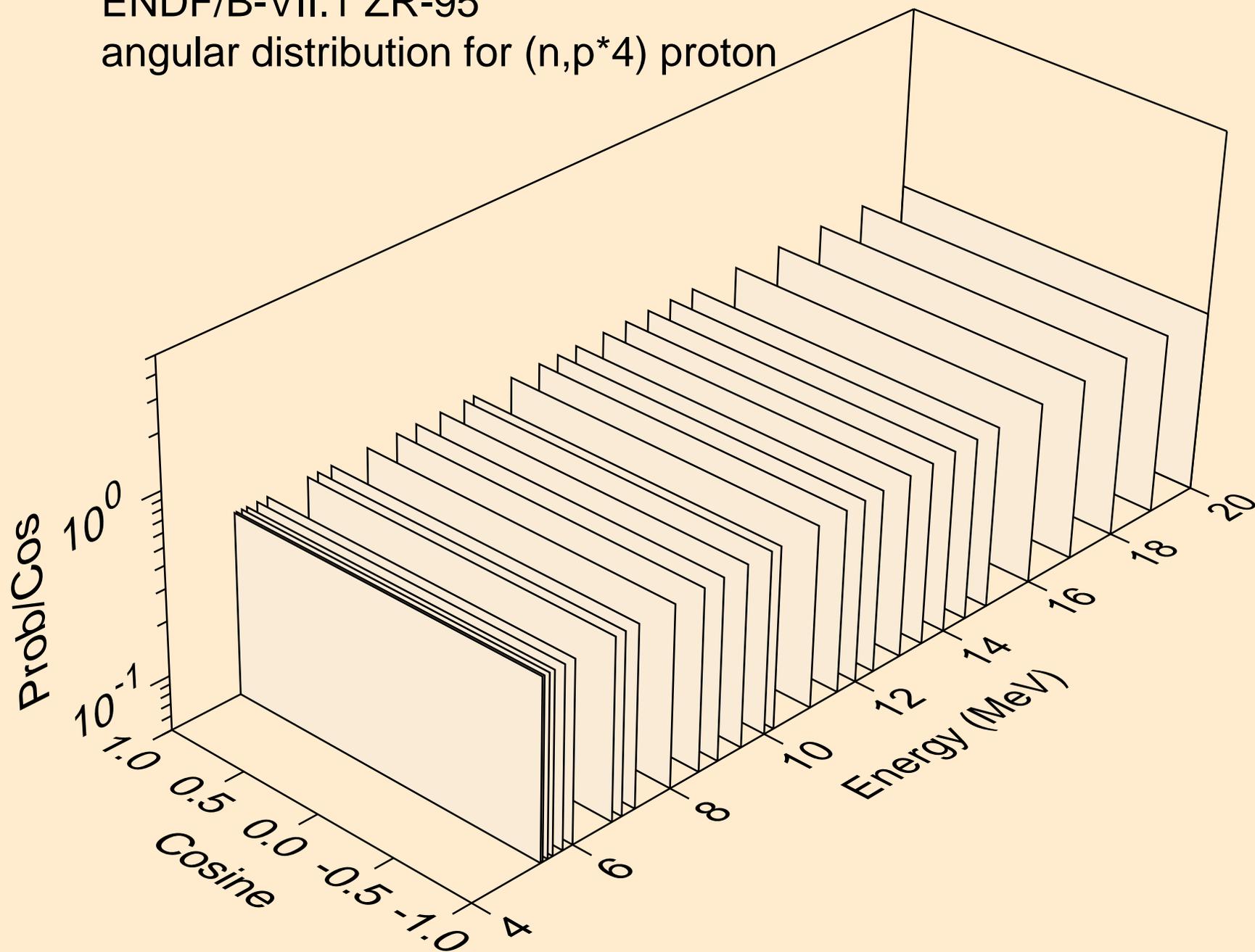


ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*3) proton



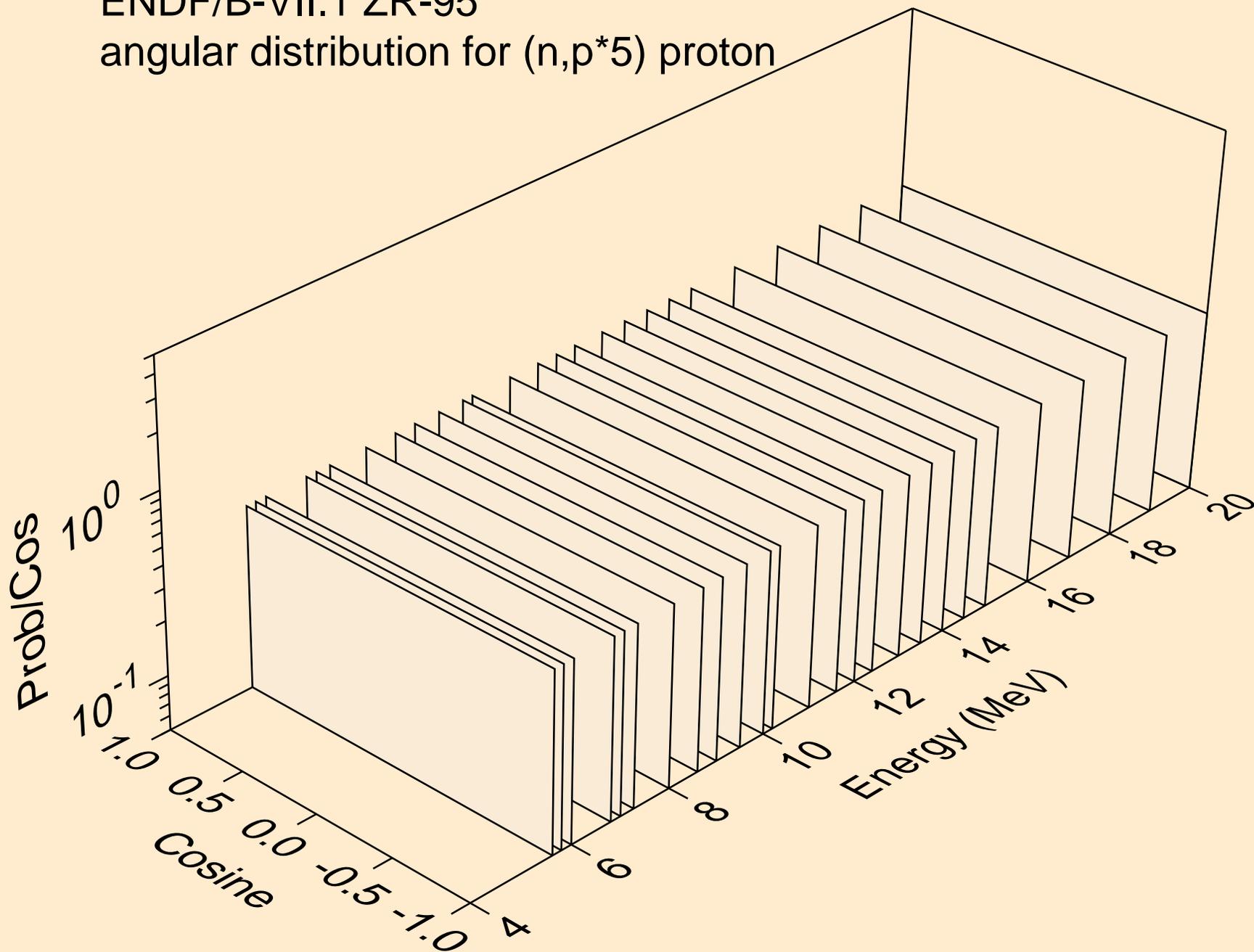
ENDF/B-VII.1 ZR-95

angular distribution for (n,p\*4) proton



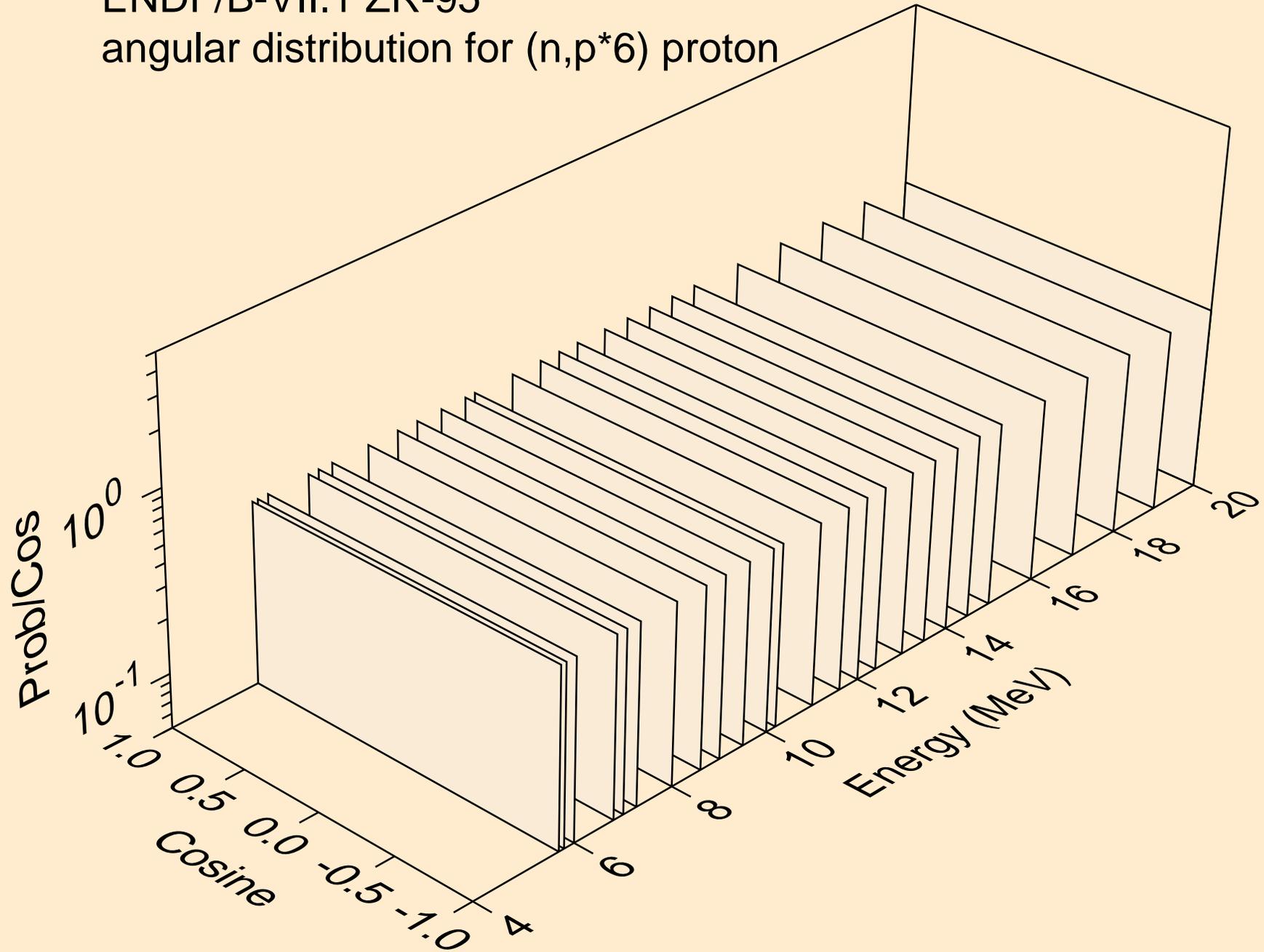
ENDF/B-VII.1 ZR-95

angular distribution for (n,p\*5) proton



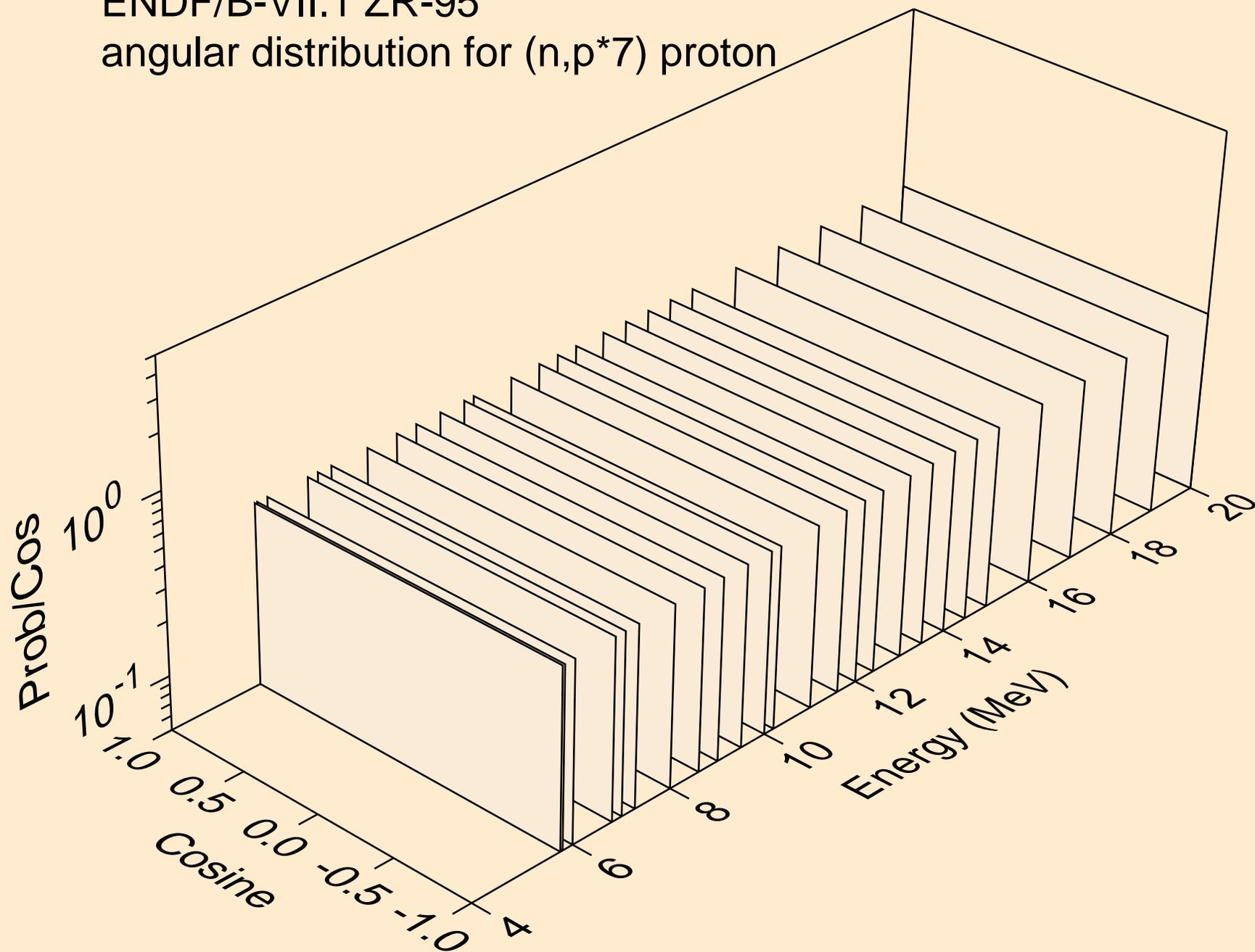
ENDF/B-VII.1 ZR-95

angular distribution for (n,p\*6) proton

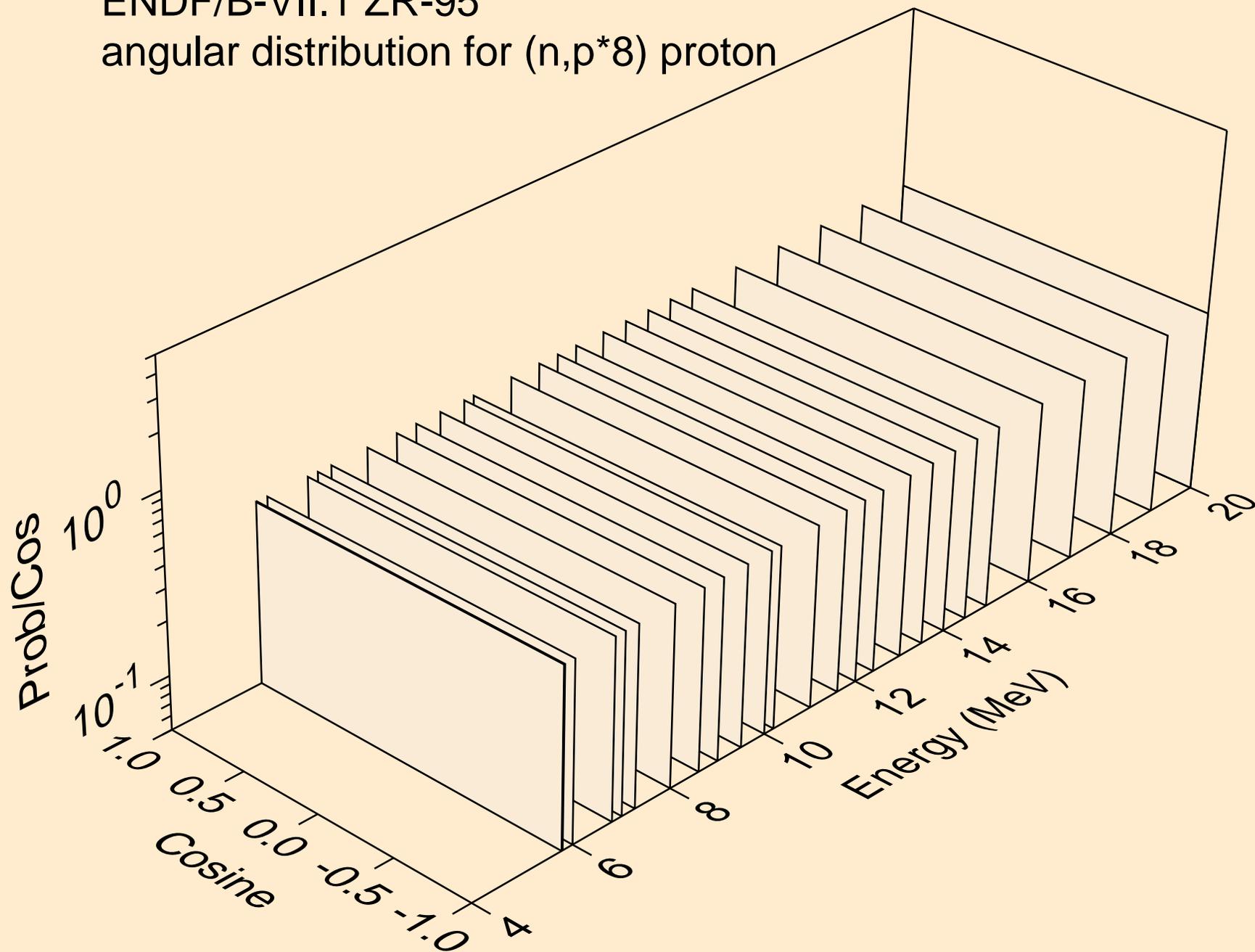


ENDF/B-VII.1 ZR-95

angular distribution for (n,p\*7) proton

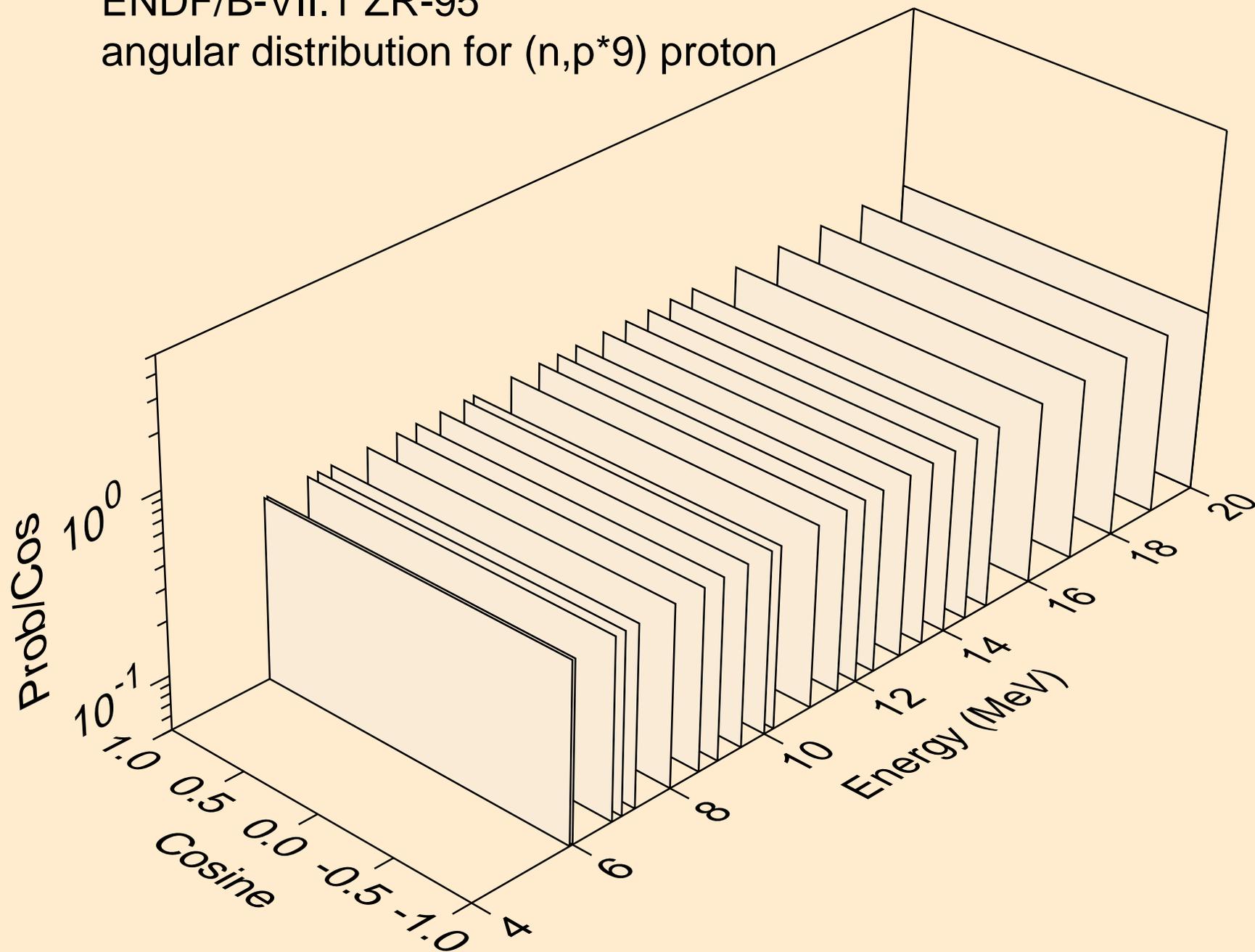


ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*8) proton

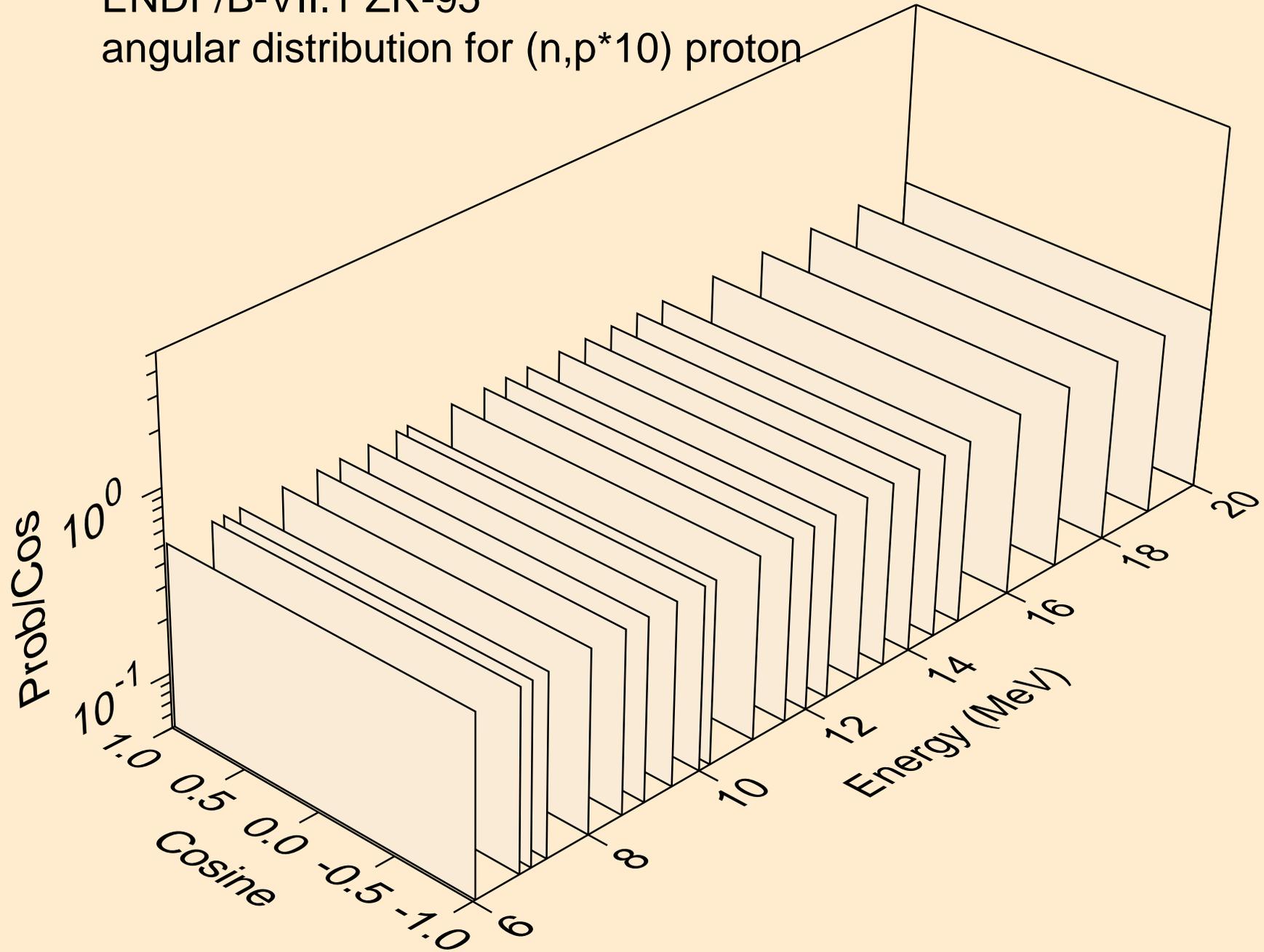


ENDF/B-VII.1 ZR-95

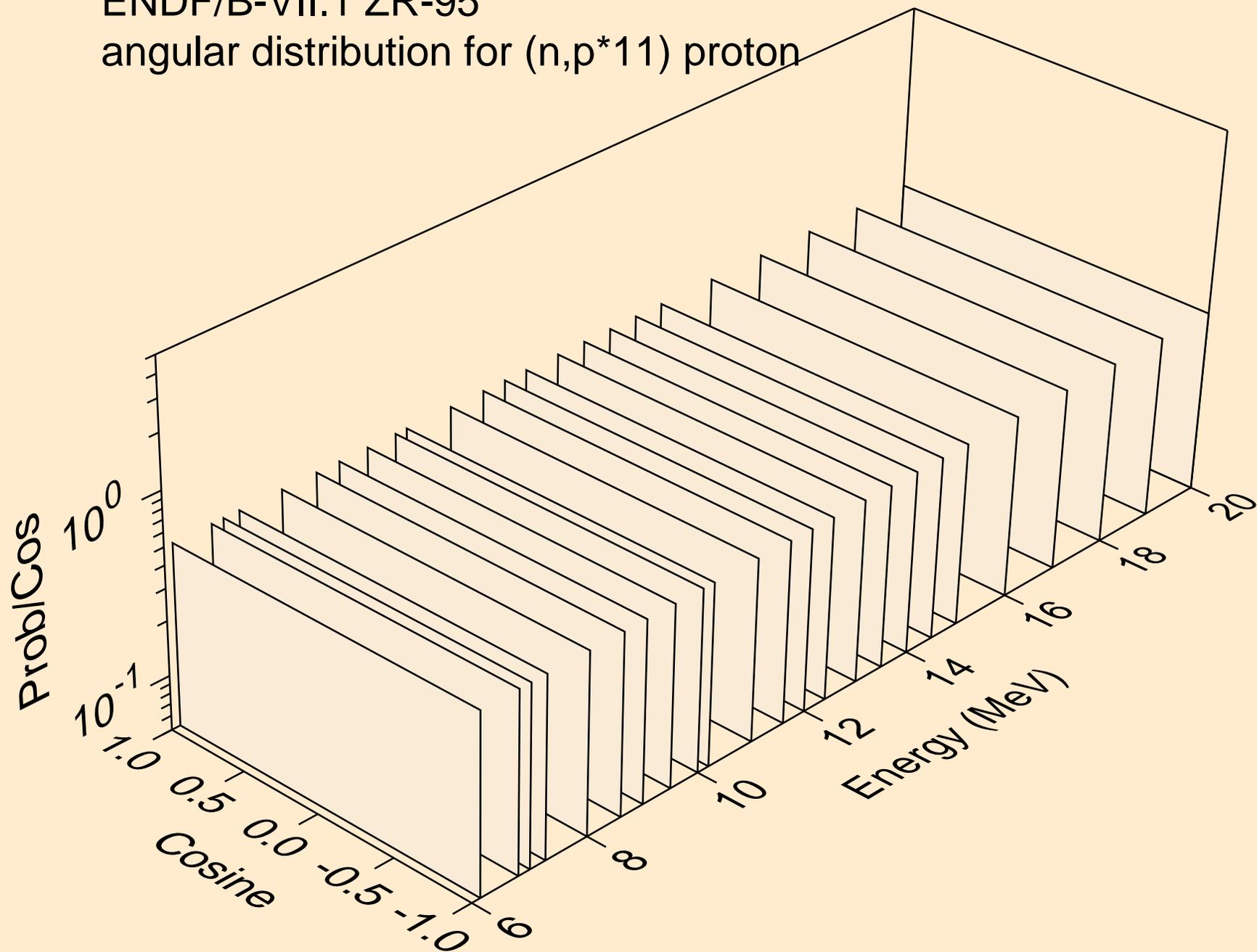
angular distribution for (n,p\*9) proton



ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*10) proton

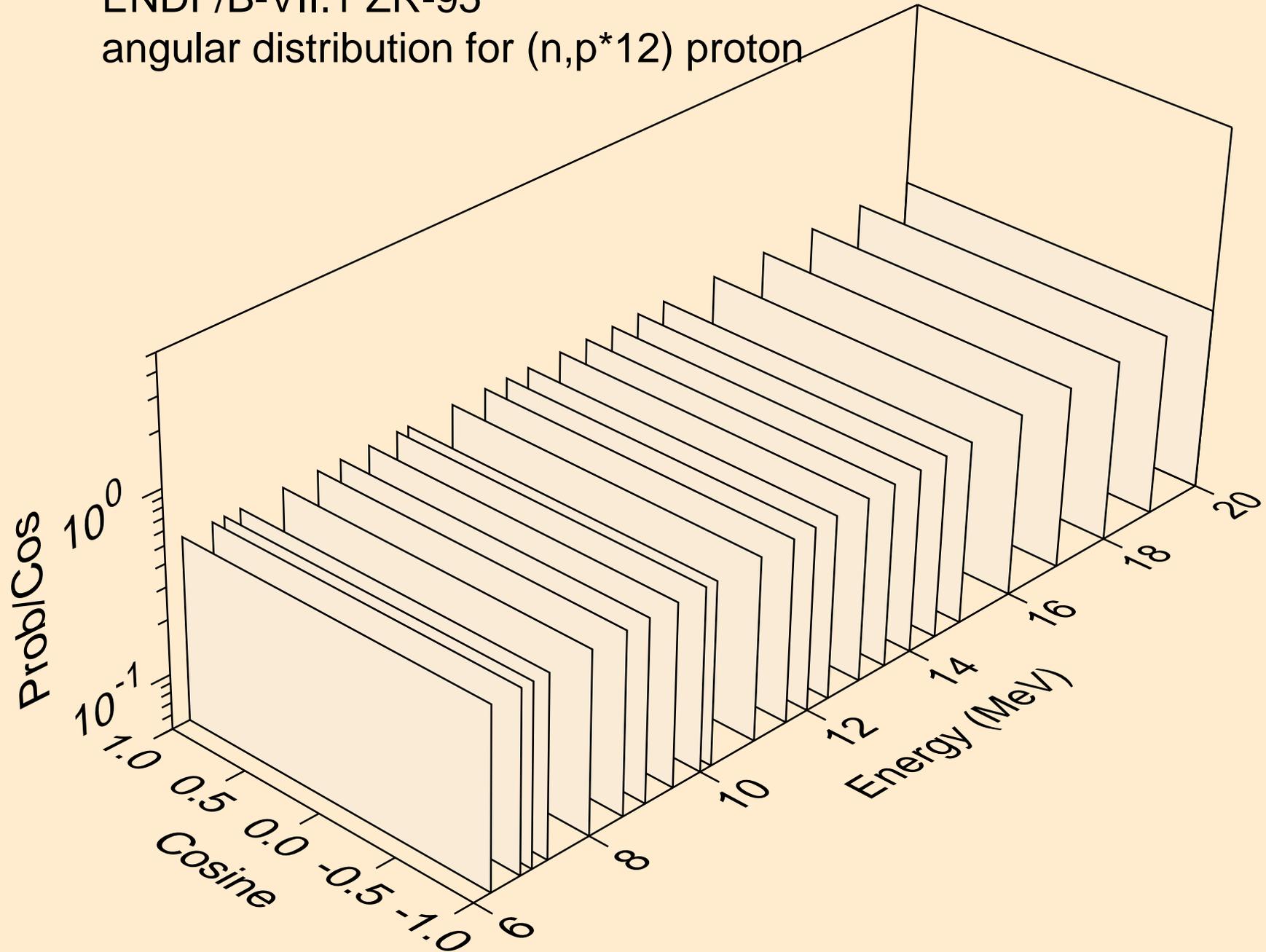


ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*11) proton

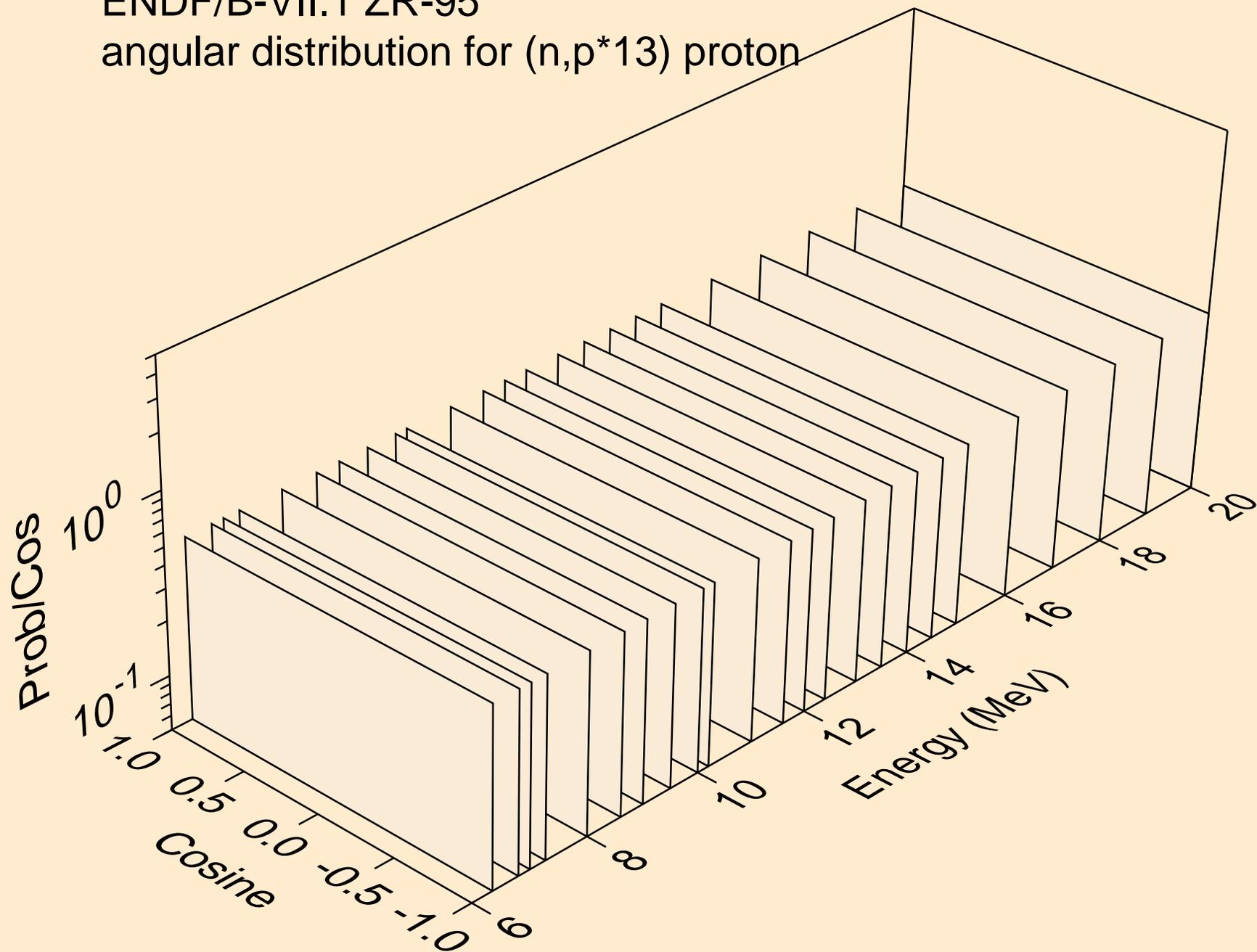


ENDF/B-VII.1 ZR-95

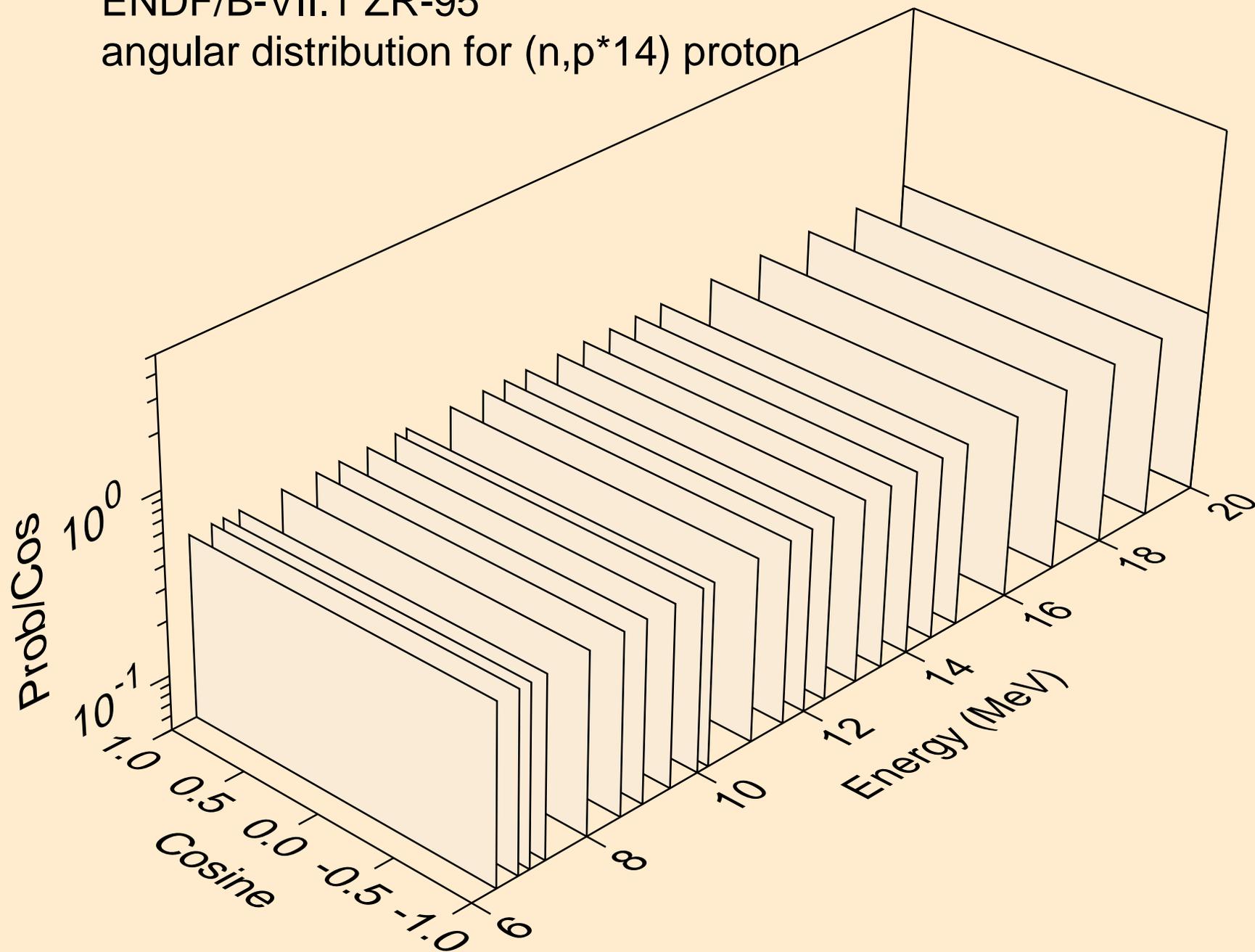
angular distribution for (n,p\*12) proton



ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*13) proton

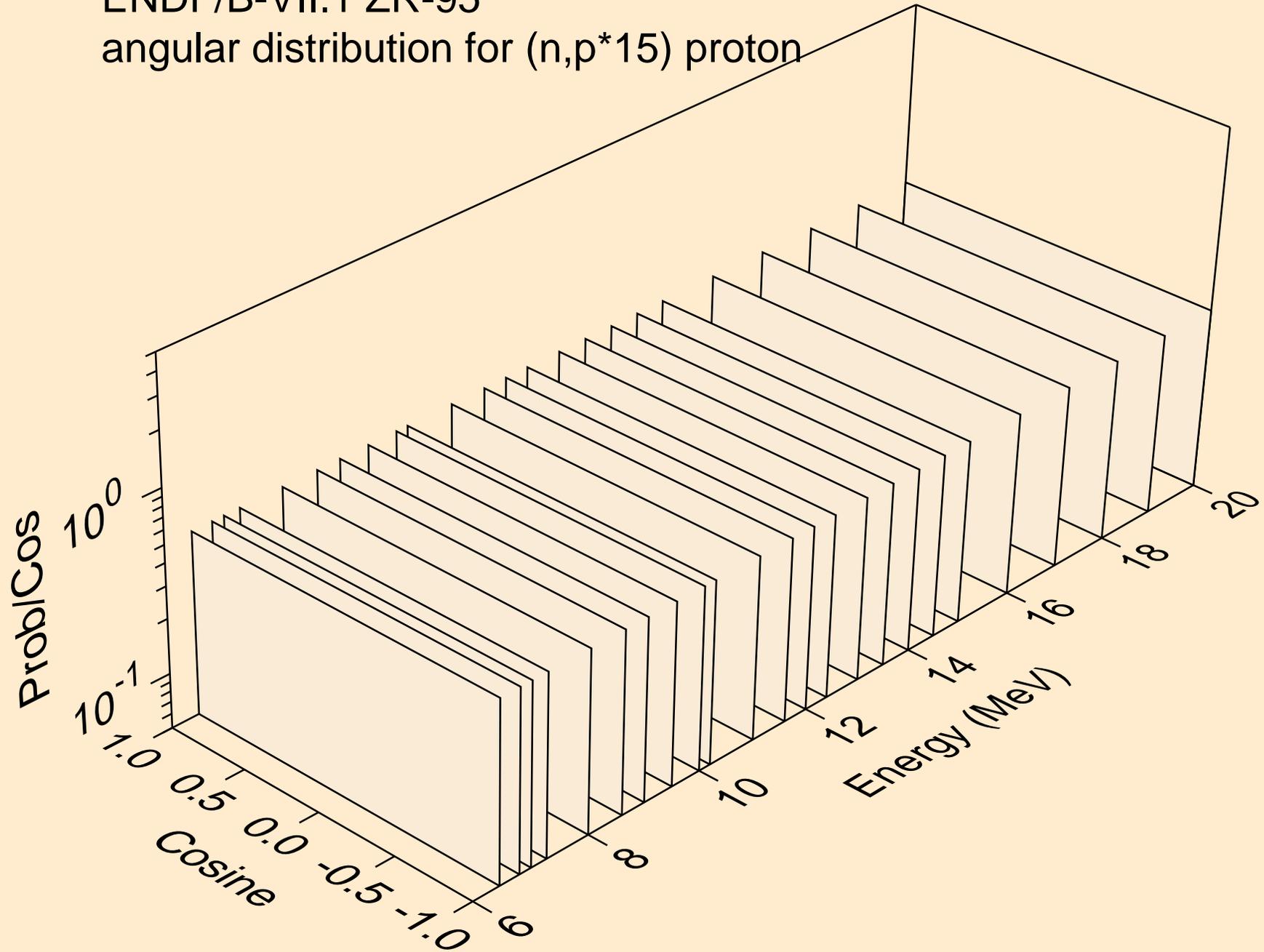


ENDF/B-VII.1 ZR-95  
angular distribution for (n,p\*14) proton

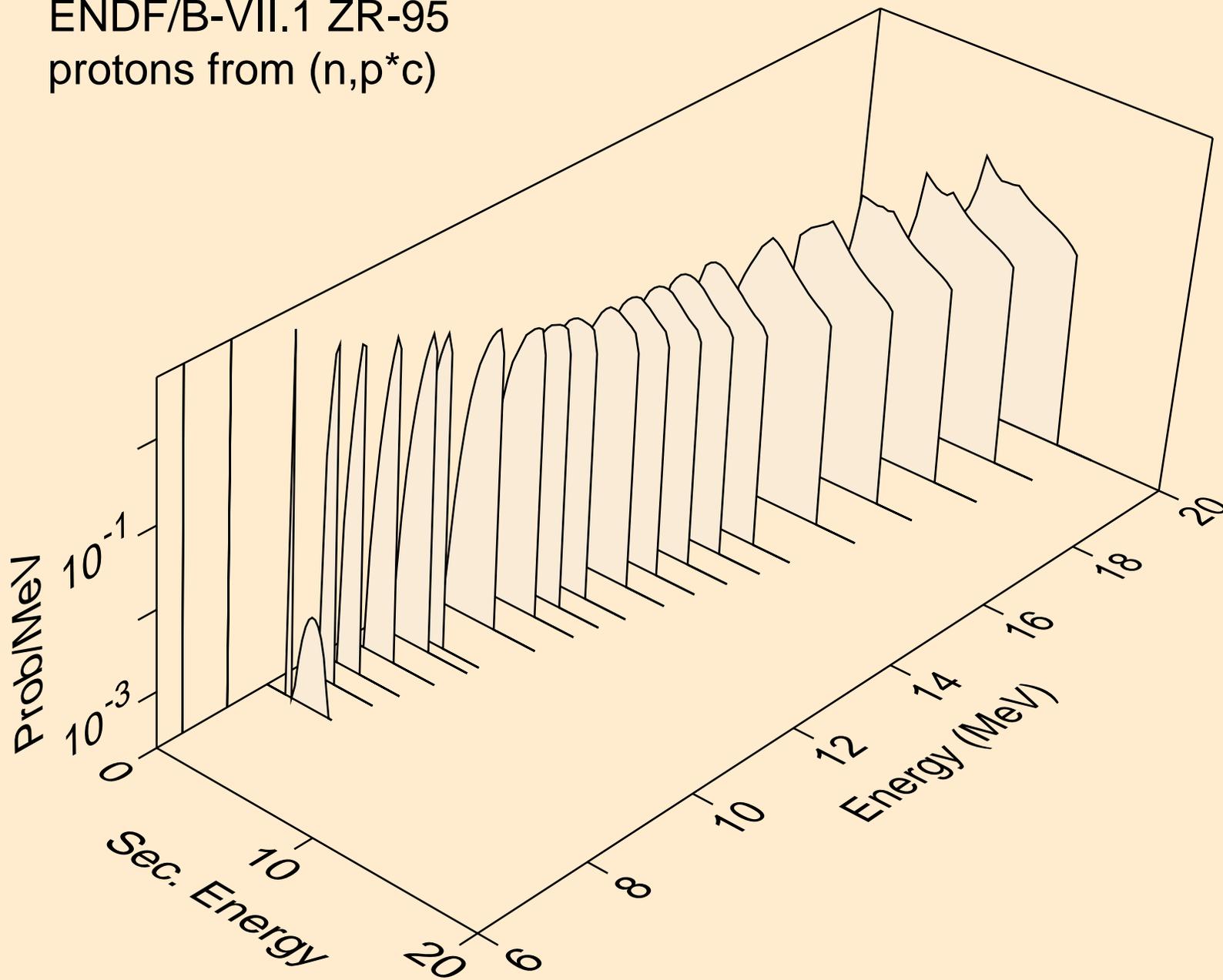


ENDF/B-VII.1 ZR-95

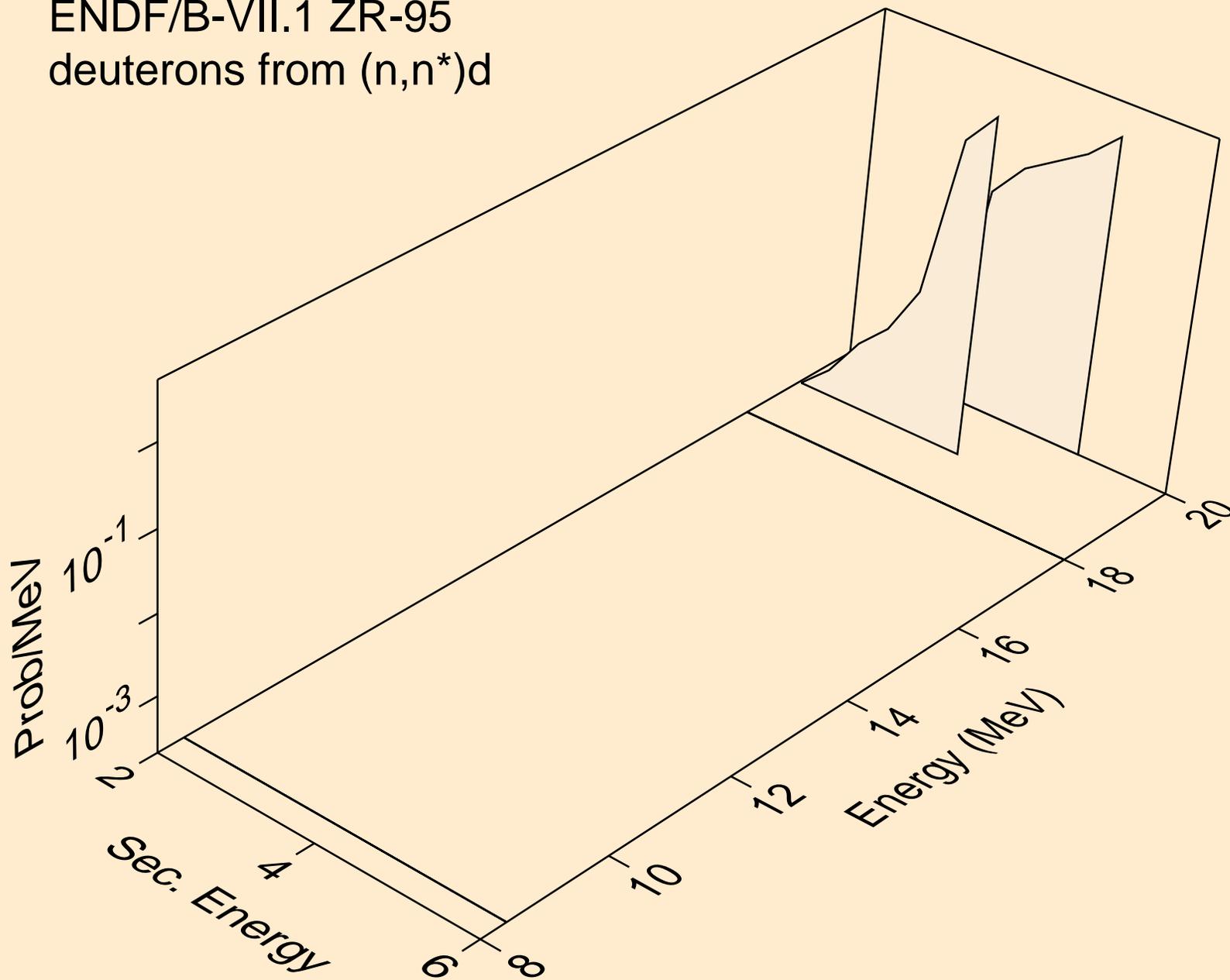
angular distribution for (n,p\*15) proton



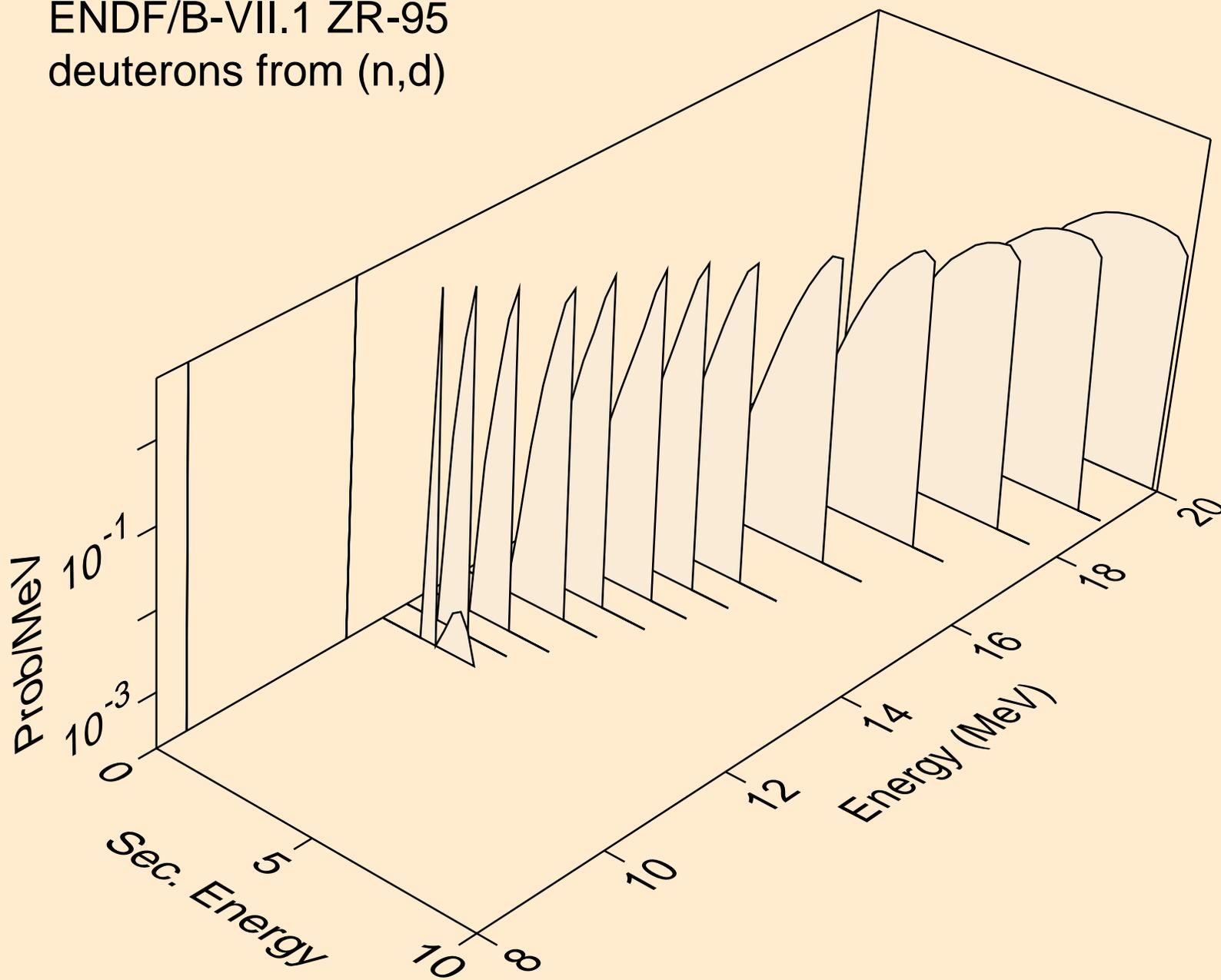
ENDF/B-VII.1 ZR-95  
protons from (n,p\*c)



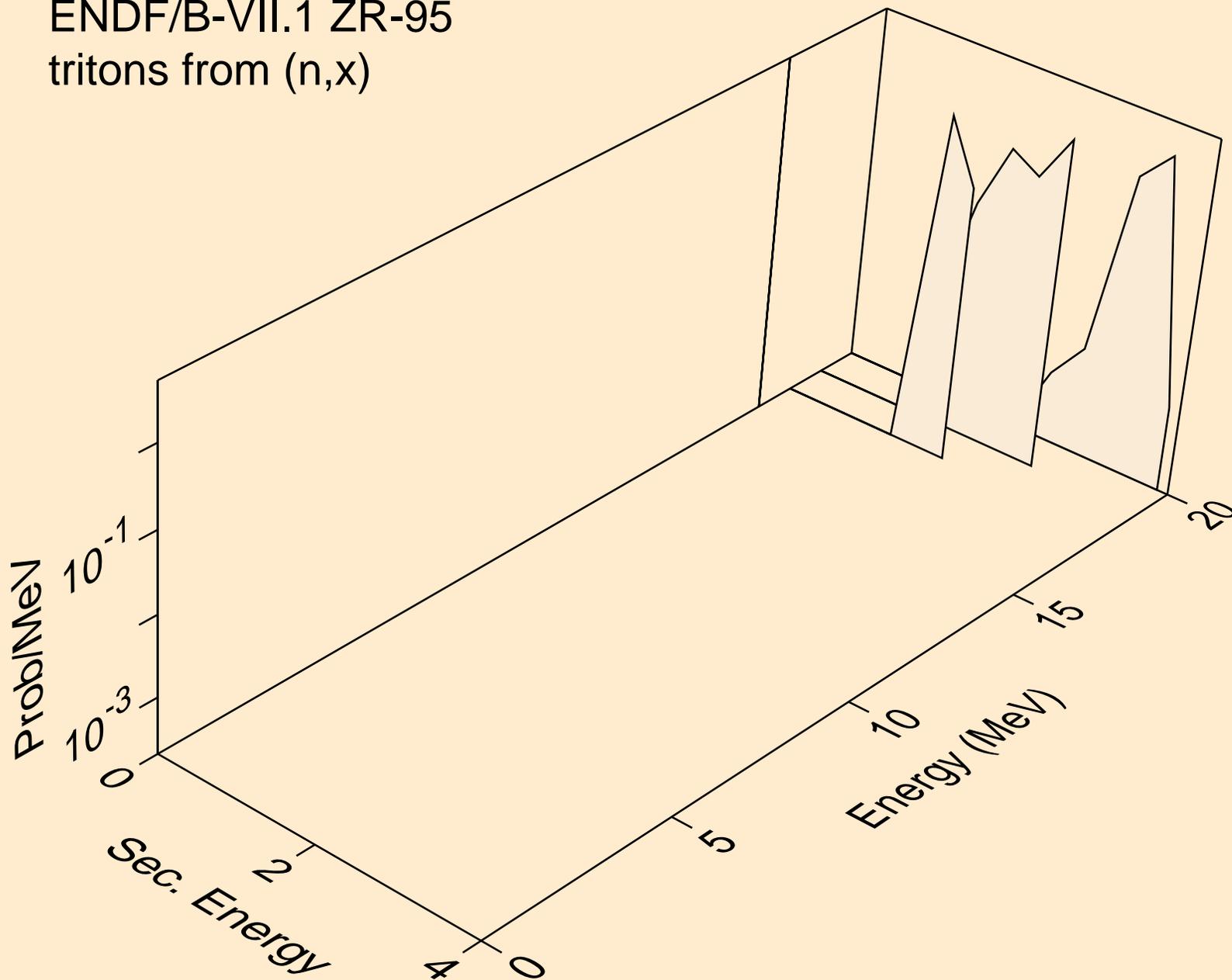
ENDF/B-VII.1 ZR-95  
deuterons from (n,n\*)d



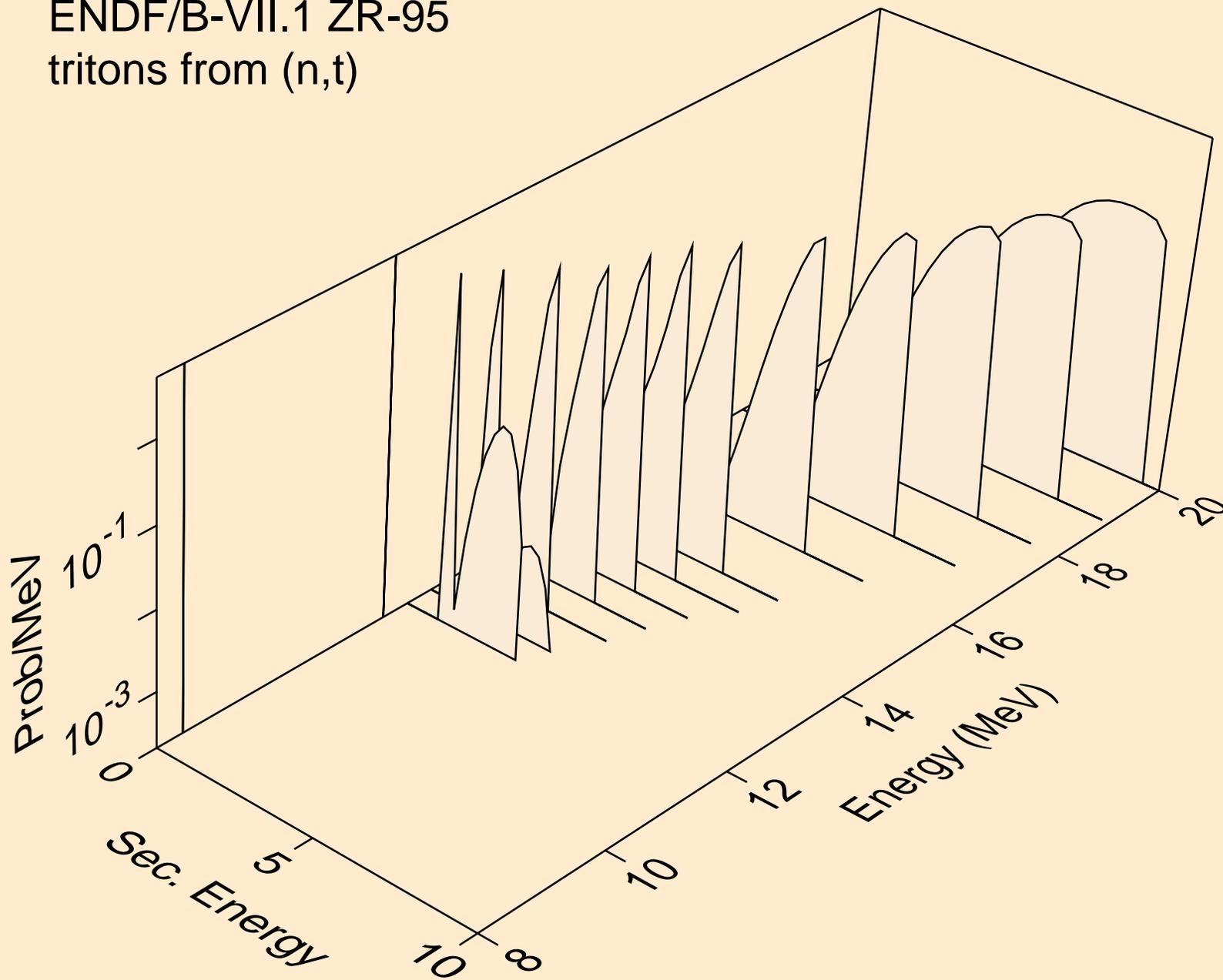
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deuterons from (n,d)



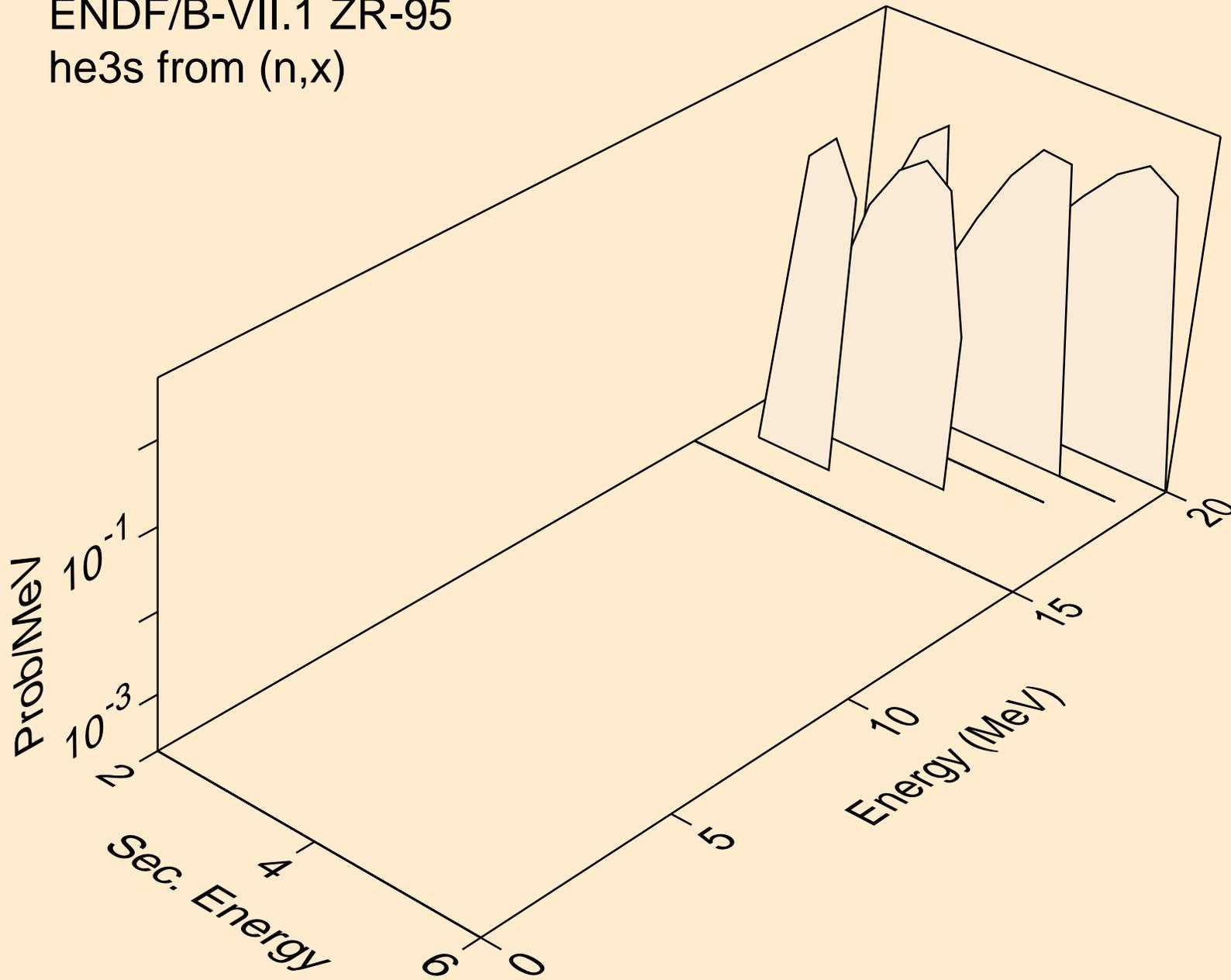
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tritons from (n,x)



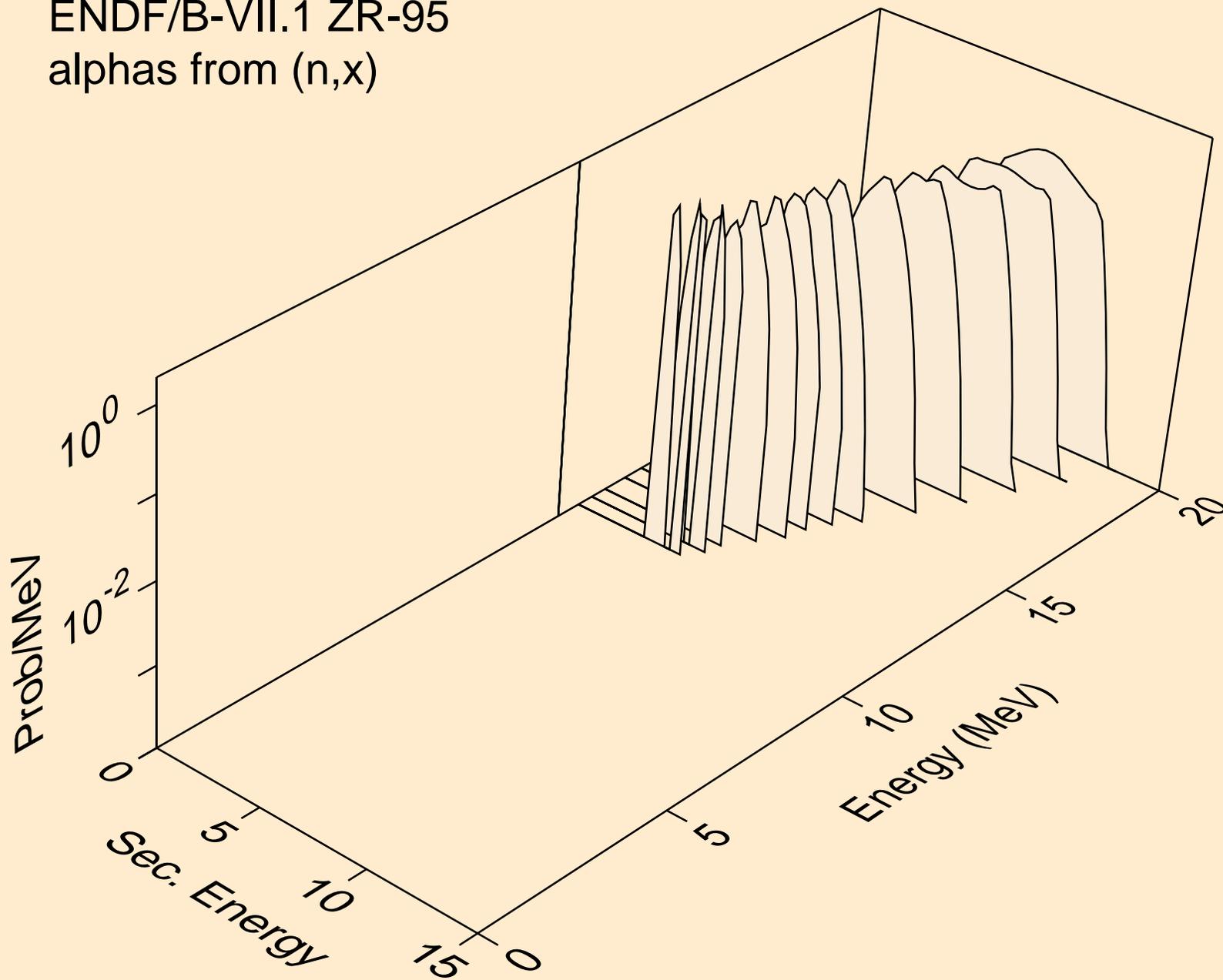
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tritons from (n,t)



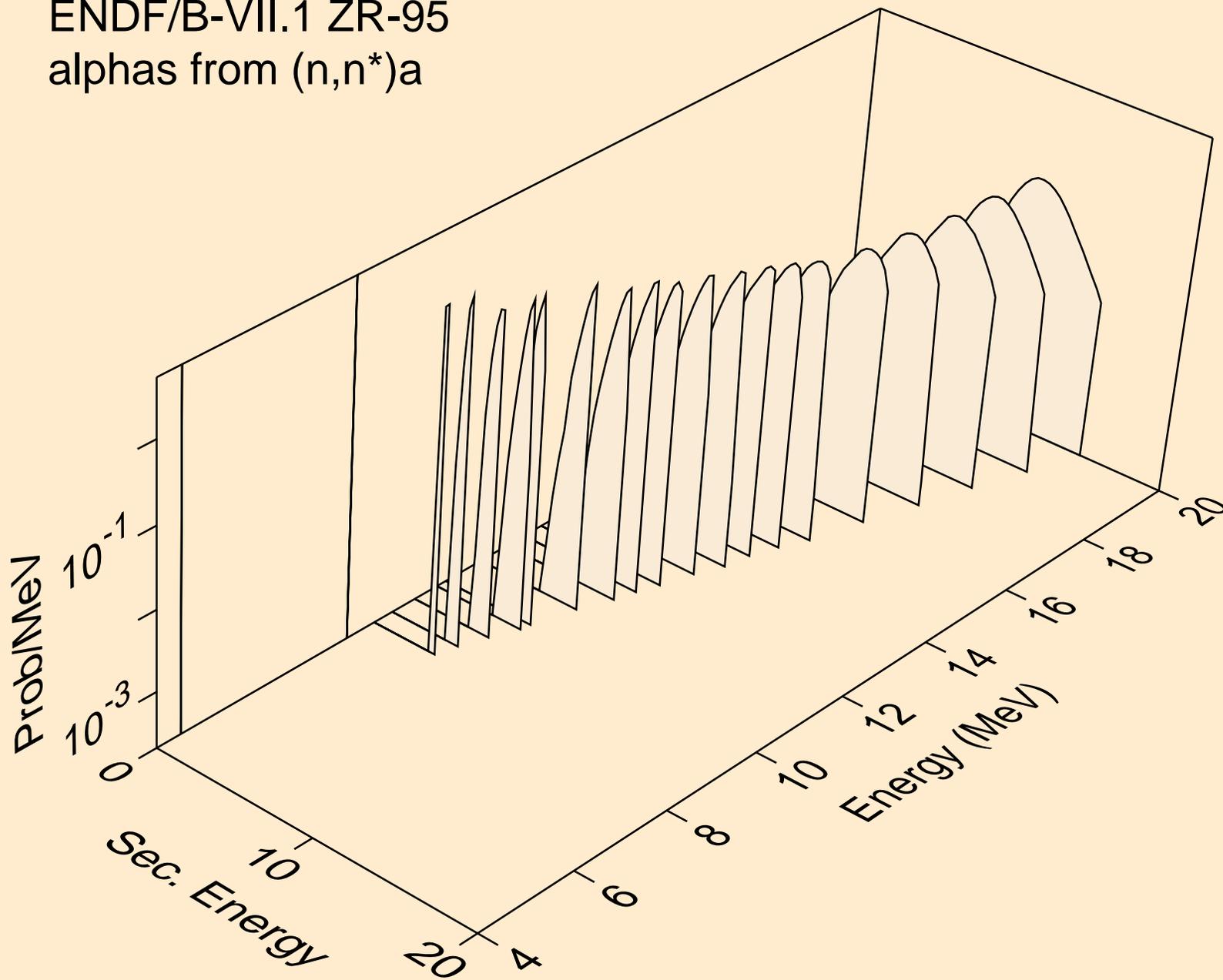
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he3s from (n,x)



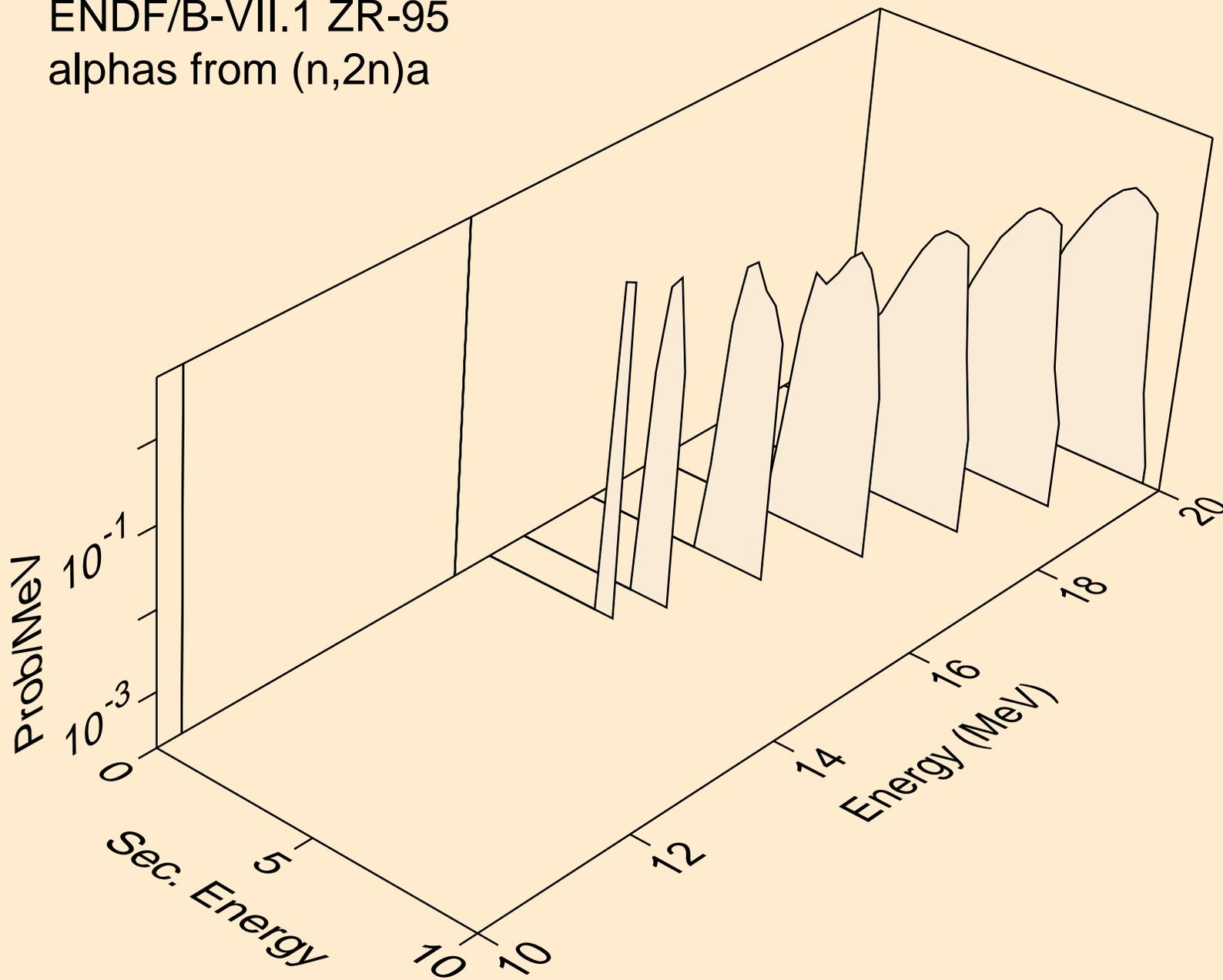
ENDF/B-VII.1 ZR-95  
alphas from (n,x)



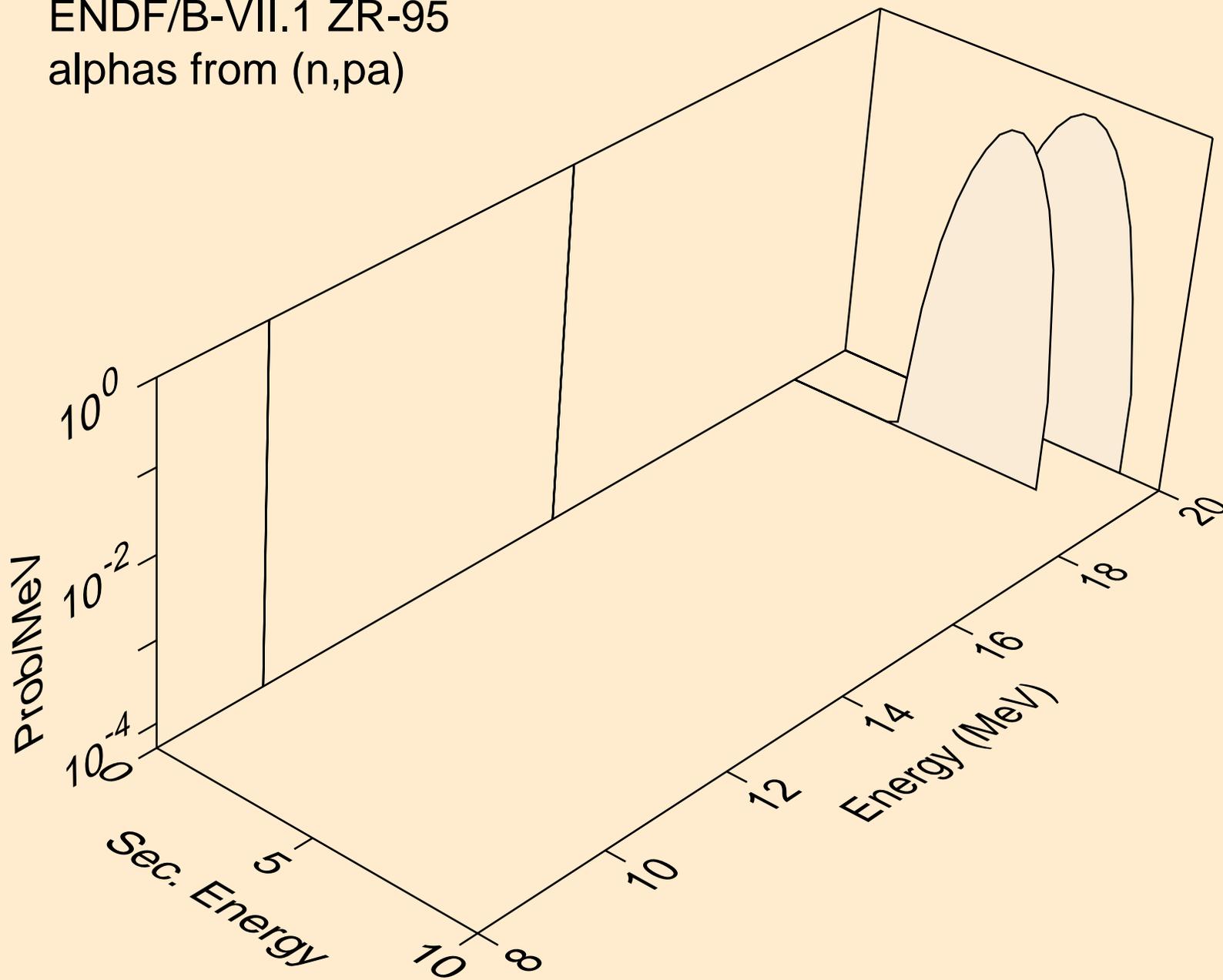
ENDF/B-VII.1 ZR-95  
alphas from (n,n\*)a



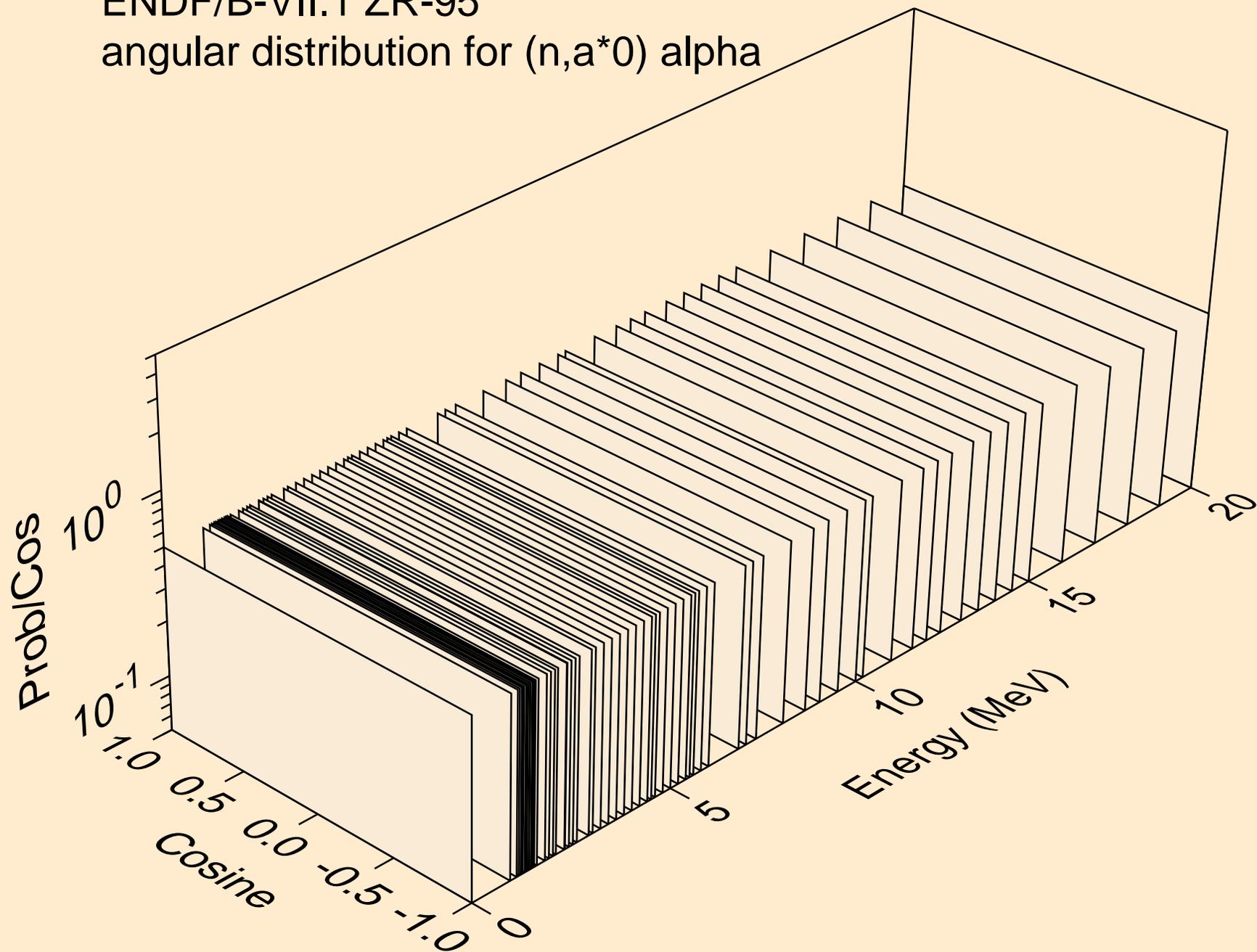
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alphas from (n,2n)a



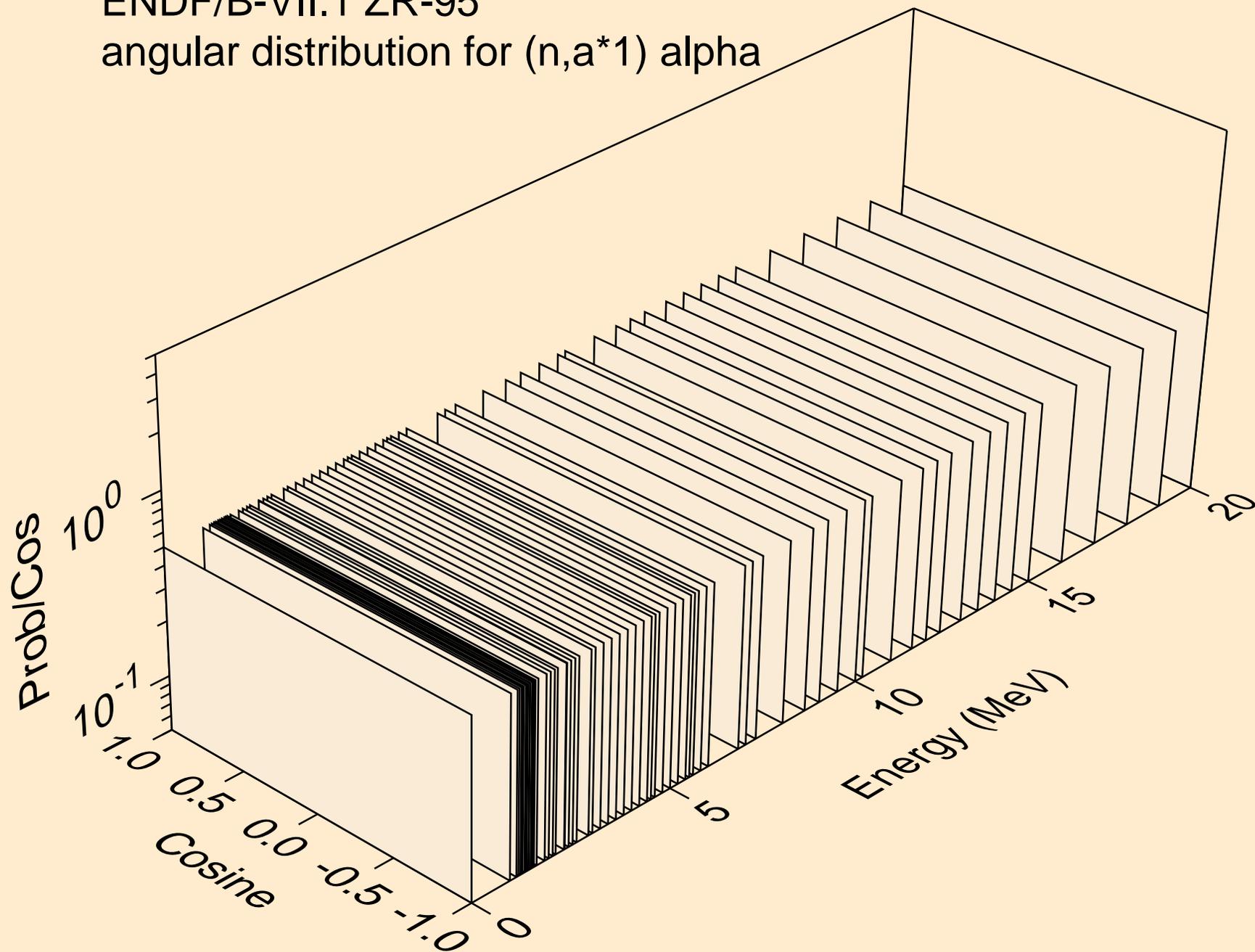
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alphas from (n,pa)



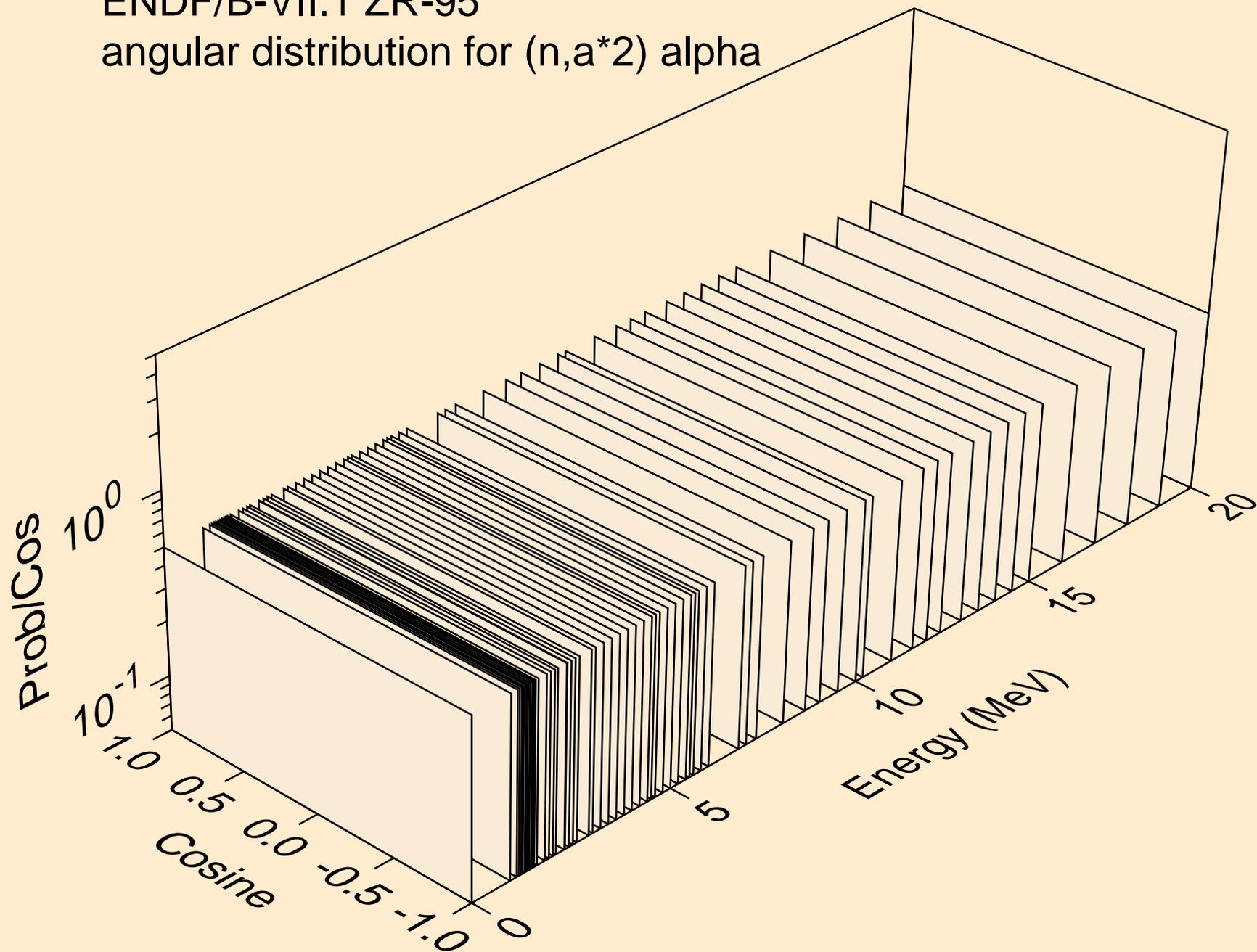
ENDF/B-VII.1 ZR-95  
angular distribution for (n,a\*0) alpha



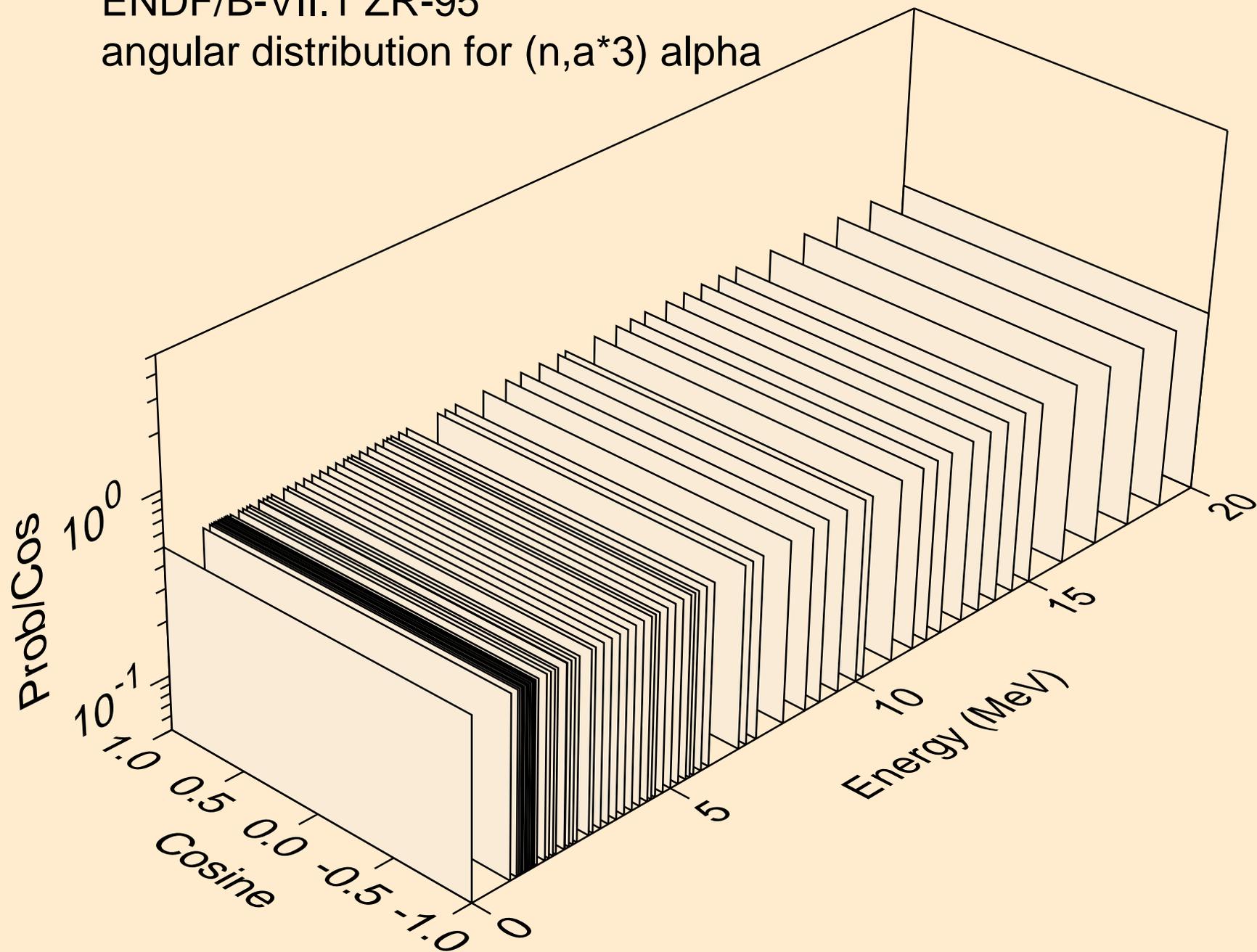
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angular distribution for (n,a\*1) alpha



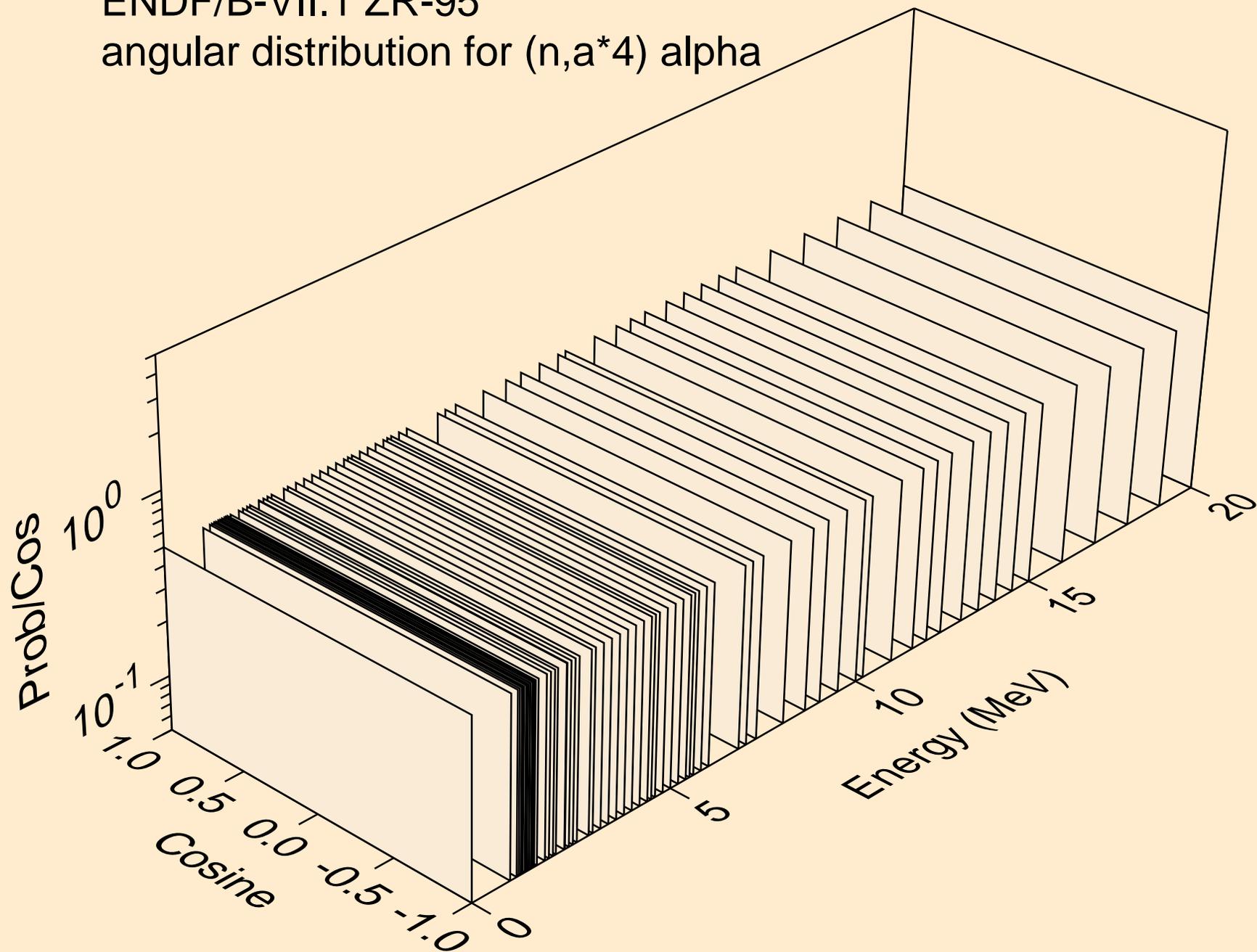
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angular distribution for (n,a\*2) alpha



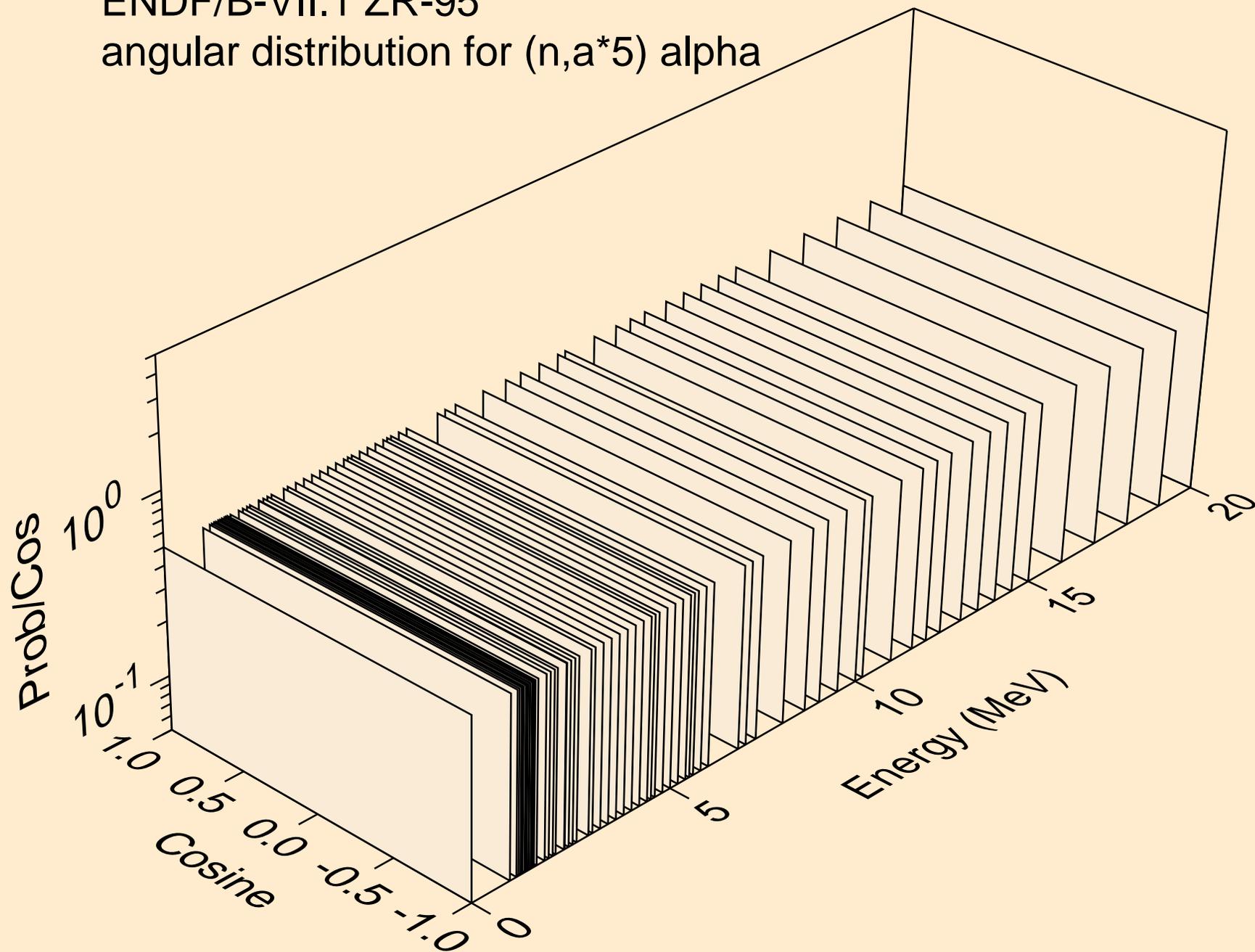
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angular distribution for (n,a\*3) alpha



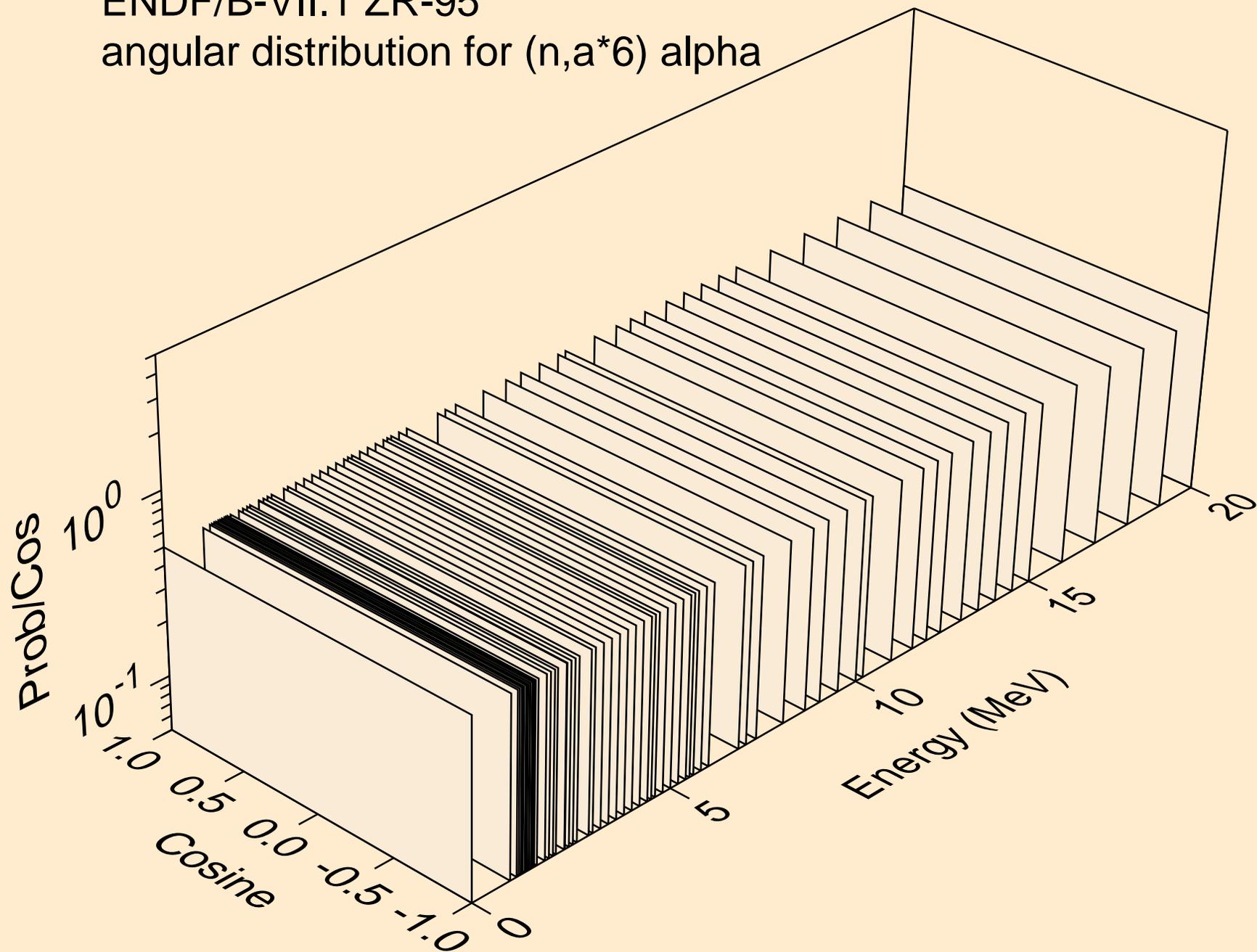
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angular distribution for (n,a\*4) alpha



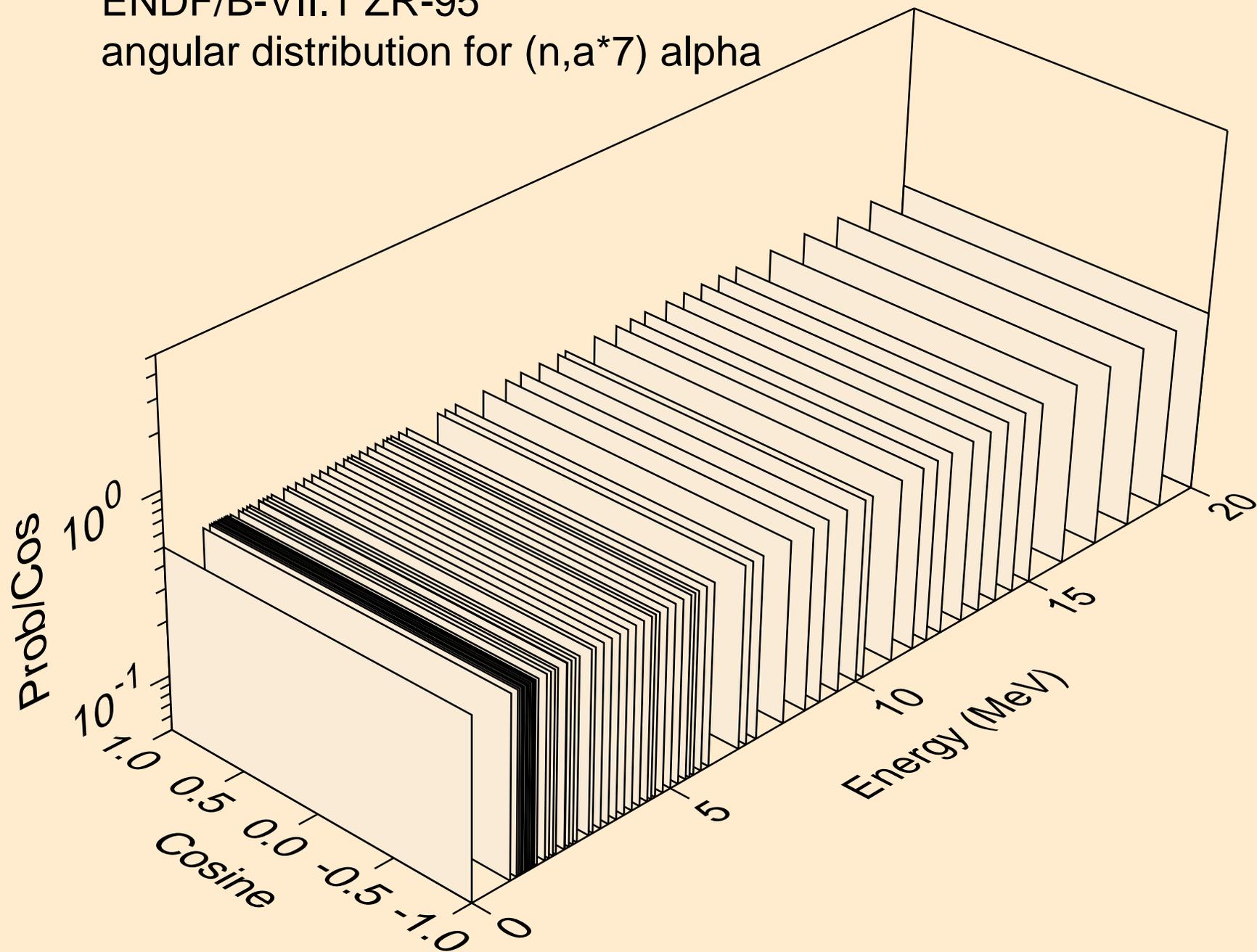
ENDF/B-VII.1 ZR-95  
angular distribution for (n,a\*5) alpha



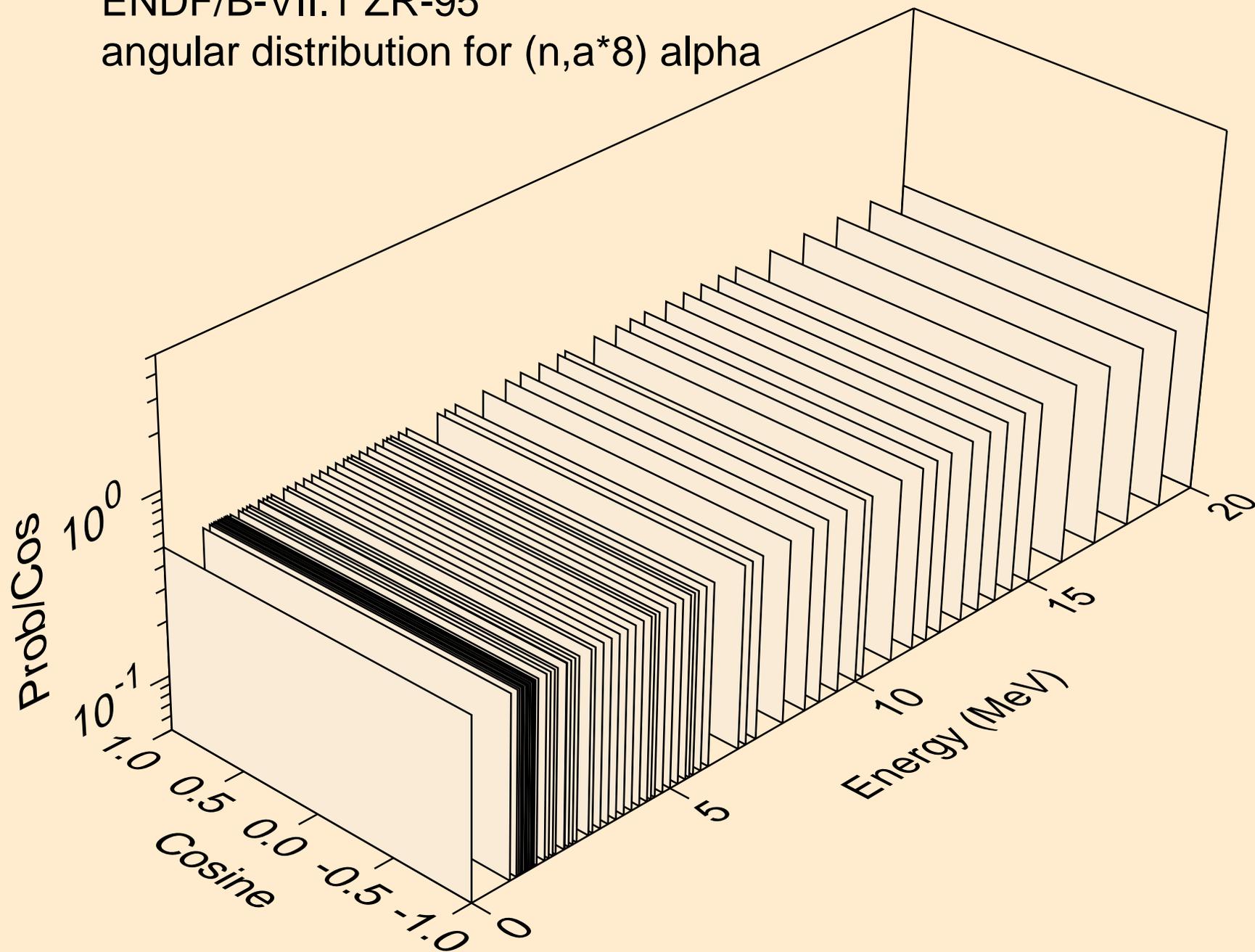
ENDF/B-VII.1 ZR-95  
angular distribution for (n, $\alpha$ \*6) alpha



ENDF/B-VII.1 ZR-95  
angular distribution for (n, $\alpha$ \*7) alpha



ENDF/B-VII.1 ZR-95  
angular distribution for (n,a\*8) alpha



ENDF/B-VII.1 ZR-95  
alphas from (n,a\*c)

