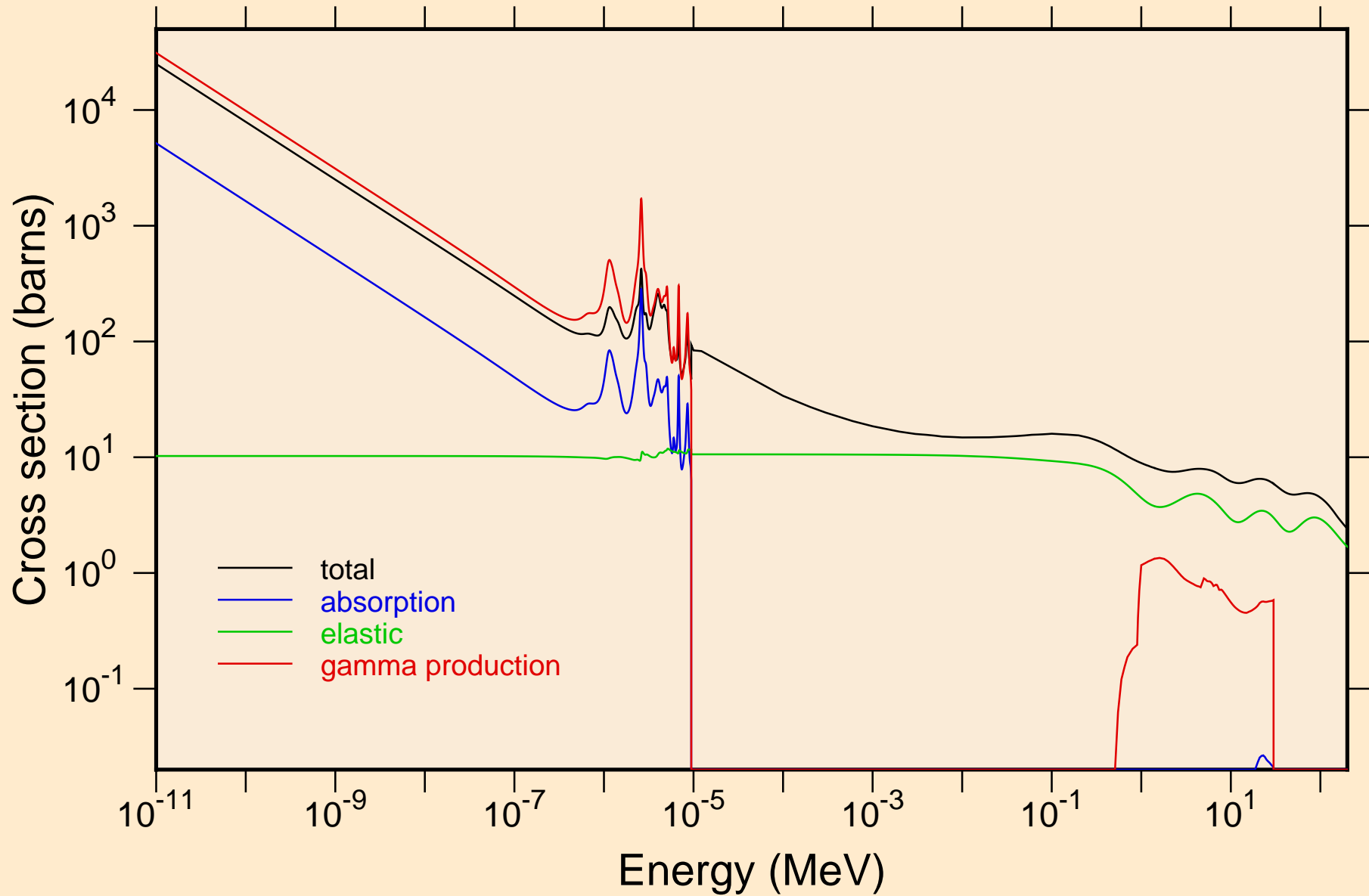


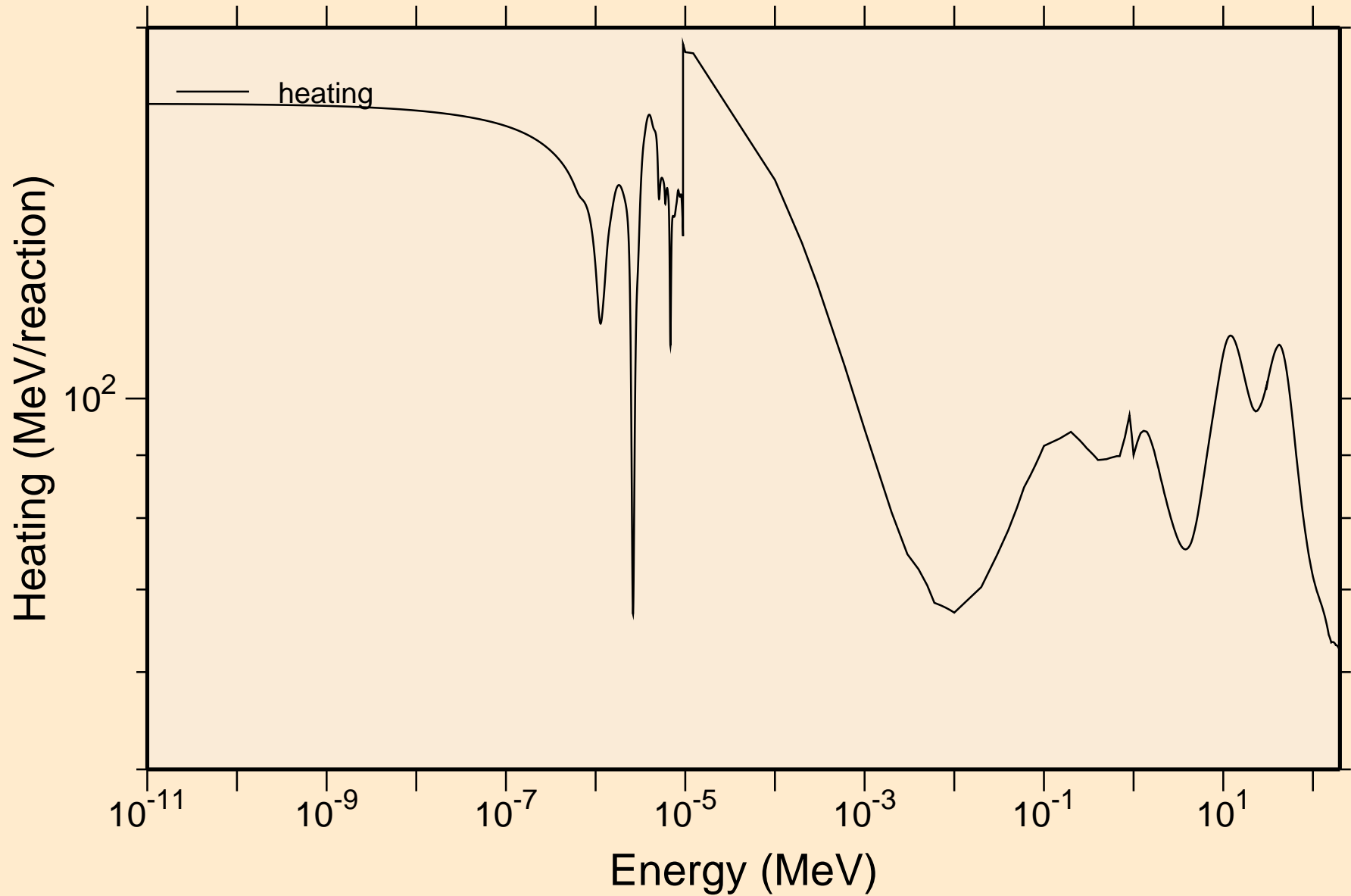
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



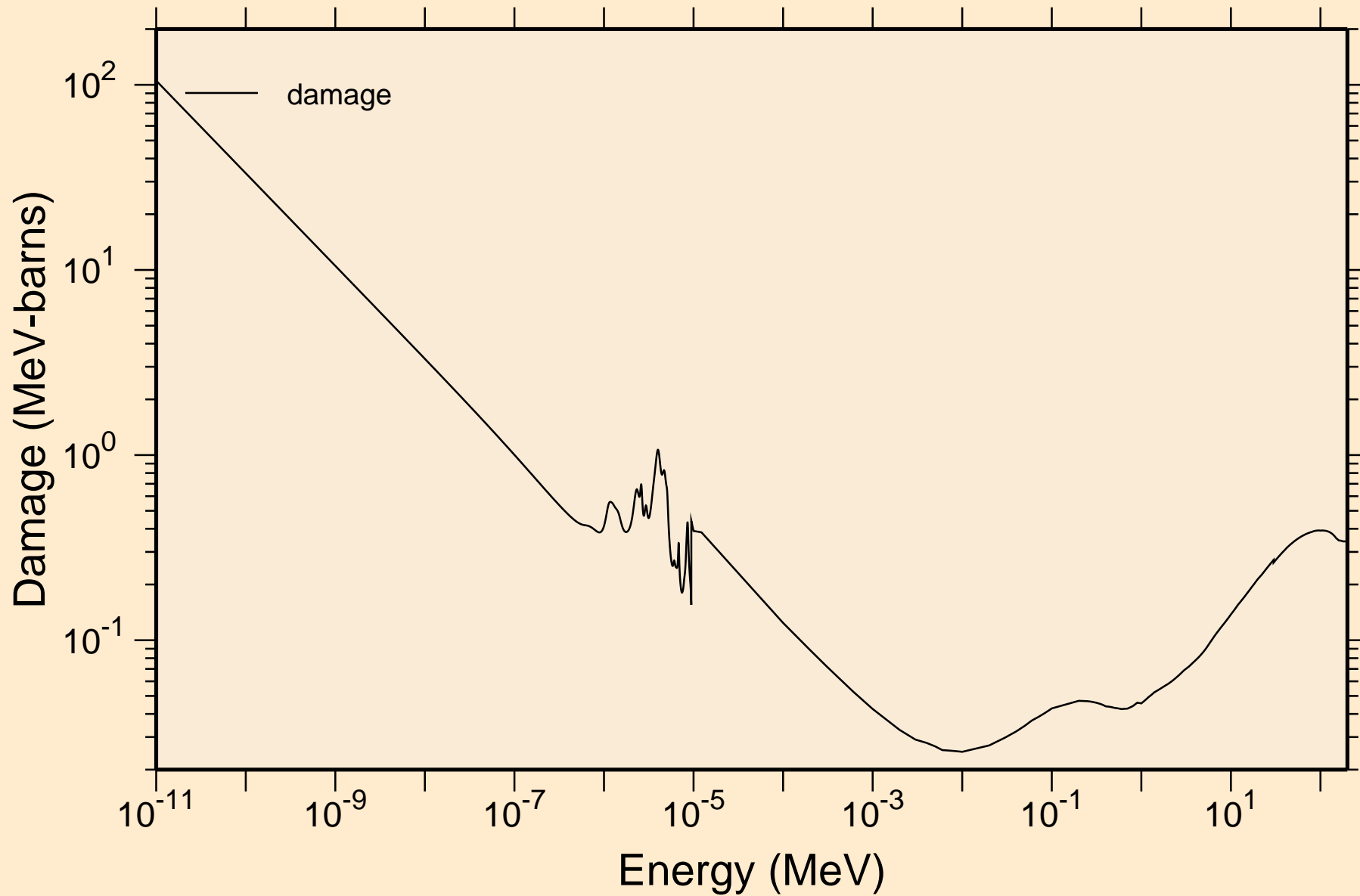
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



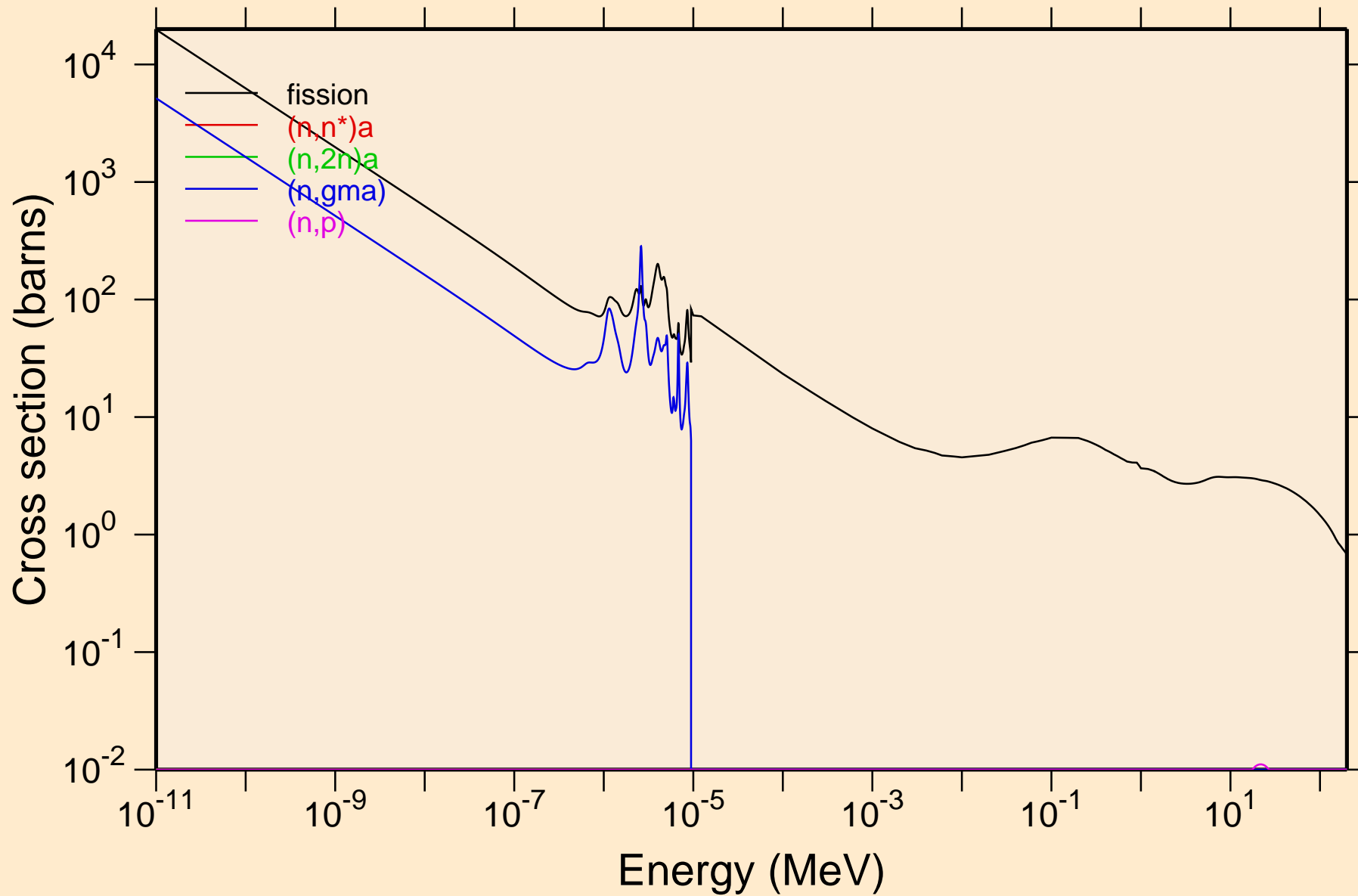
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



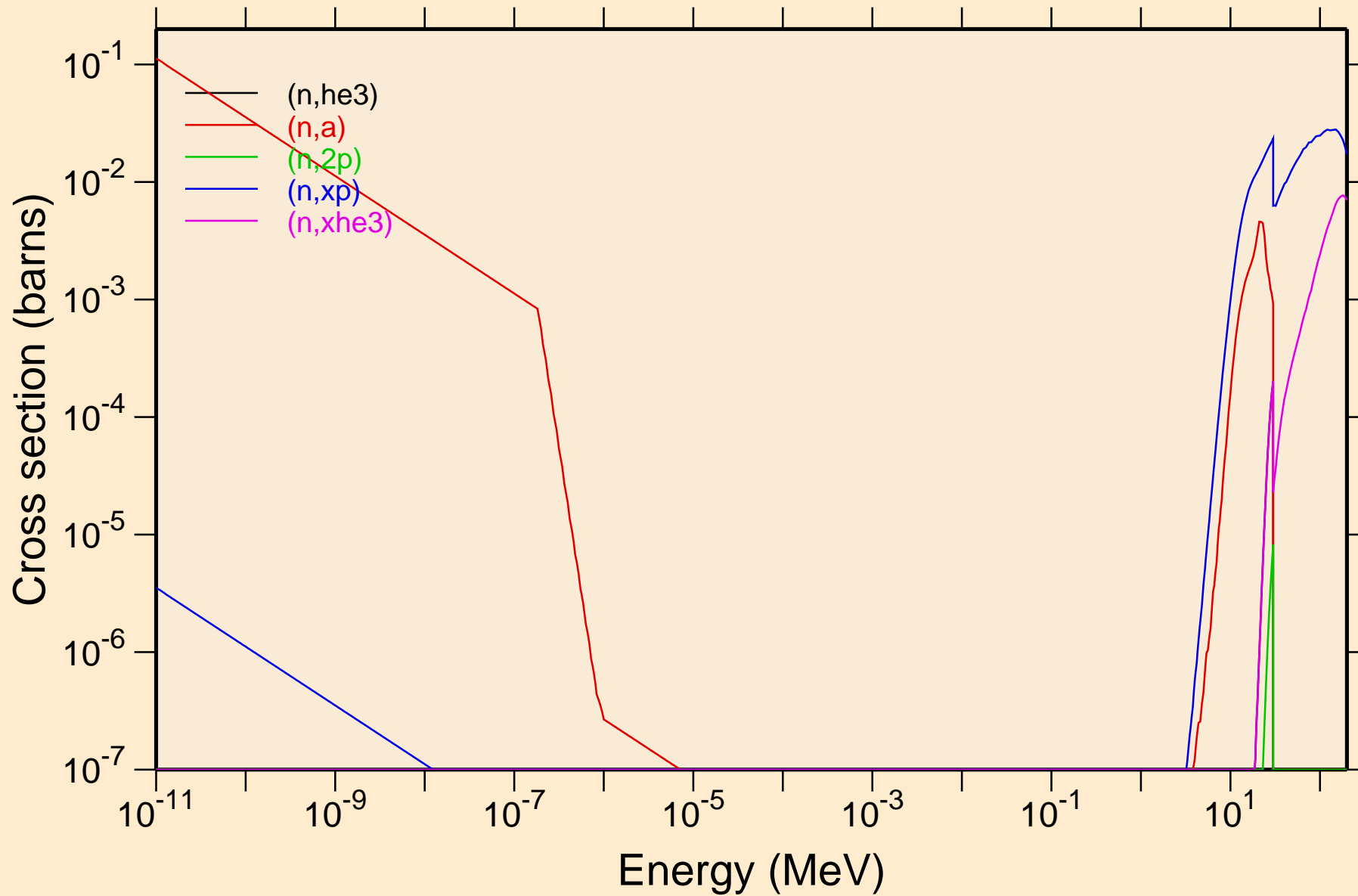
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

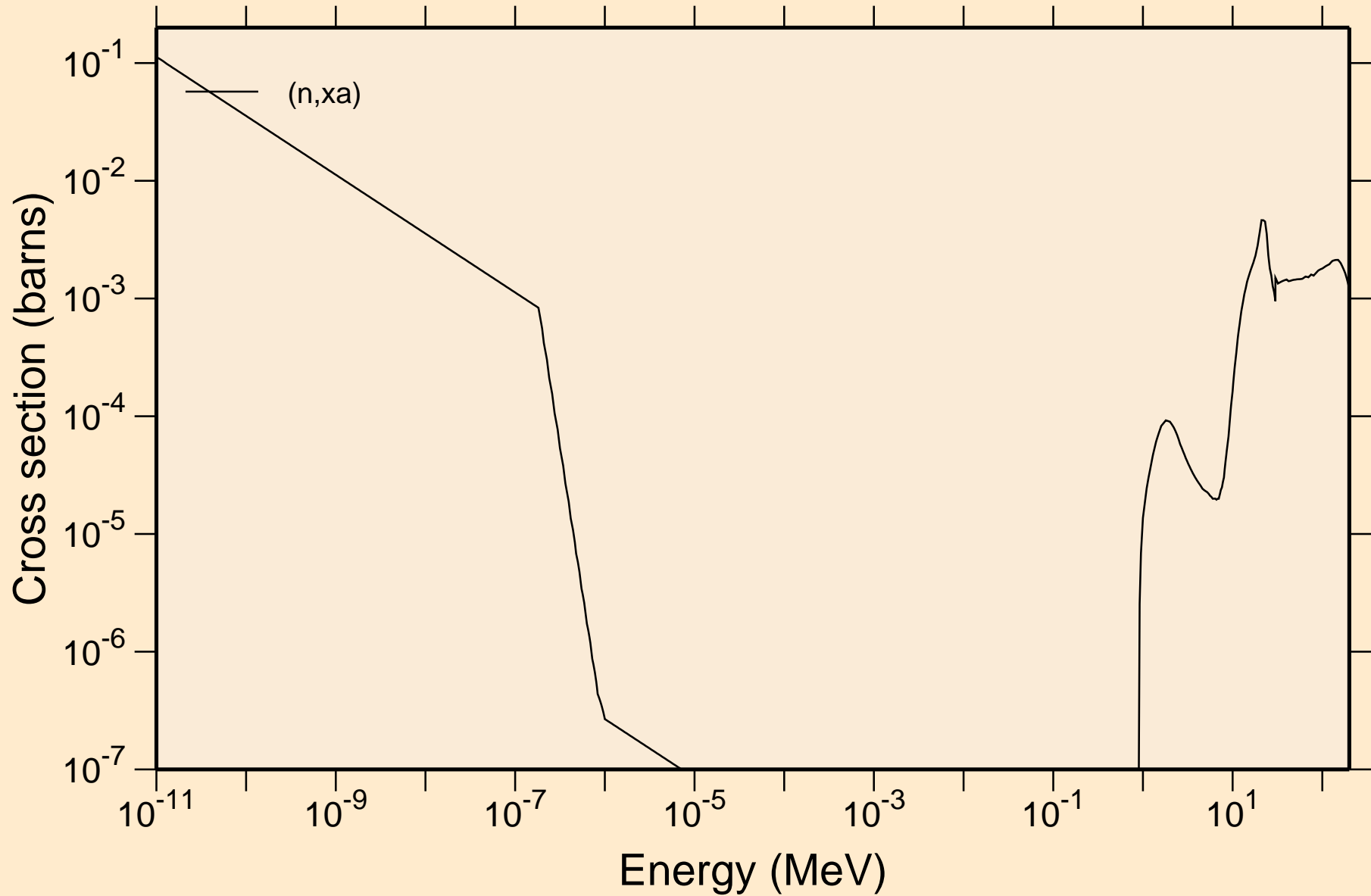


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

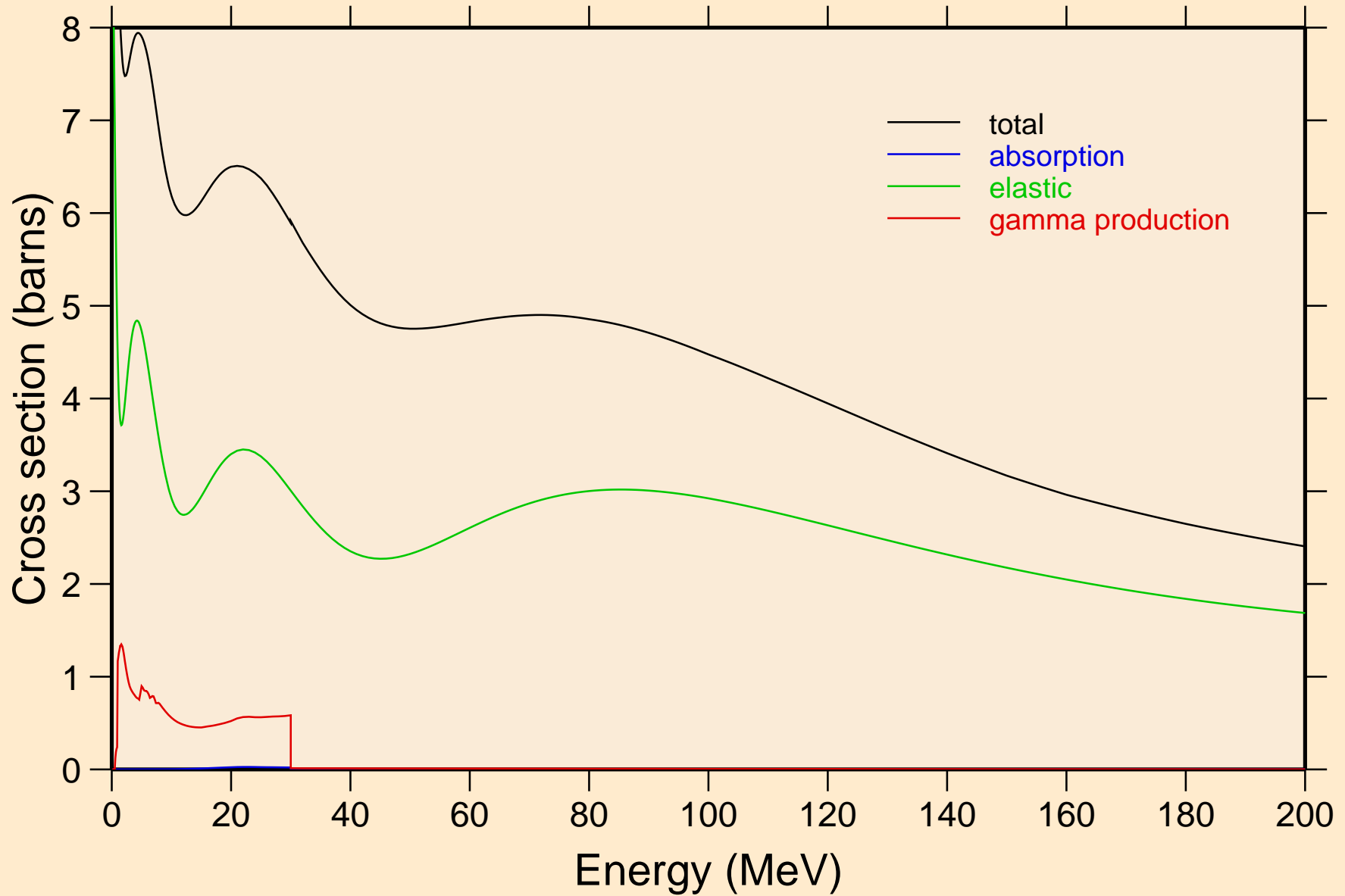


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

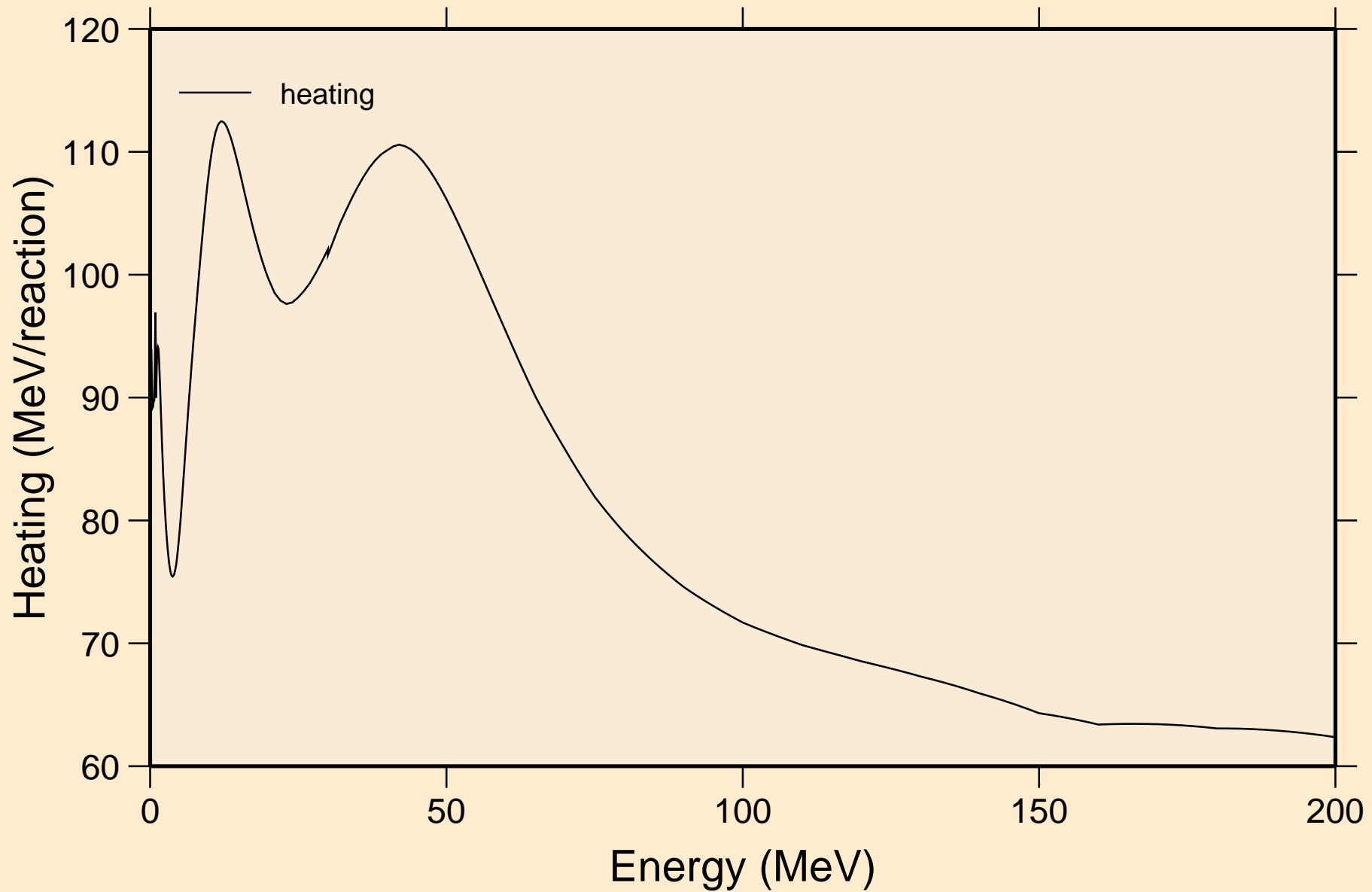


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

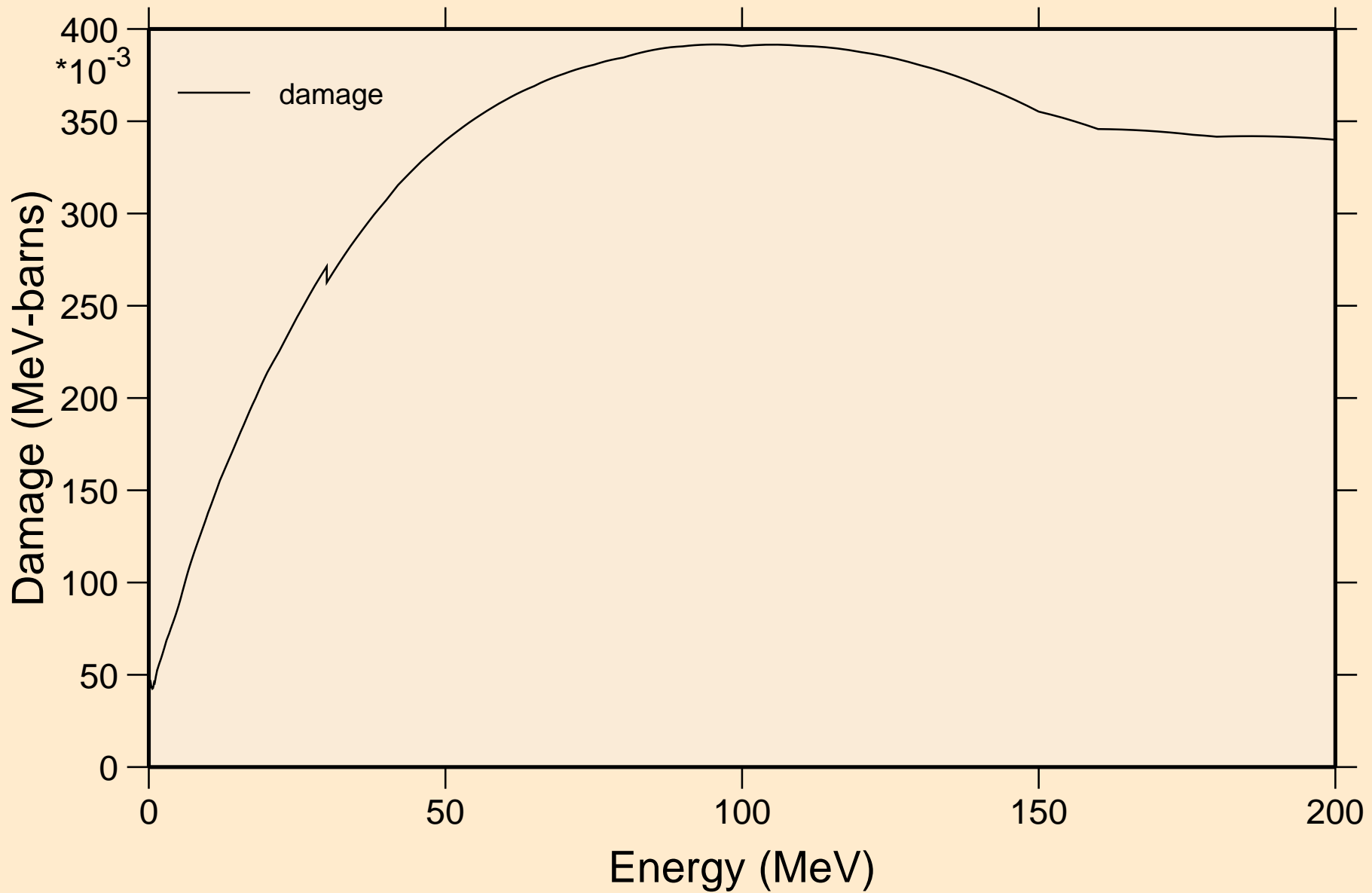


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



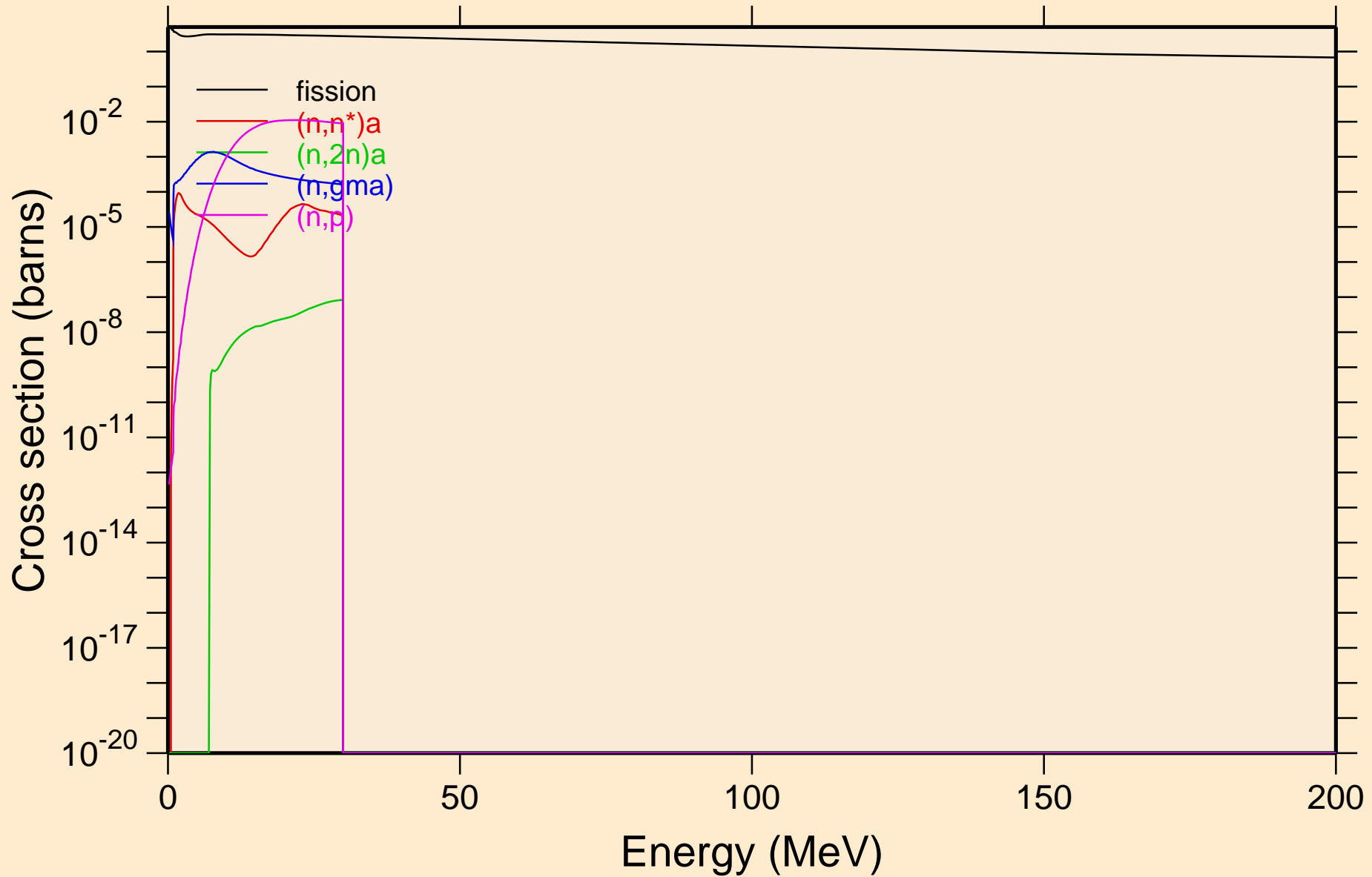
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



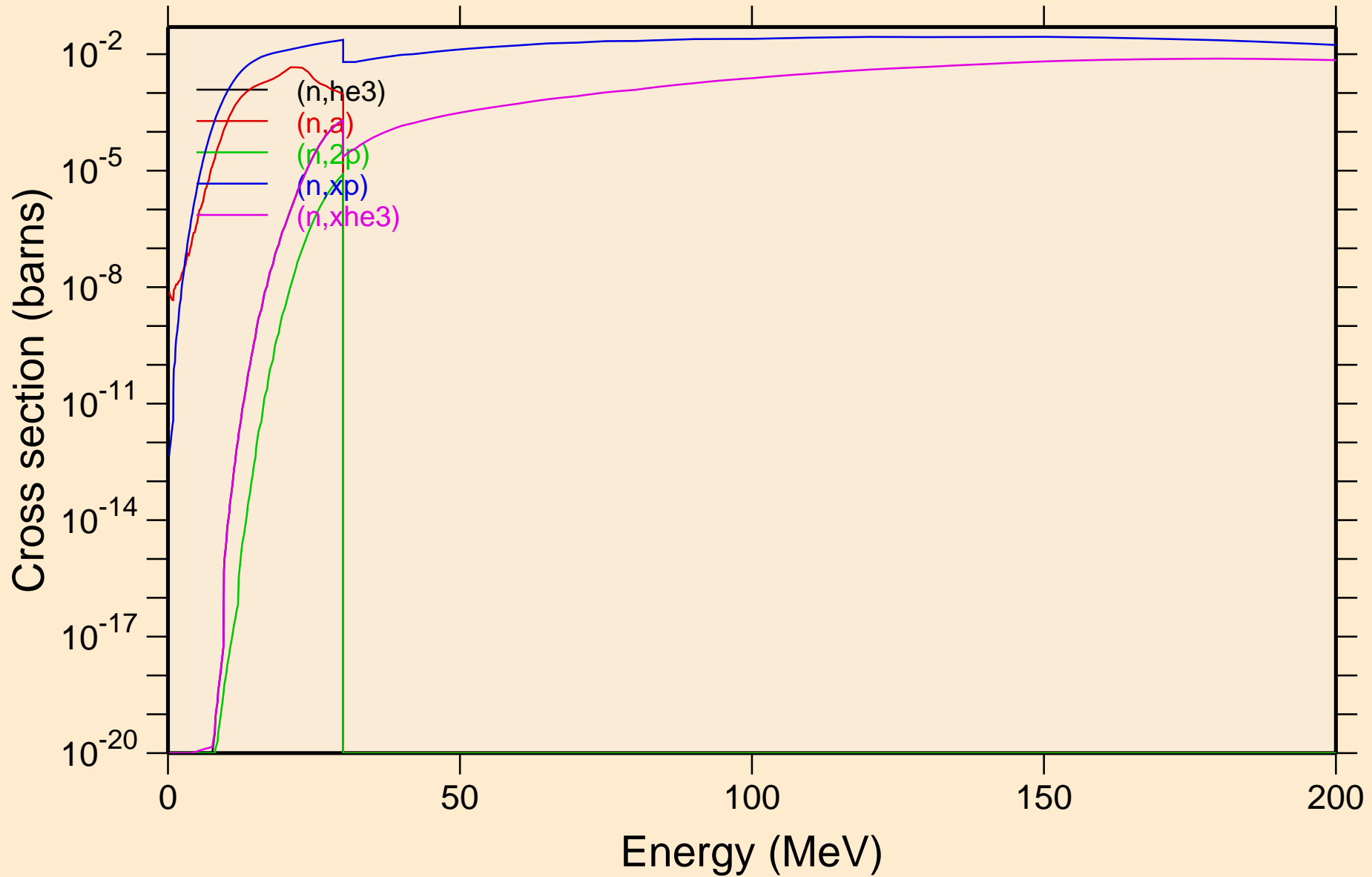
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

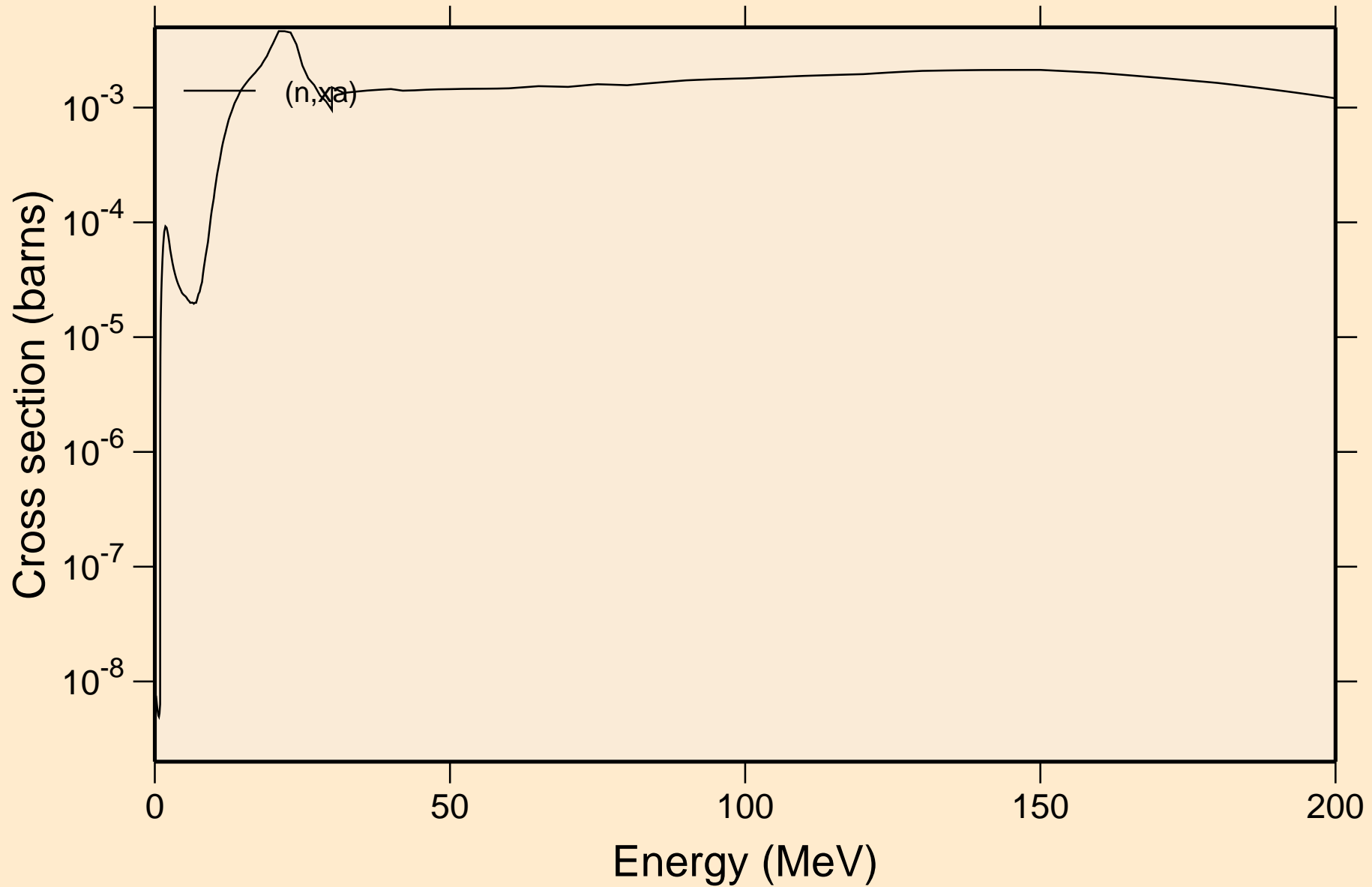


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

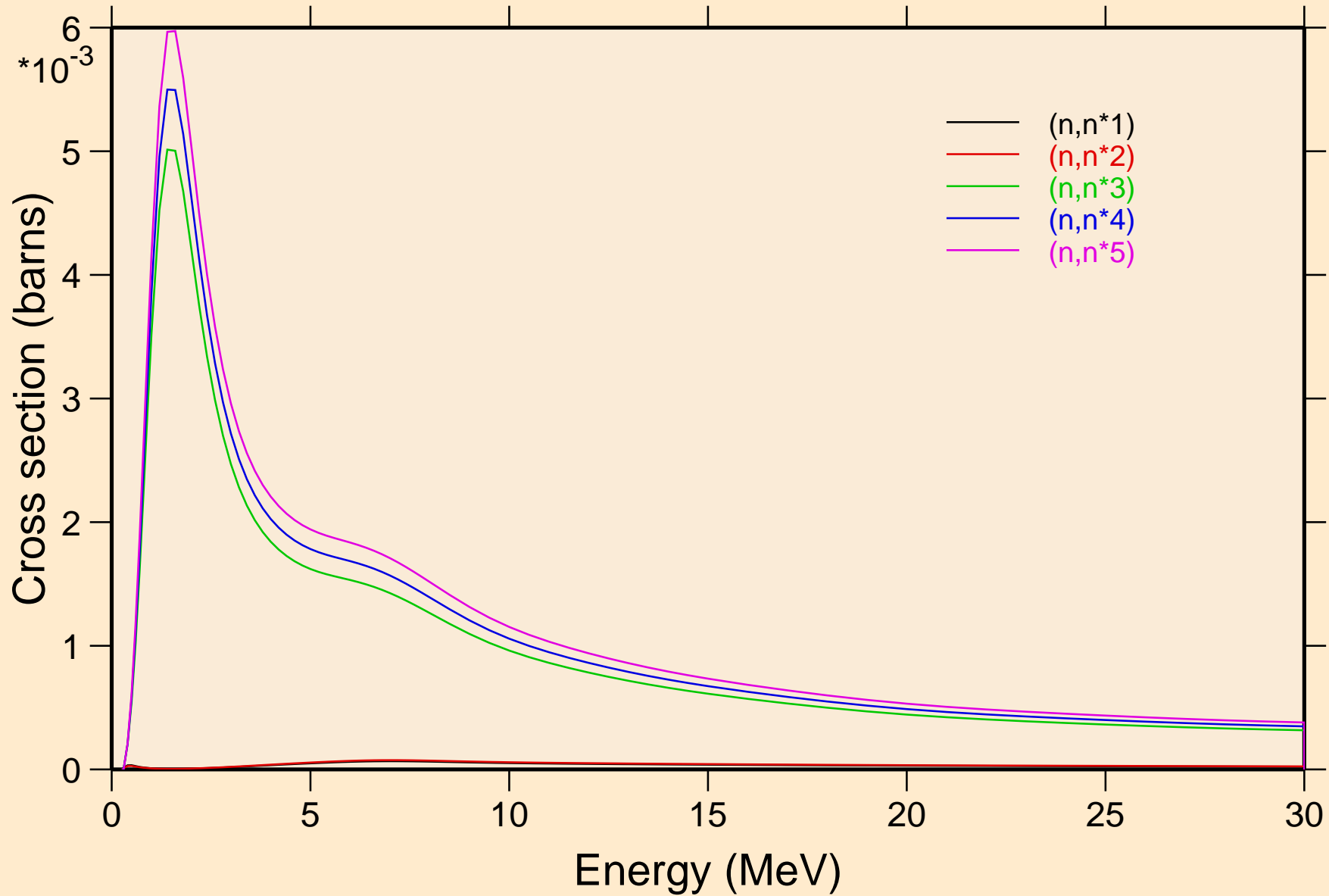


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



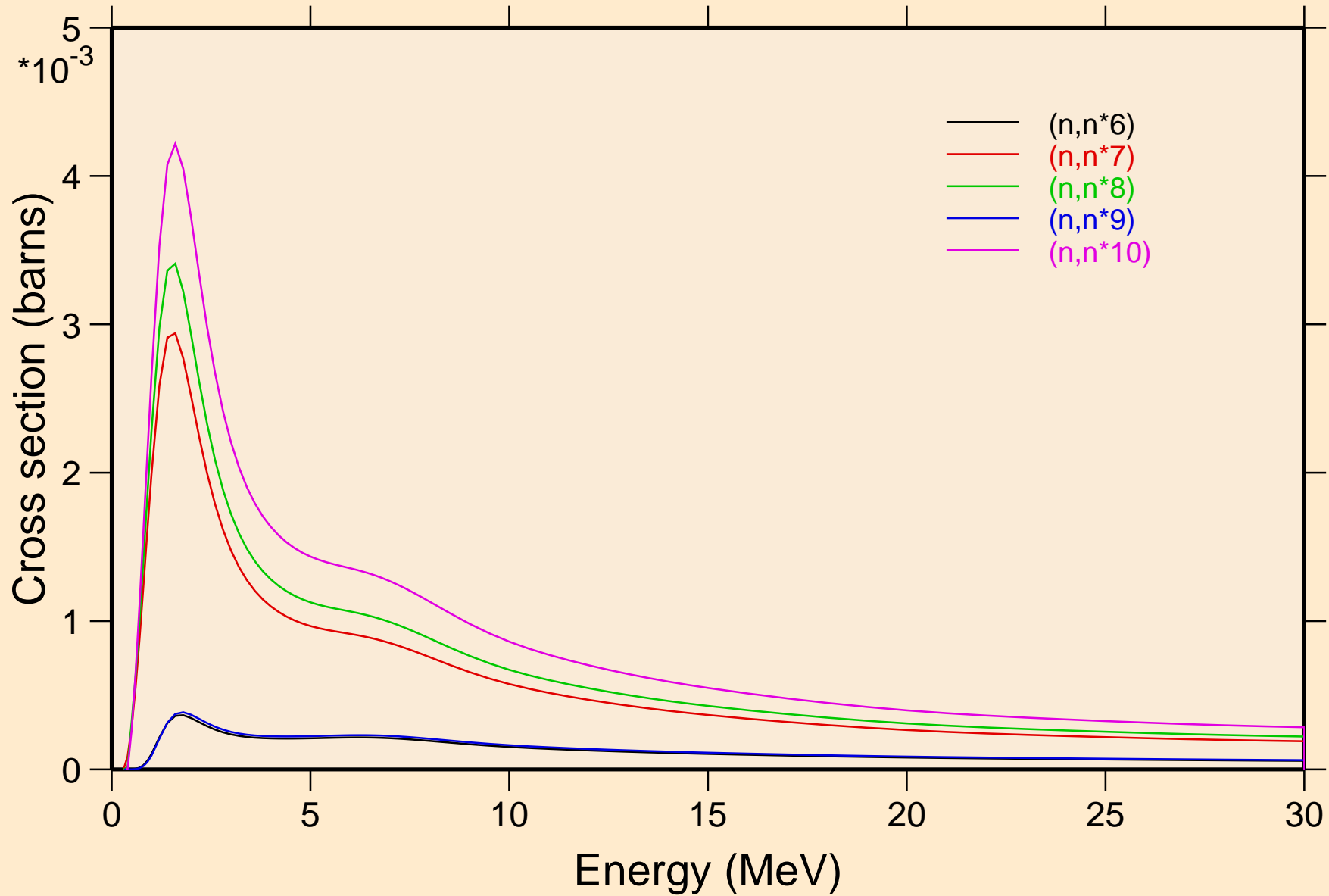
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



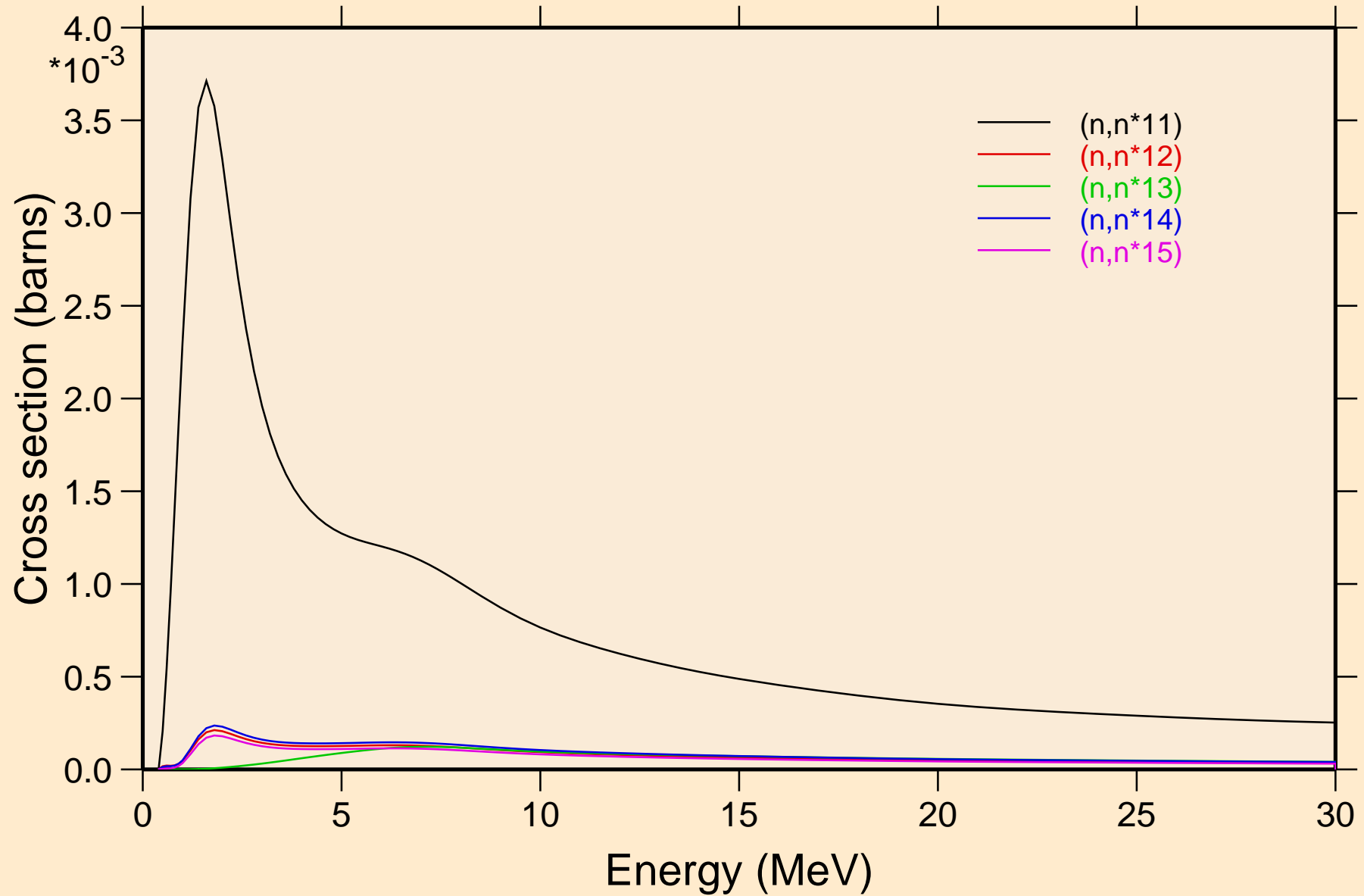
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



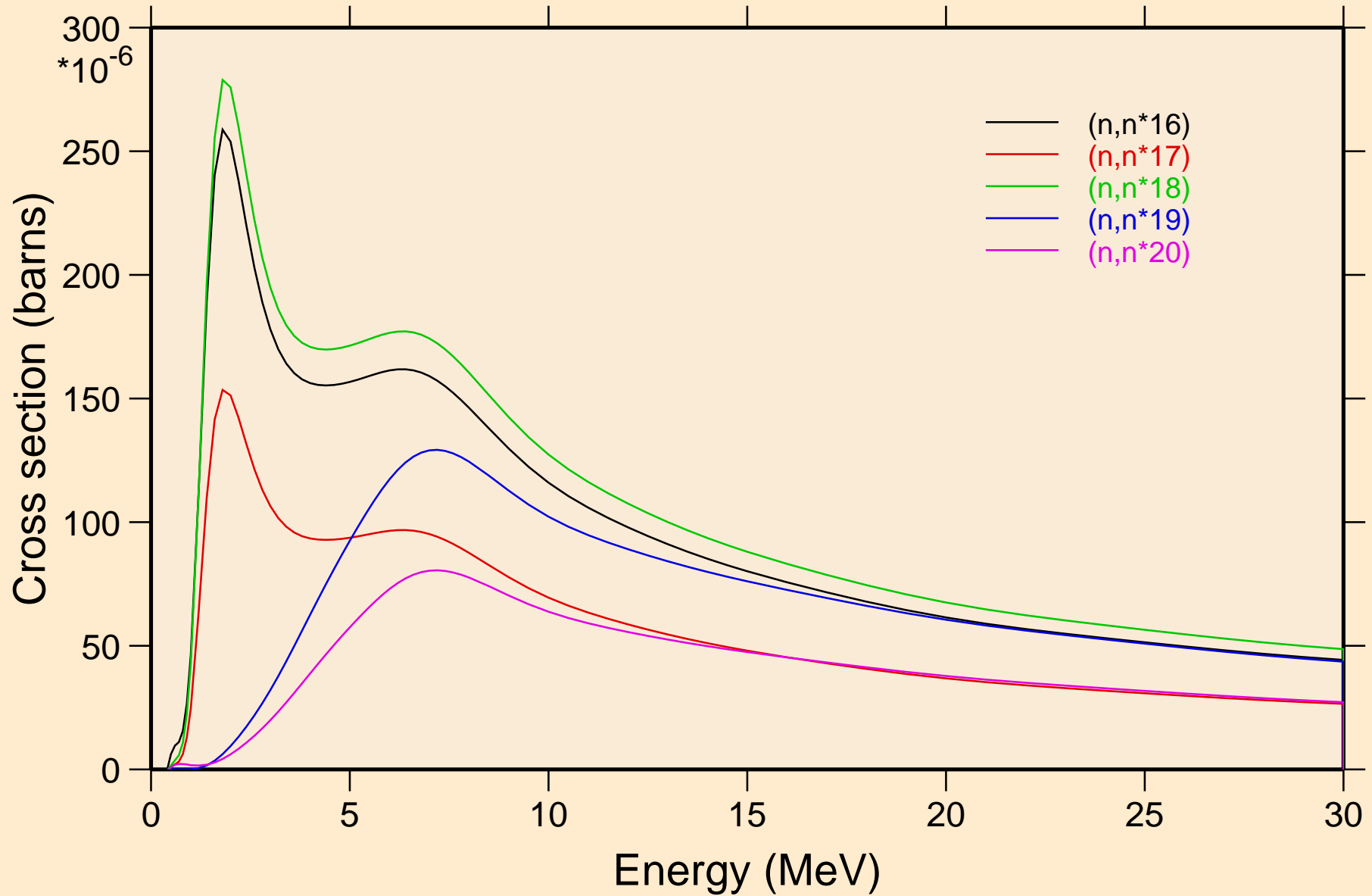
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

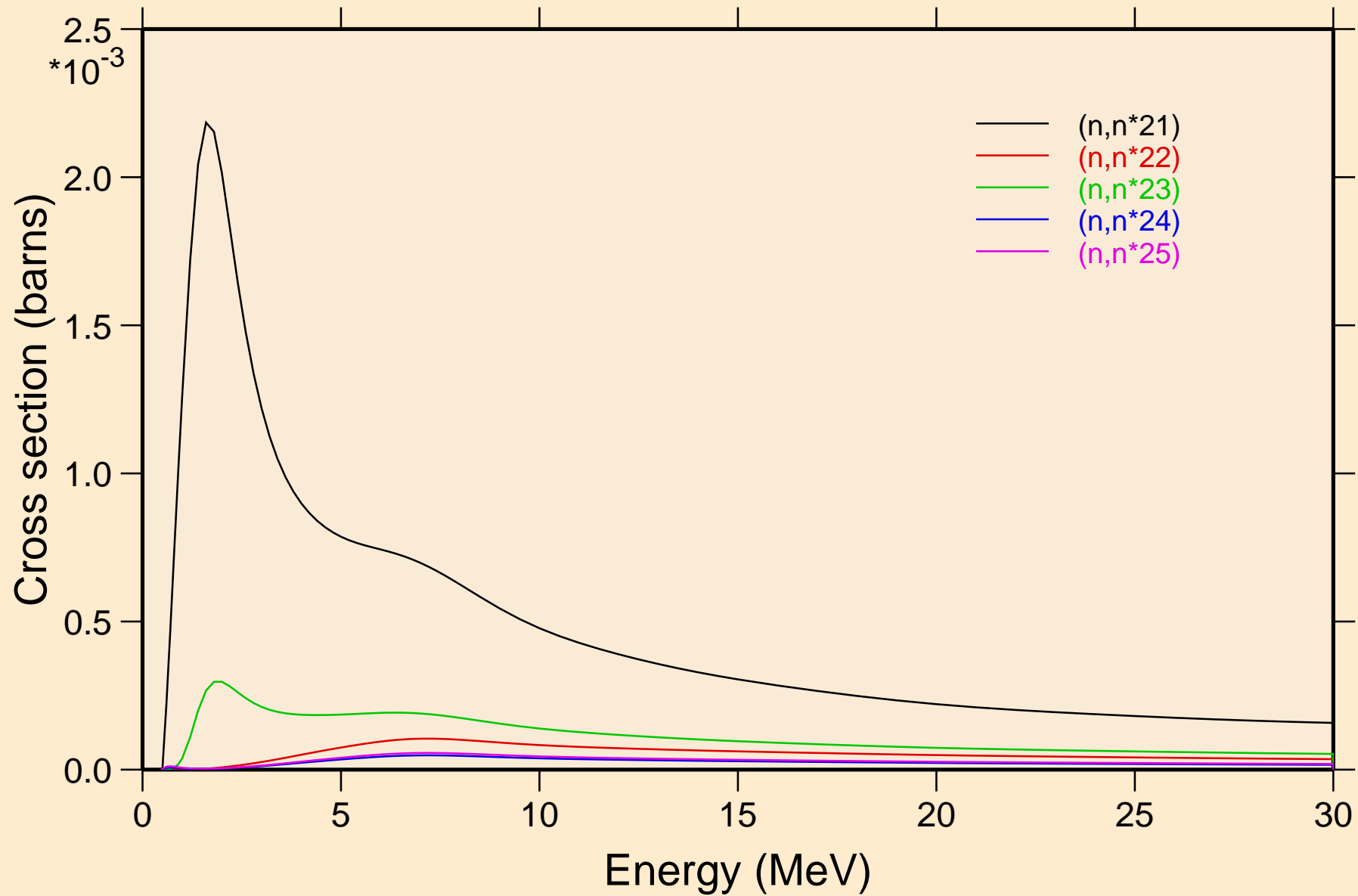


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

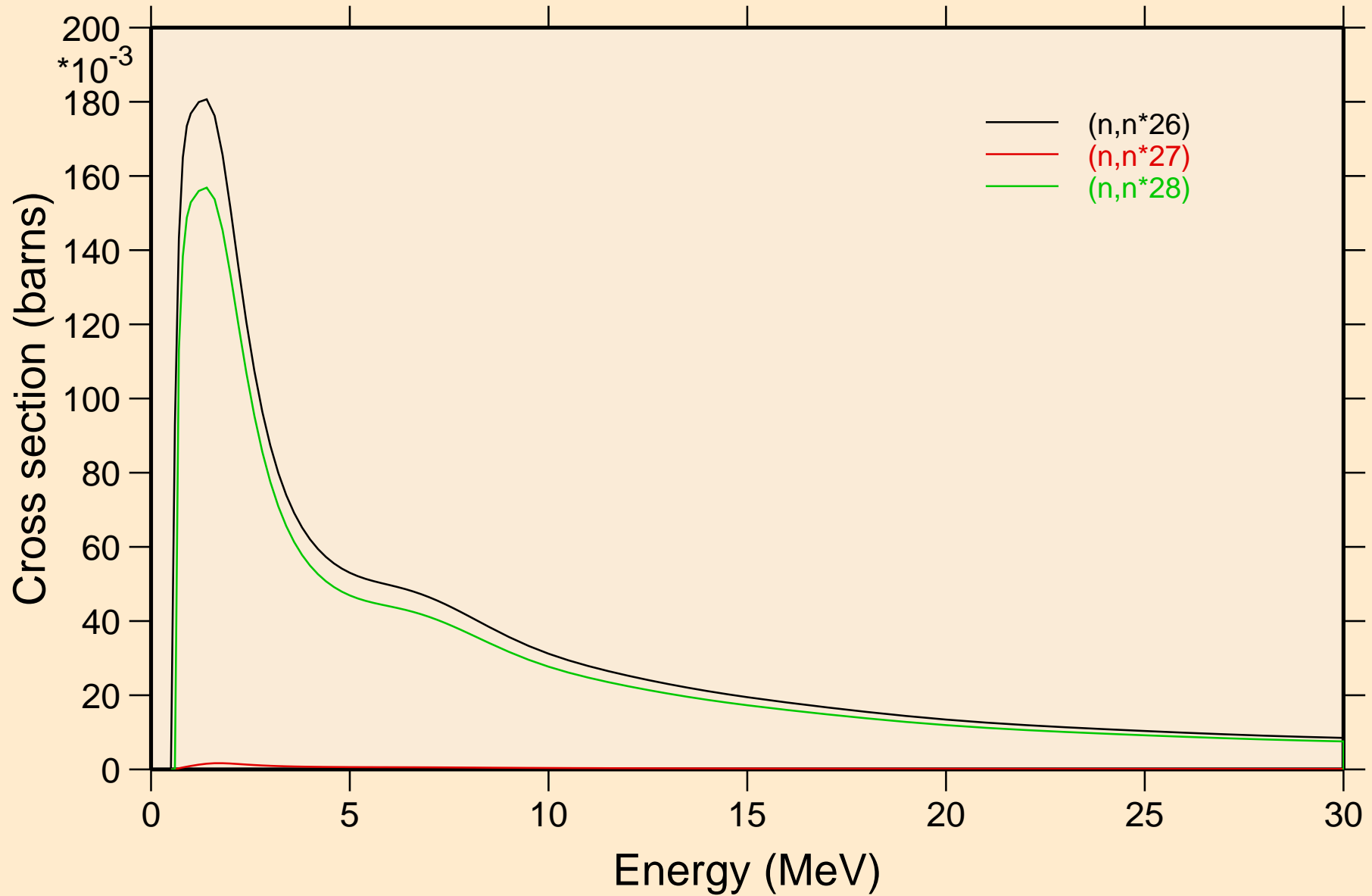


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



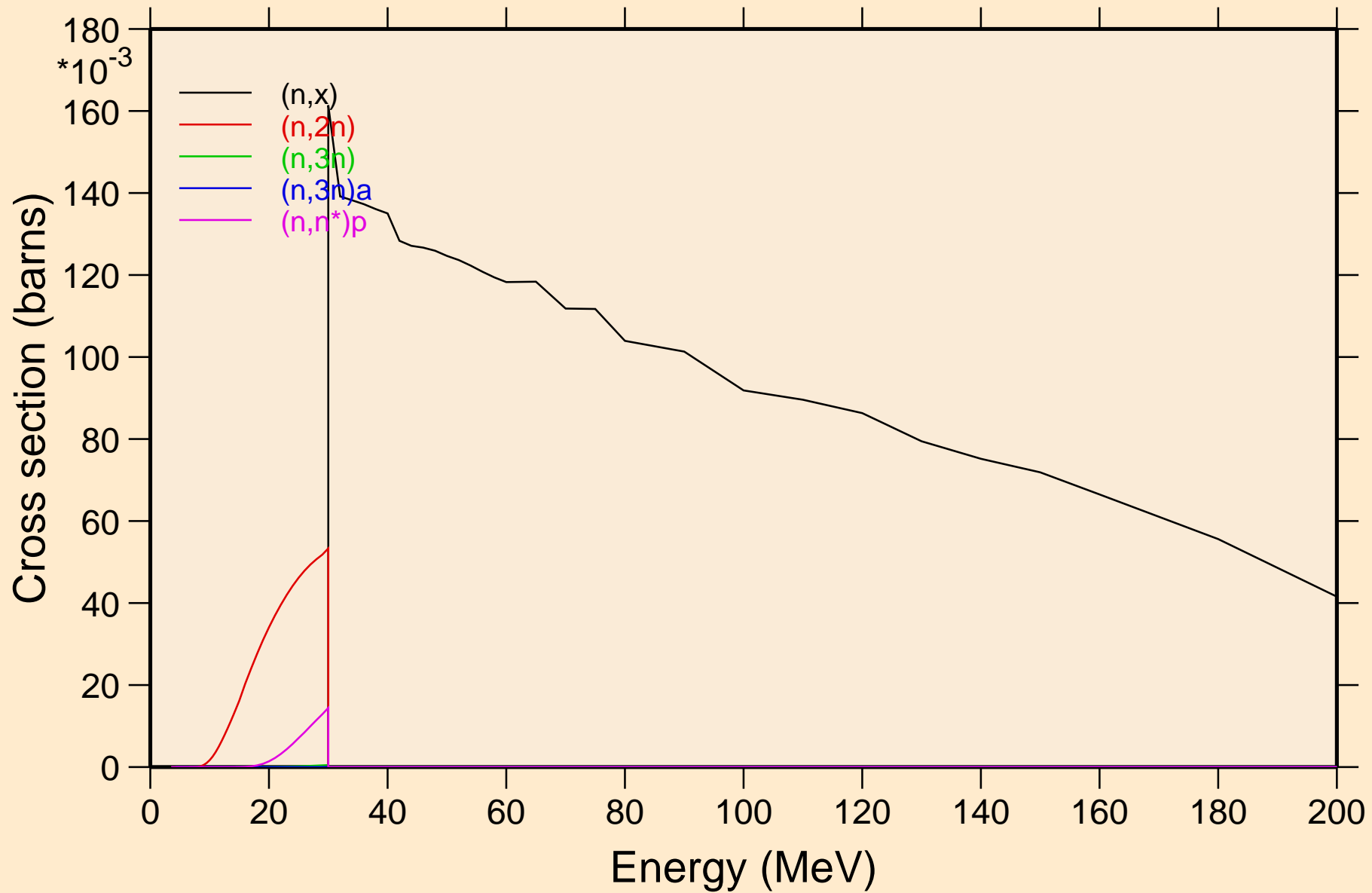
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



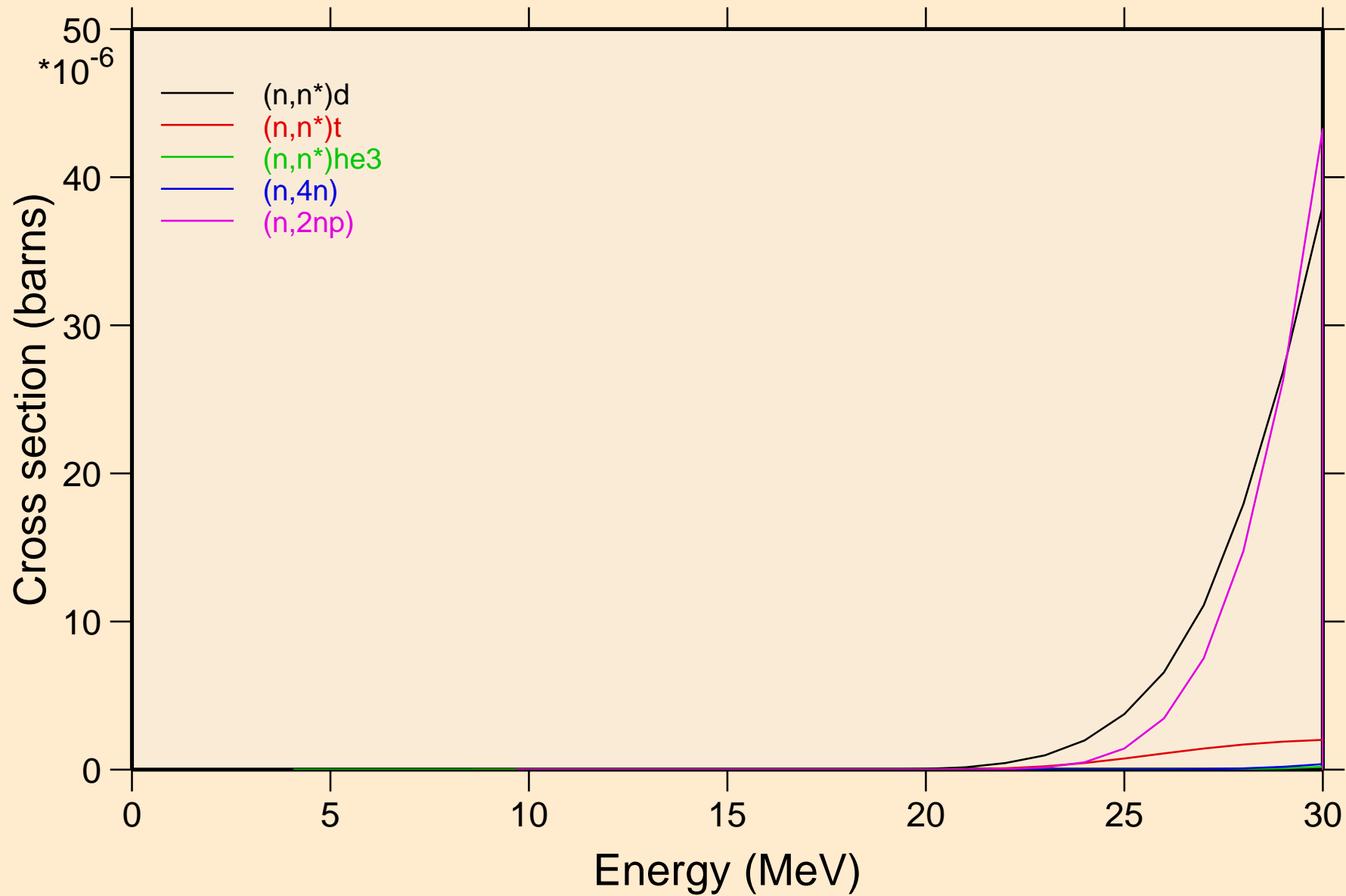
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



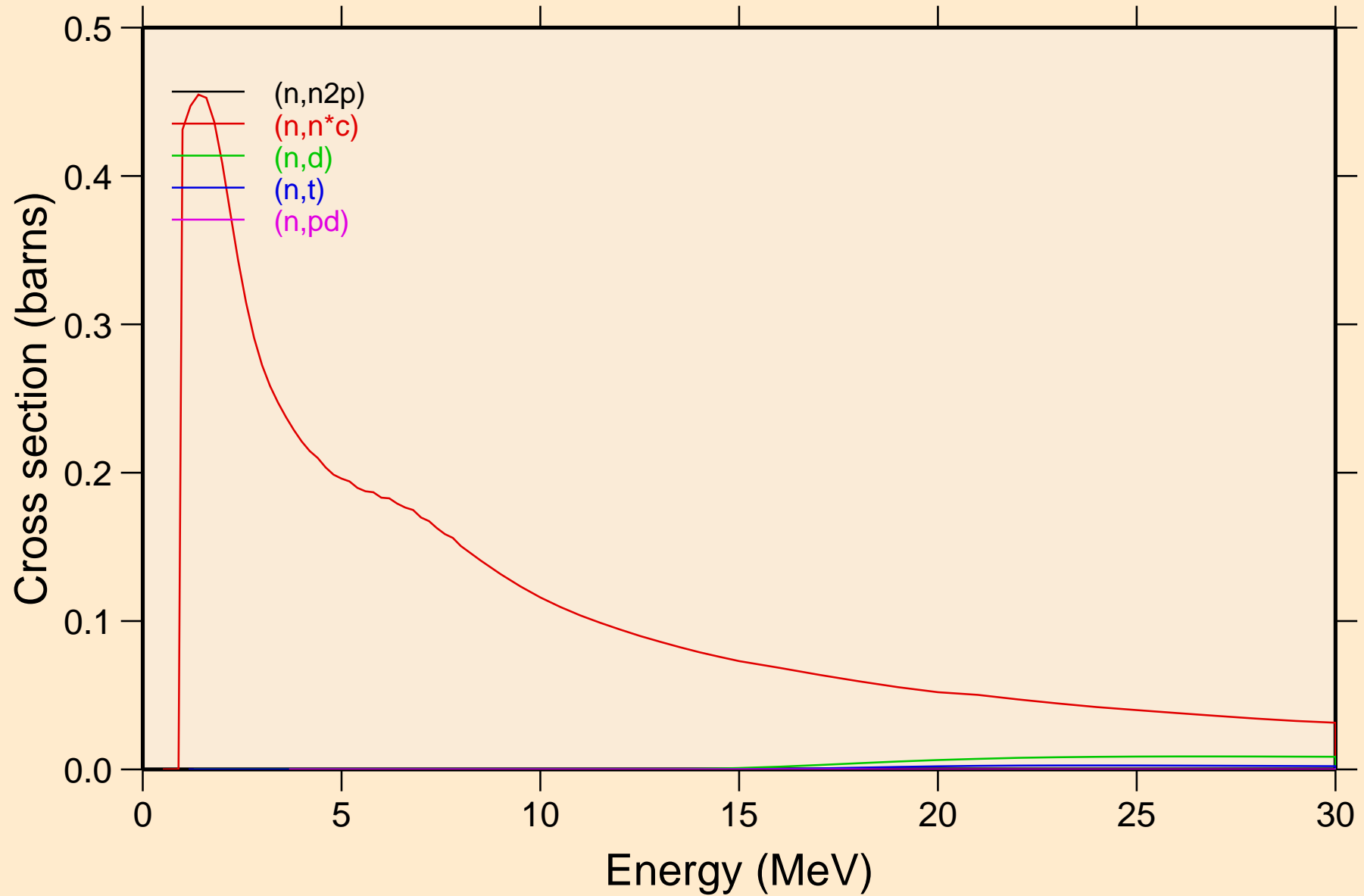
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



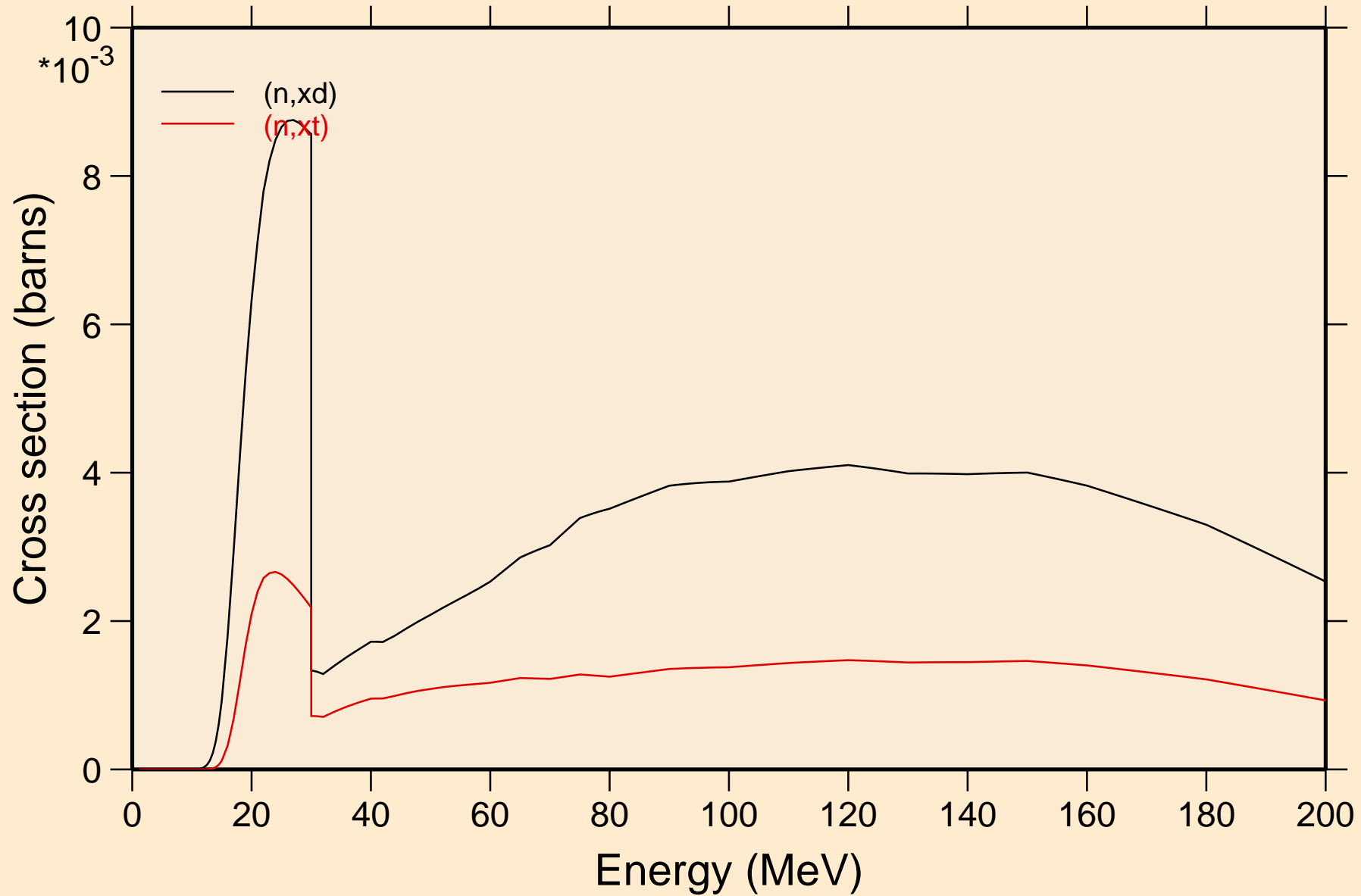
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

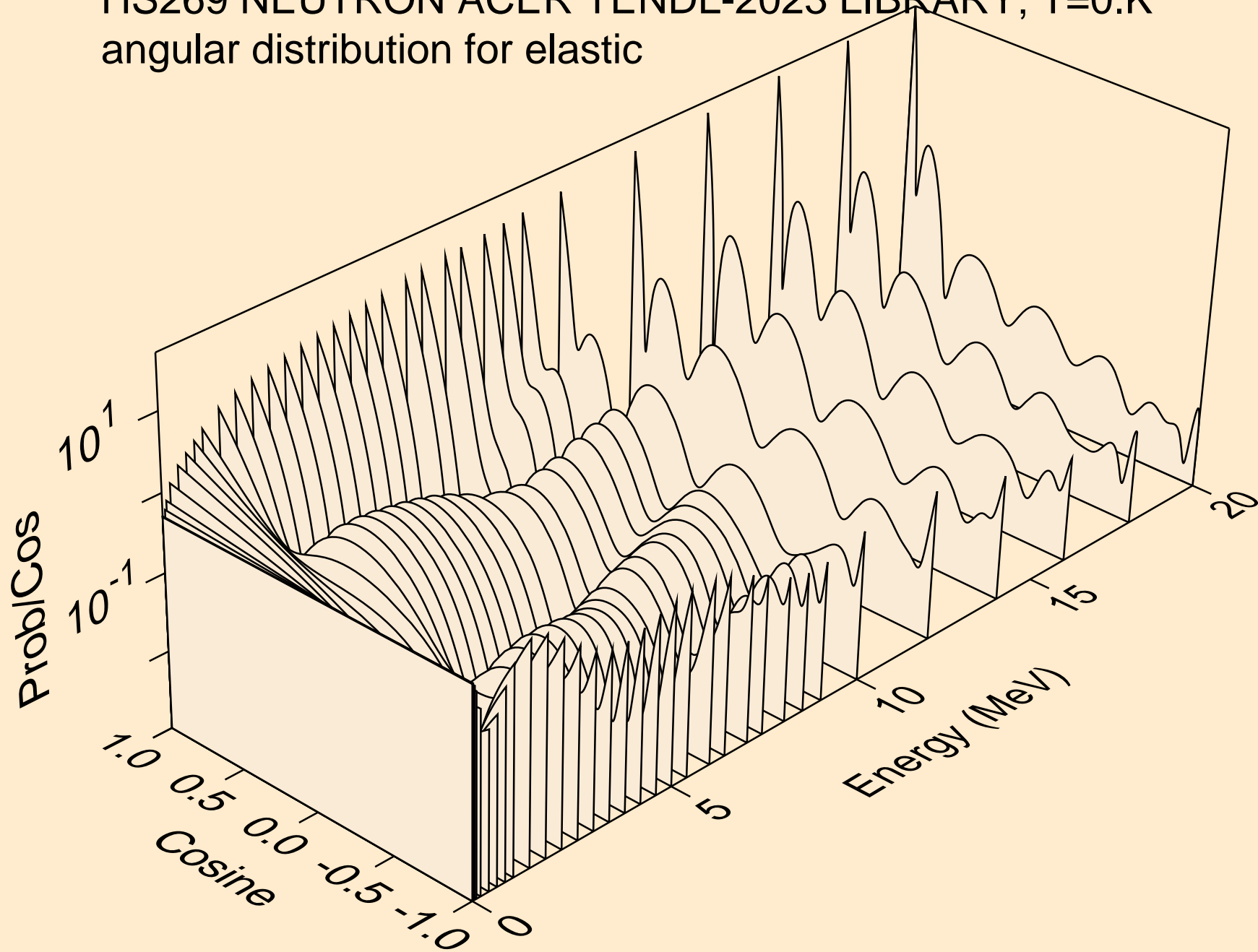


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

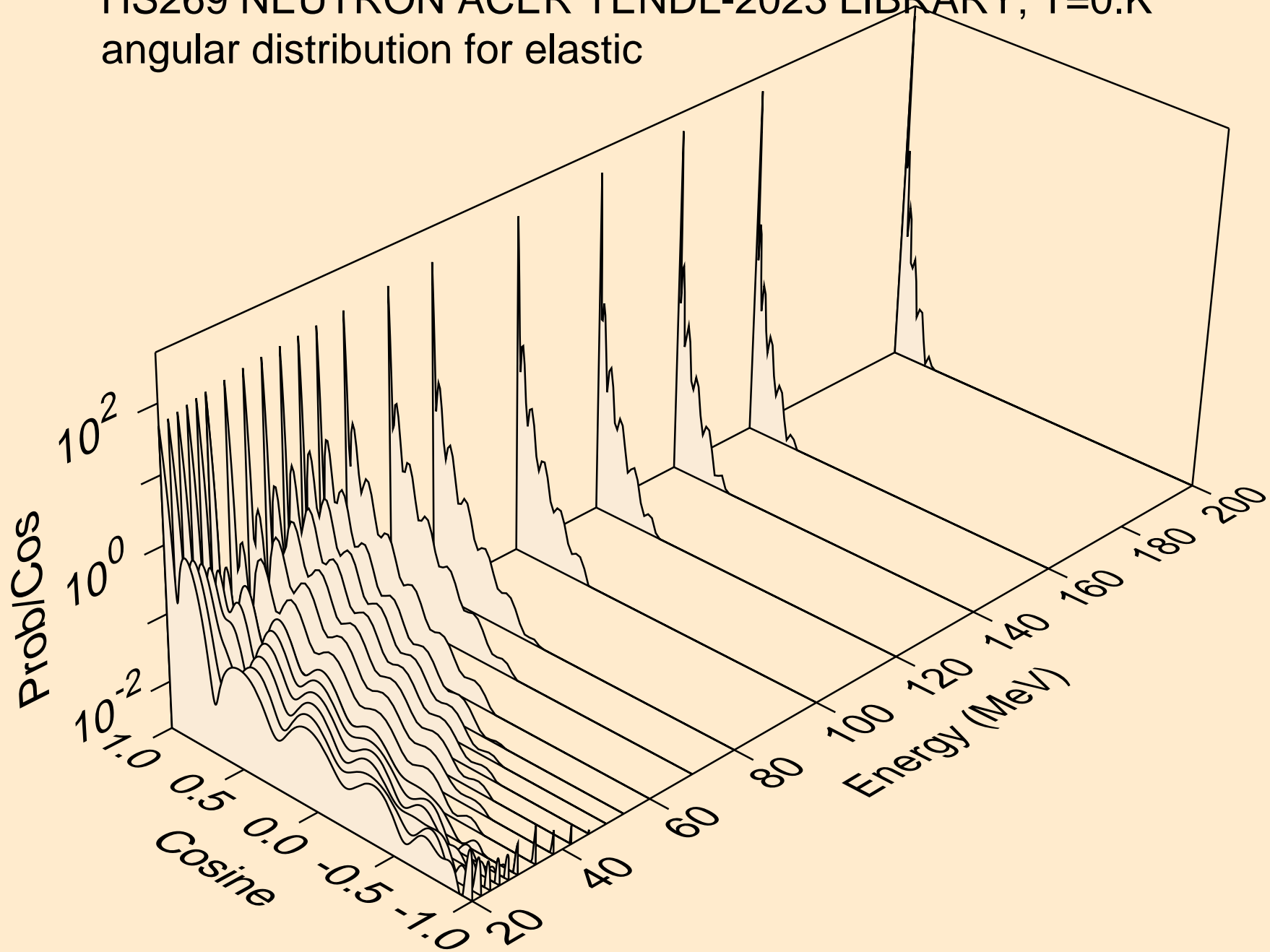
Threshold reactions



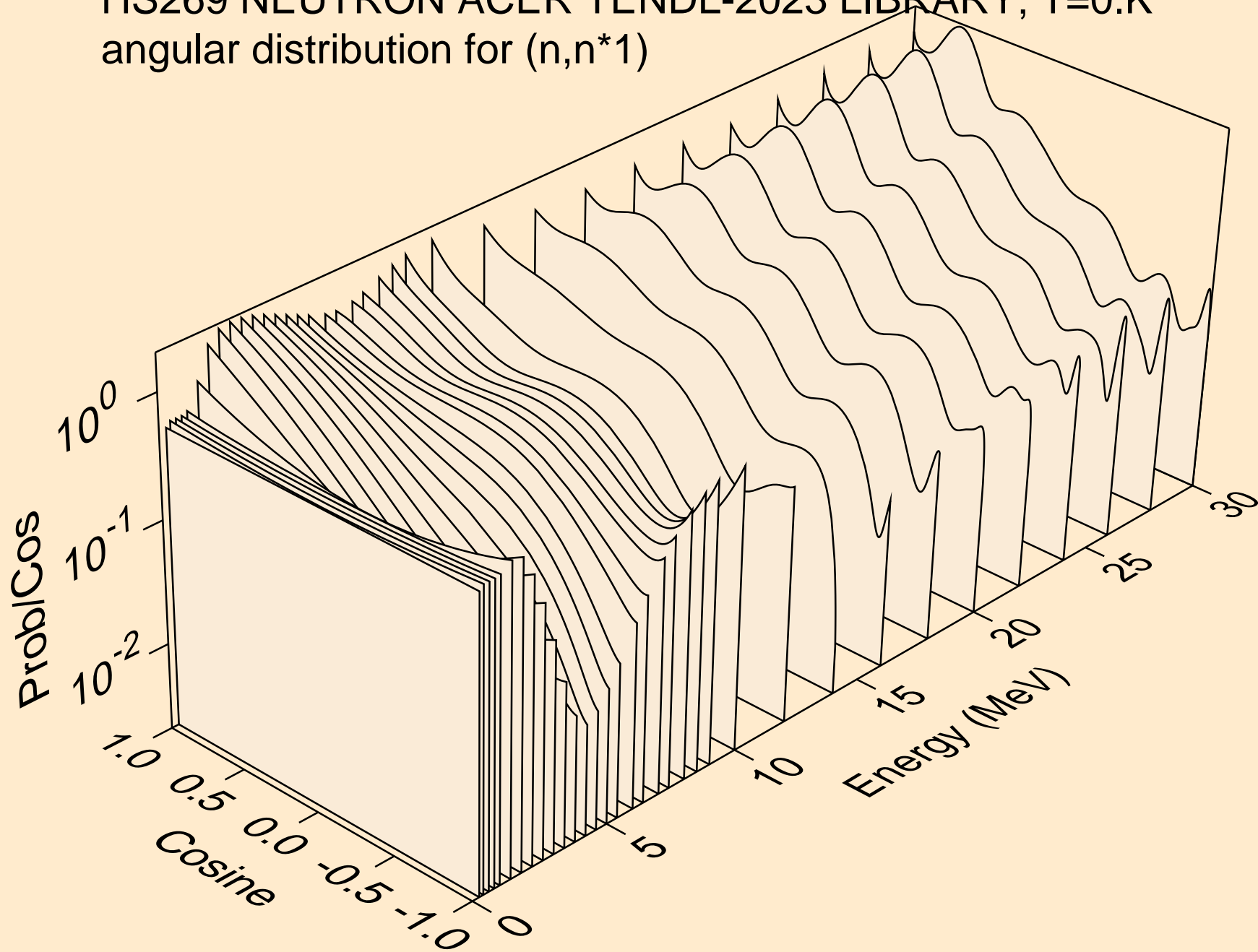
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



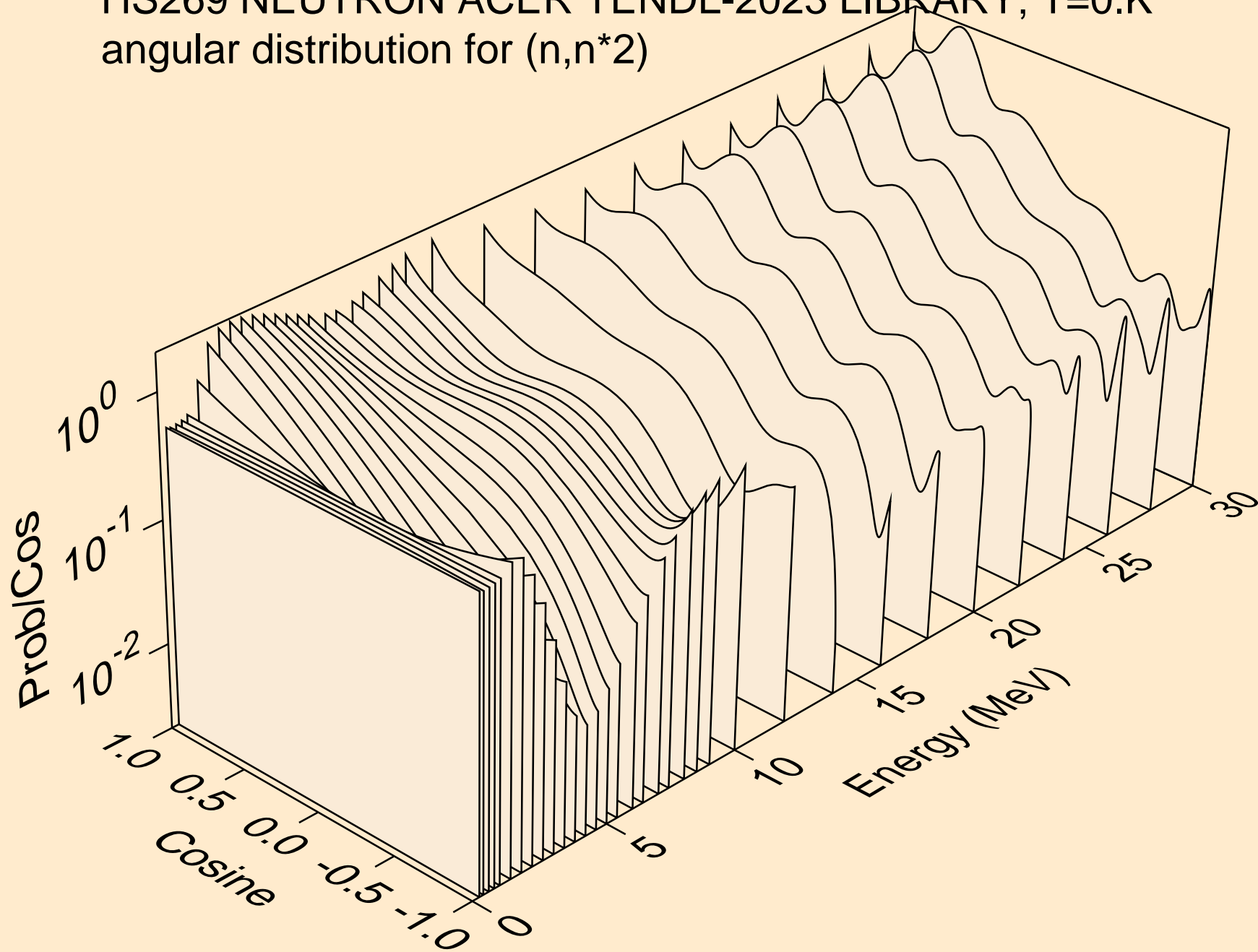
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



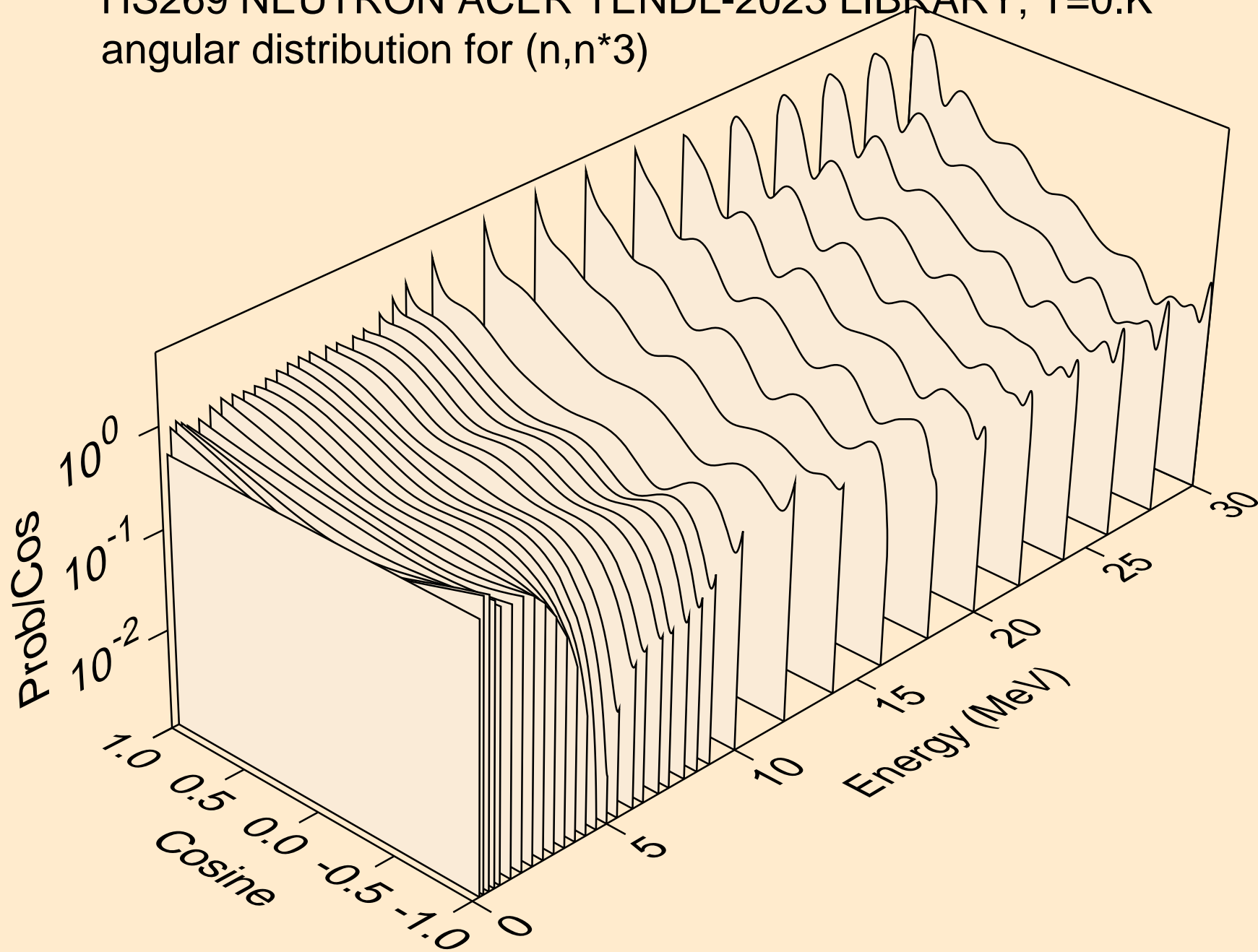
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



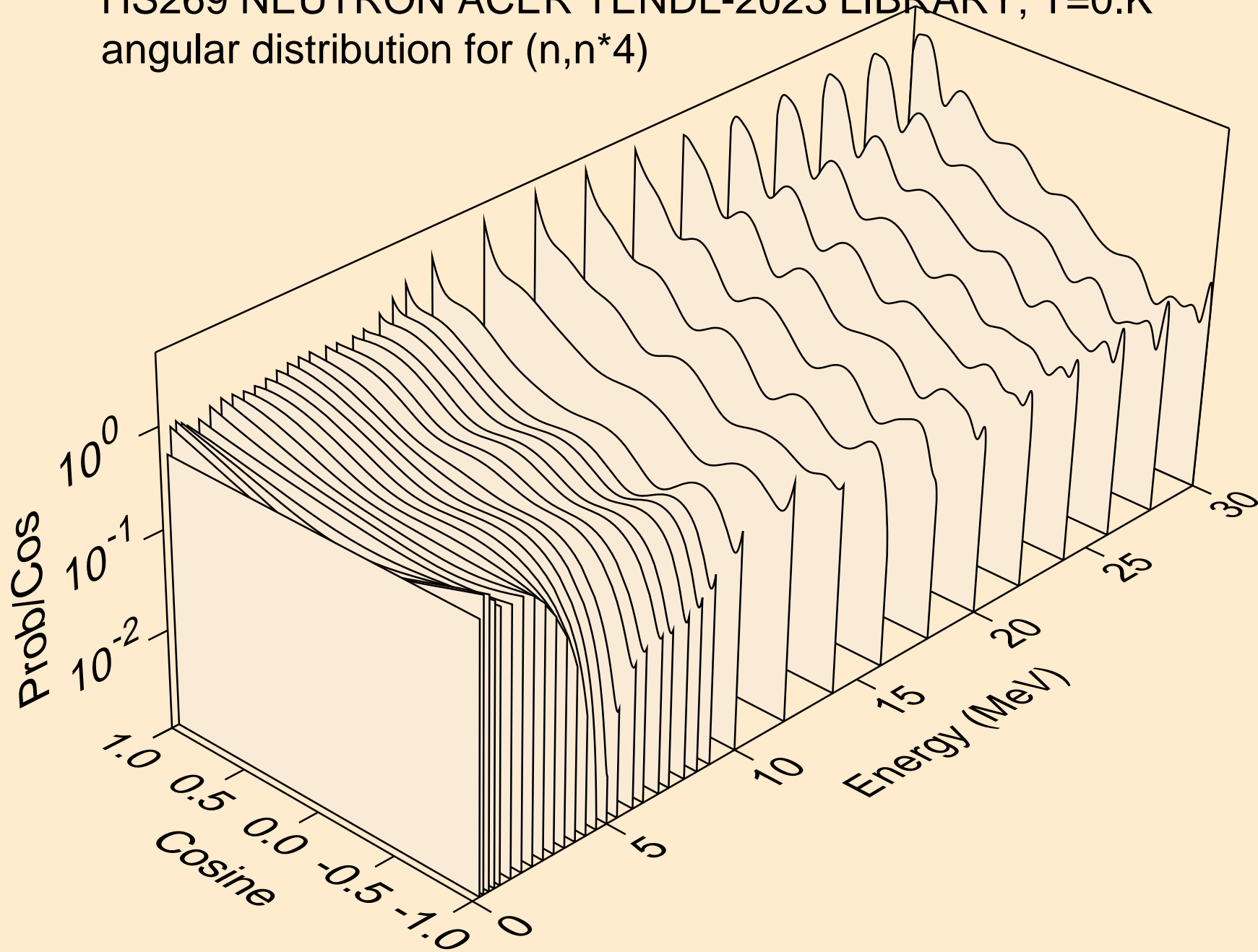
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



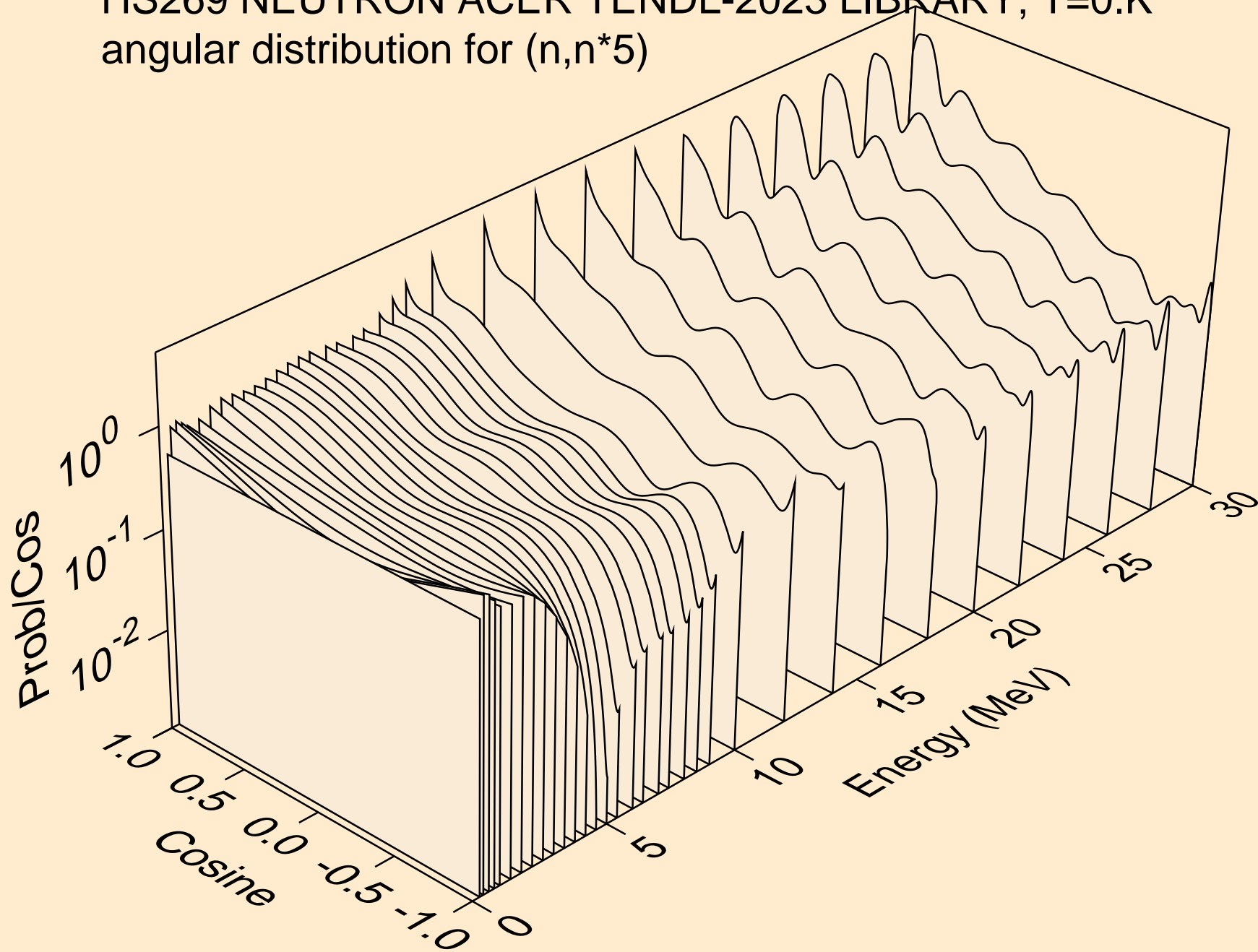
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



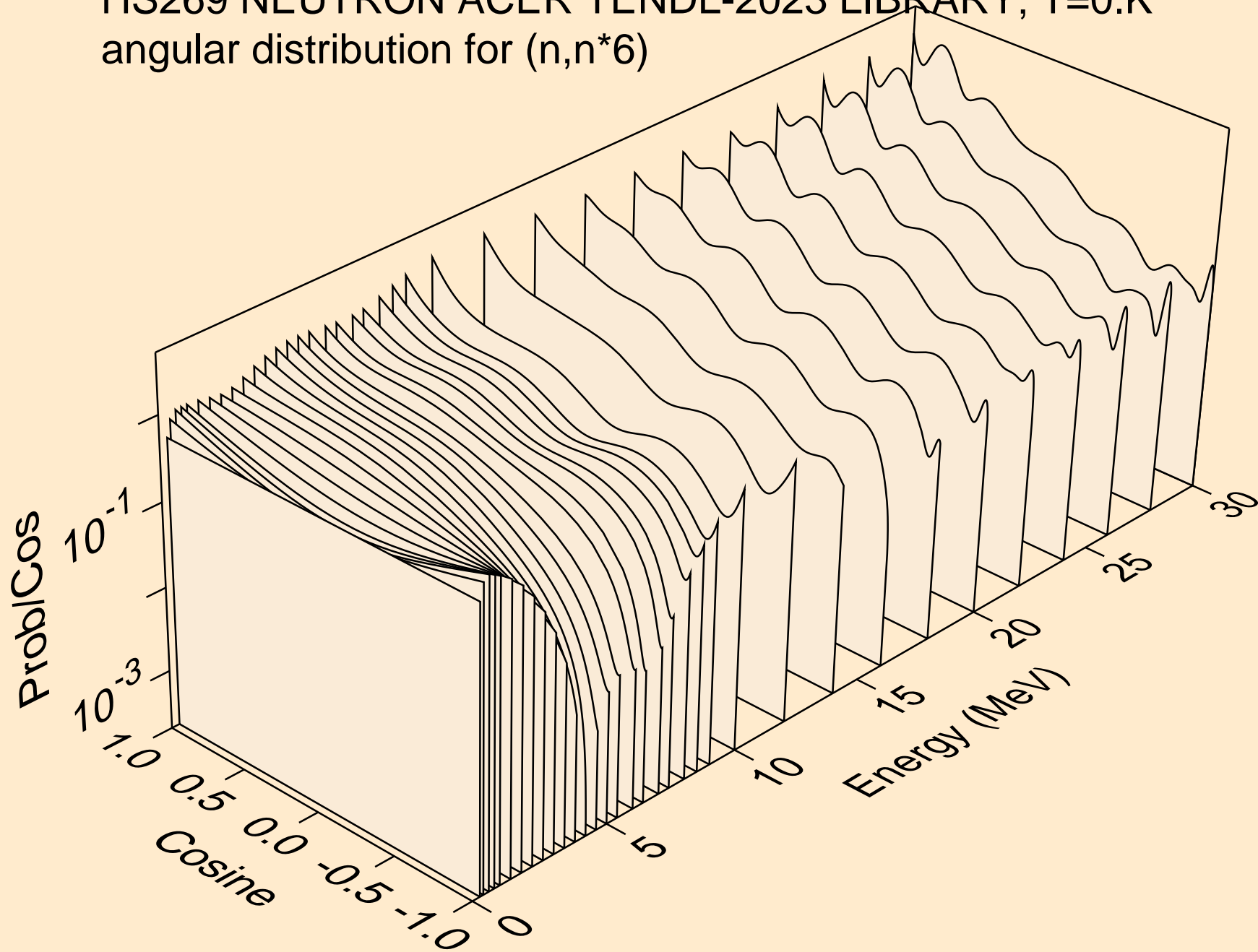
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



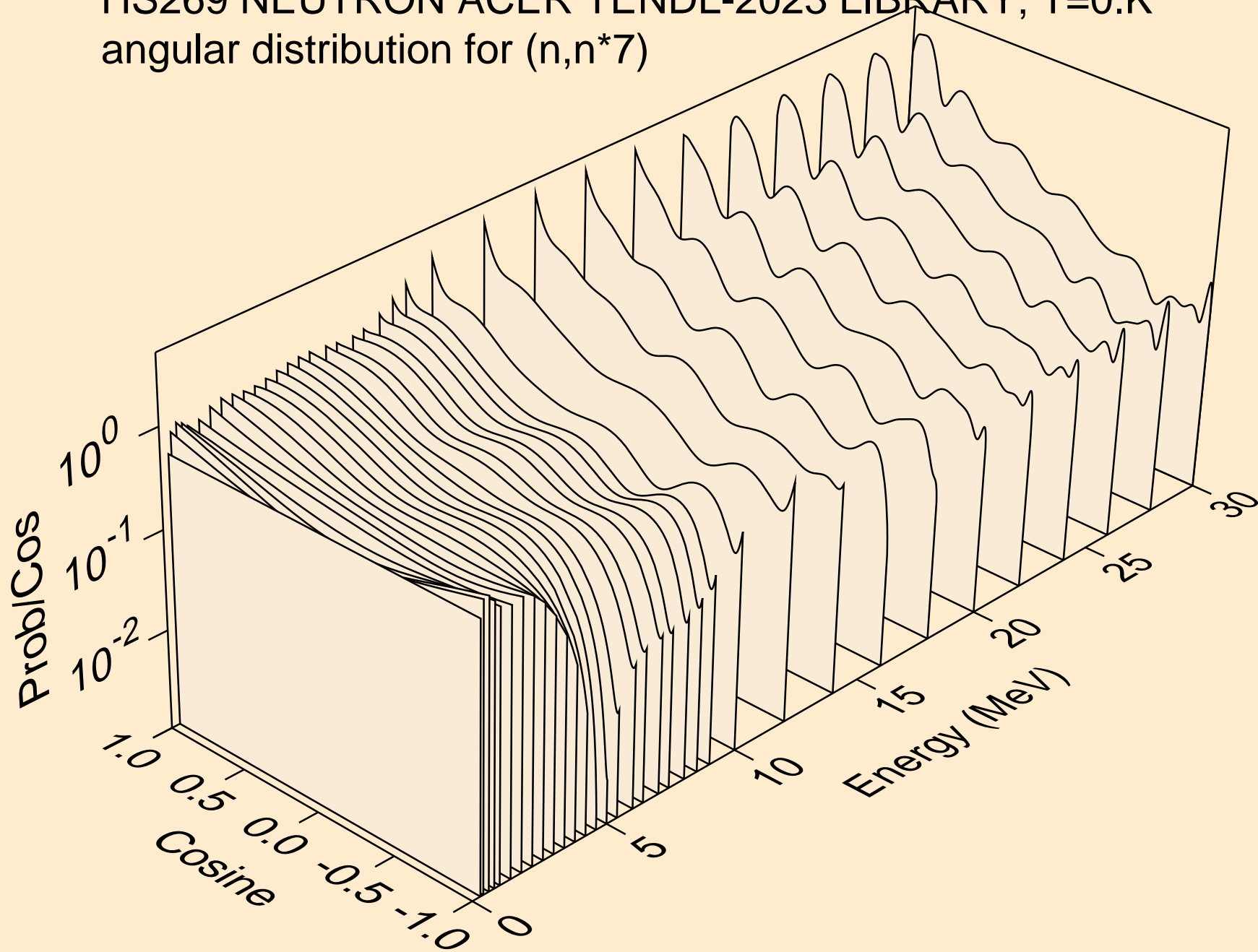
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



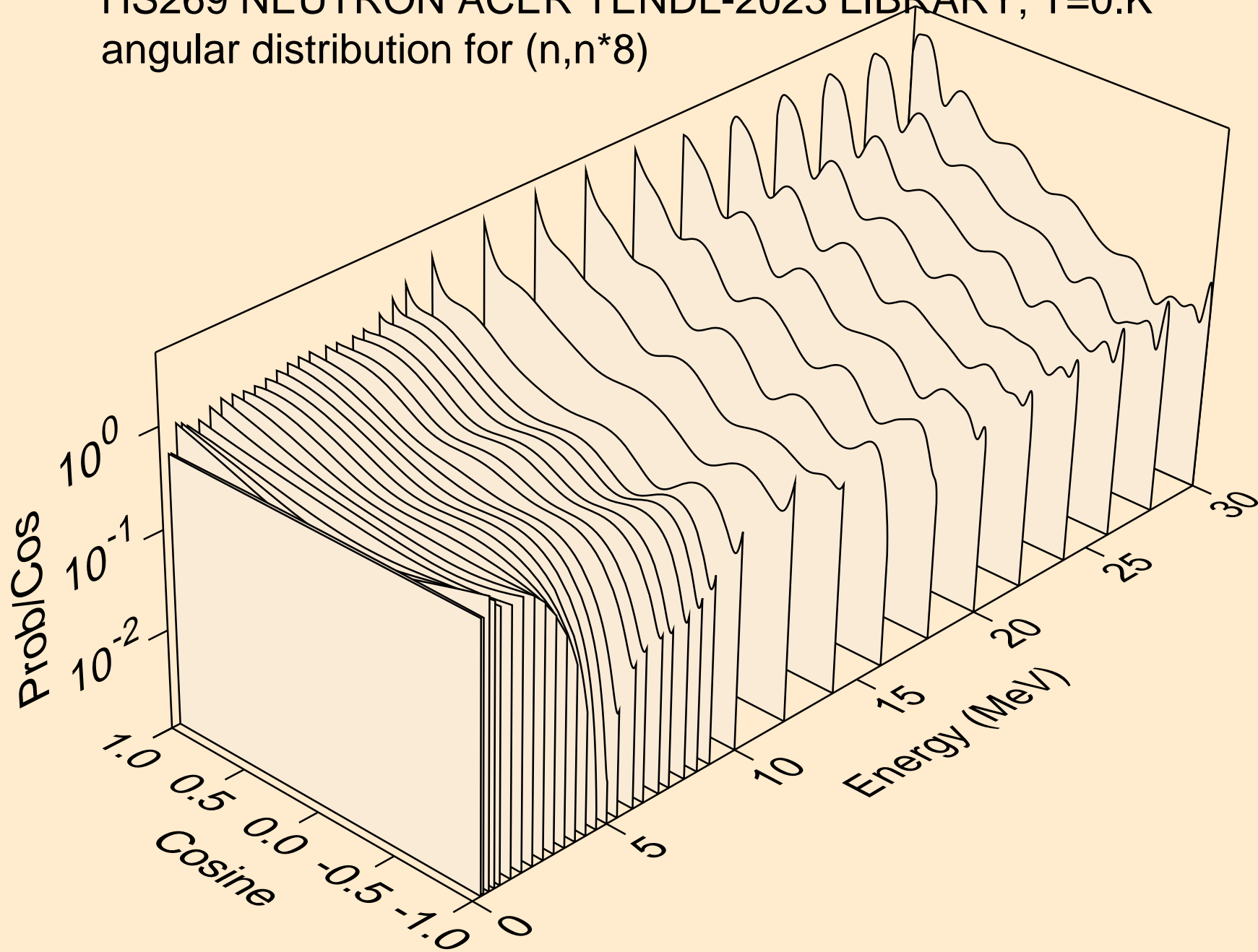
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



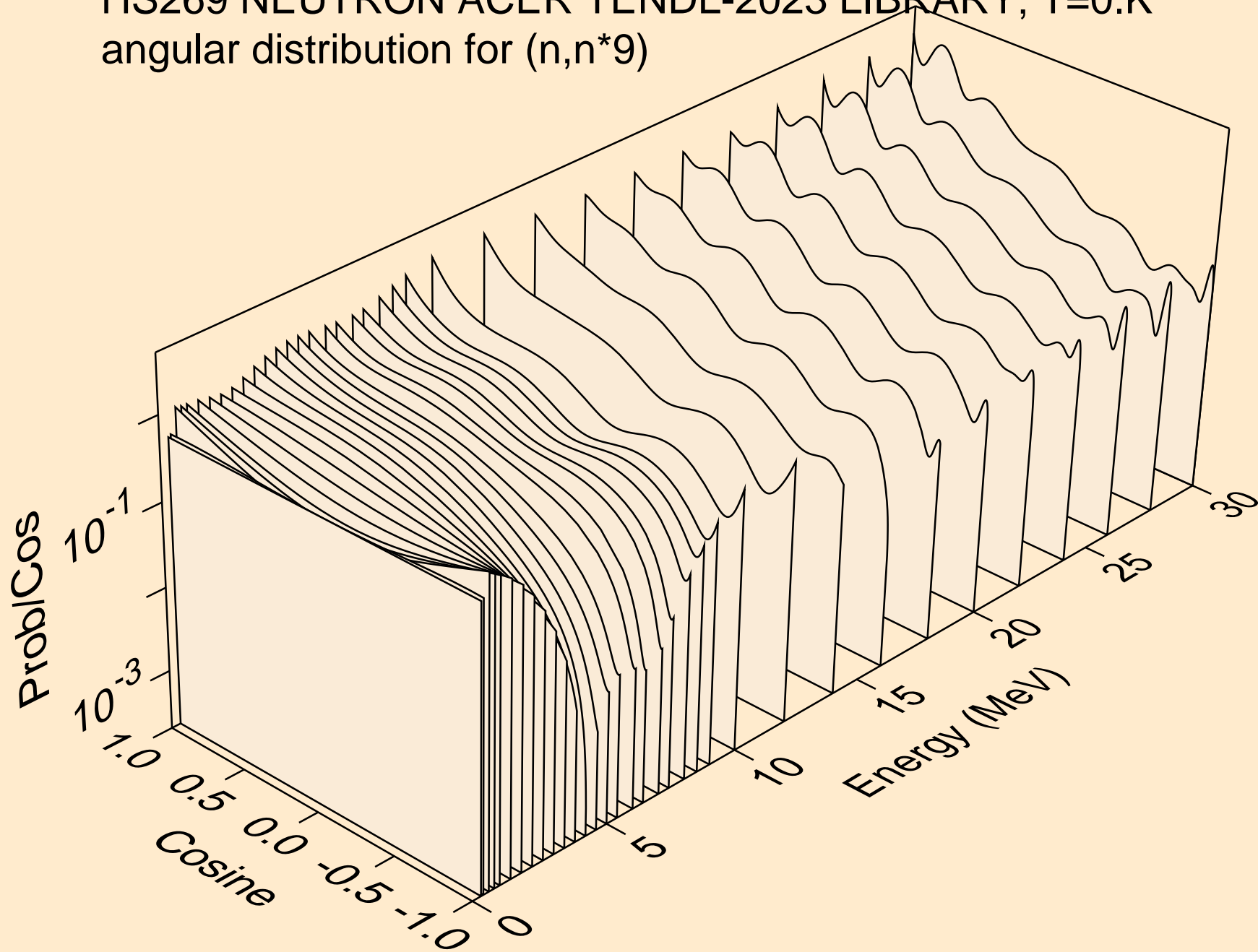
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



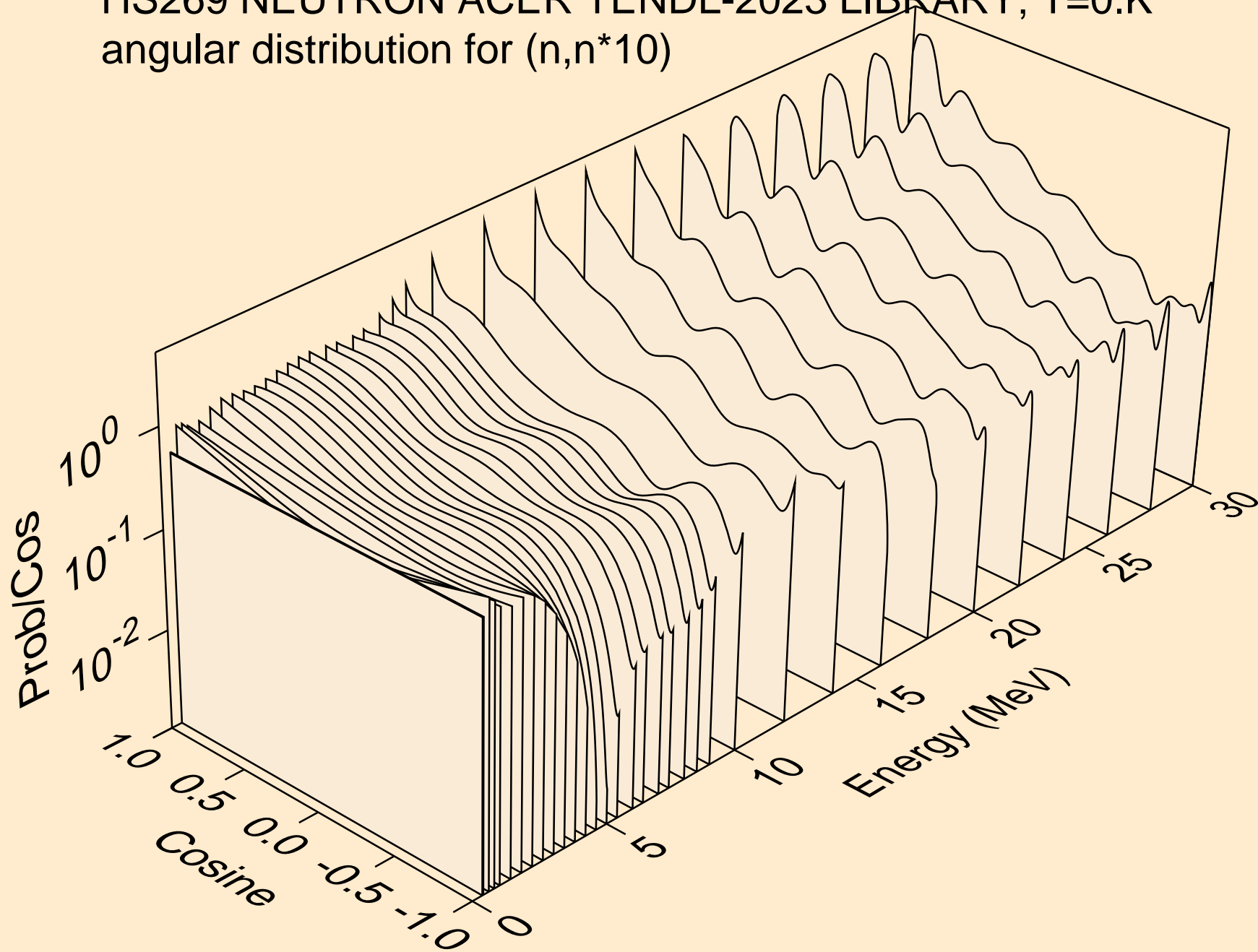
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



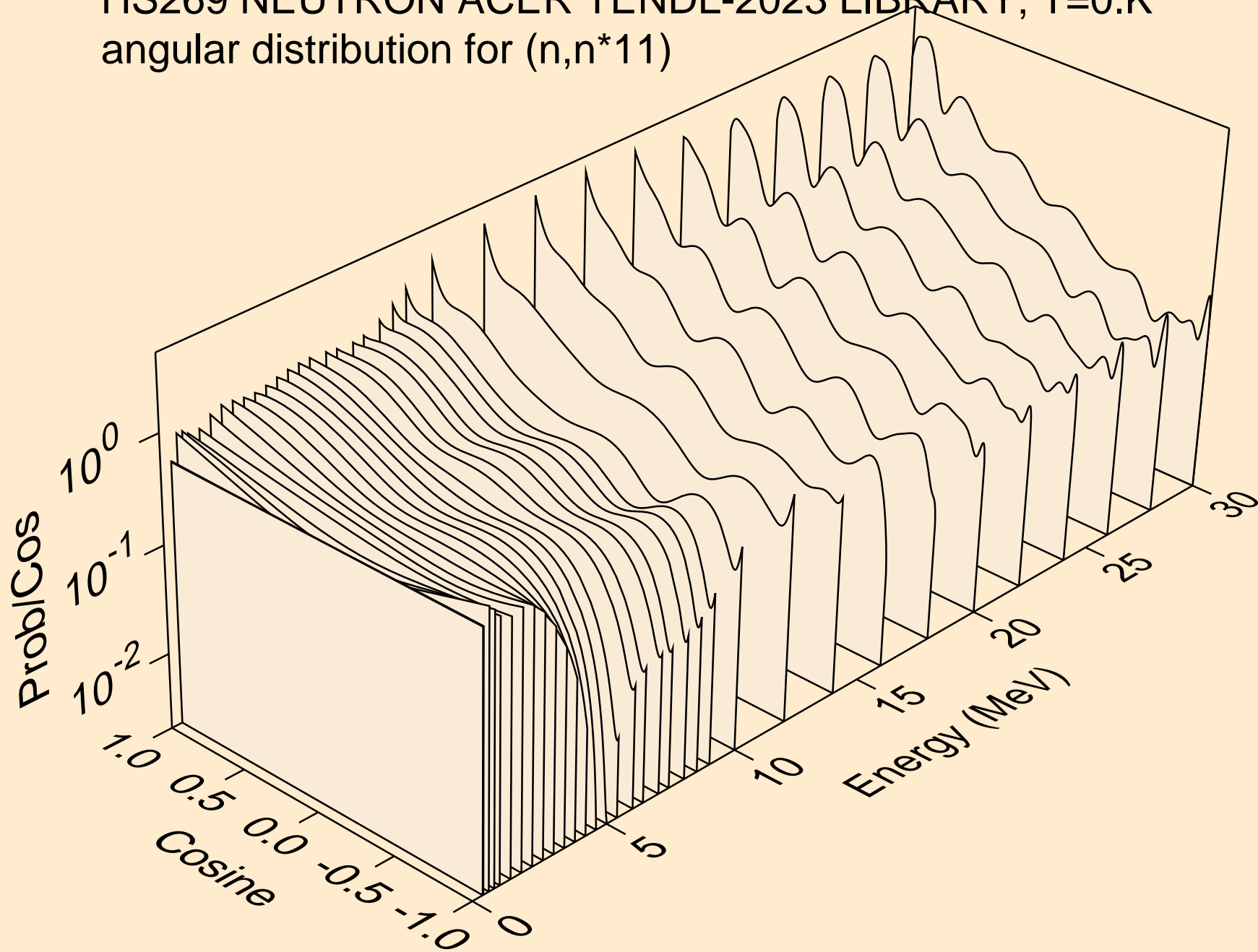
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



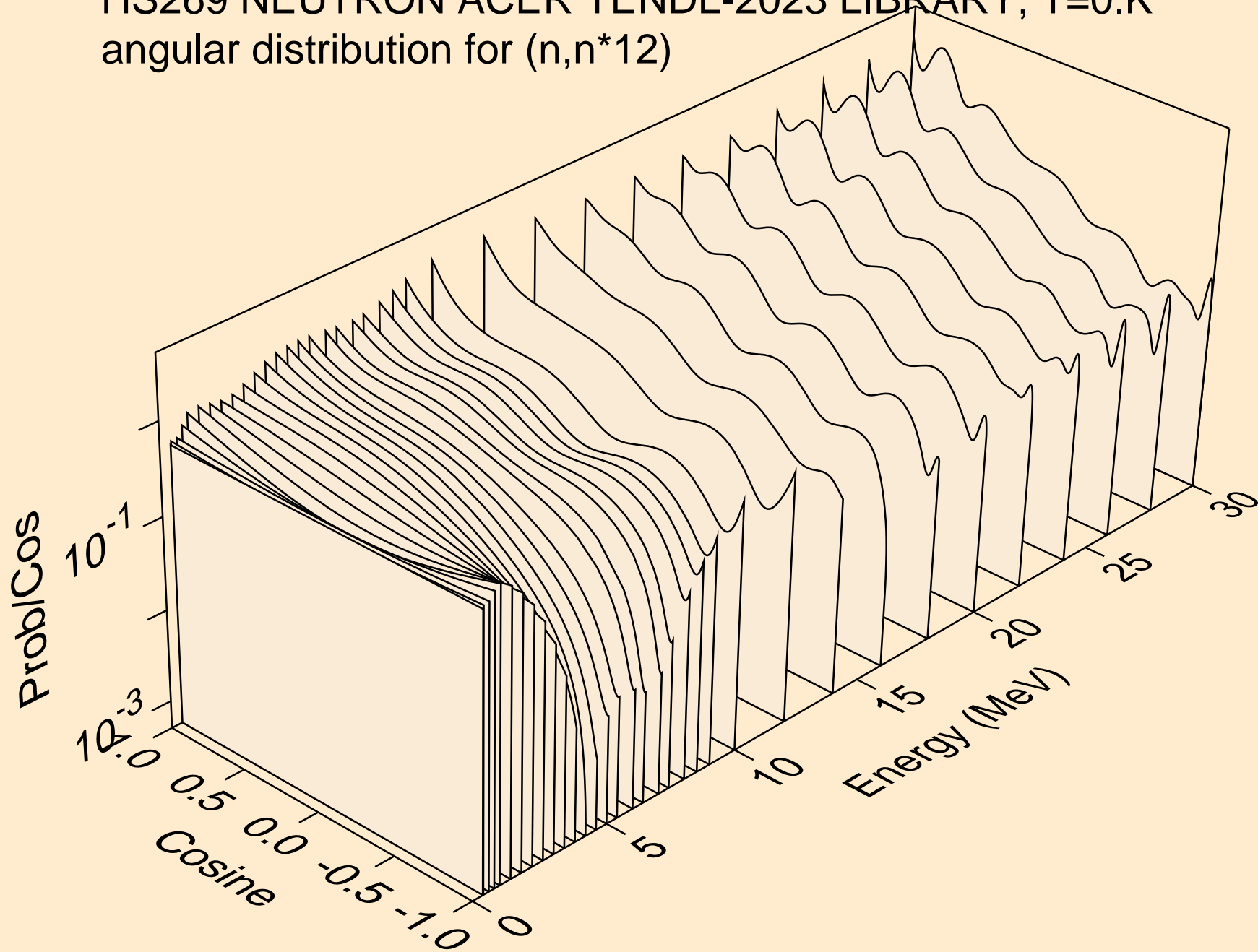
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



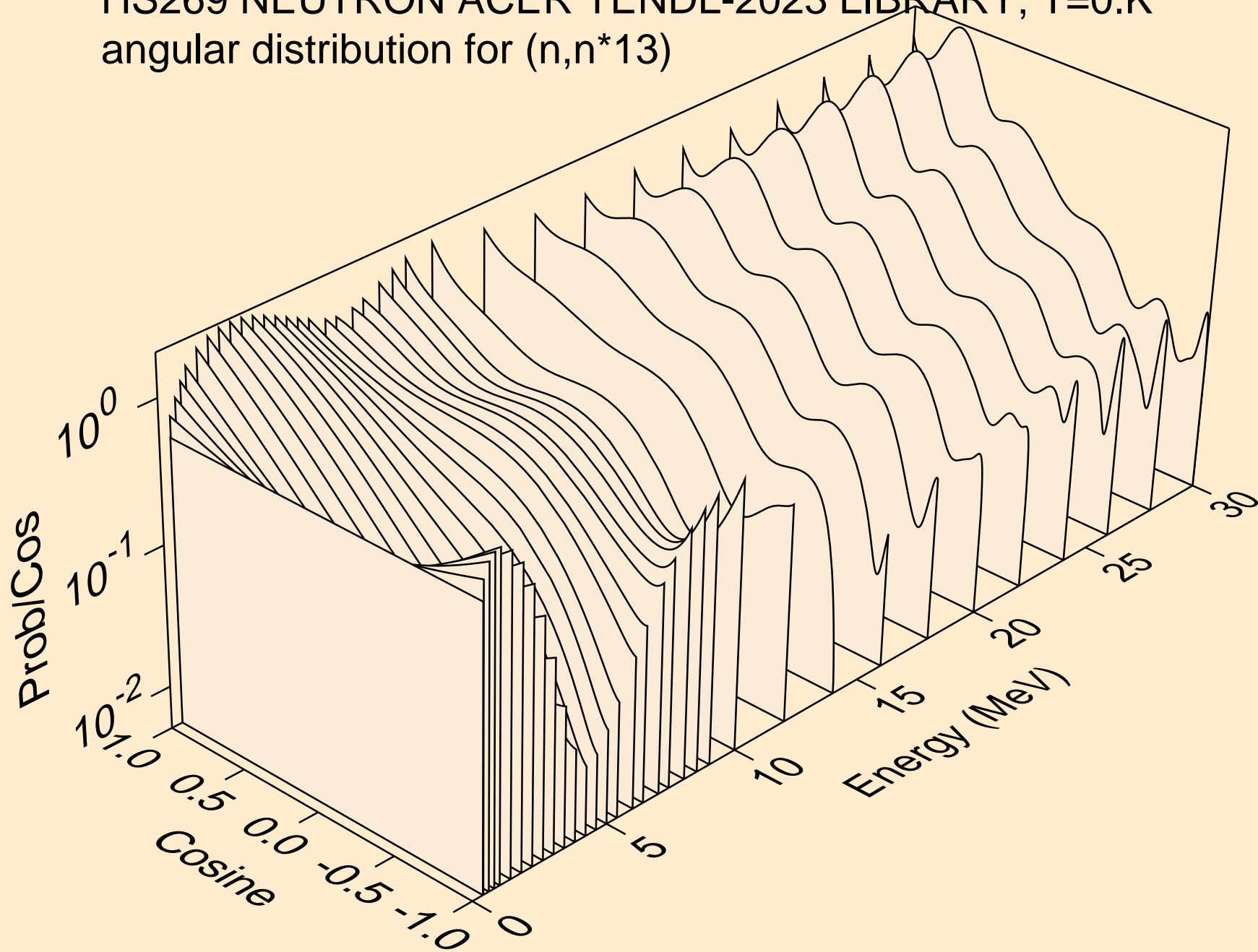
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



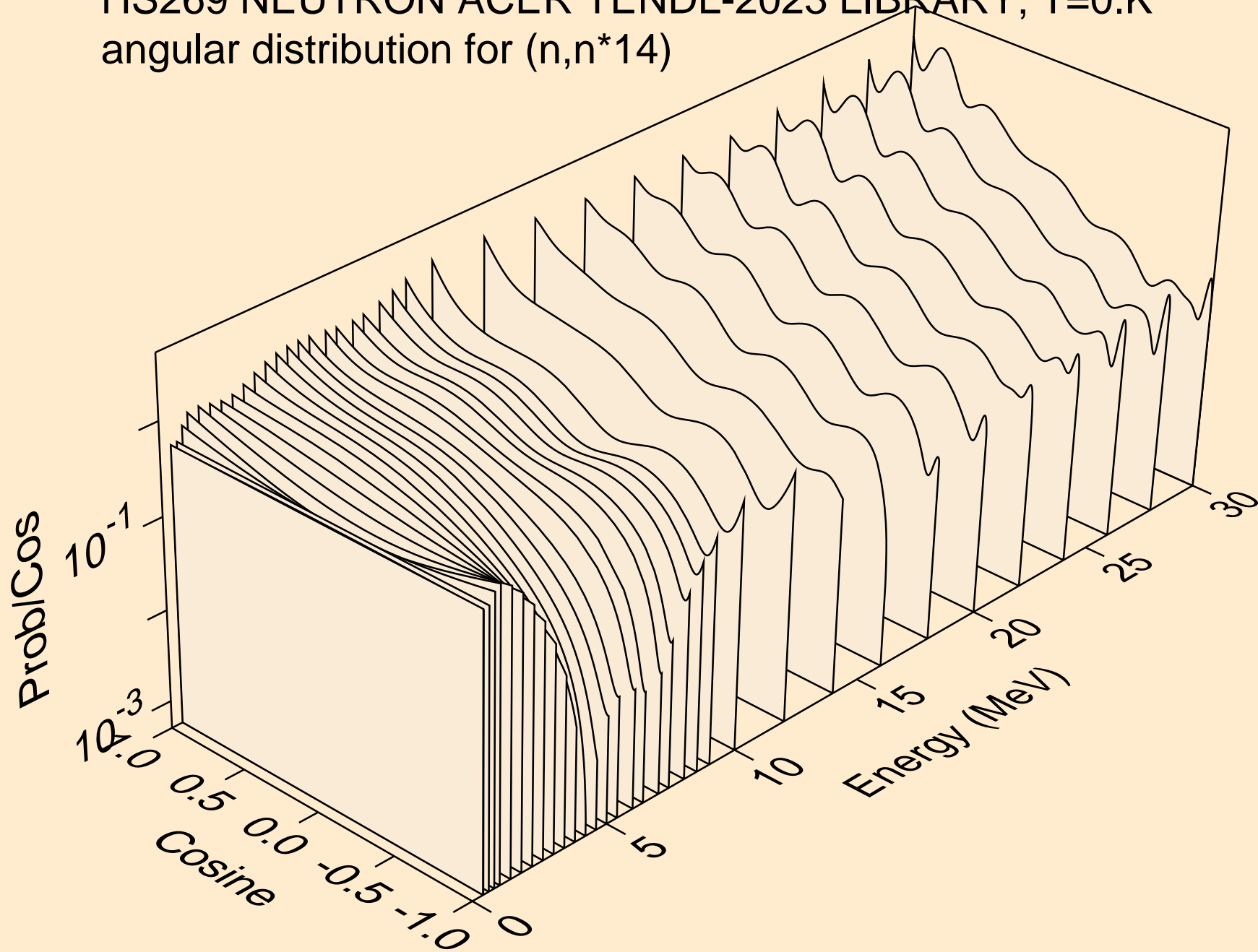
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



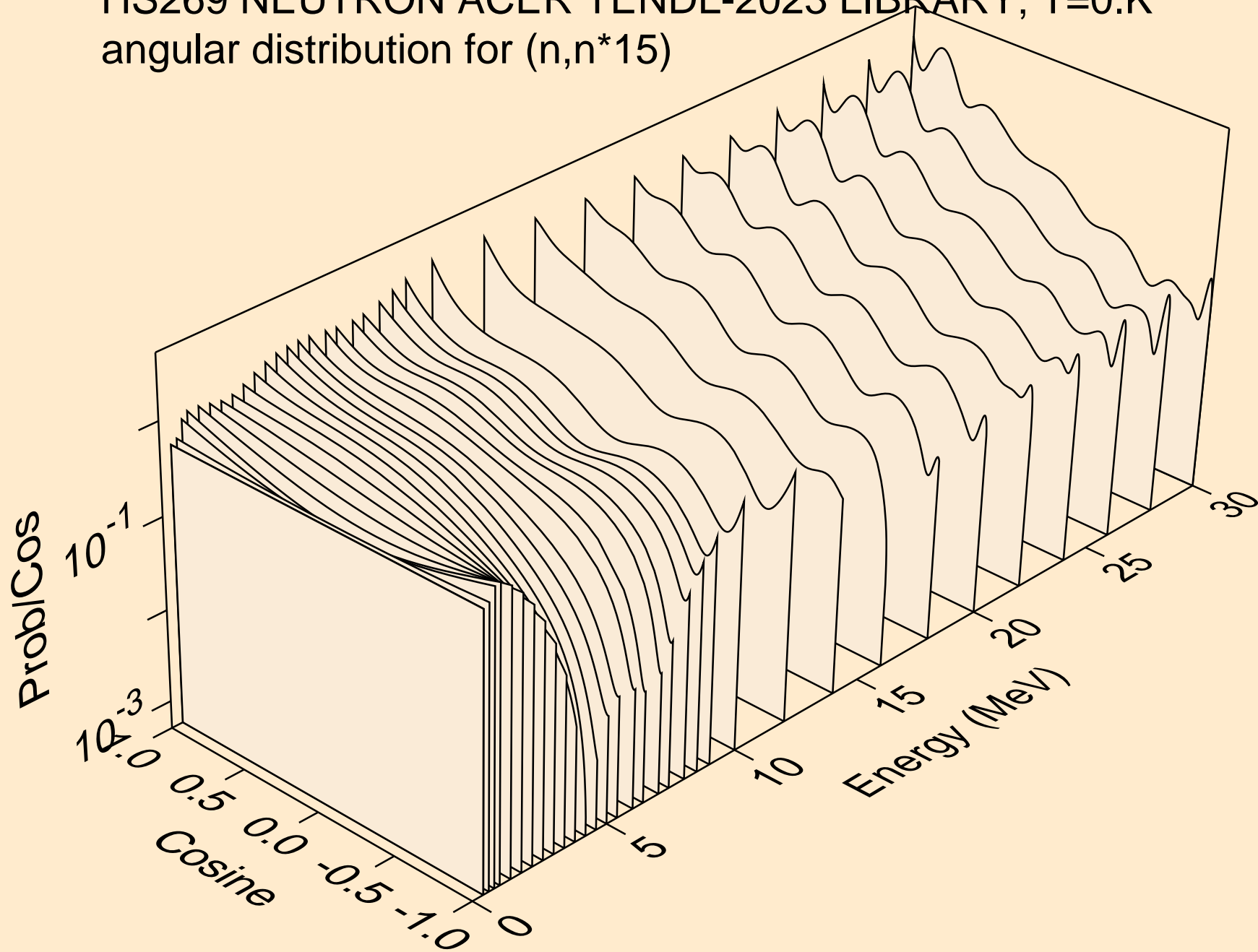
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



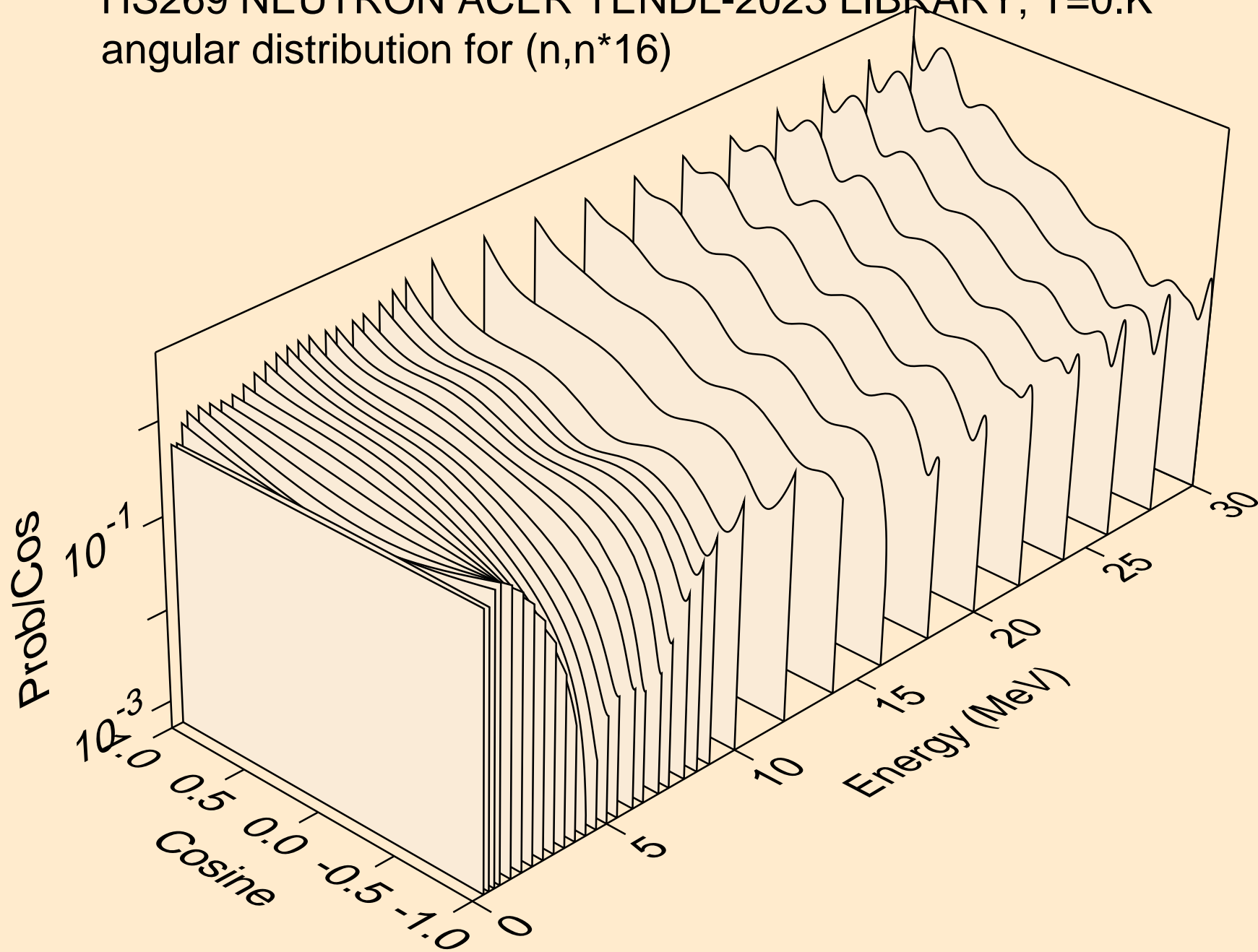
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



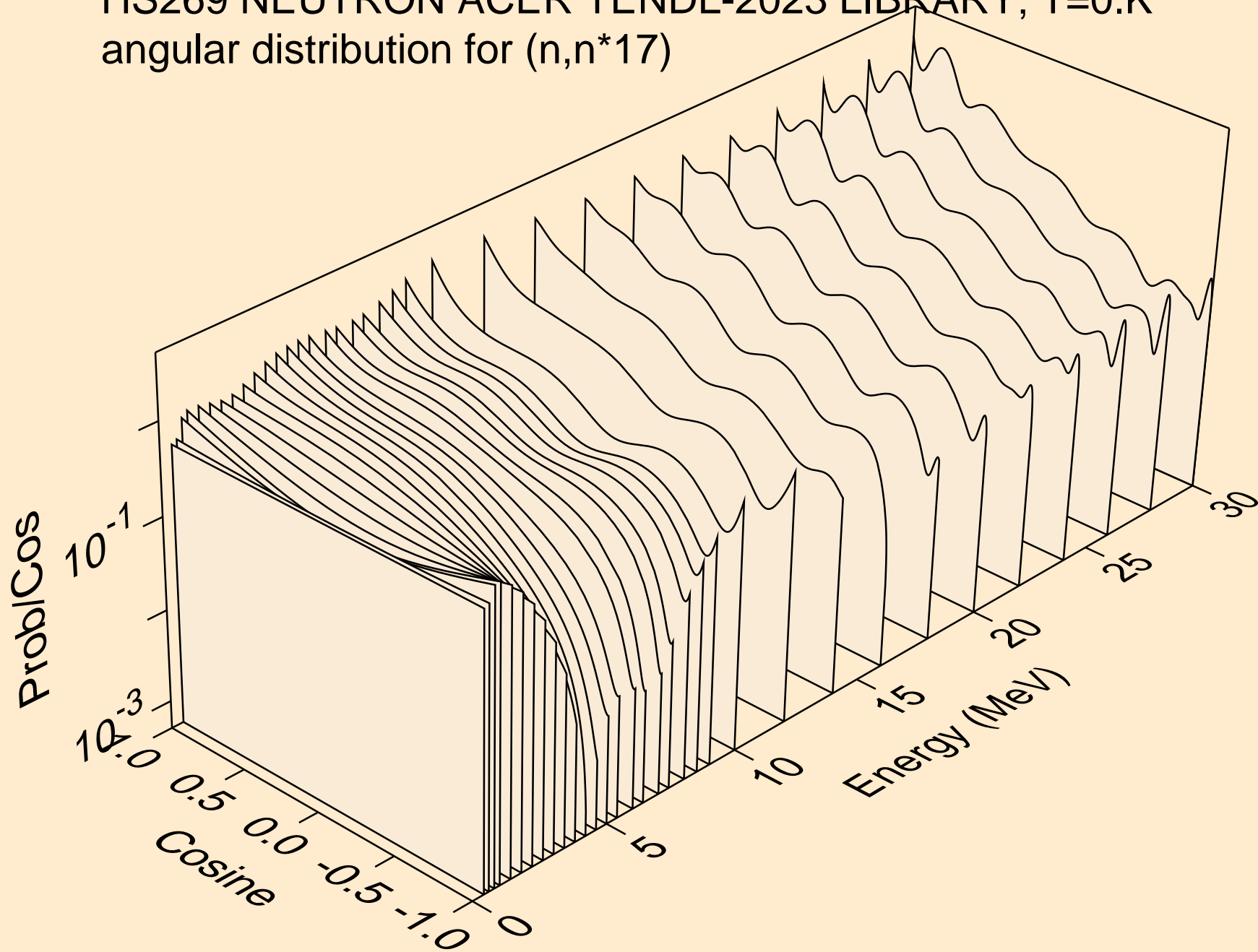
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



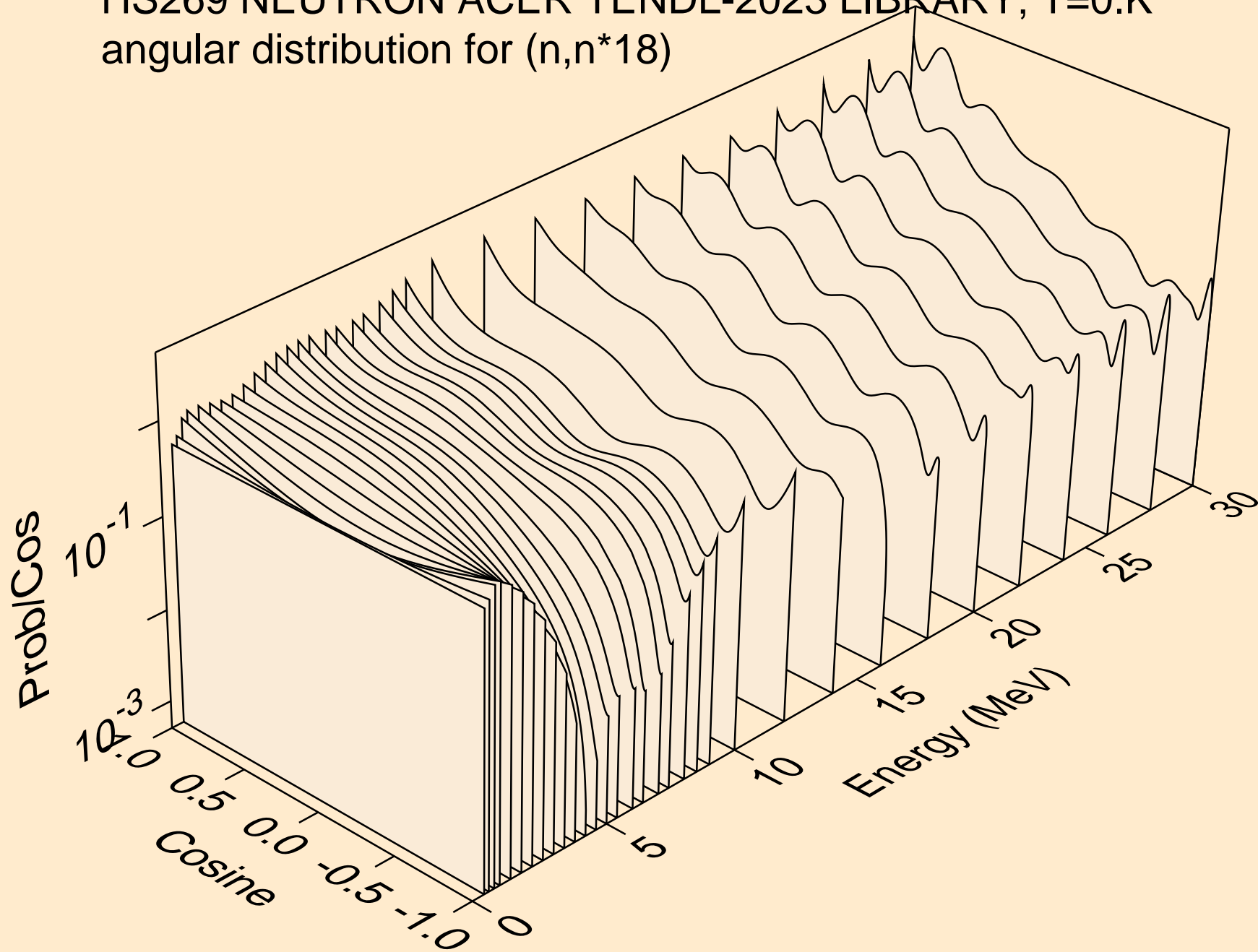
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



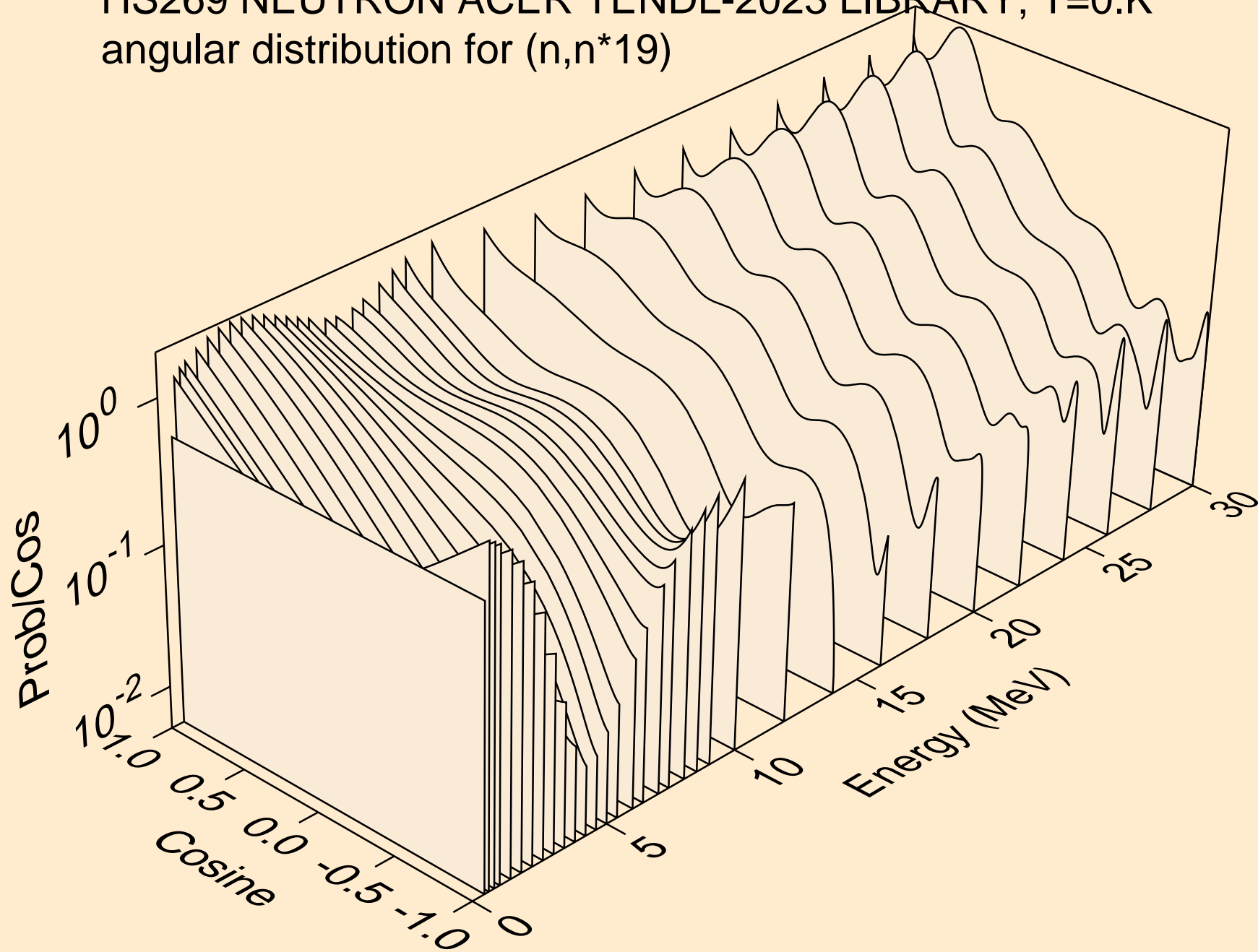
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



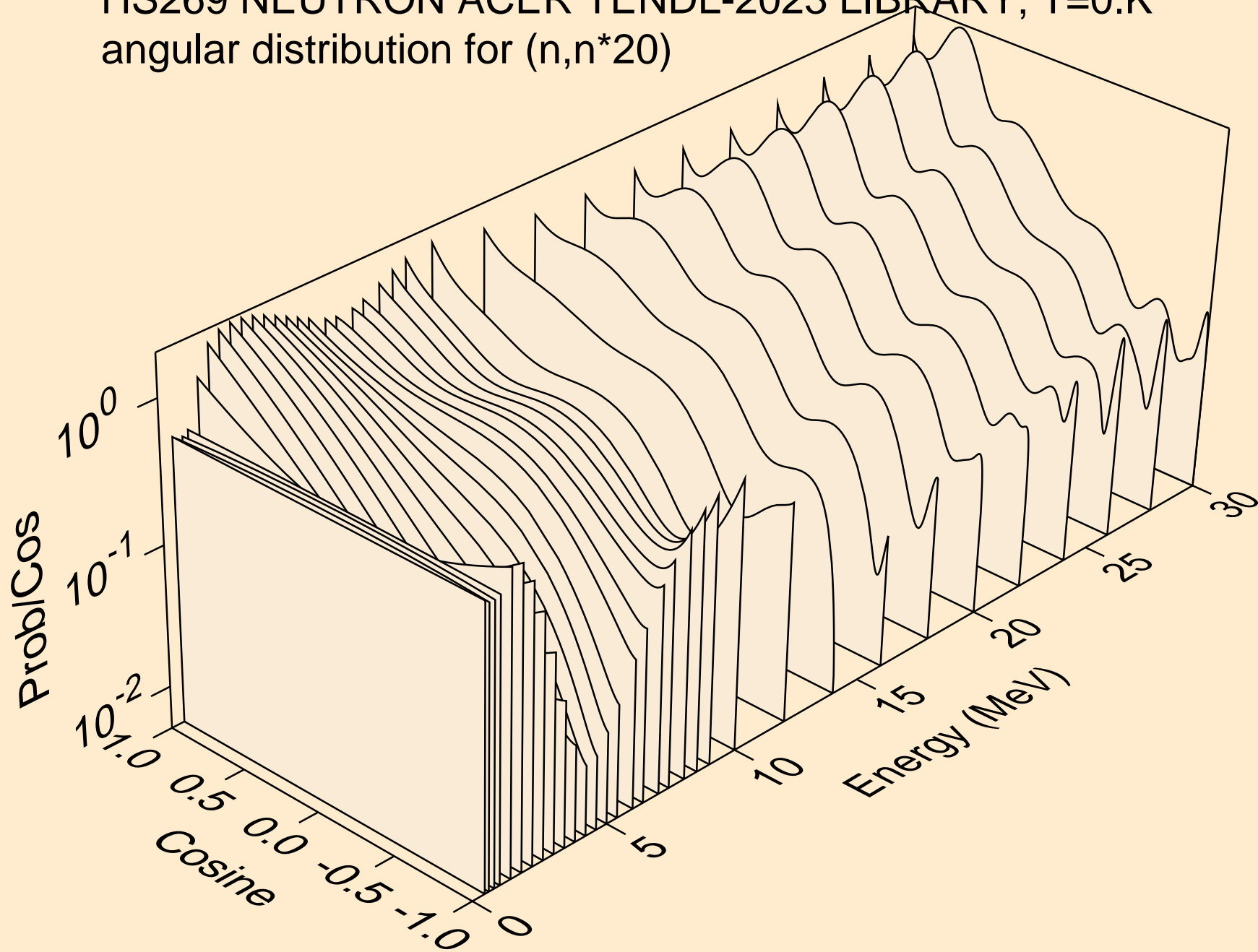
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



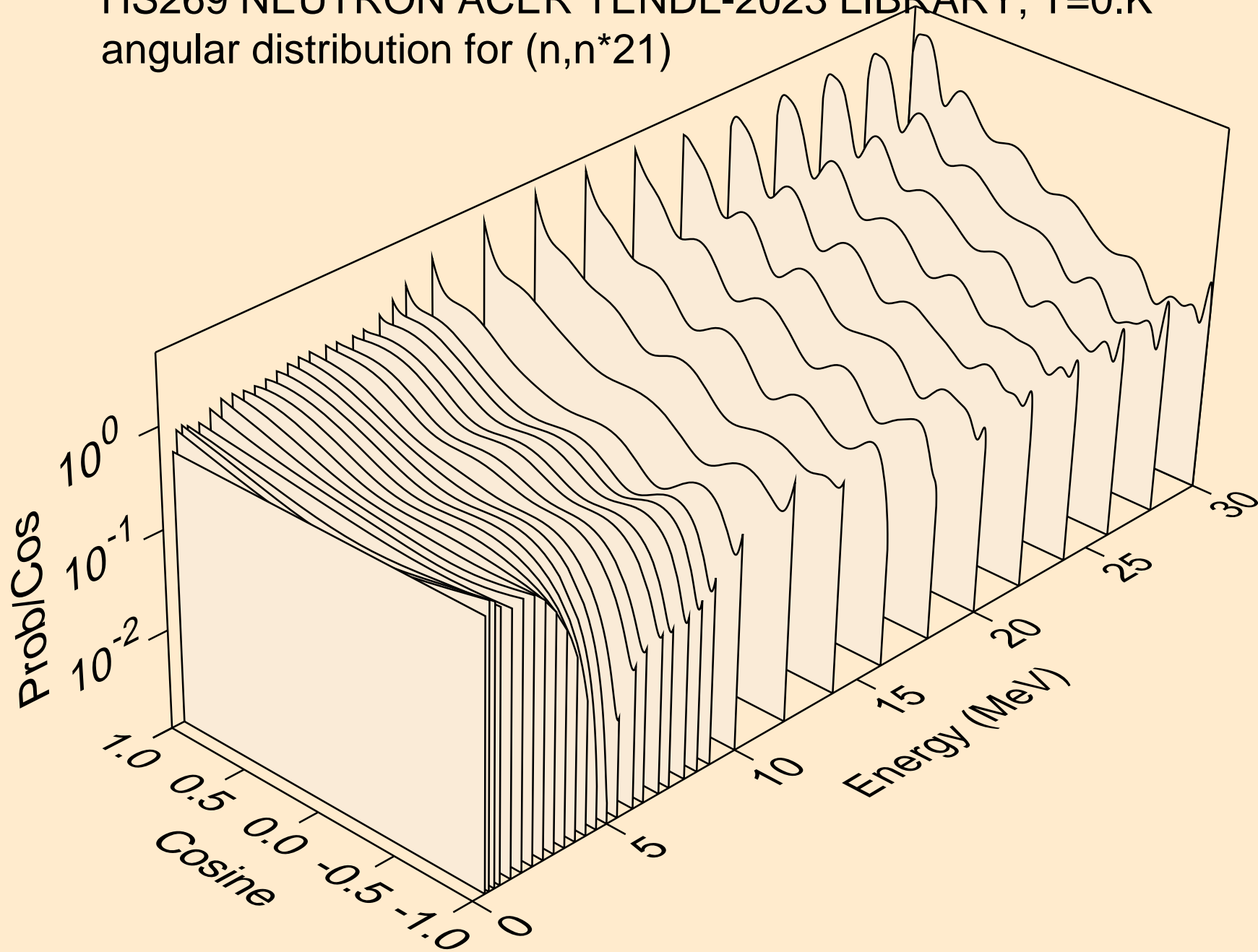
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



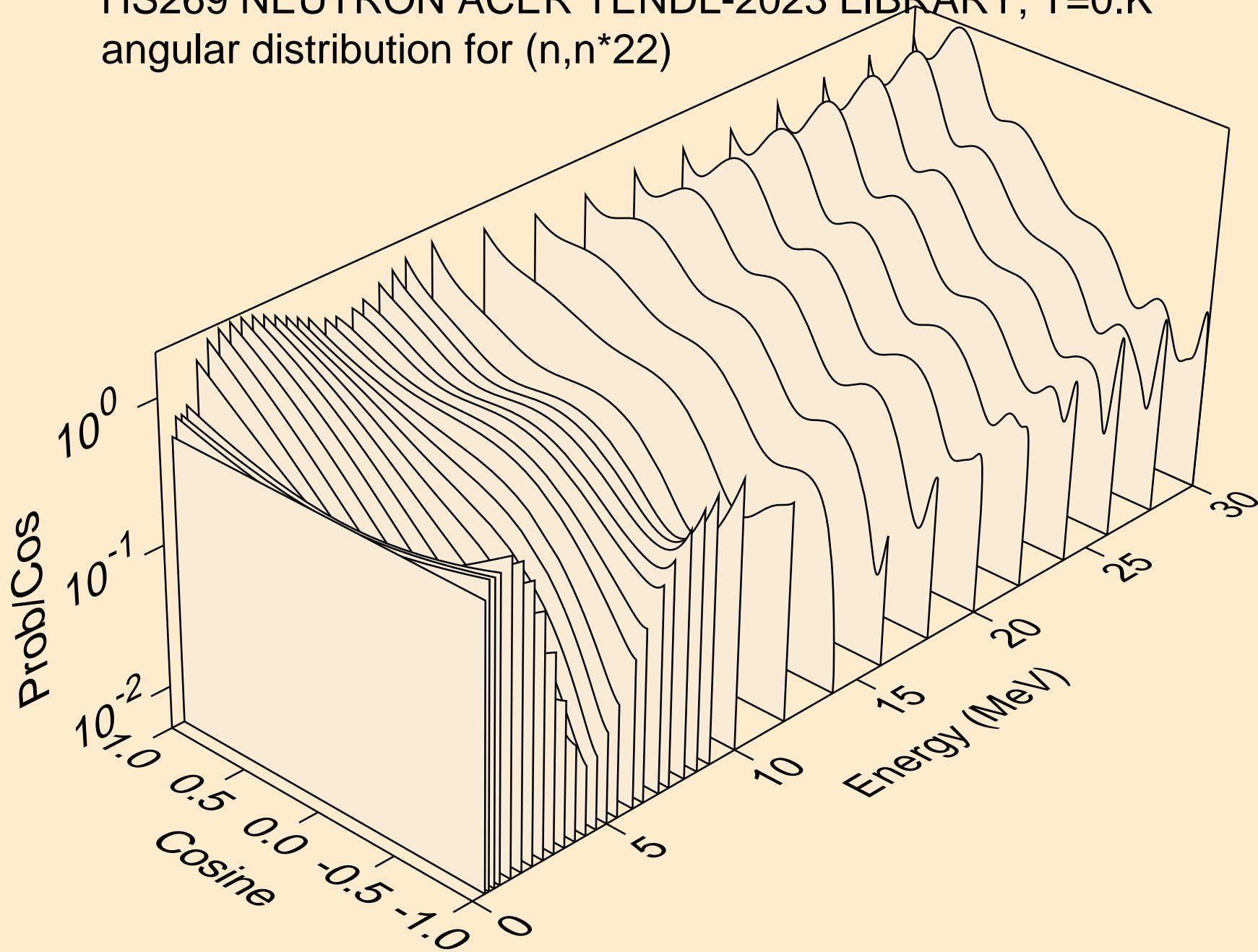
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



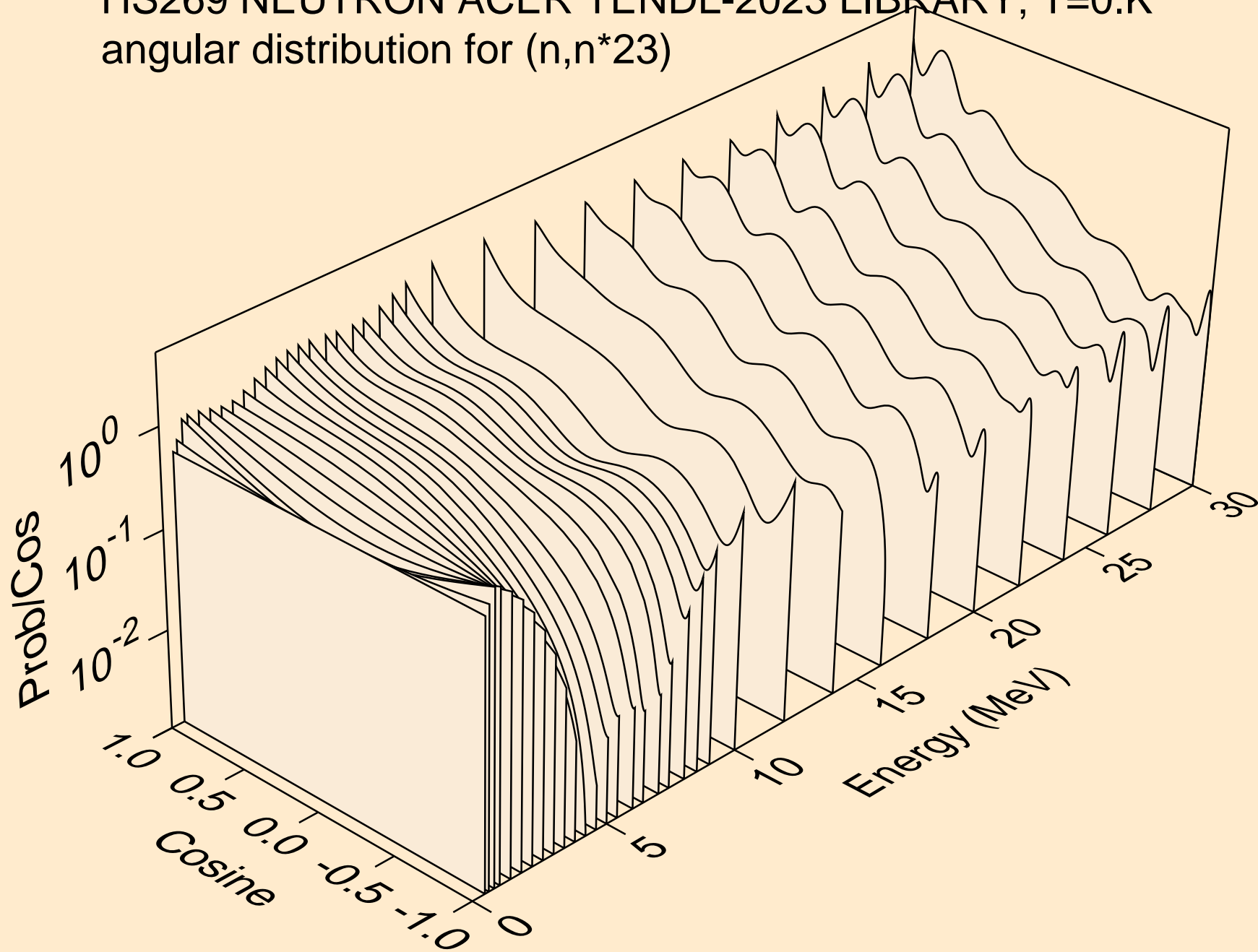
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



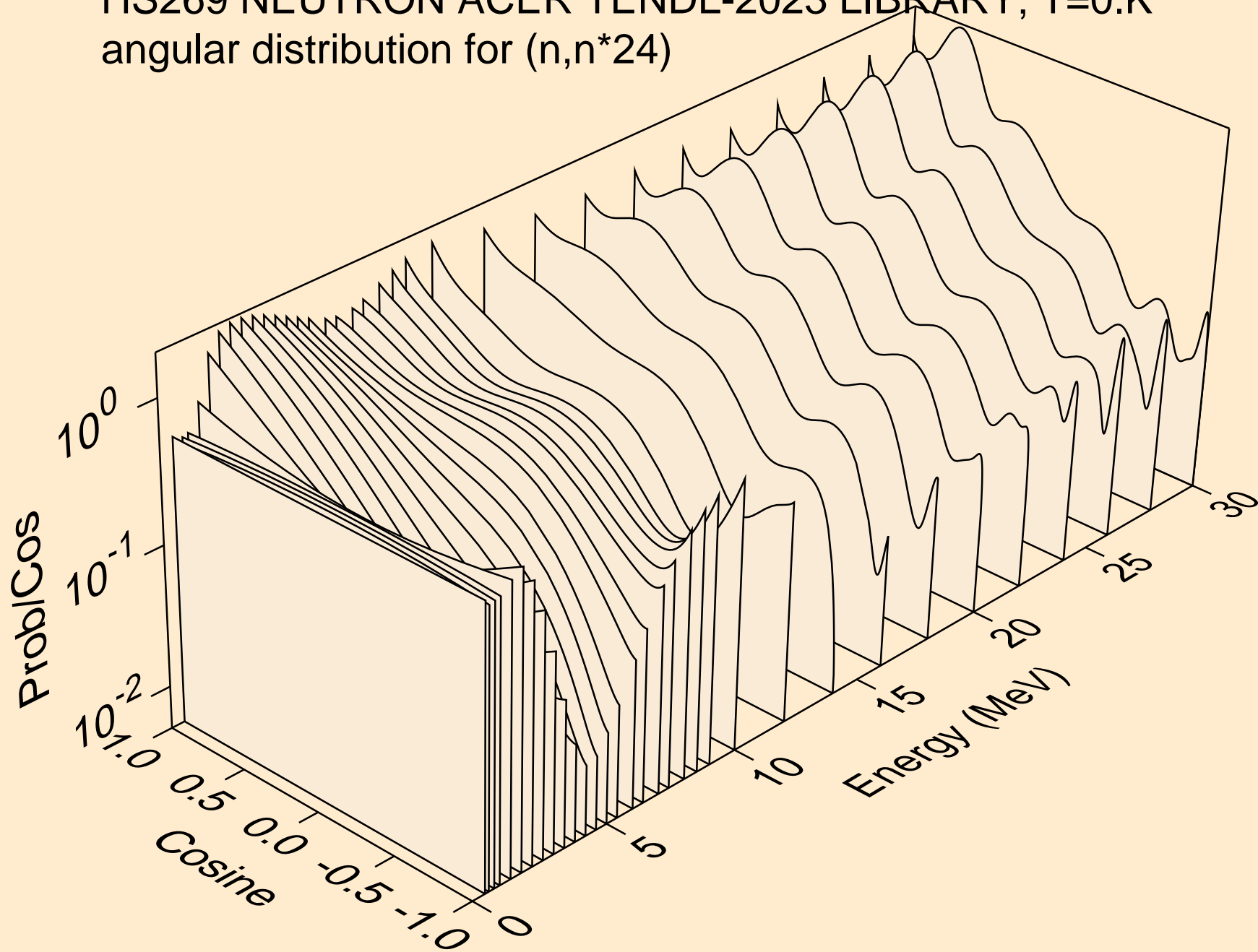
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*22)



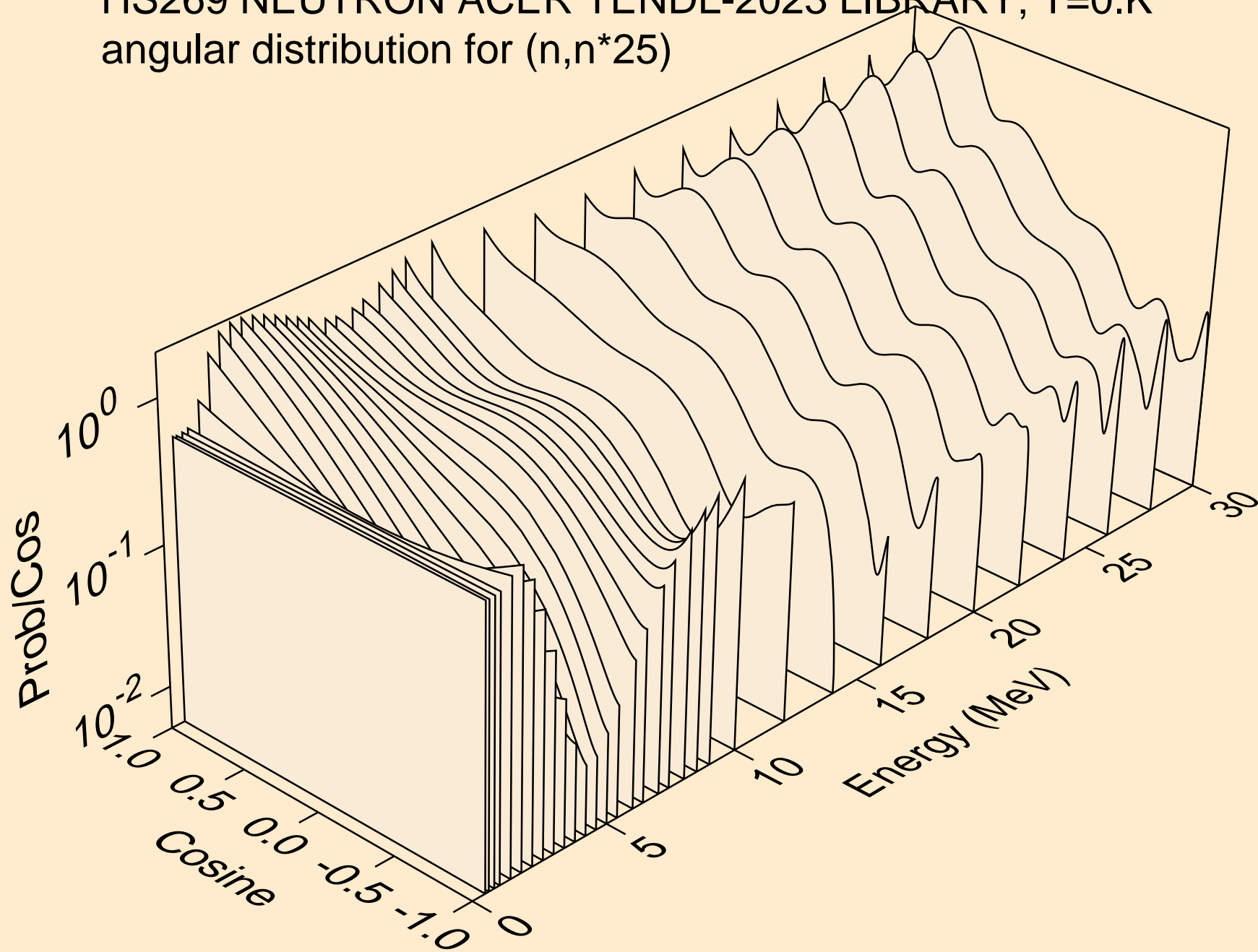
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*23)



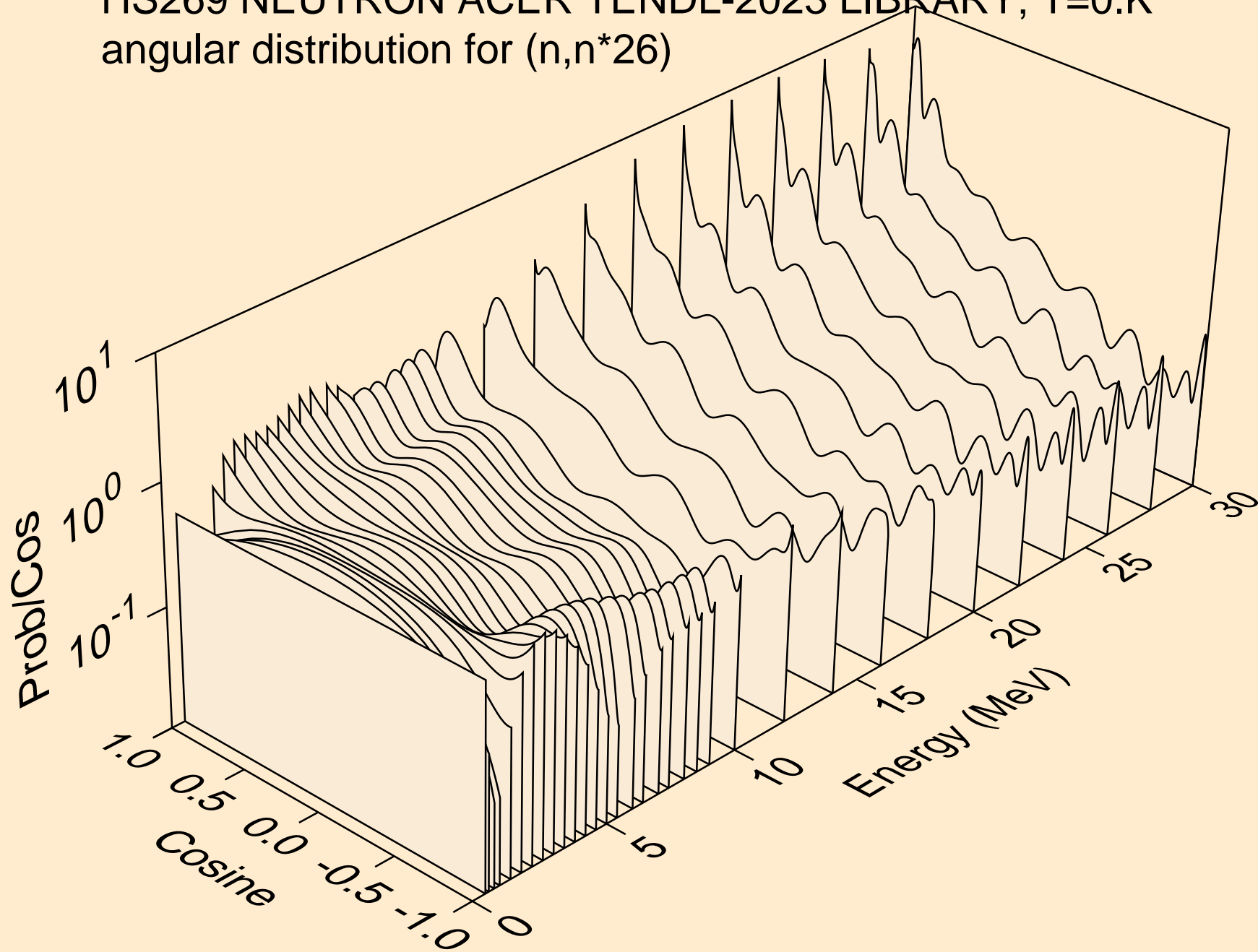
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



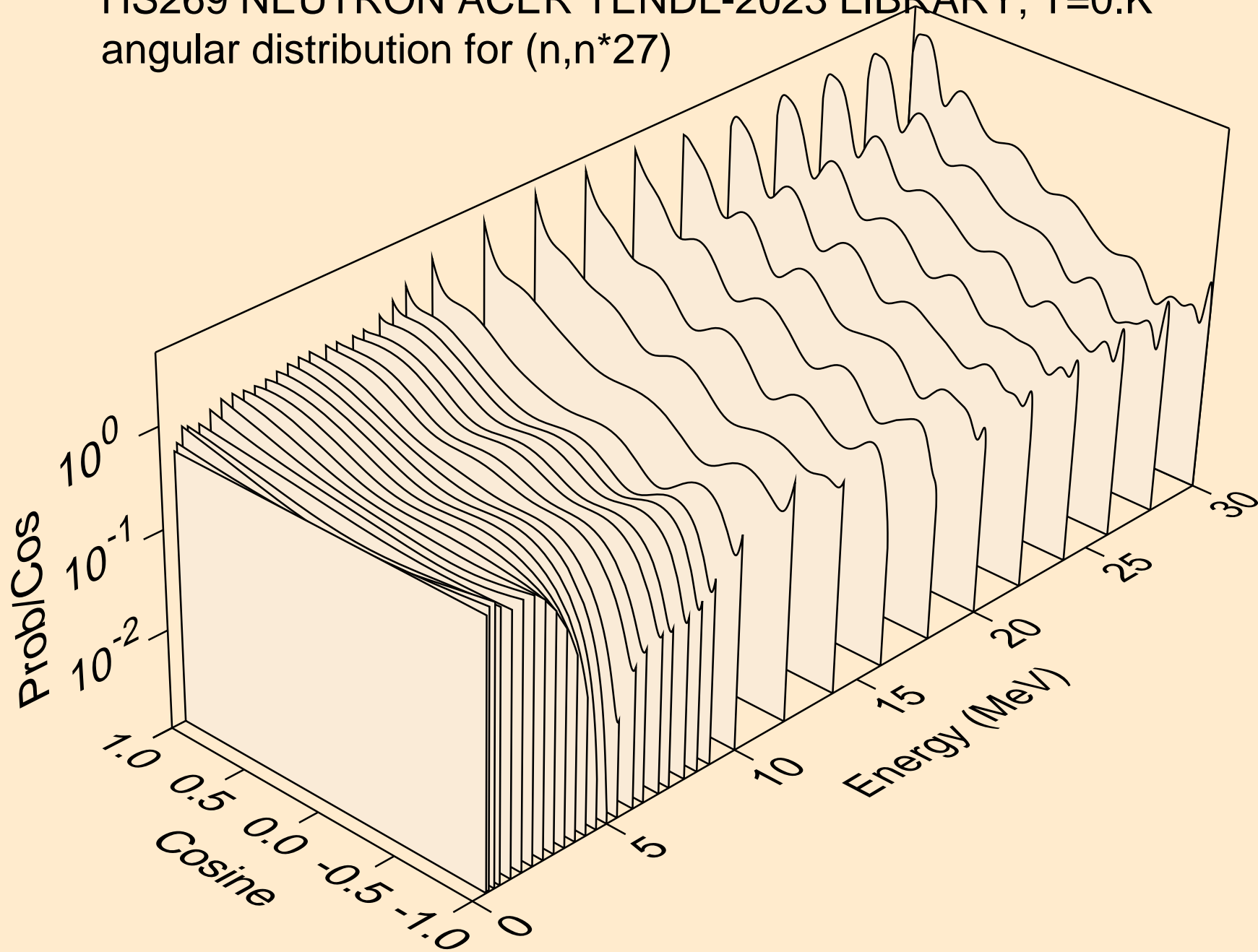
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



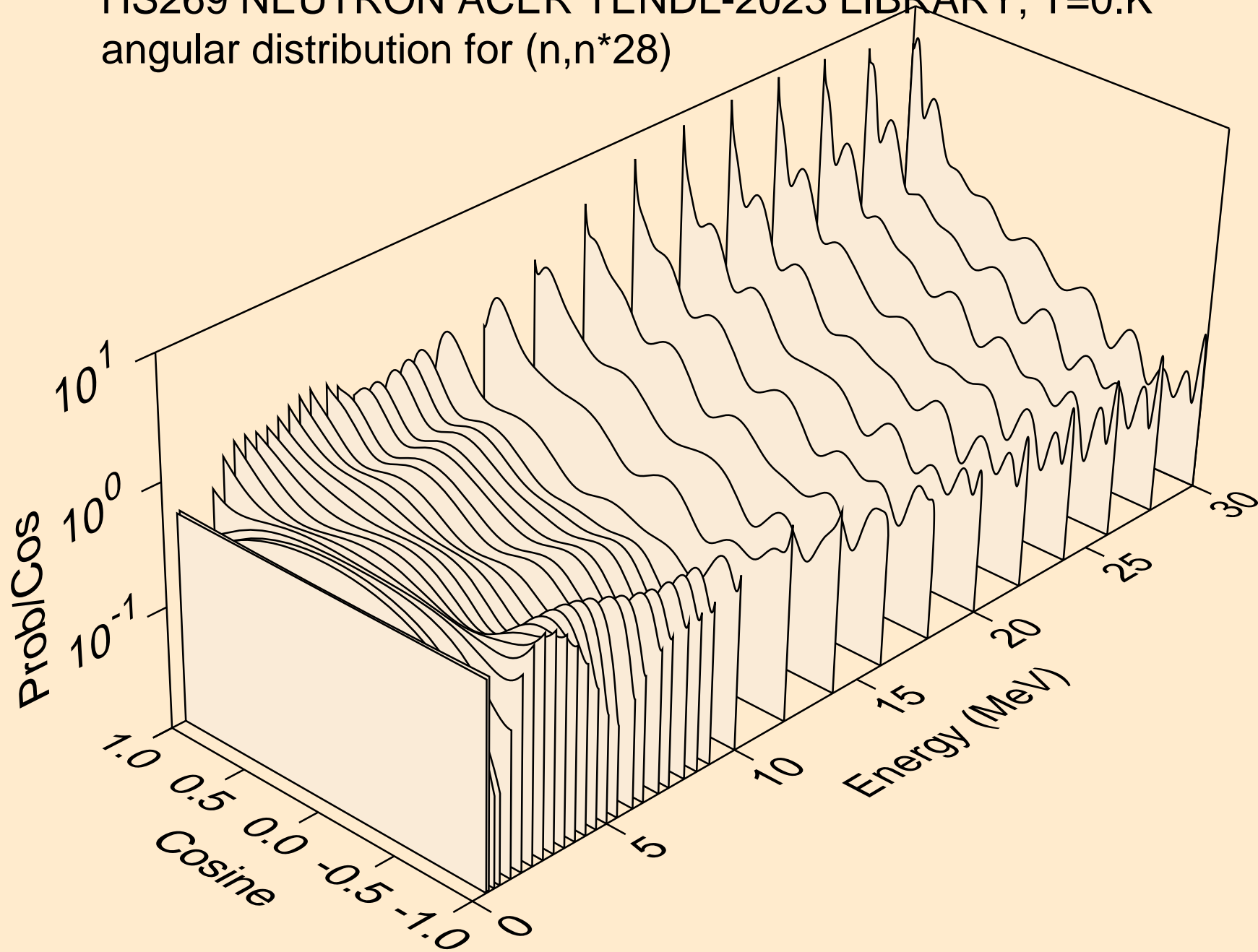
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)

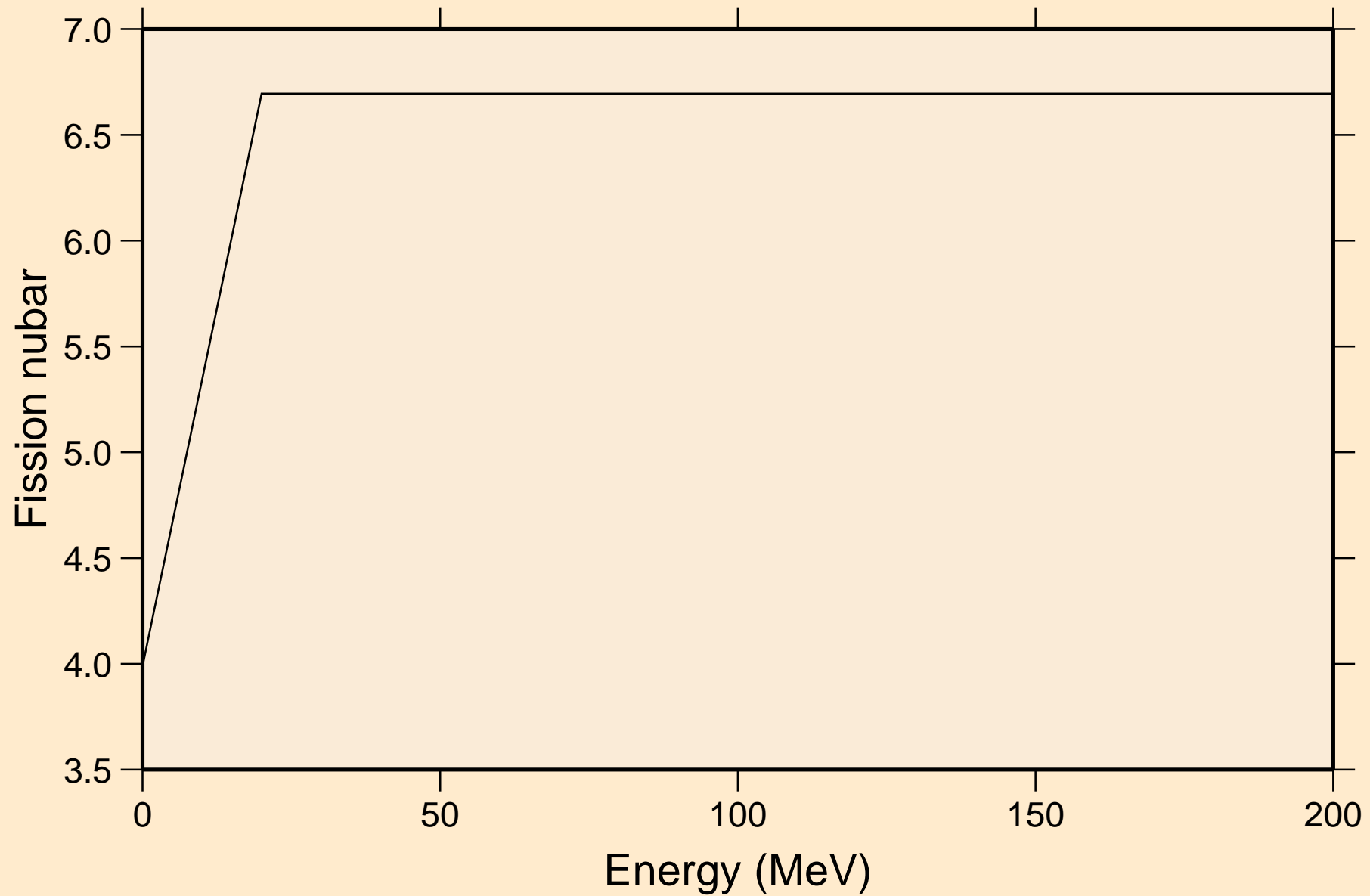


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)

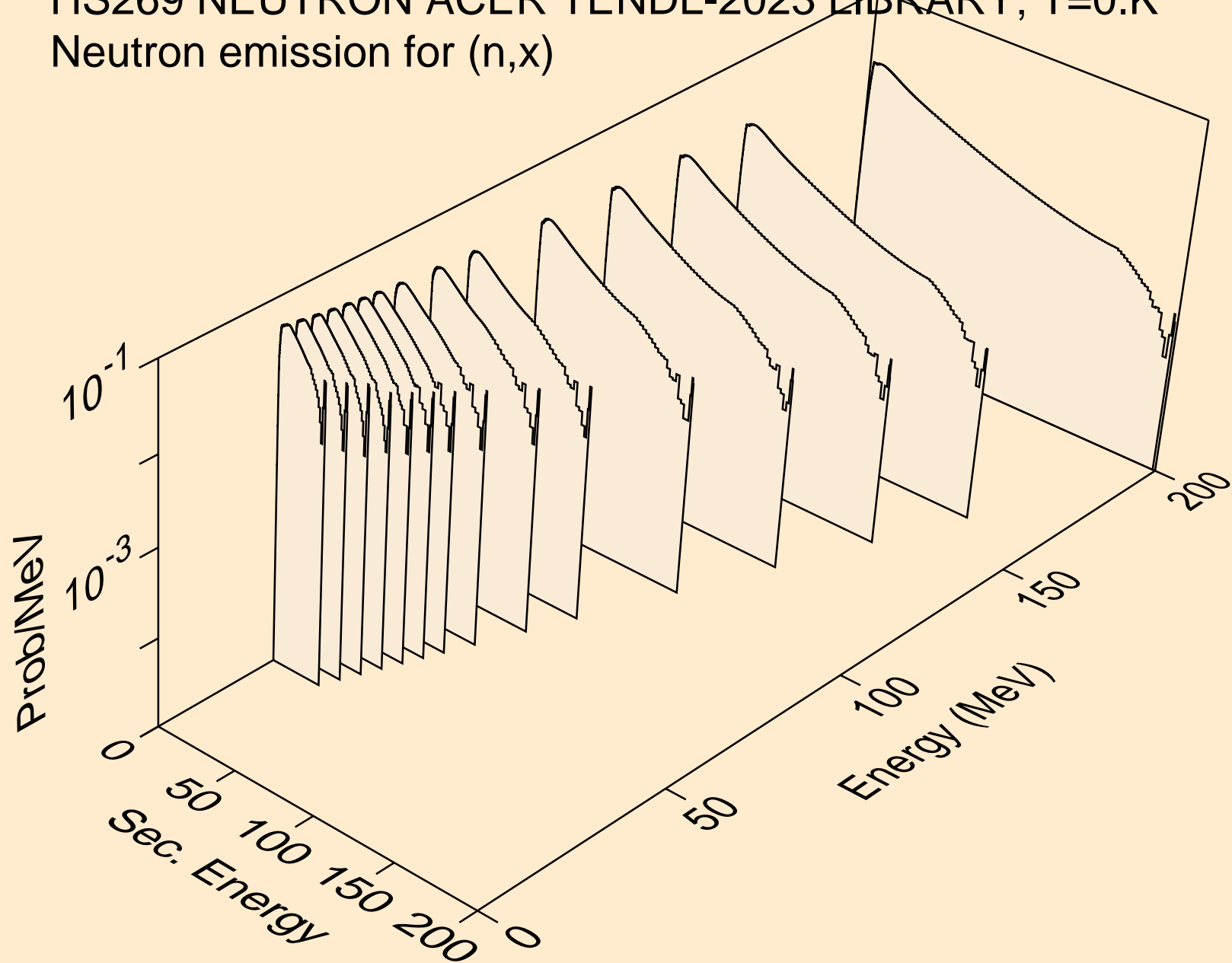


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

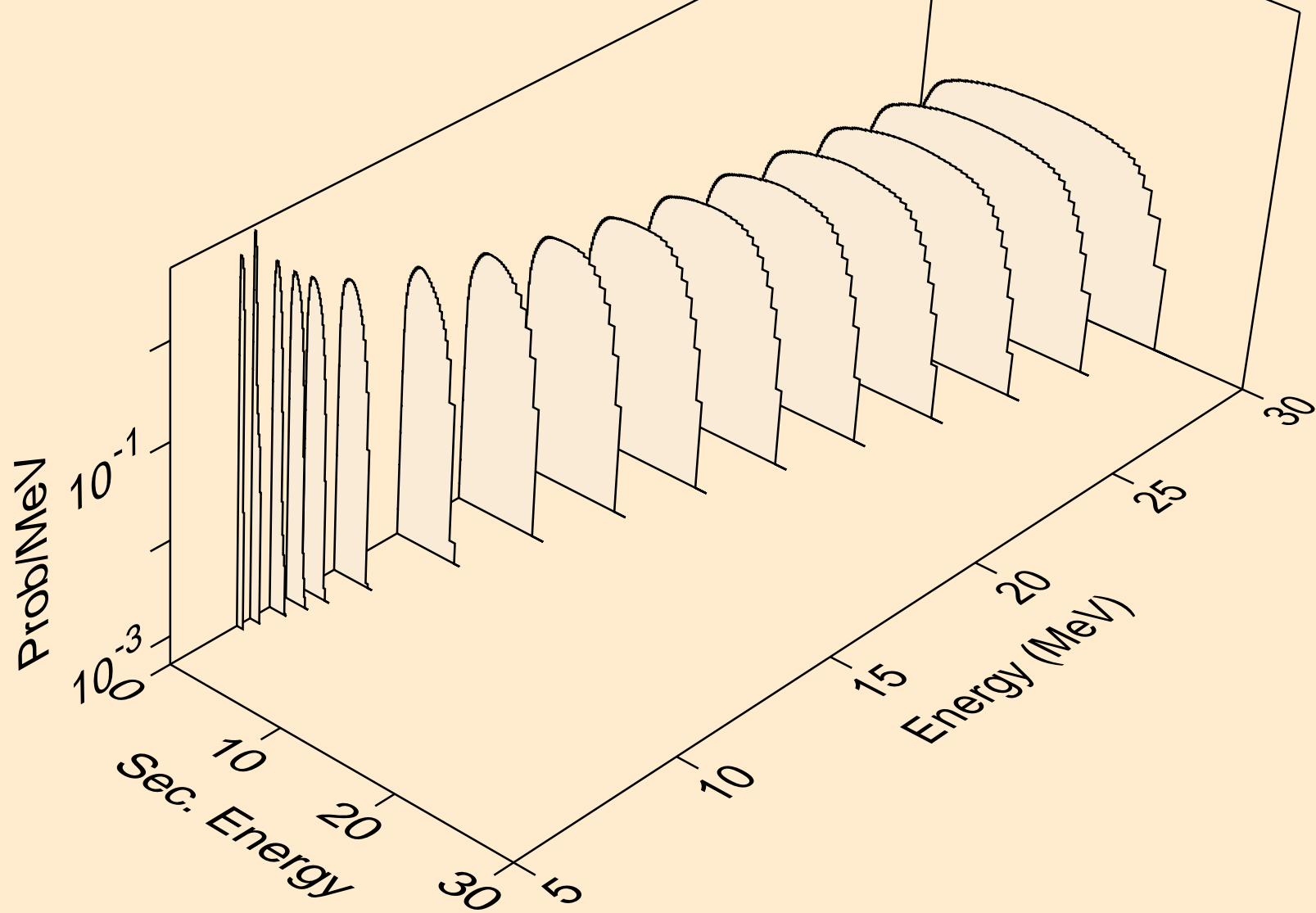
Total fission nubar



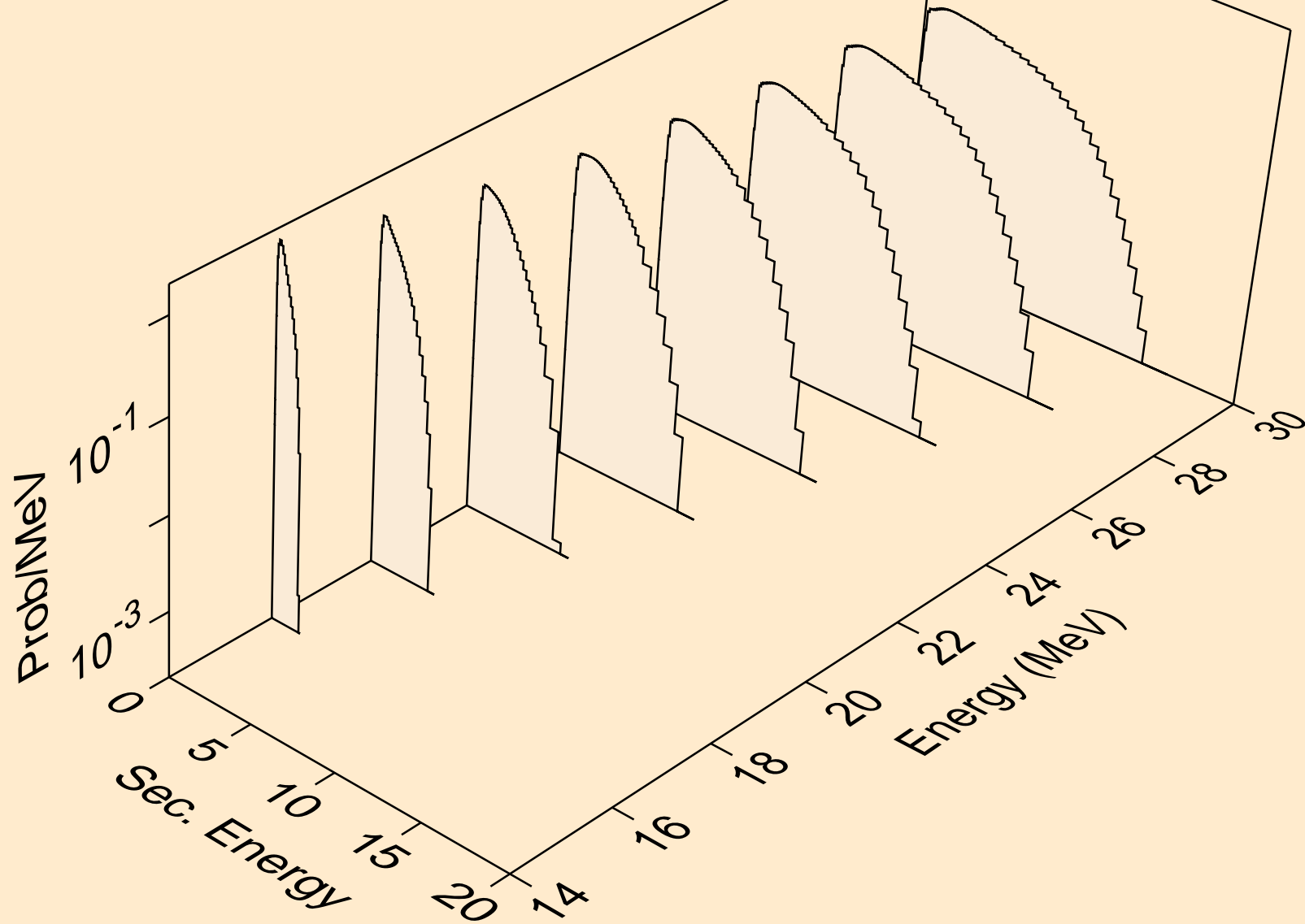
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



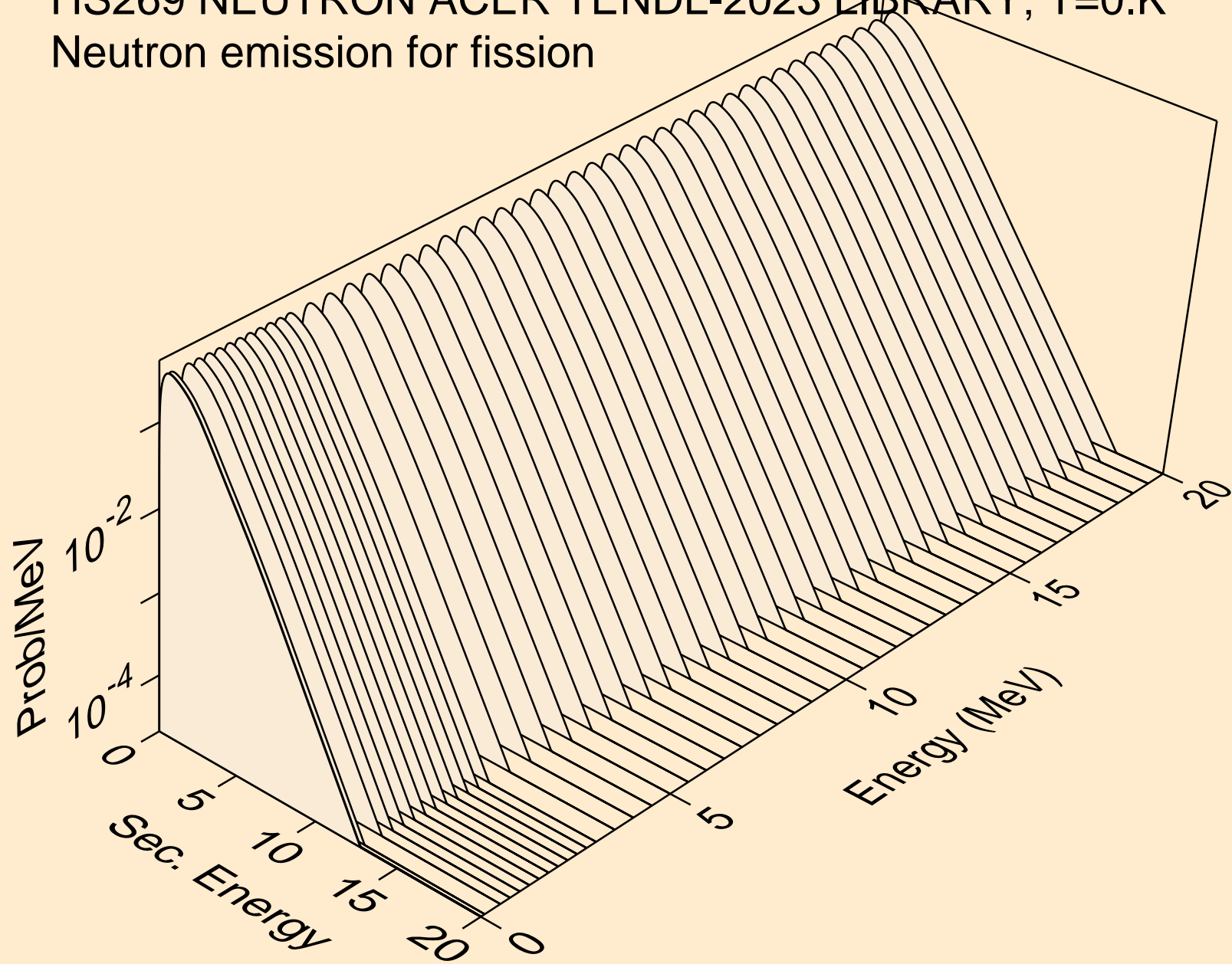
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



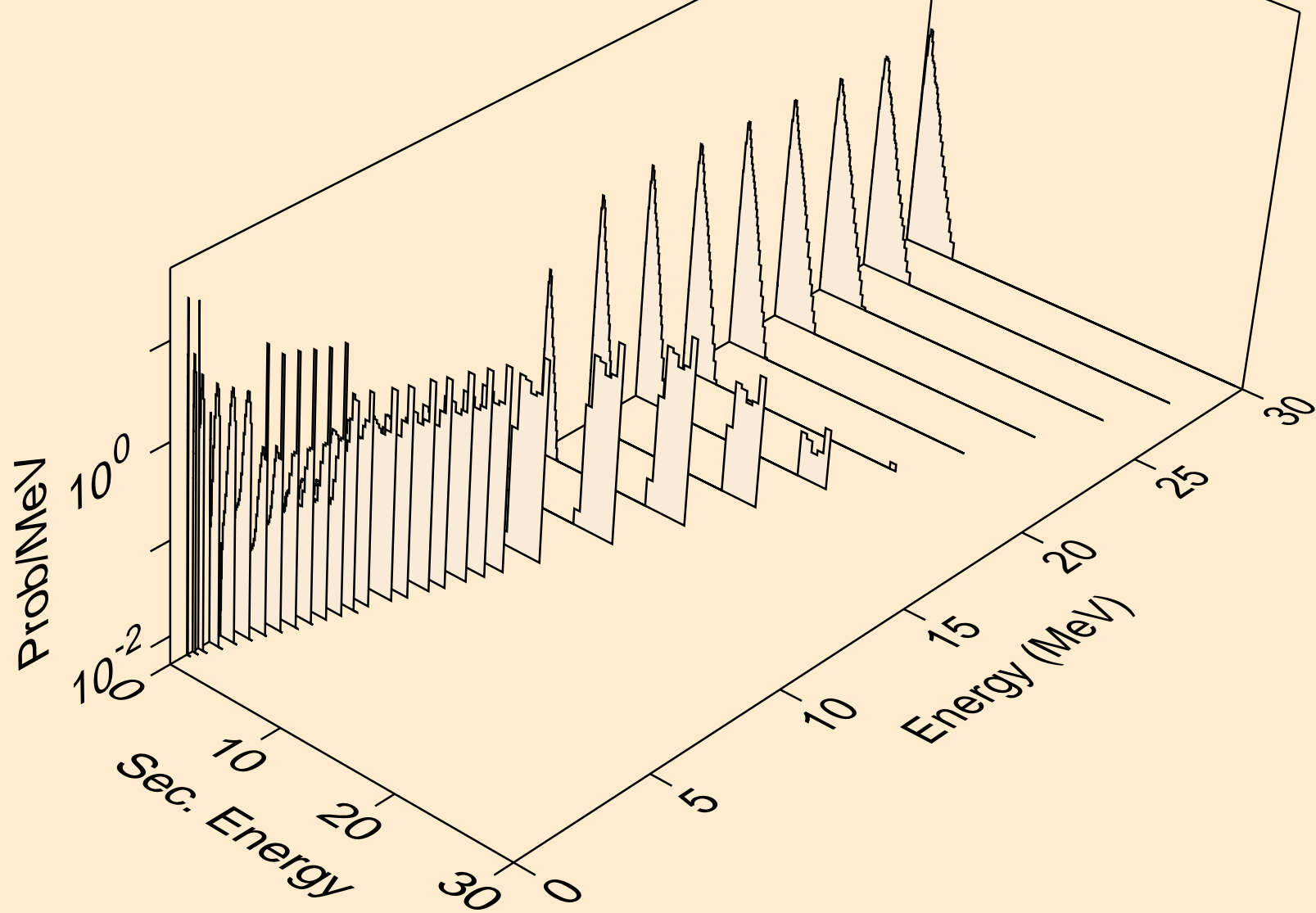
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



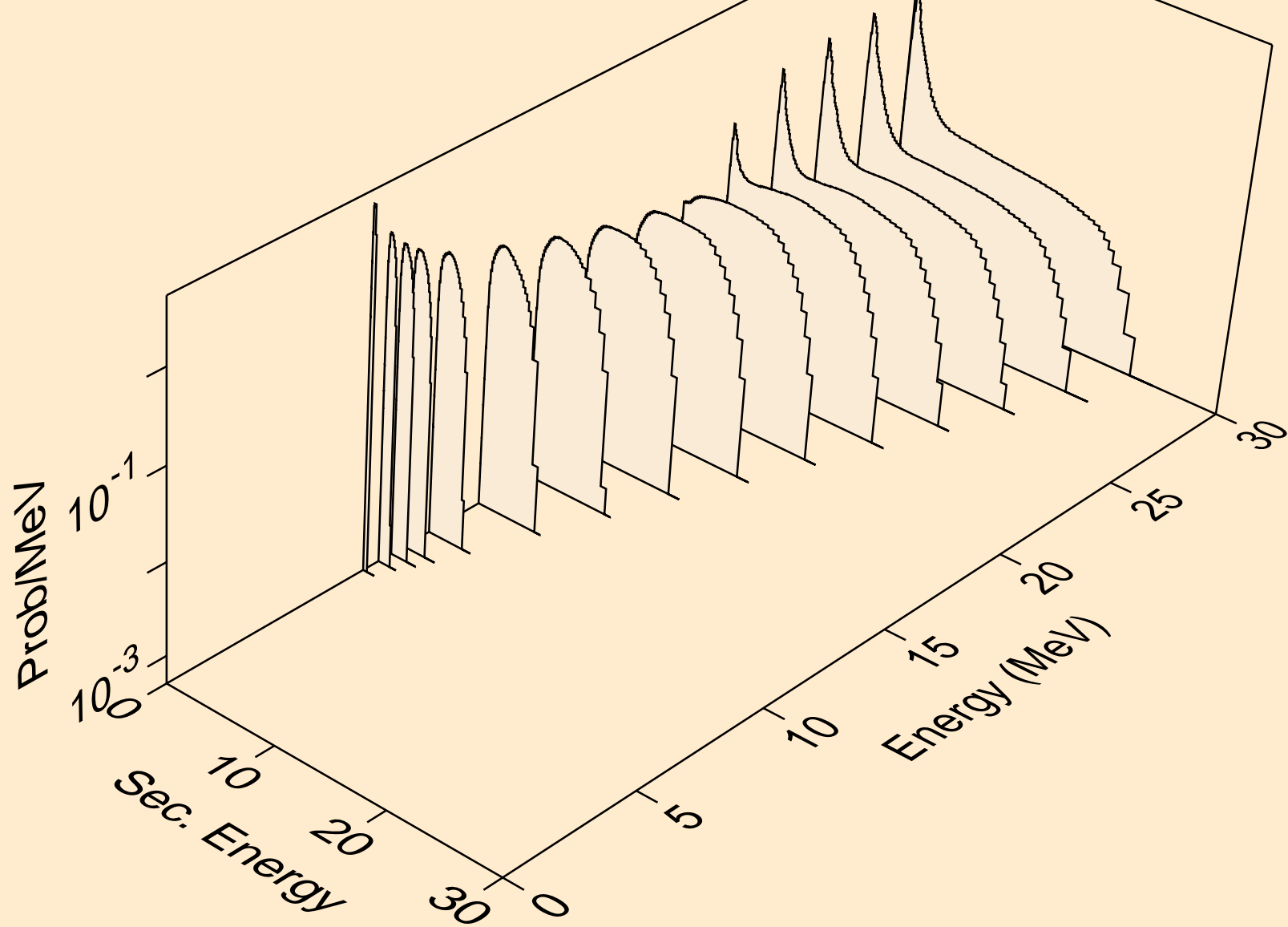
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



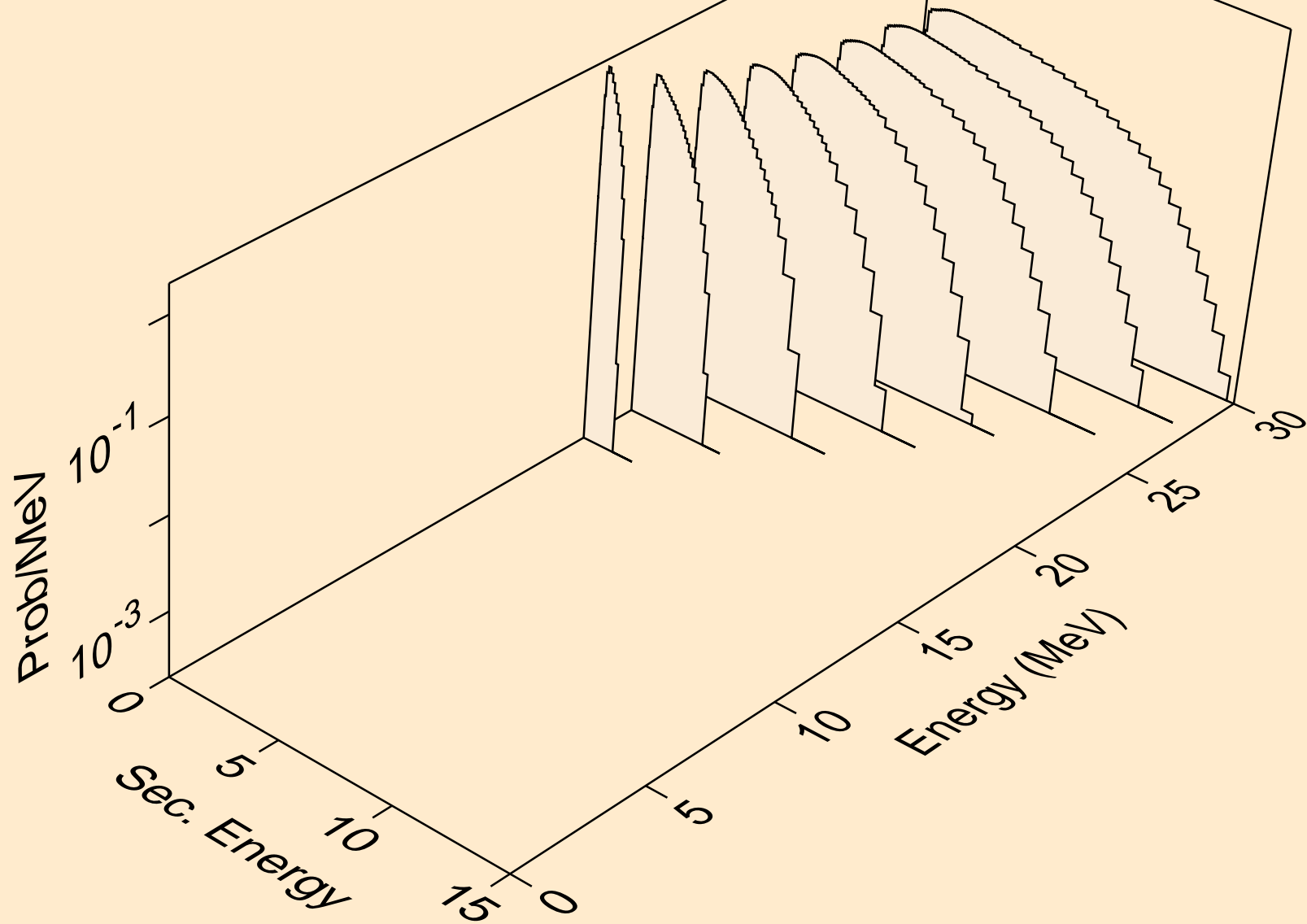
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



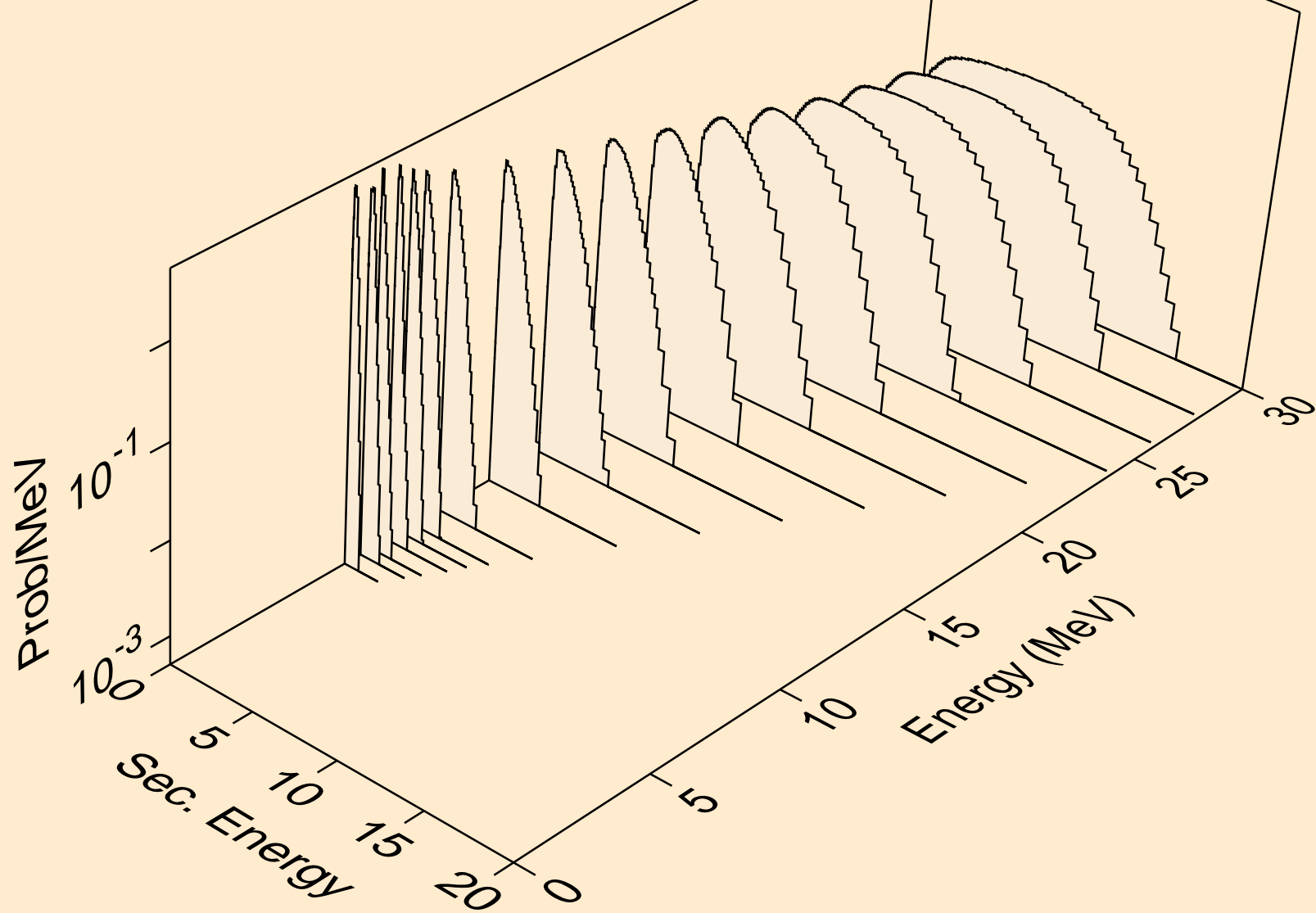
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



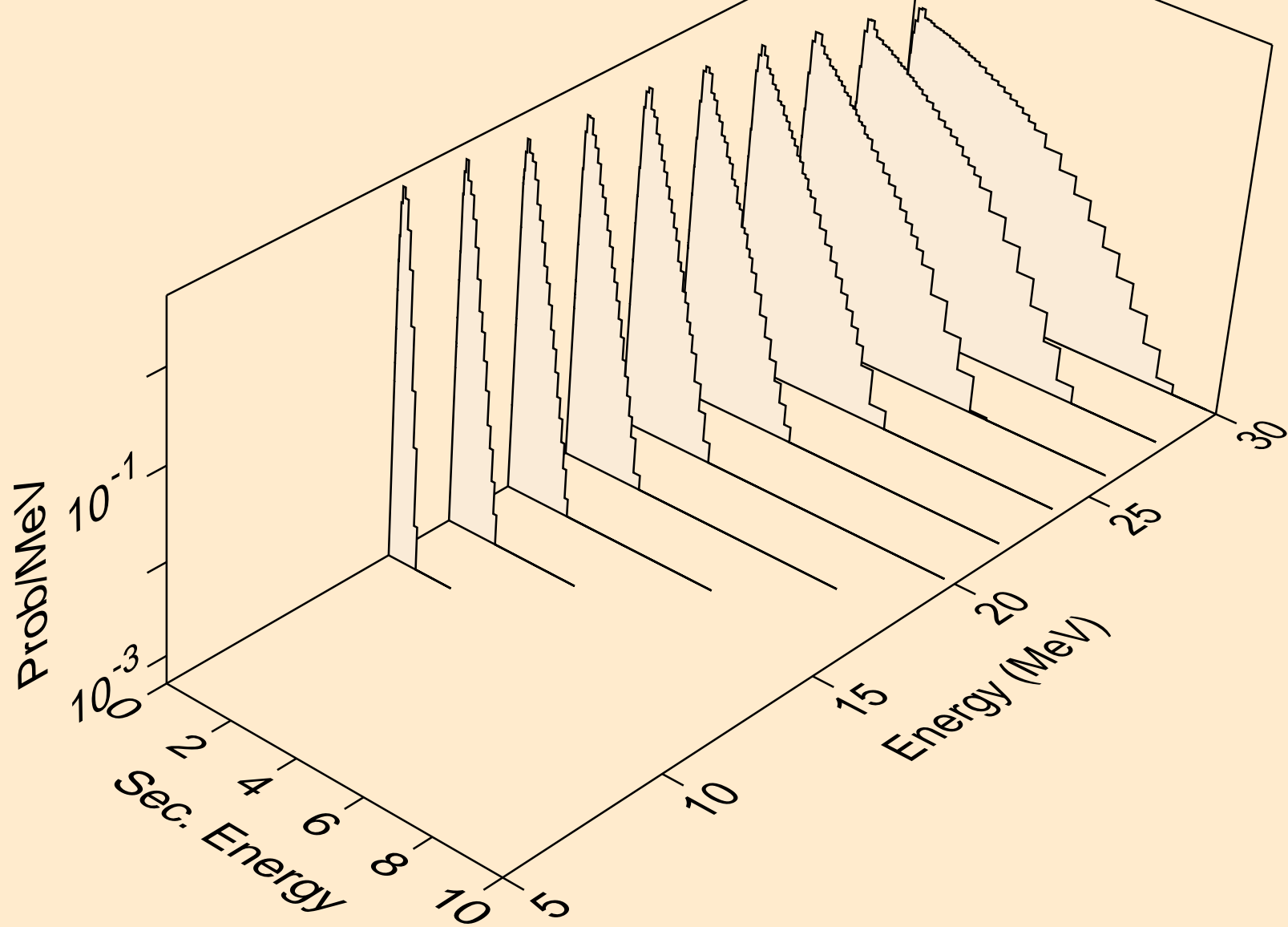
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



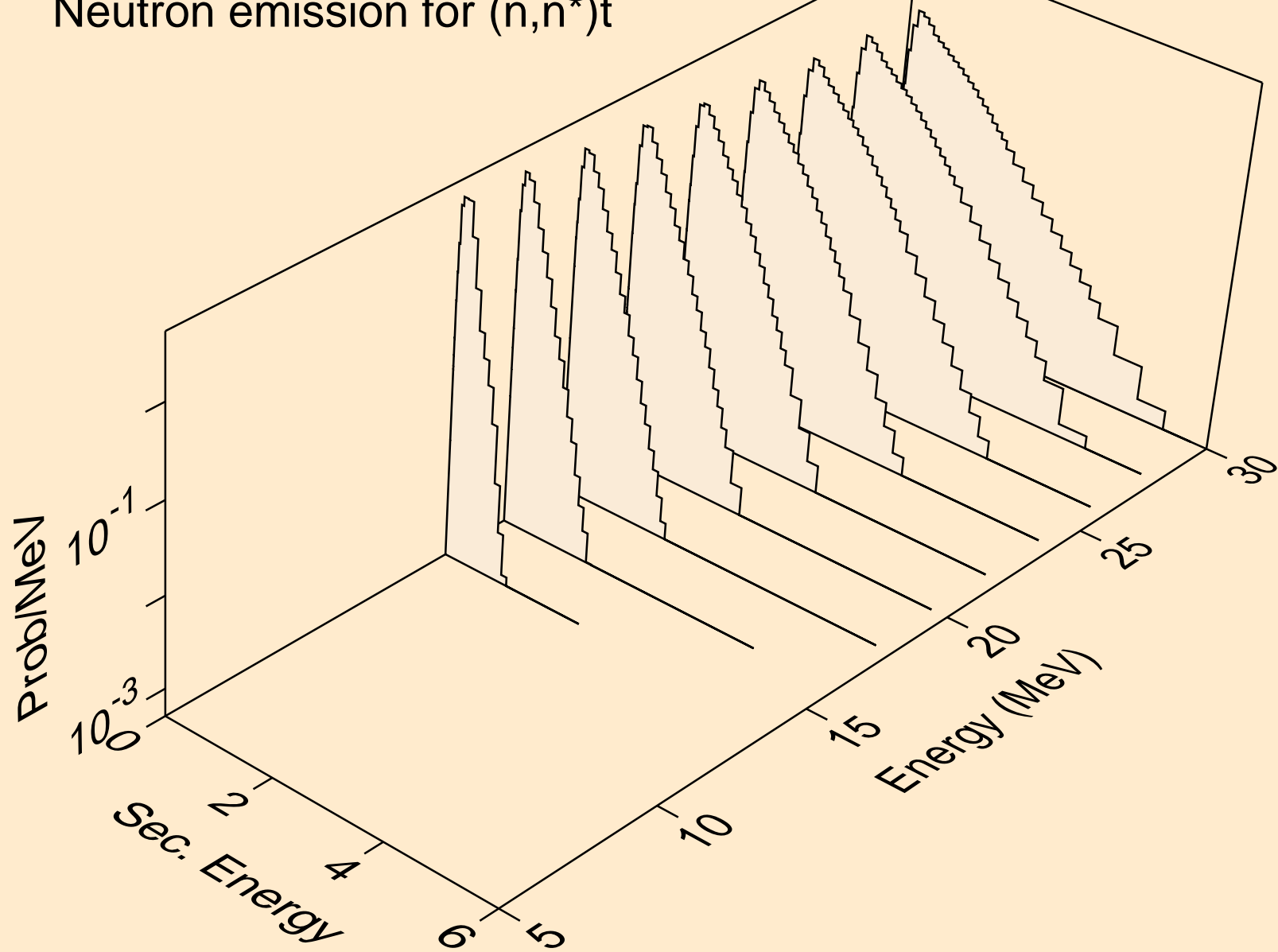
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



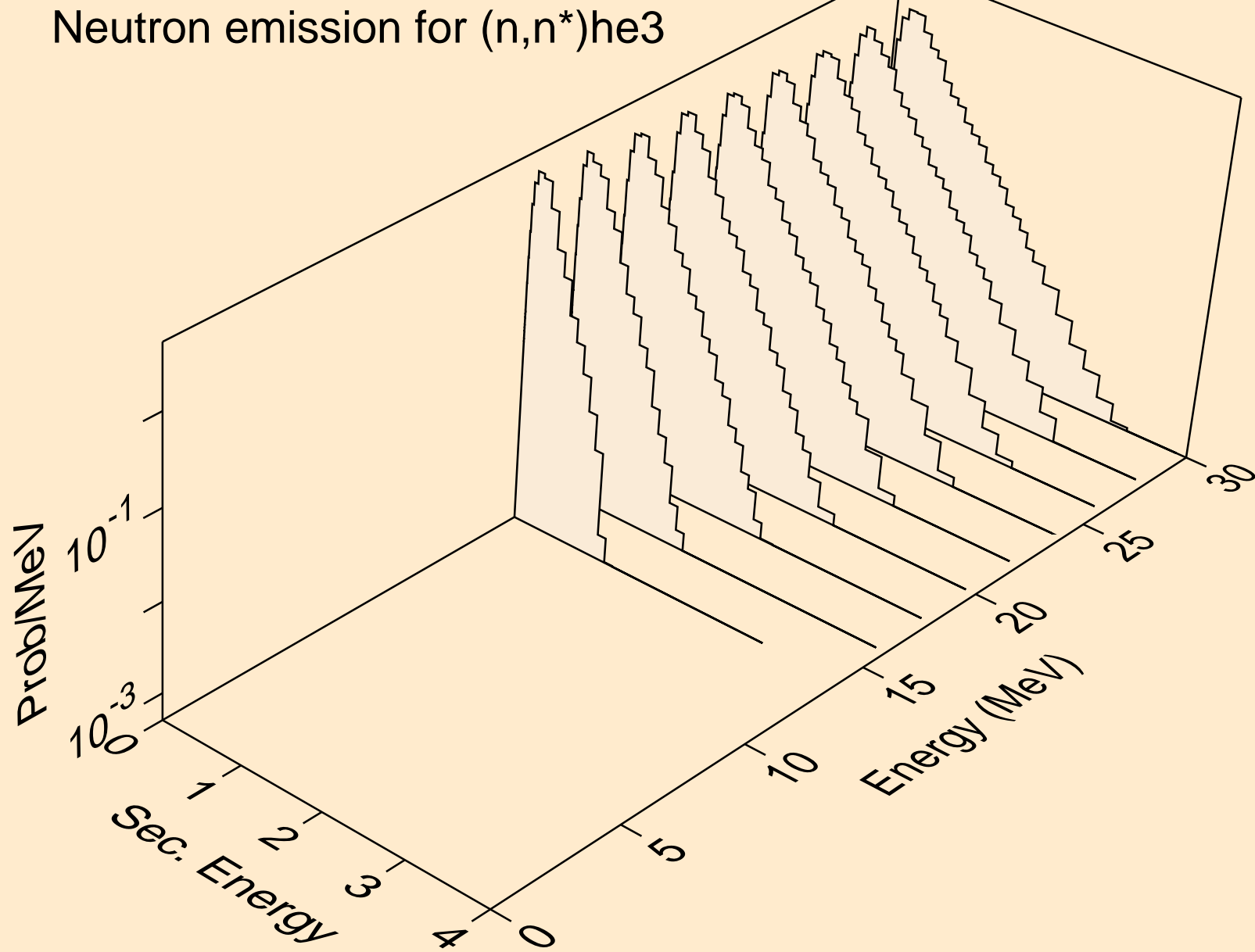
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



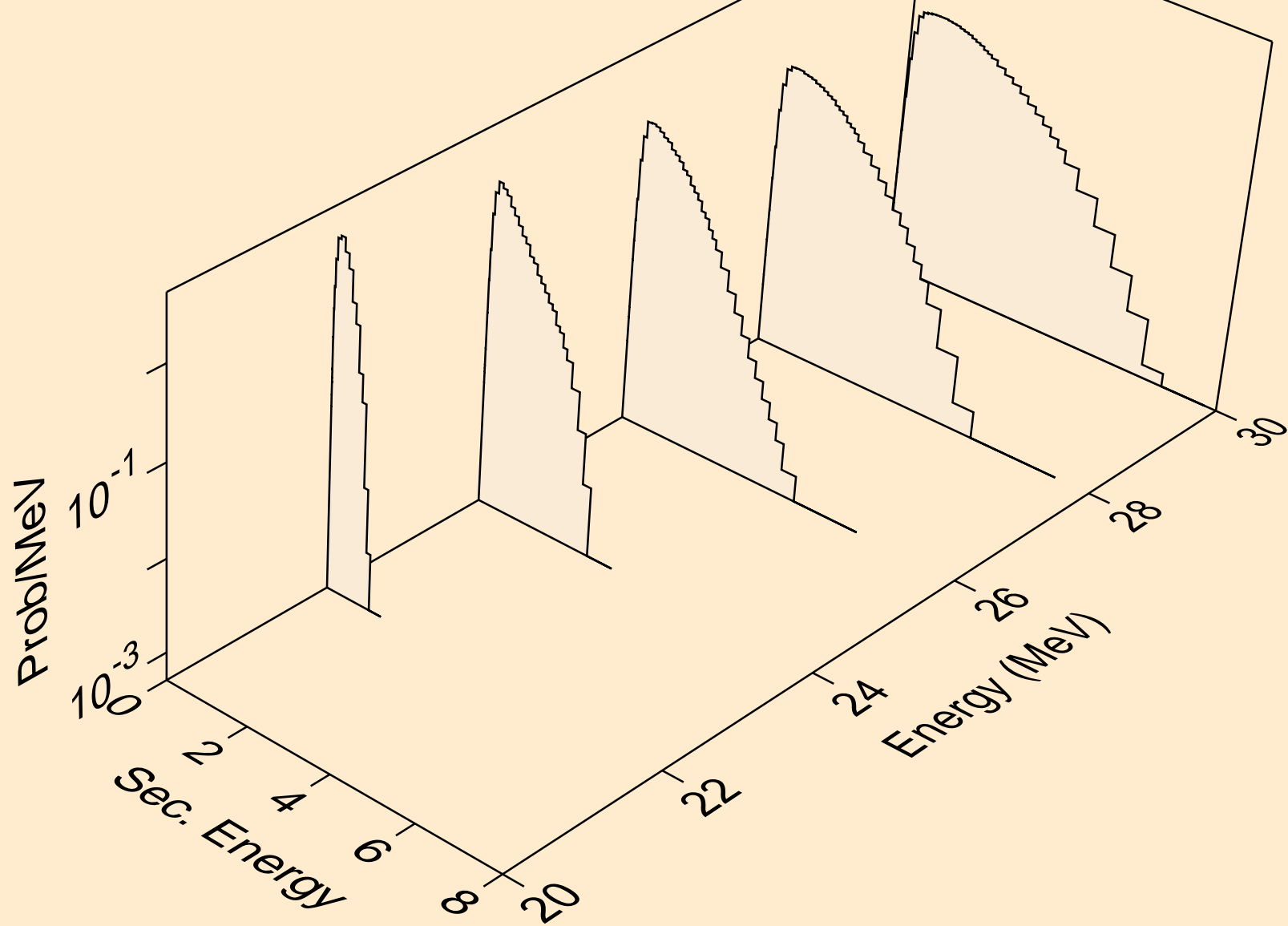
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



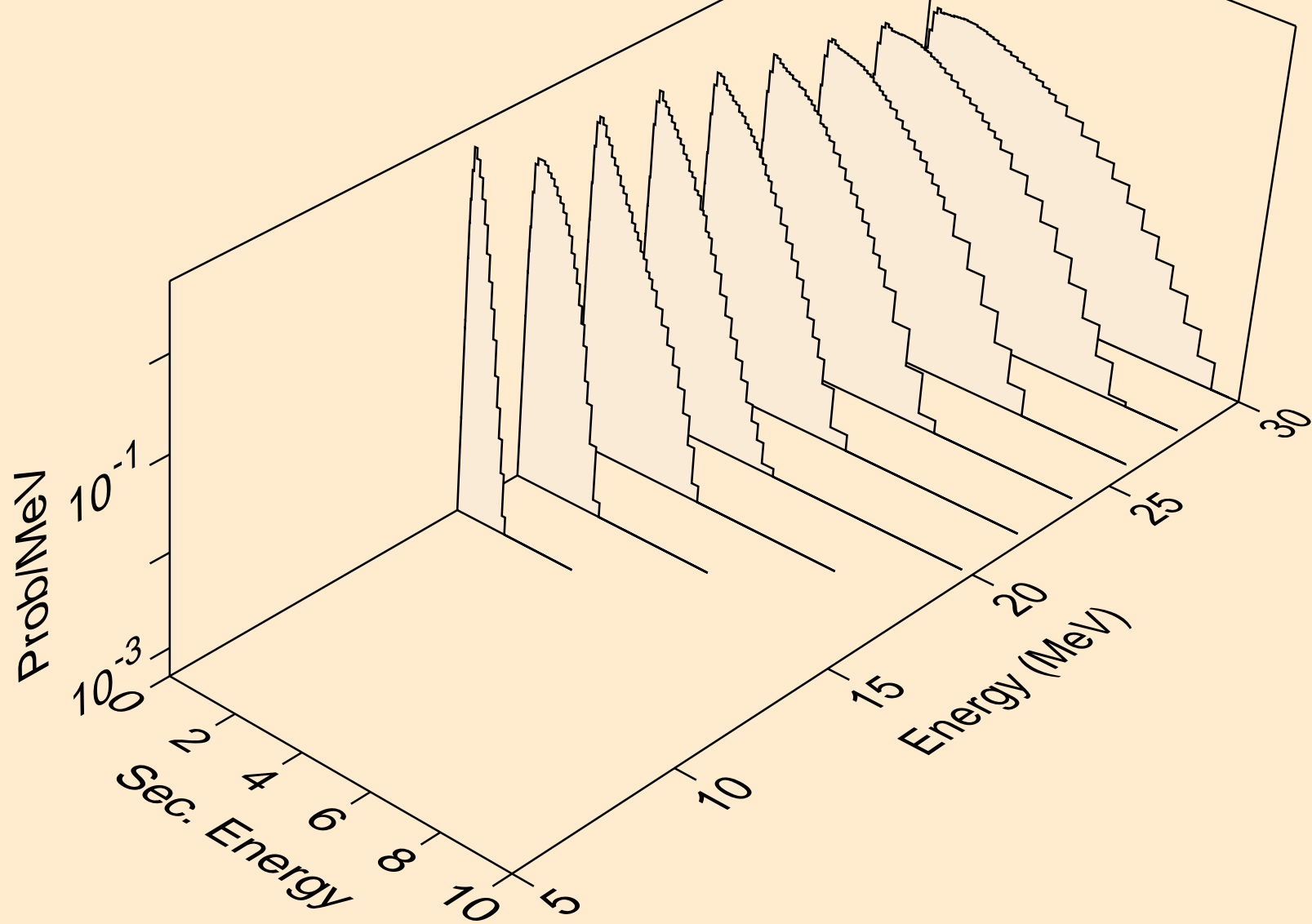
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



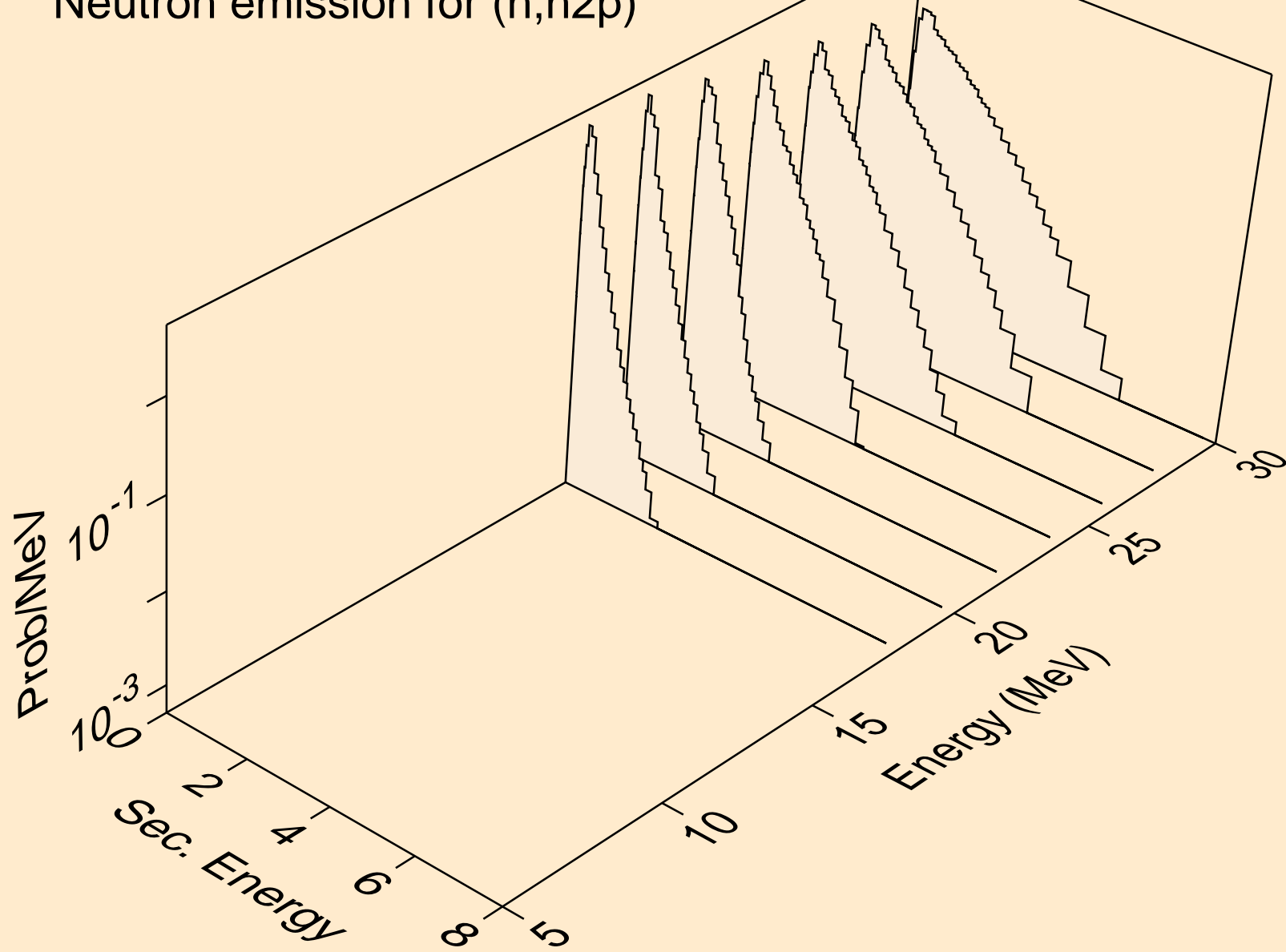
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



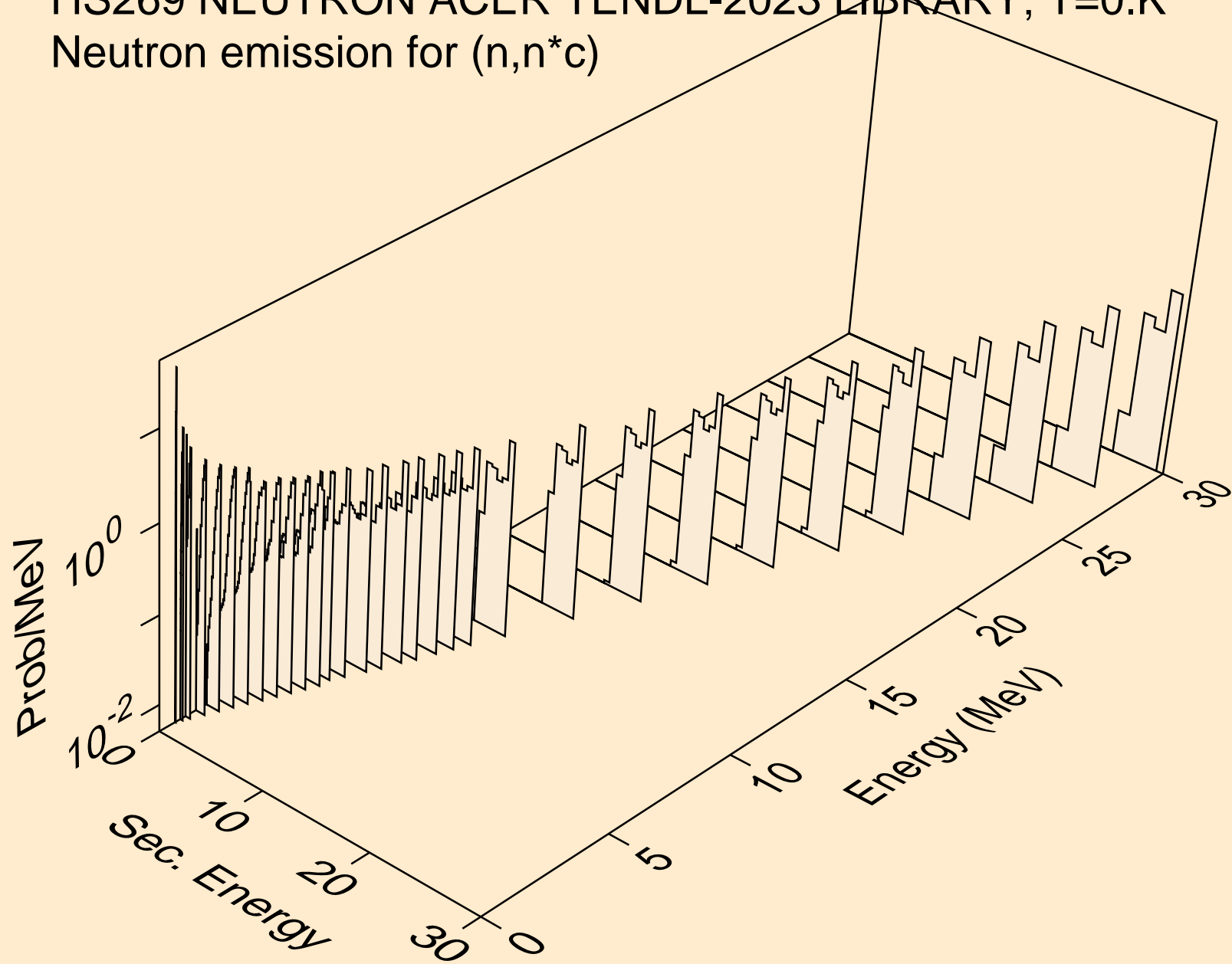
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)

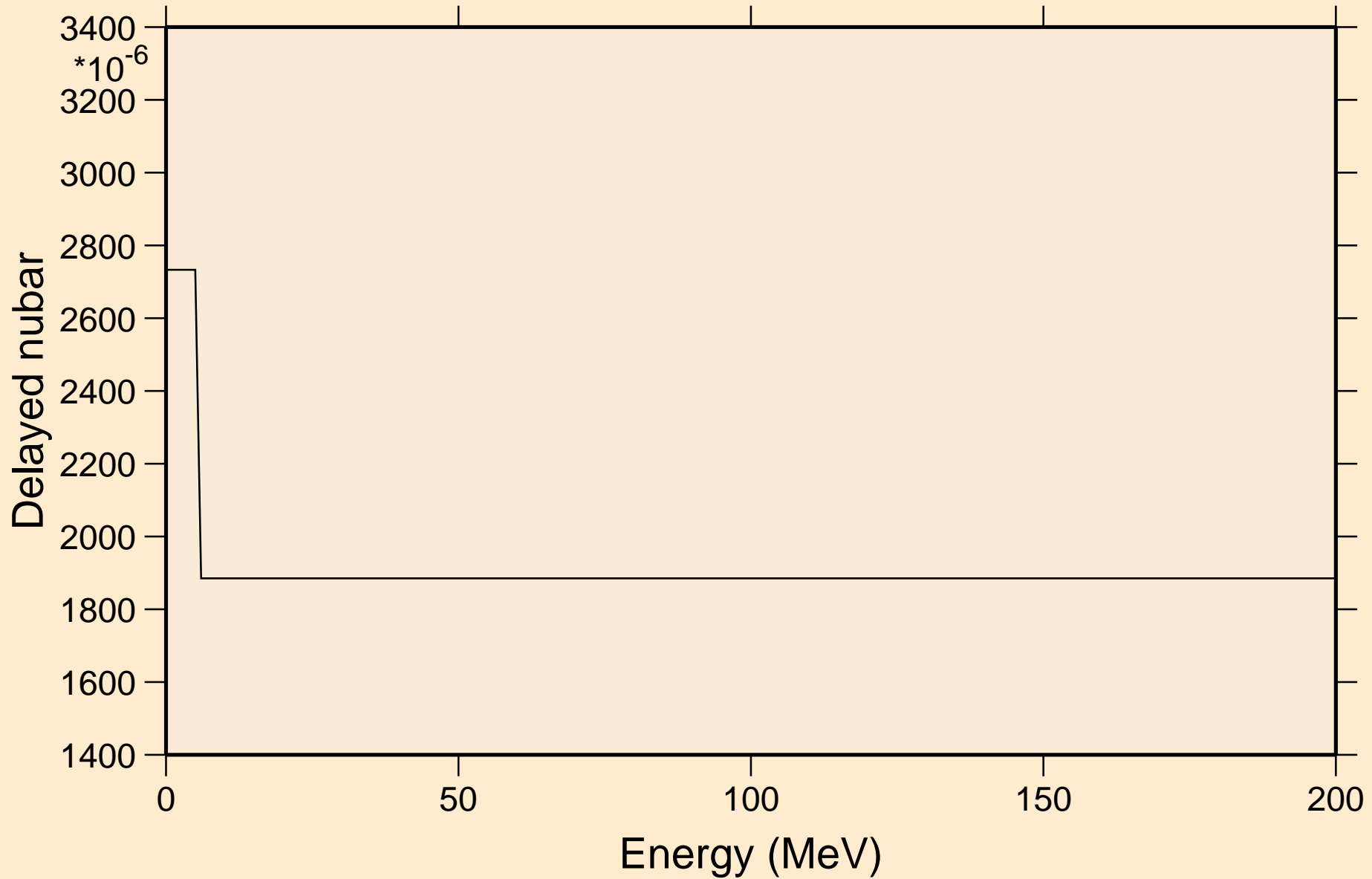


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



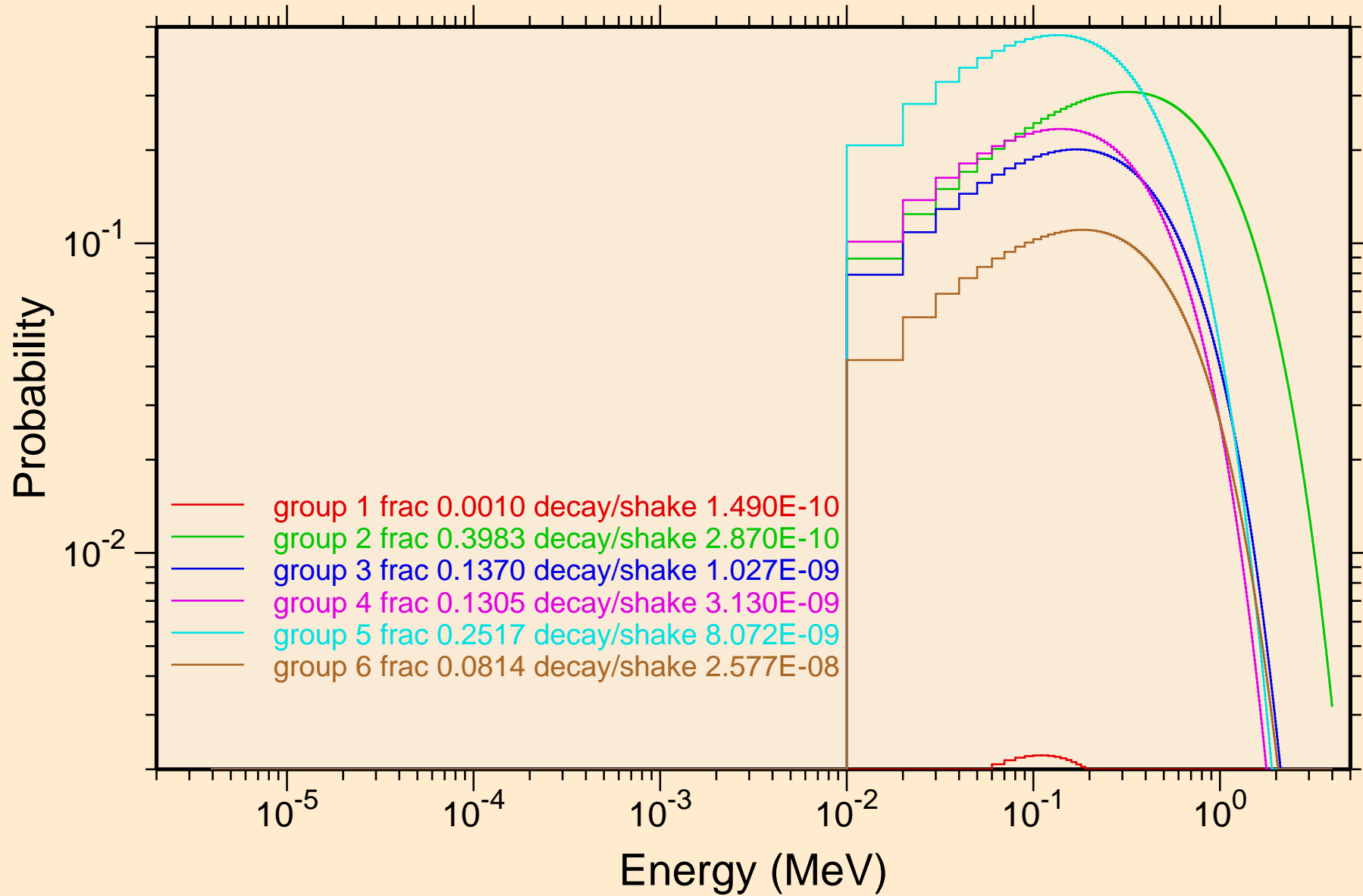
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

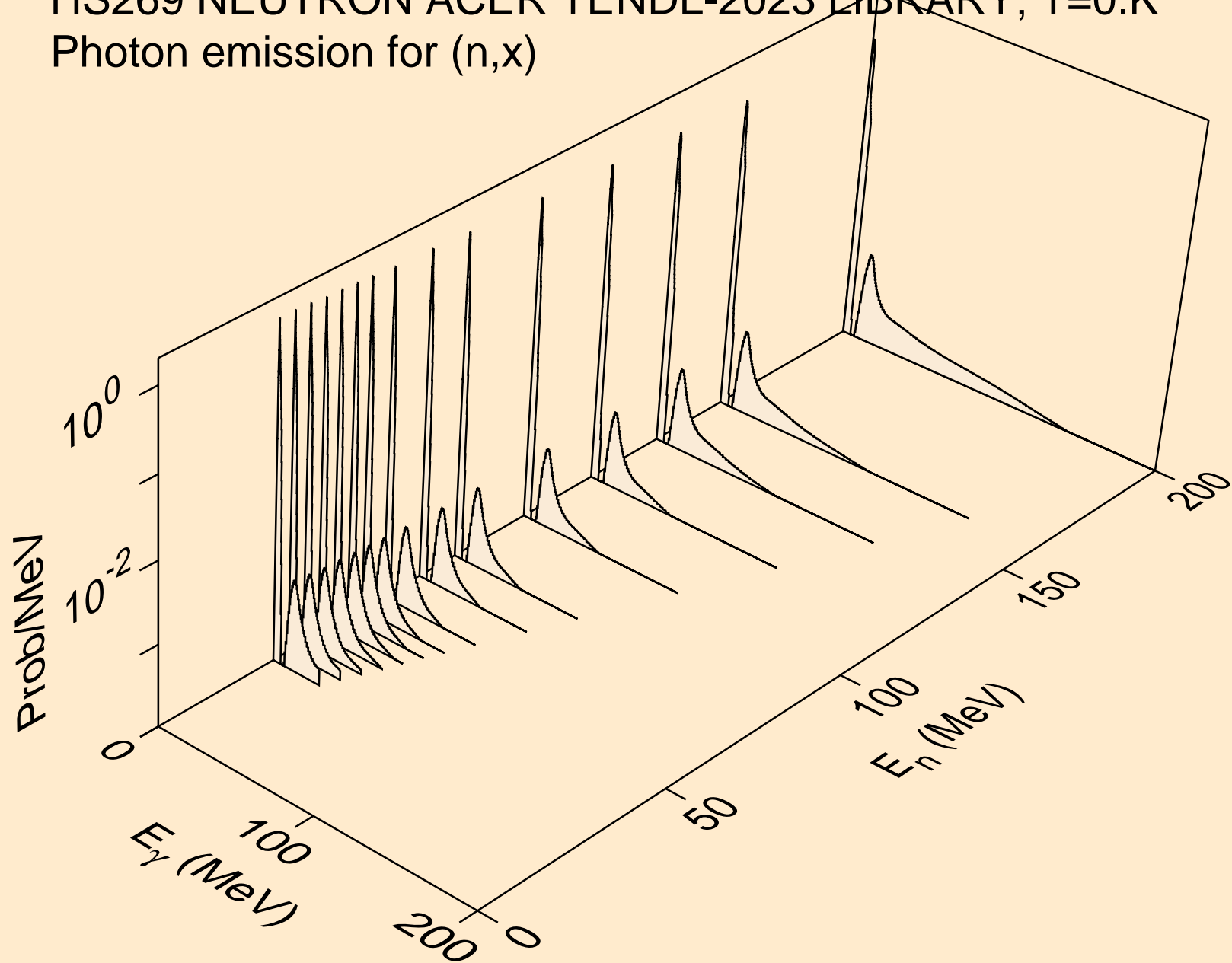


HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

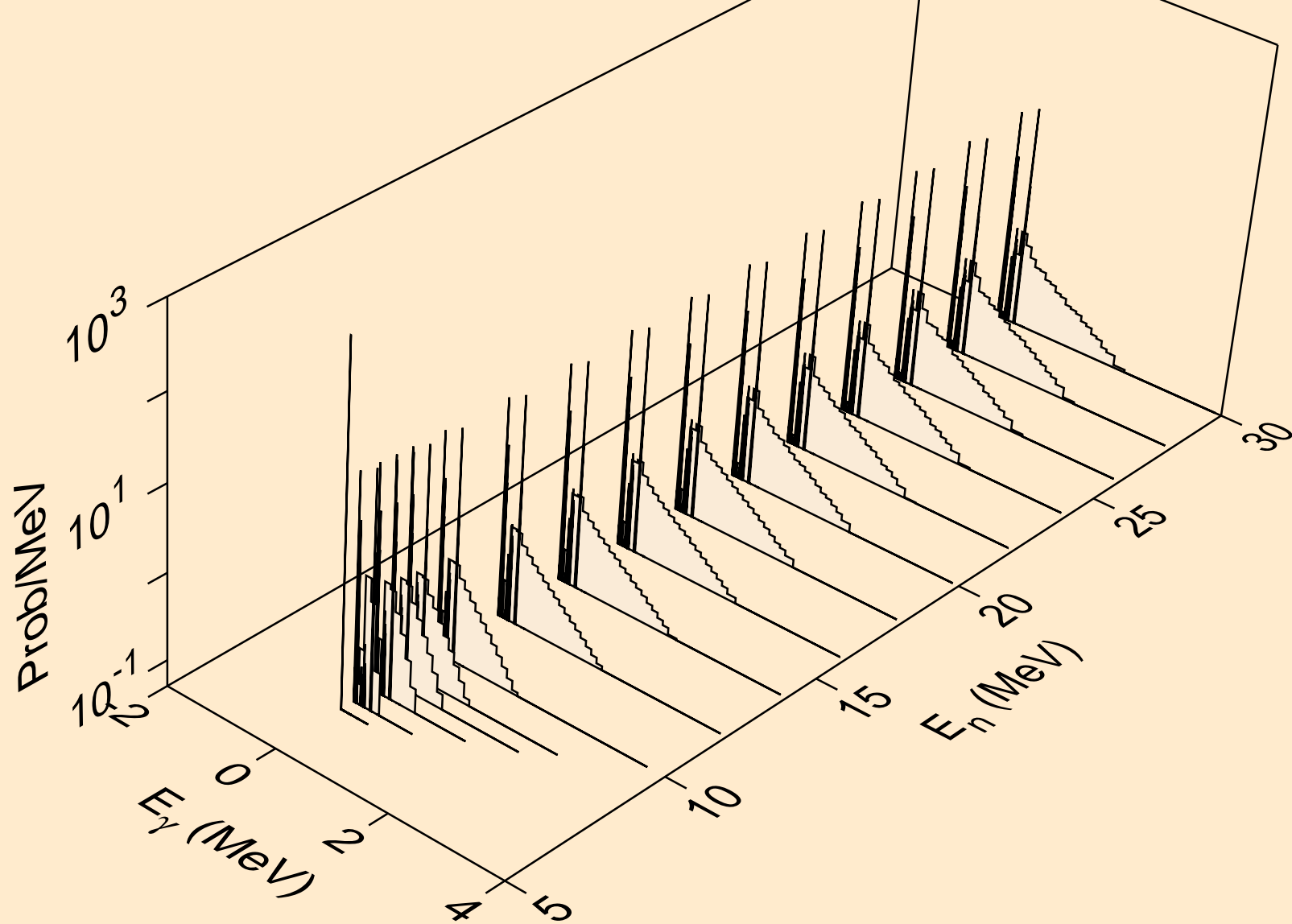
Delayed neutron spectra



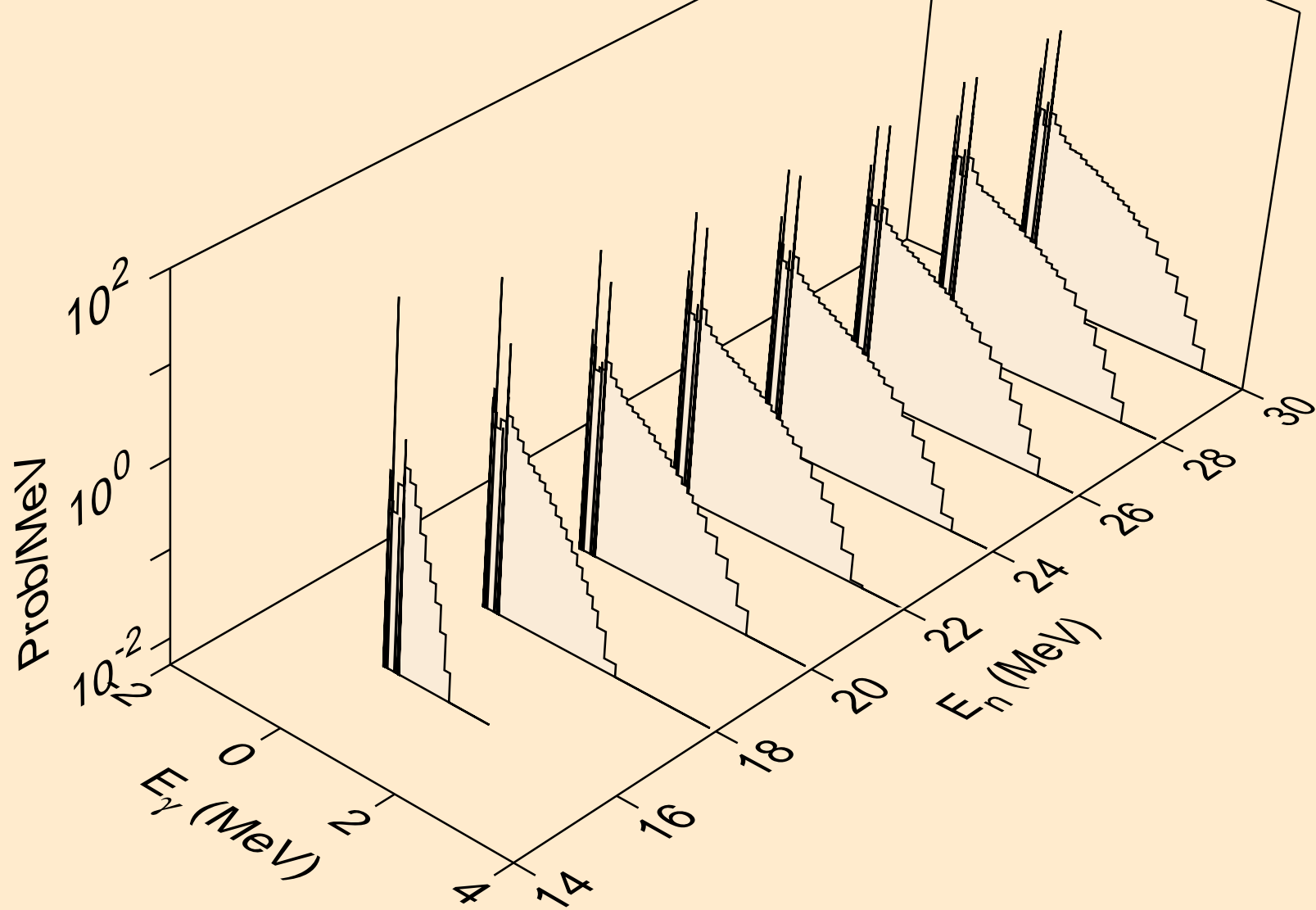
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



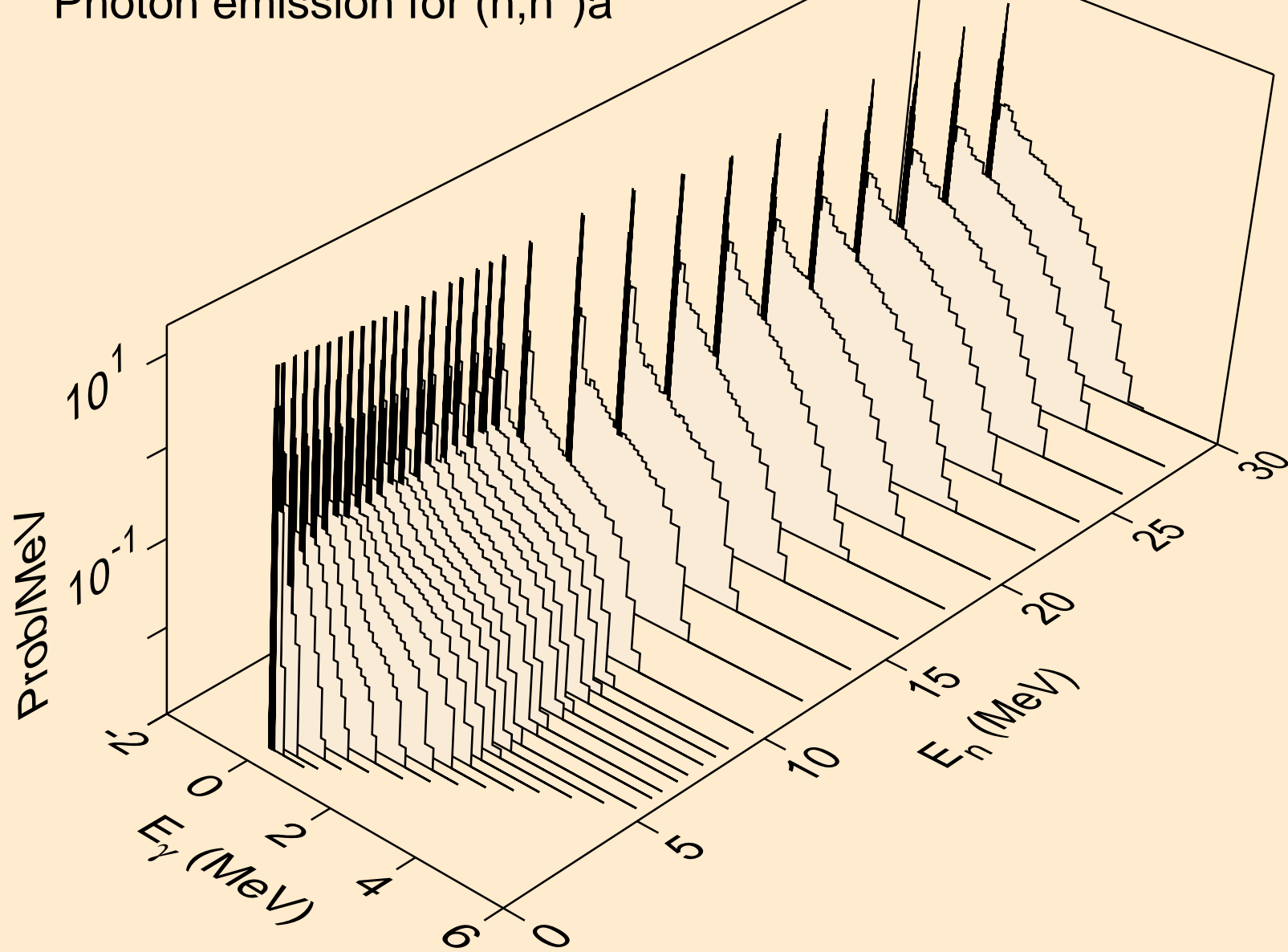
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



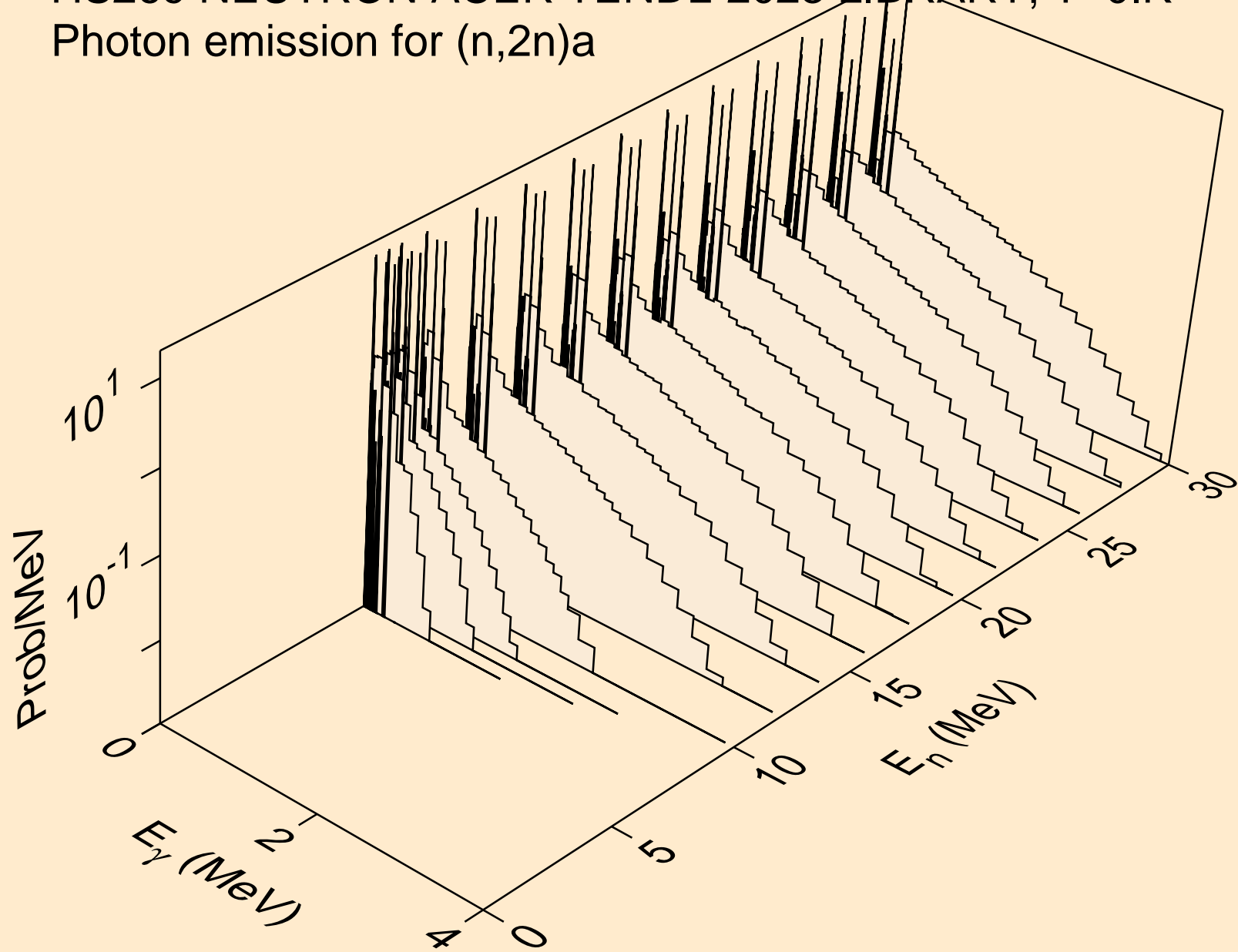
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



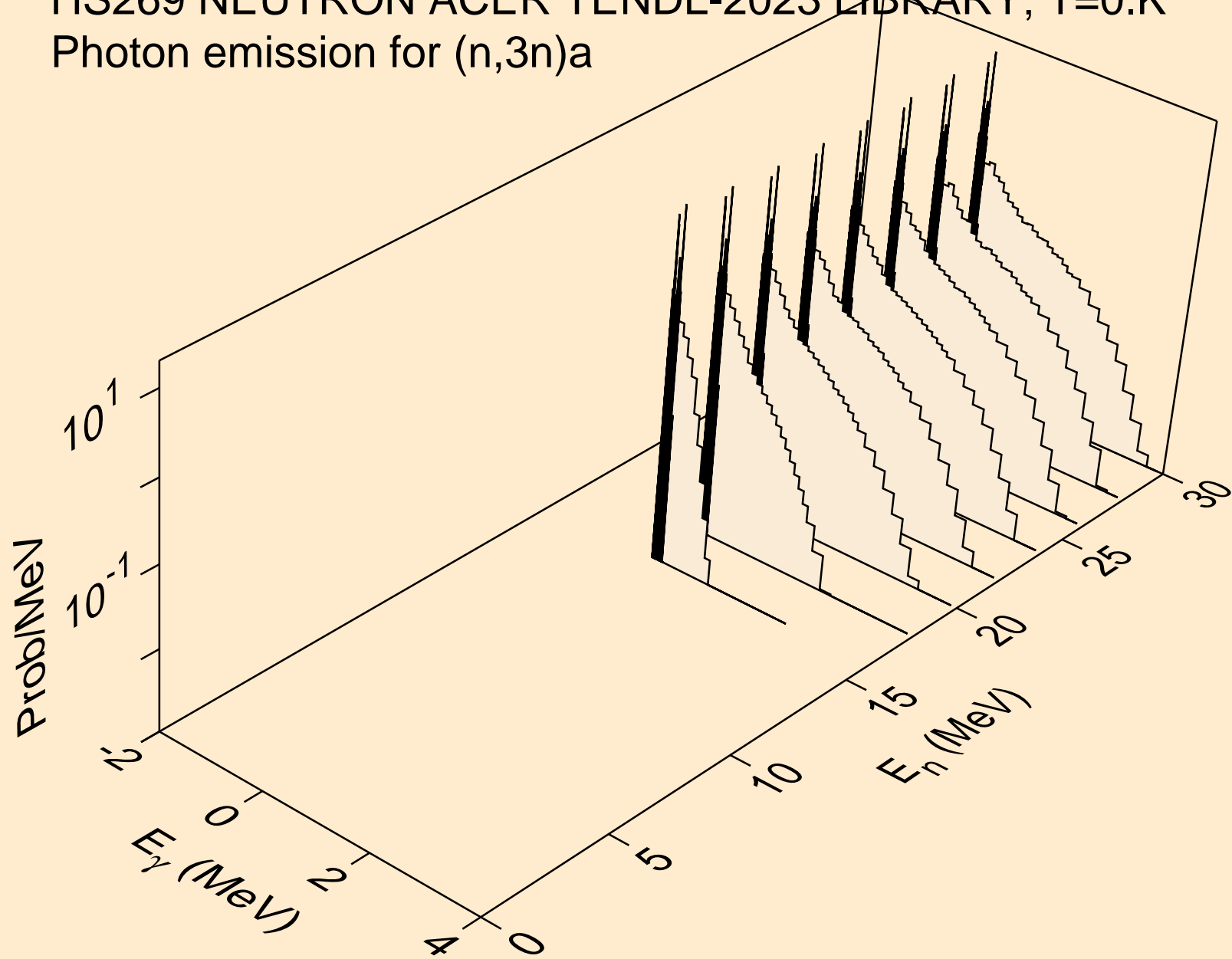
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



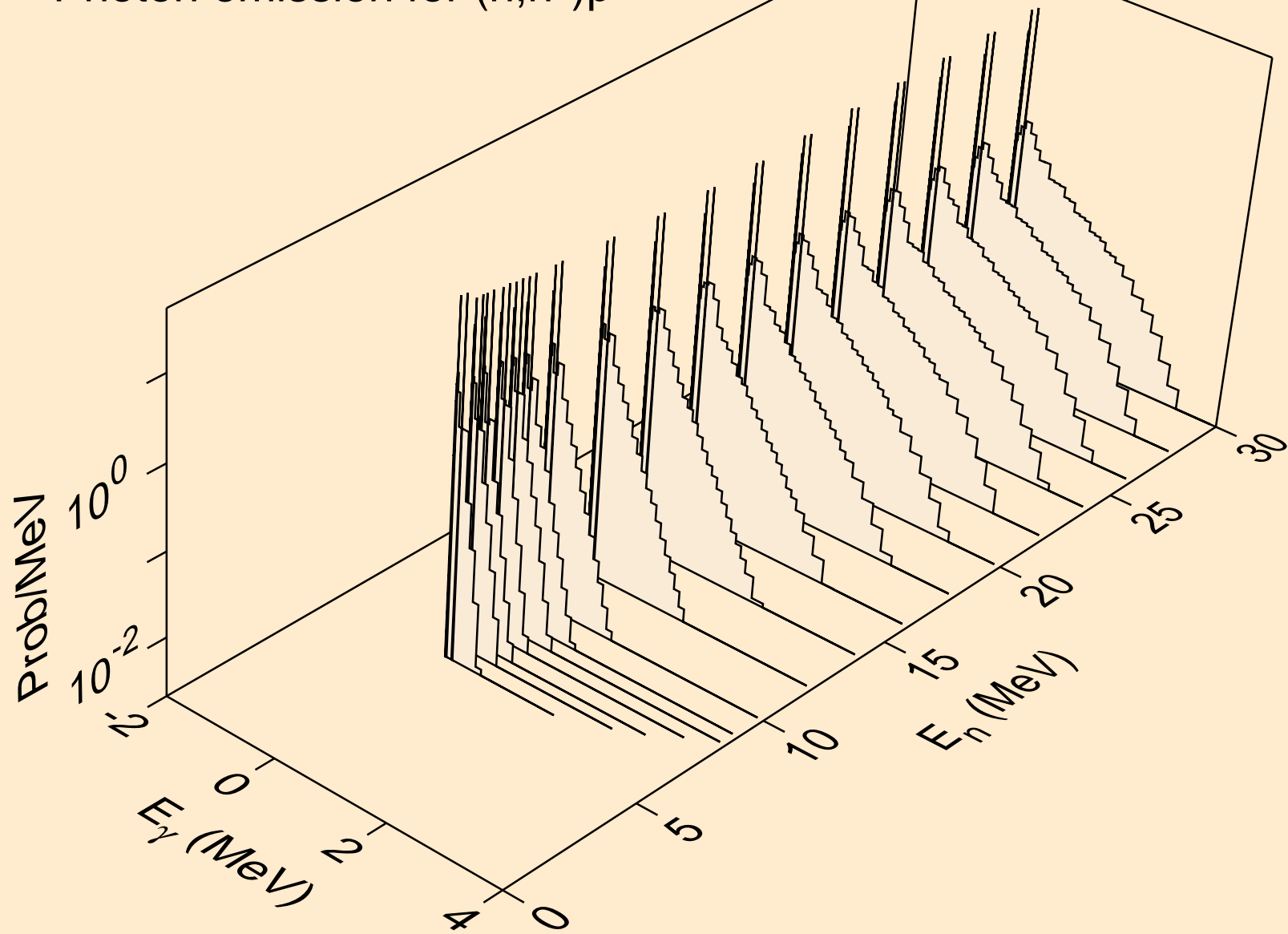
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



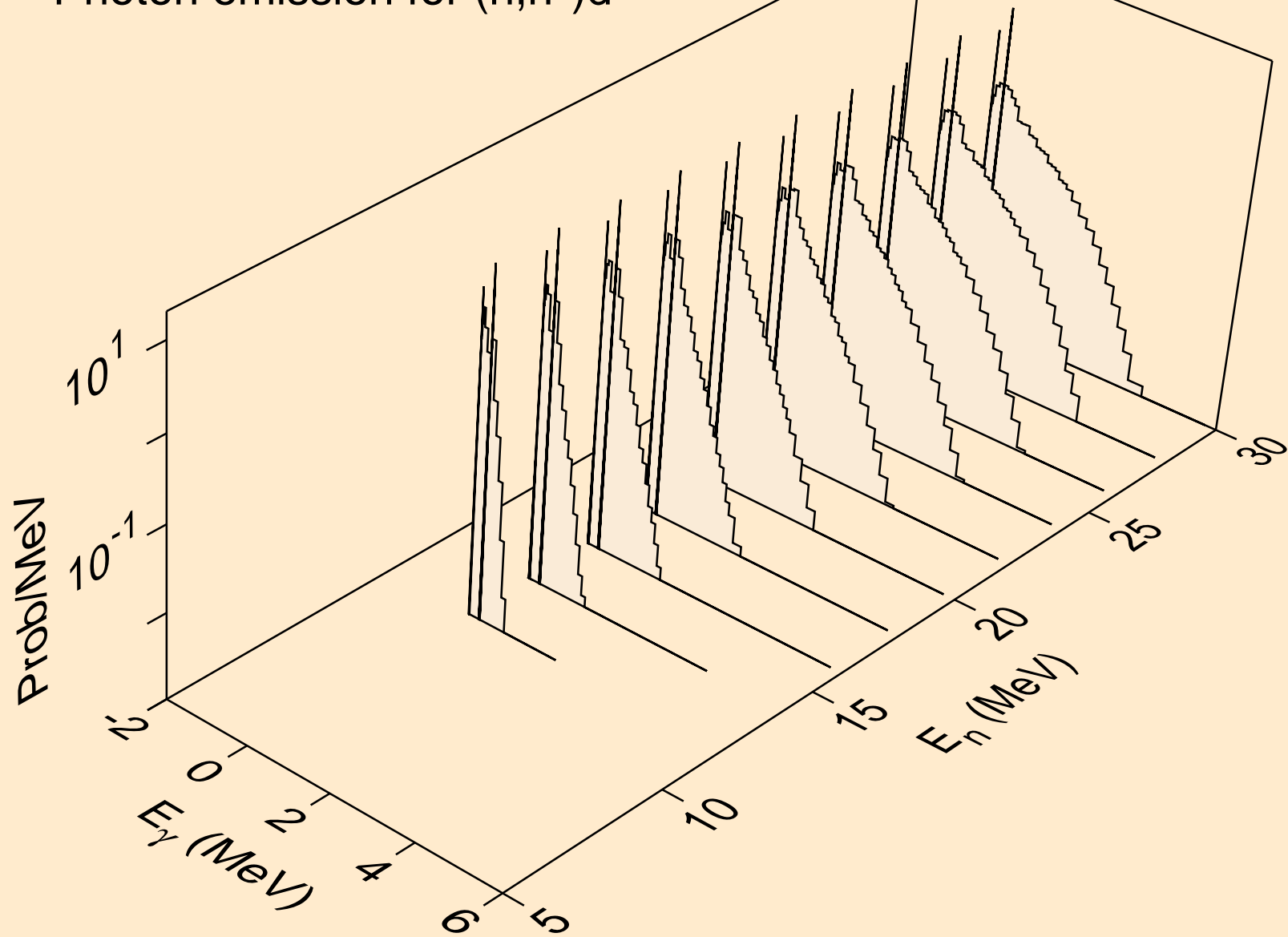
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



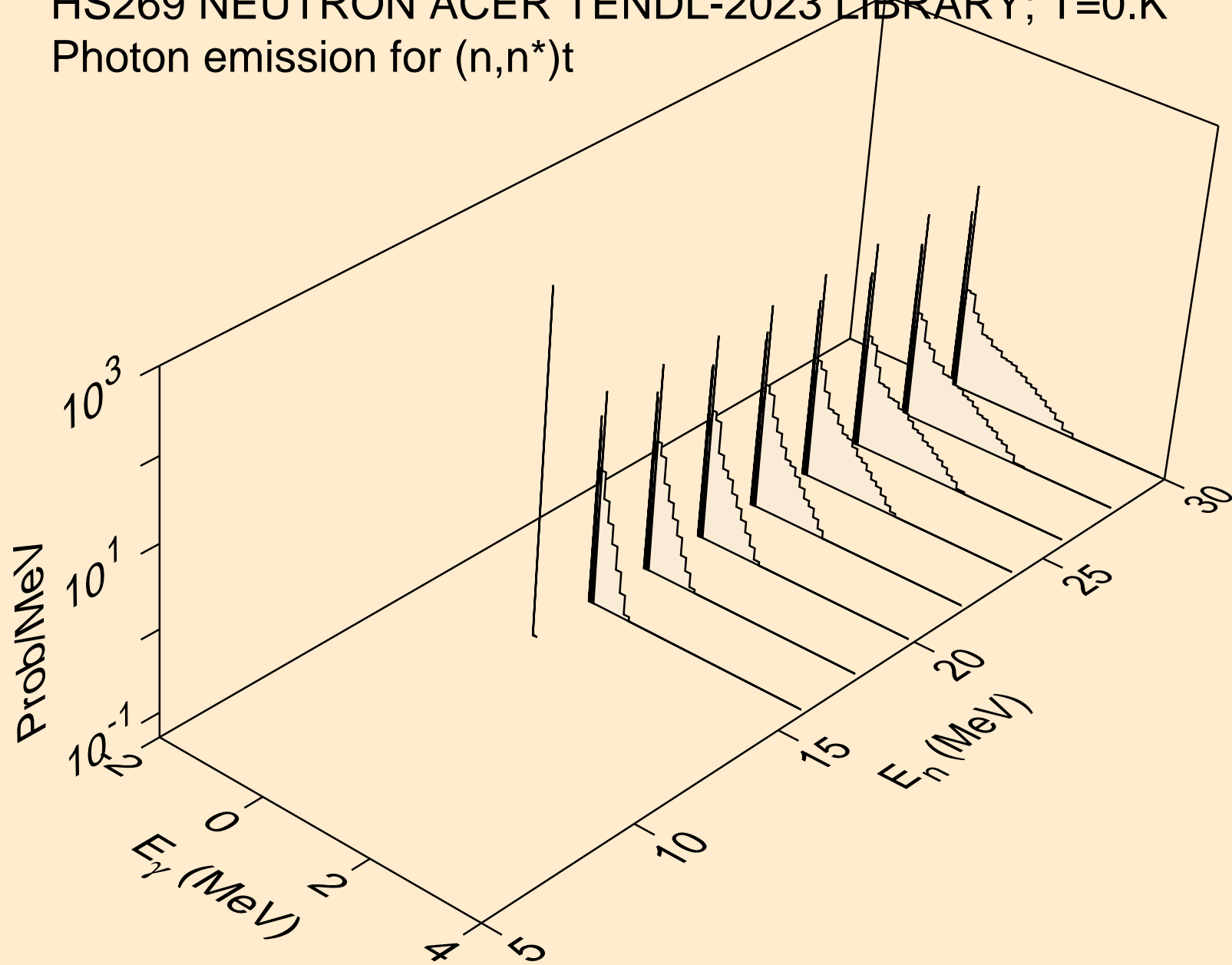
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



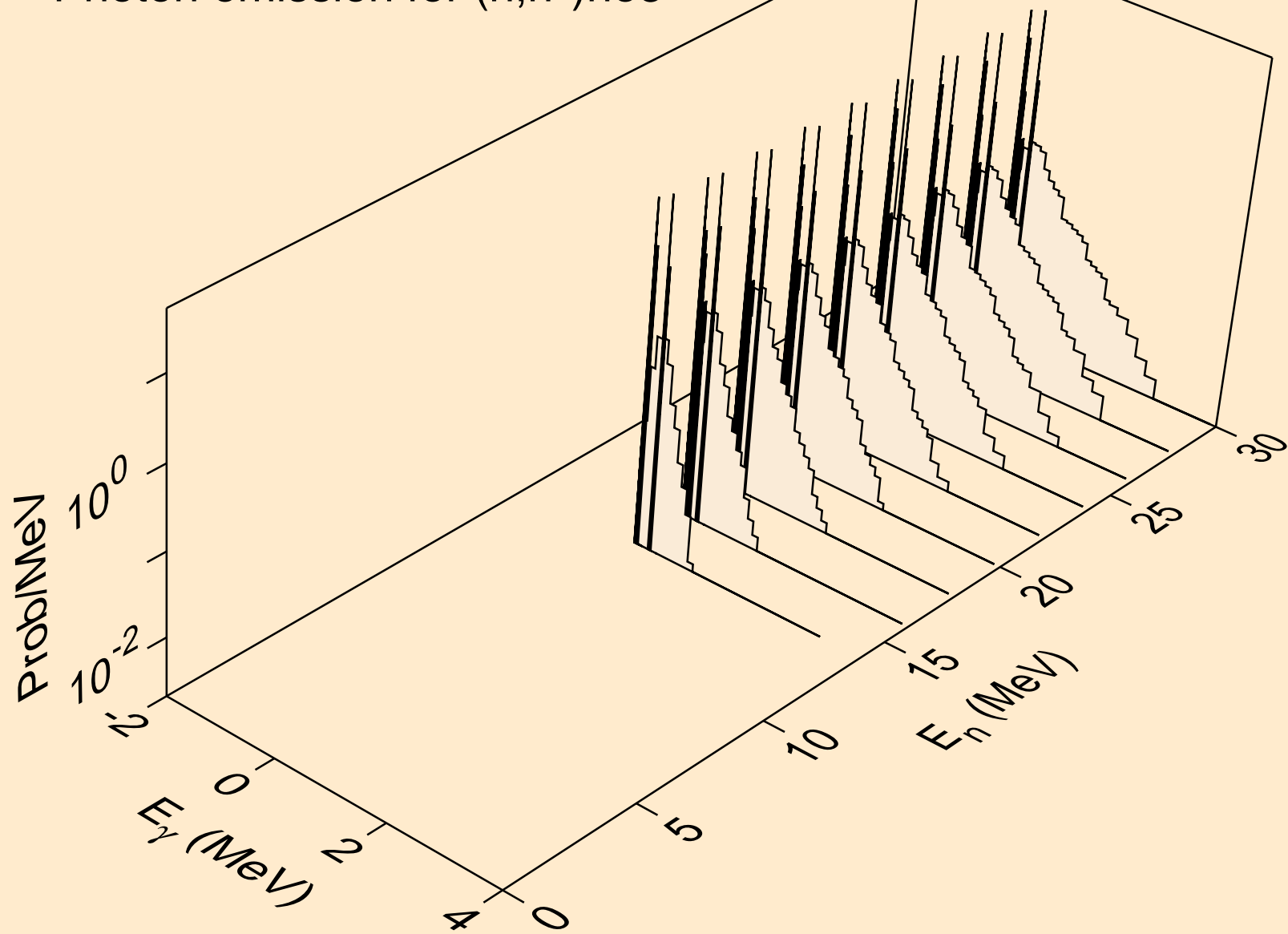
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



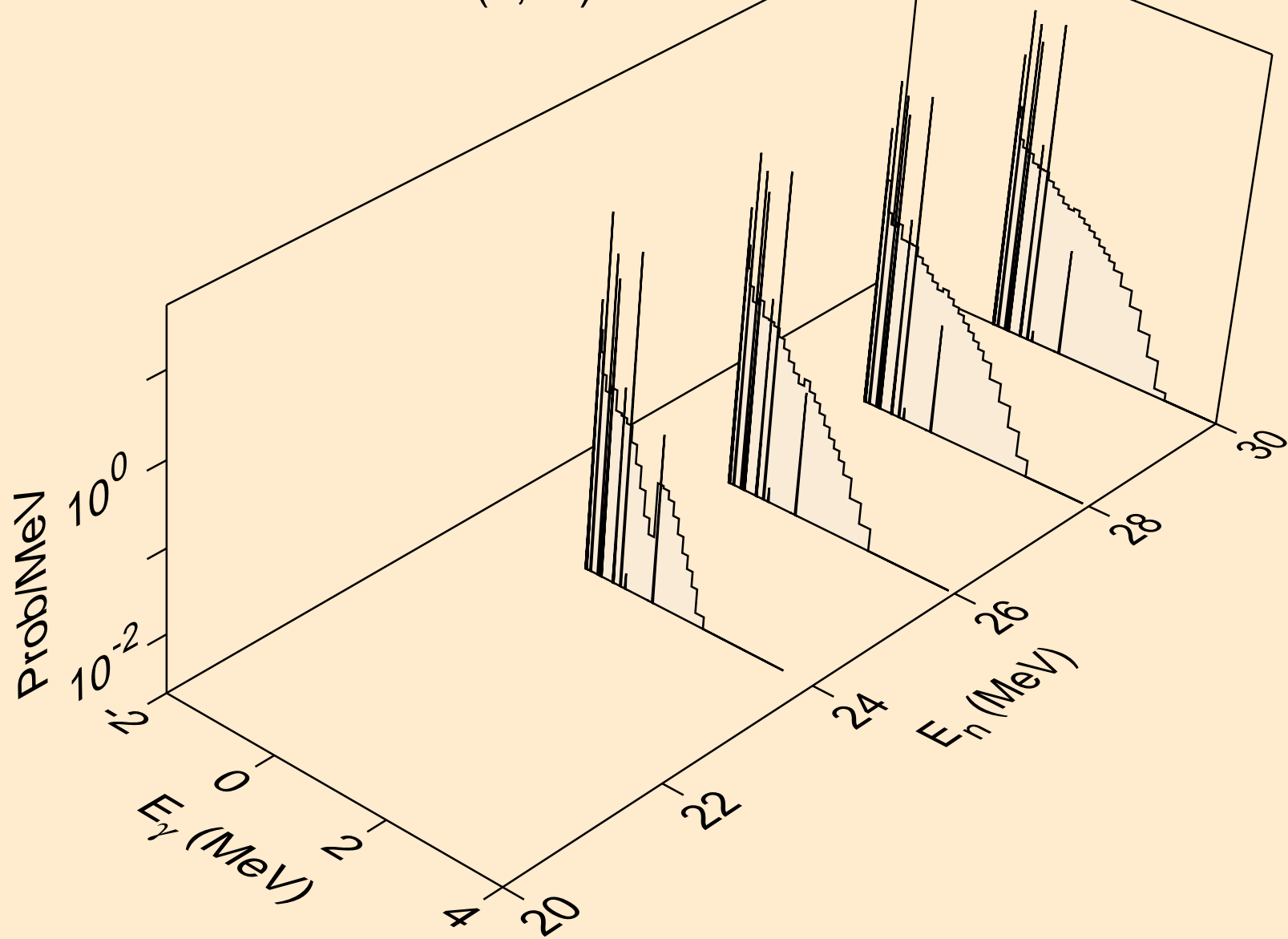
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



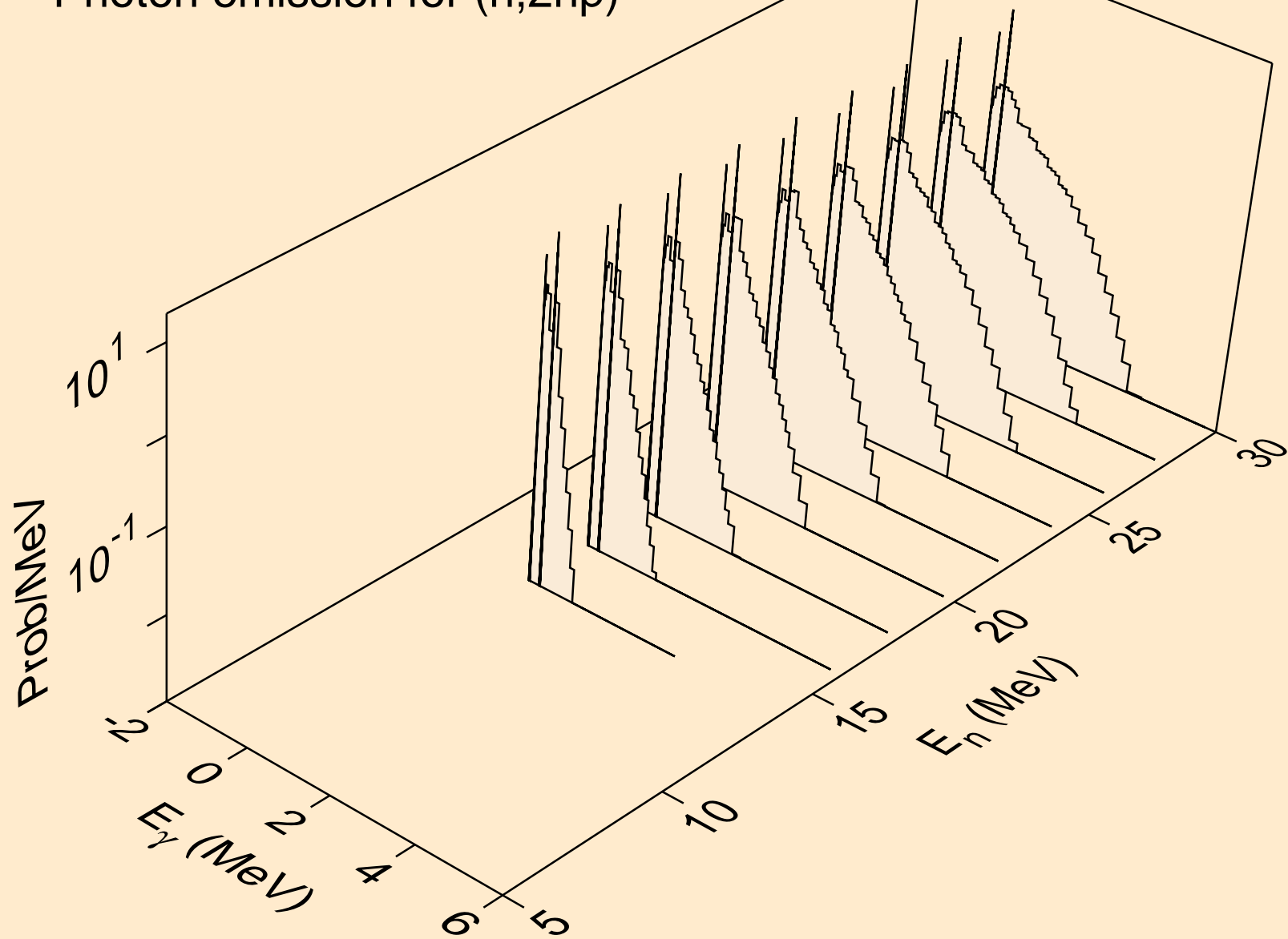
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



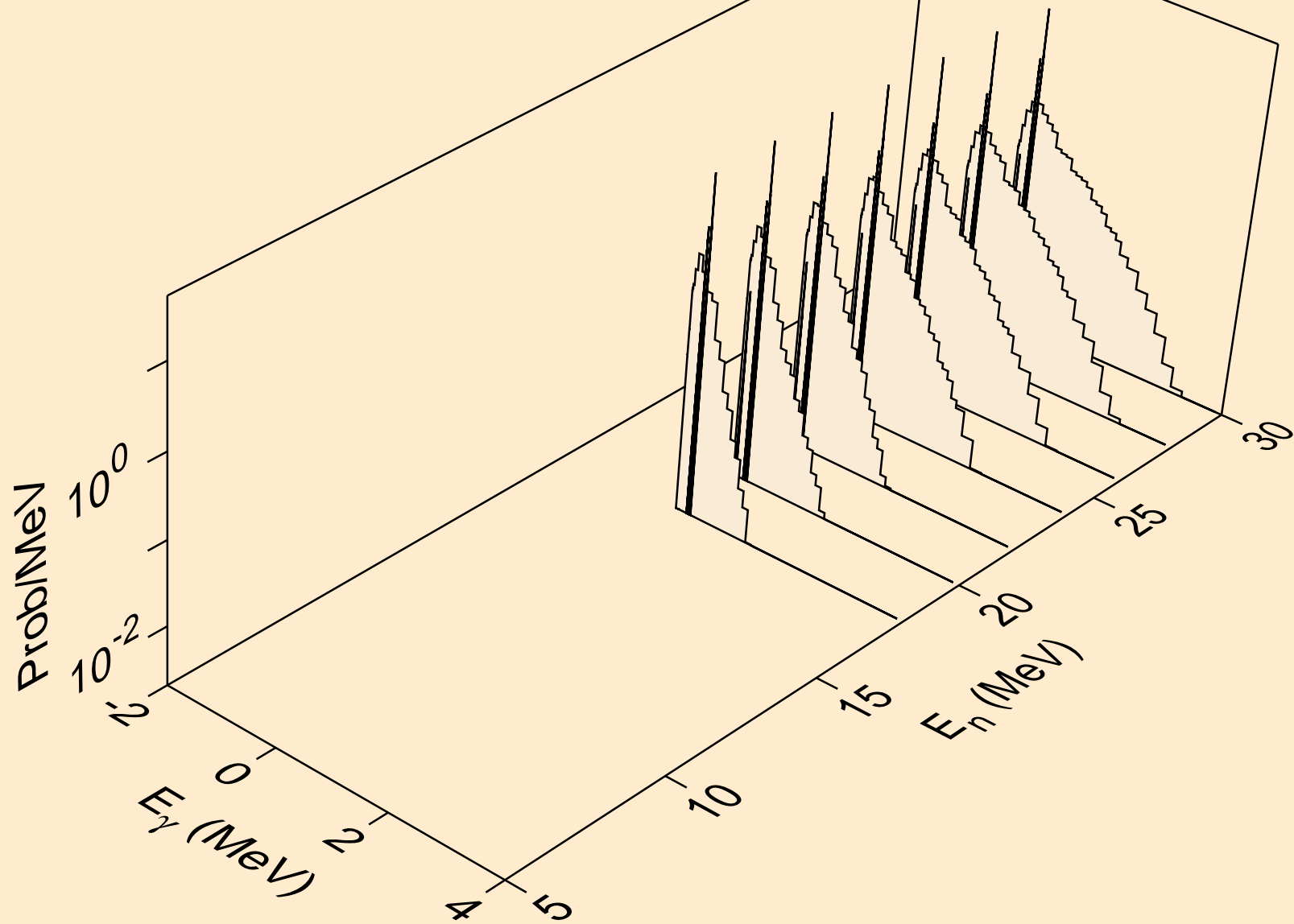
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



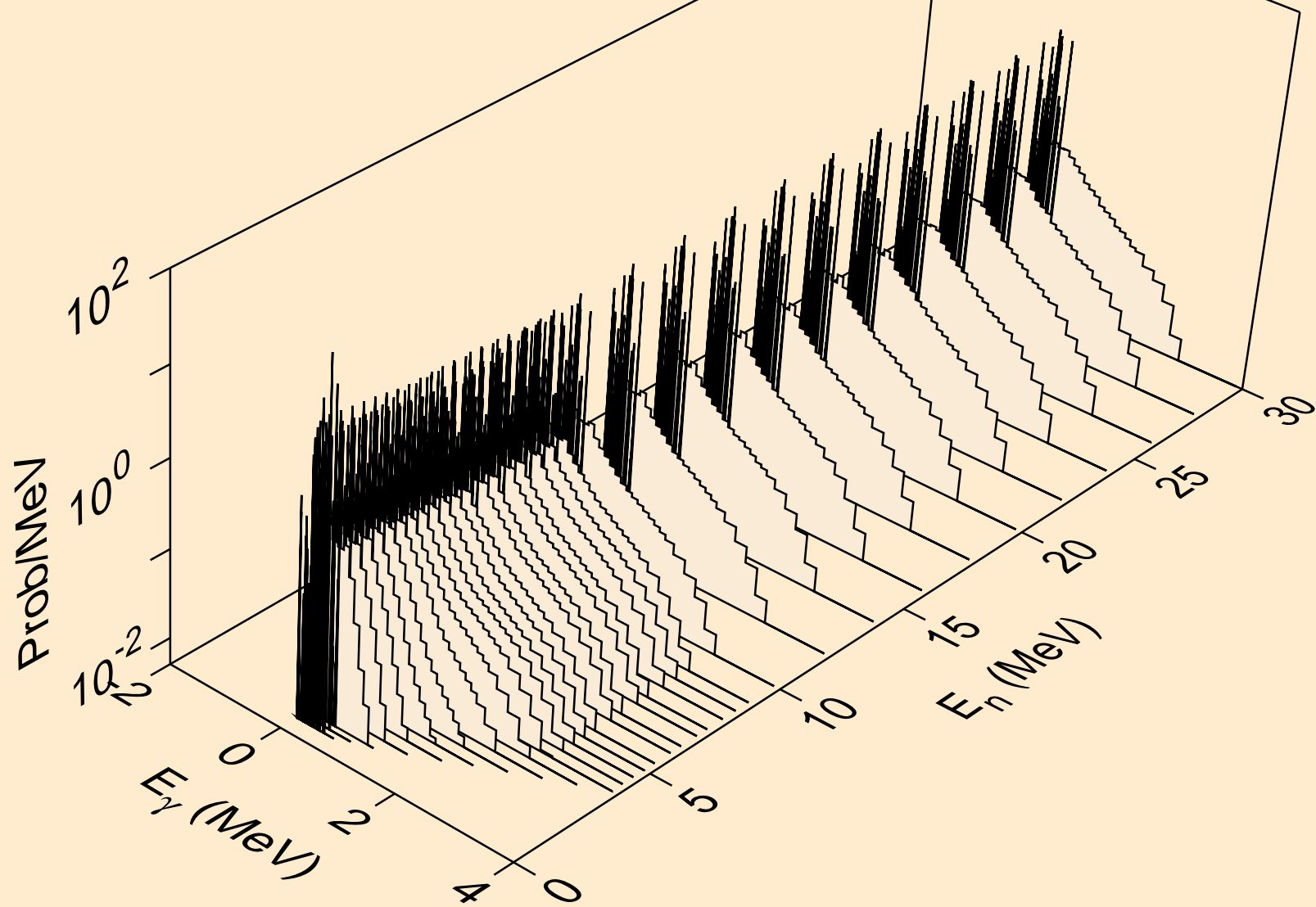
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



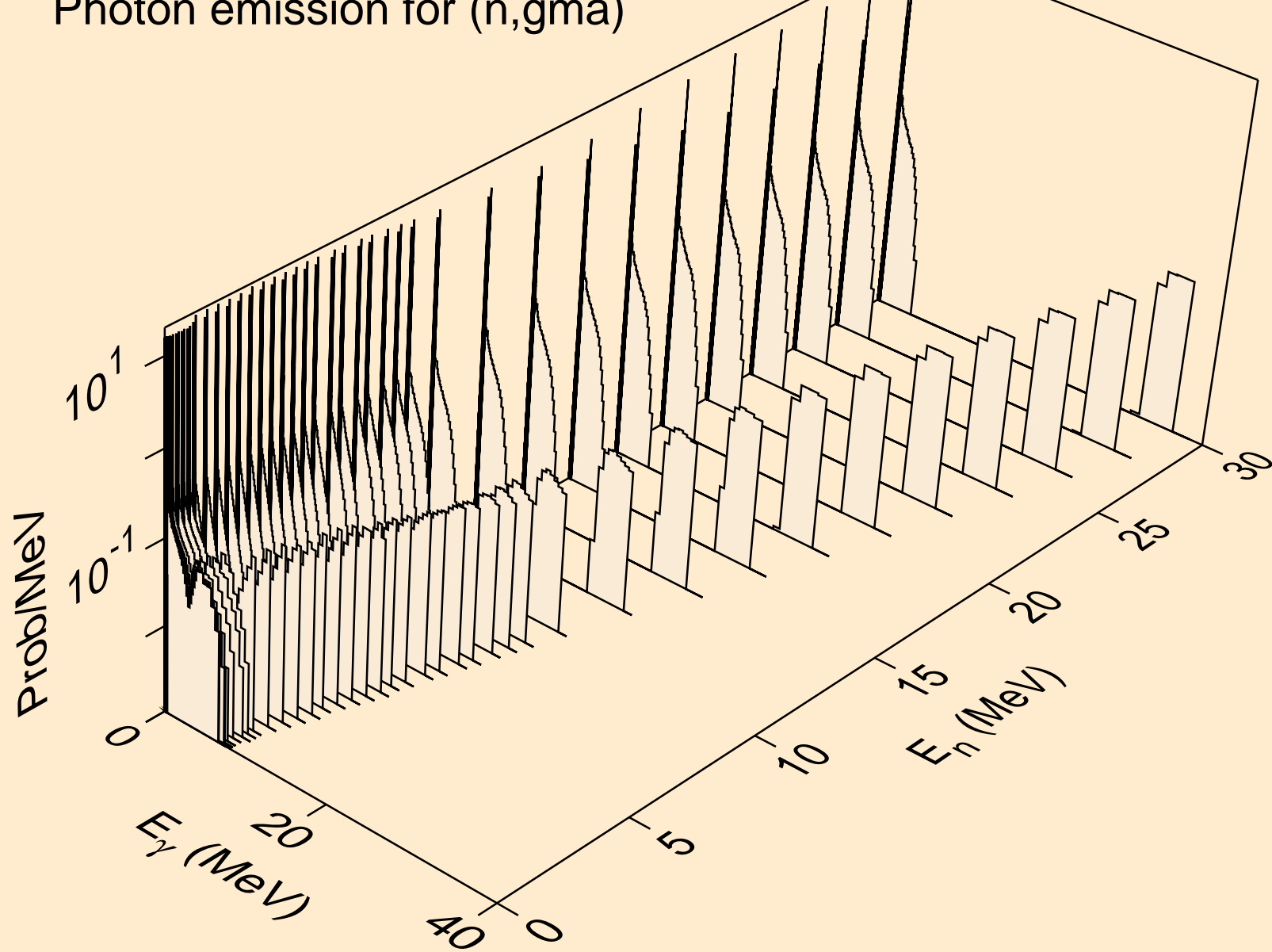
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



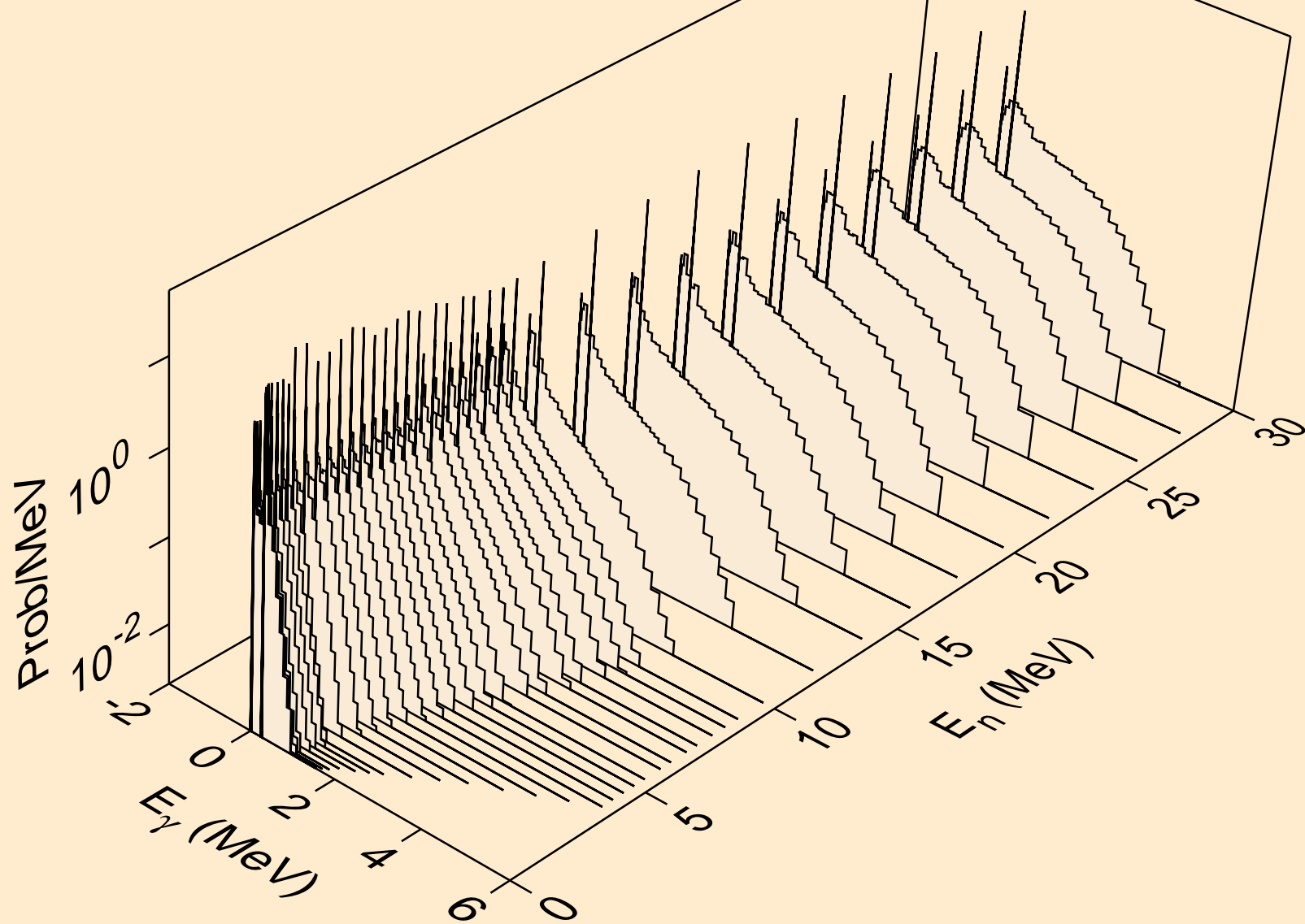
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



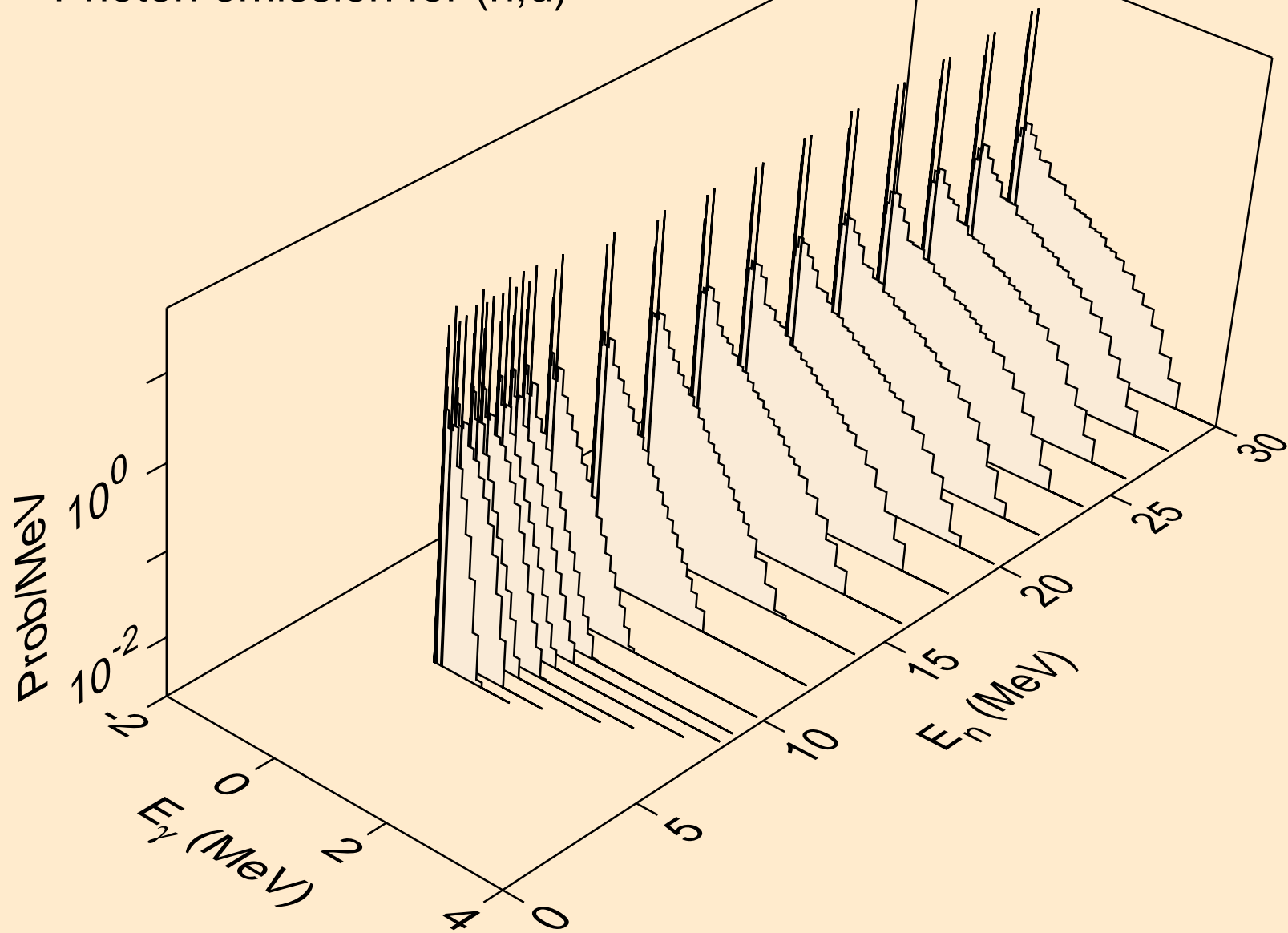
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



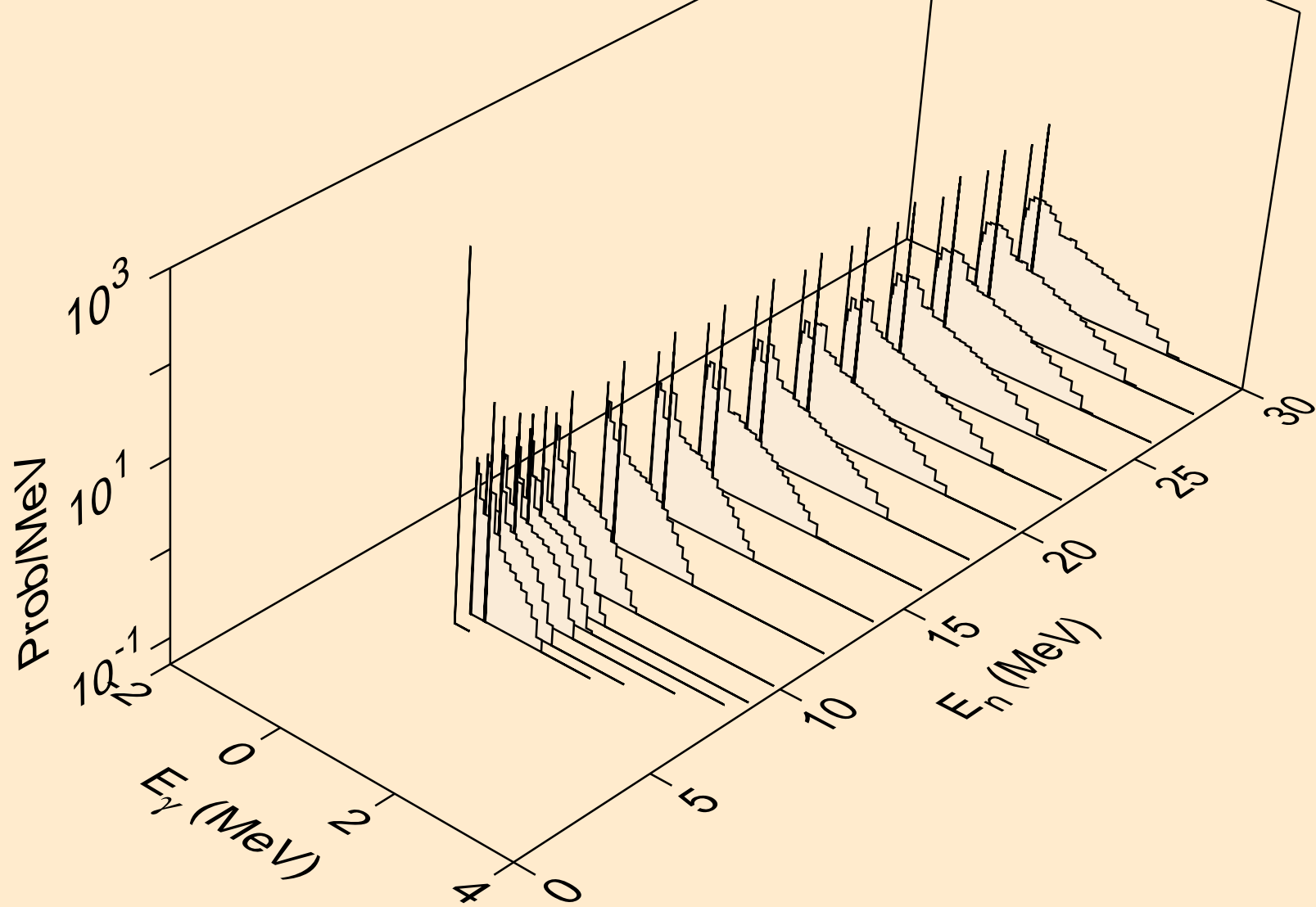
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



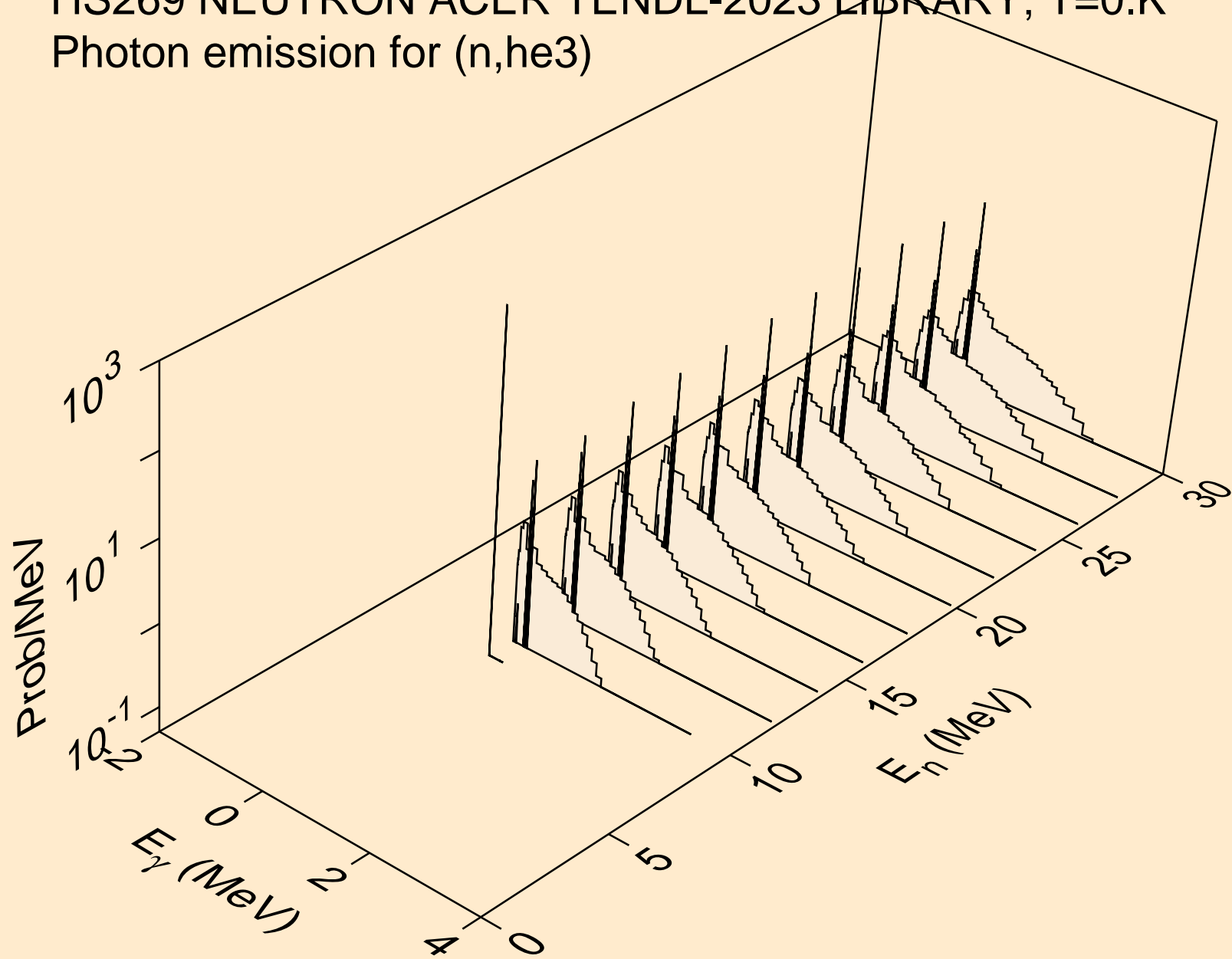
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



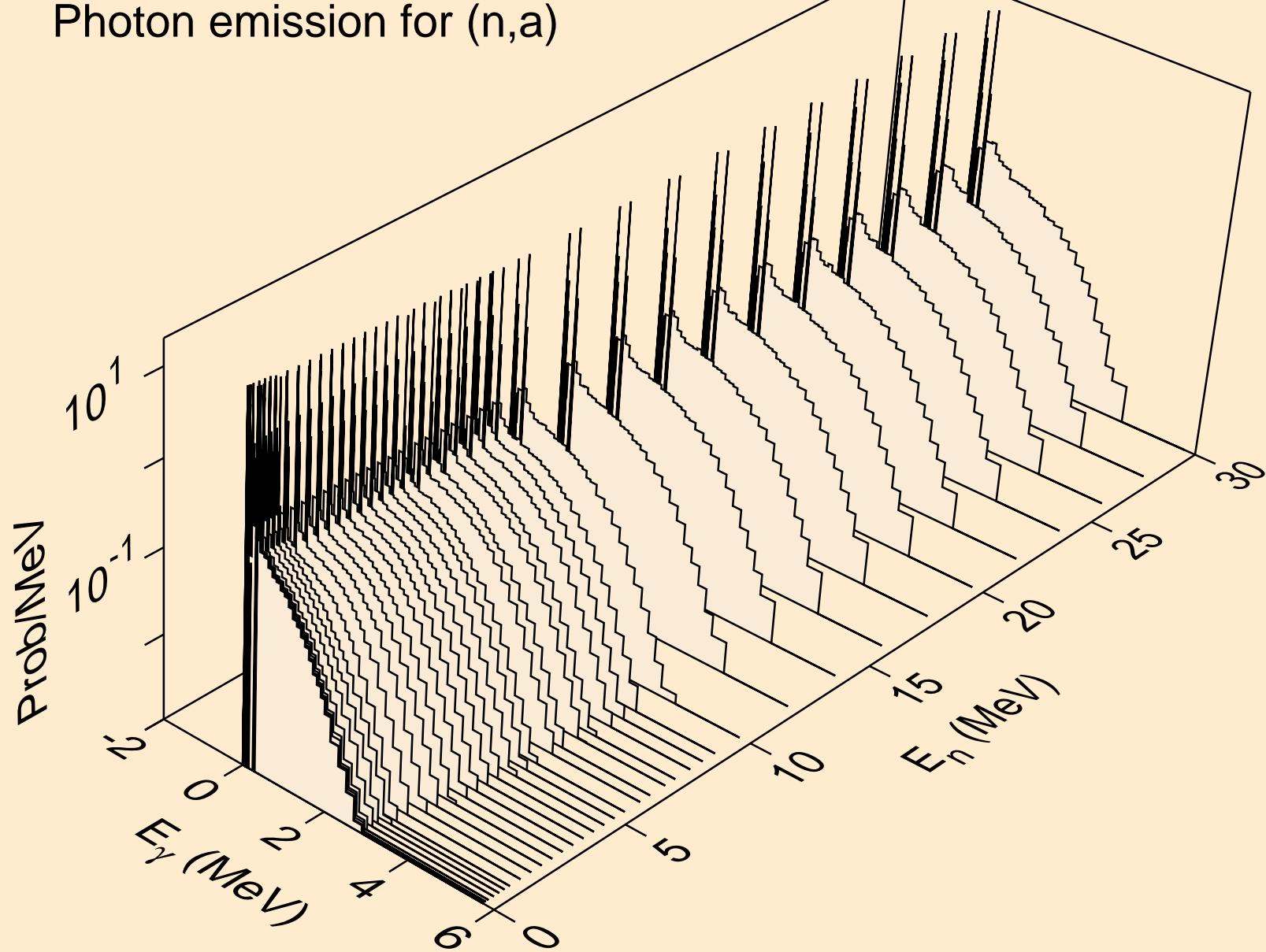
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



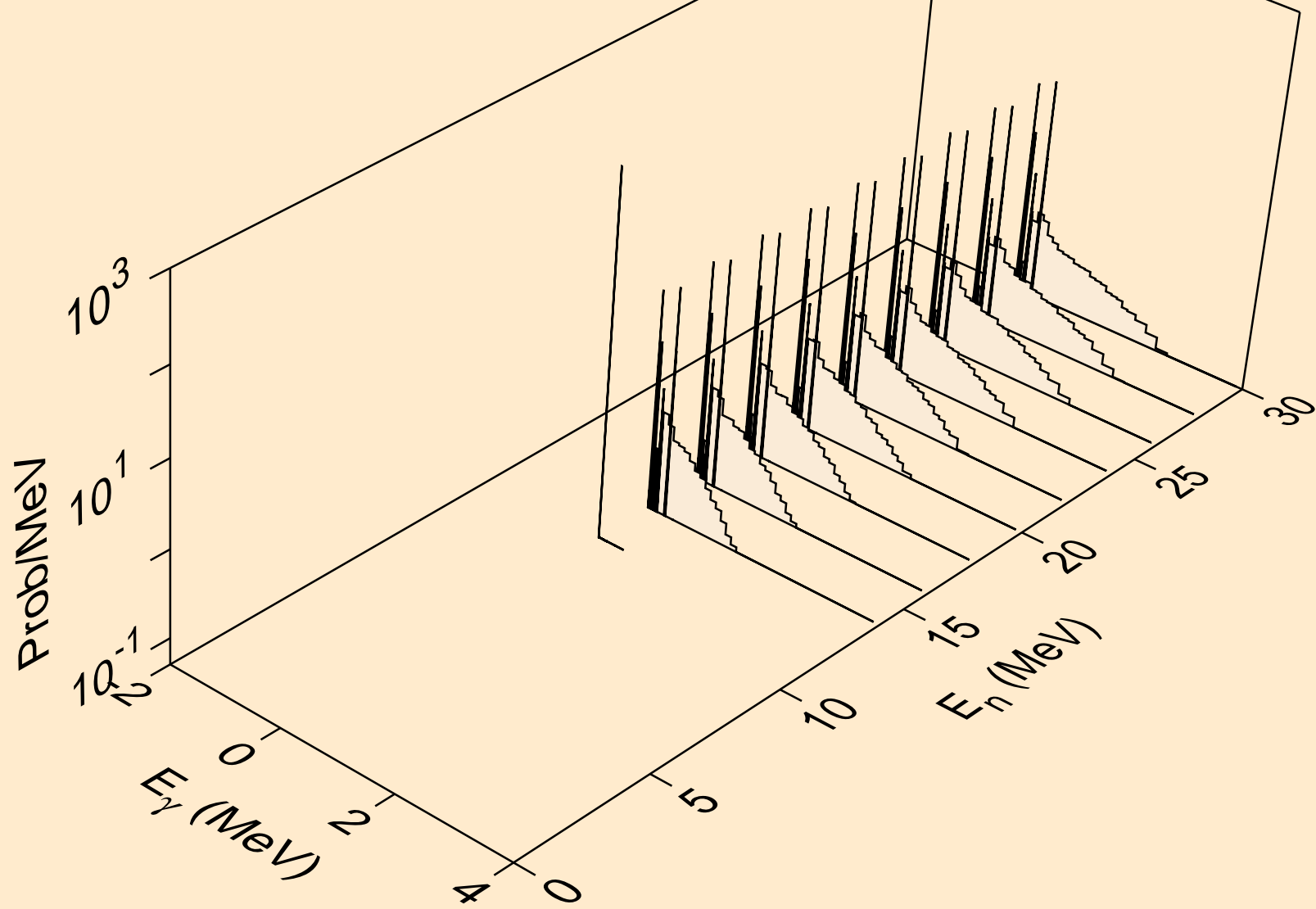
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



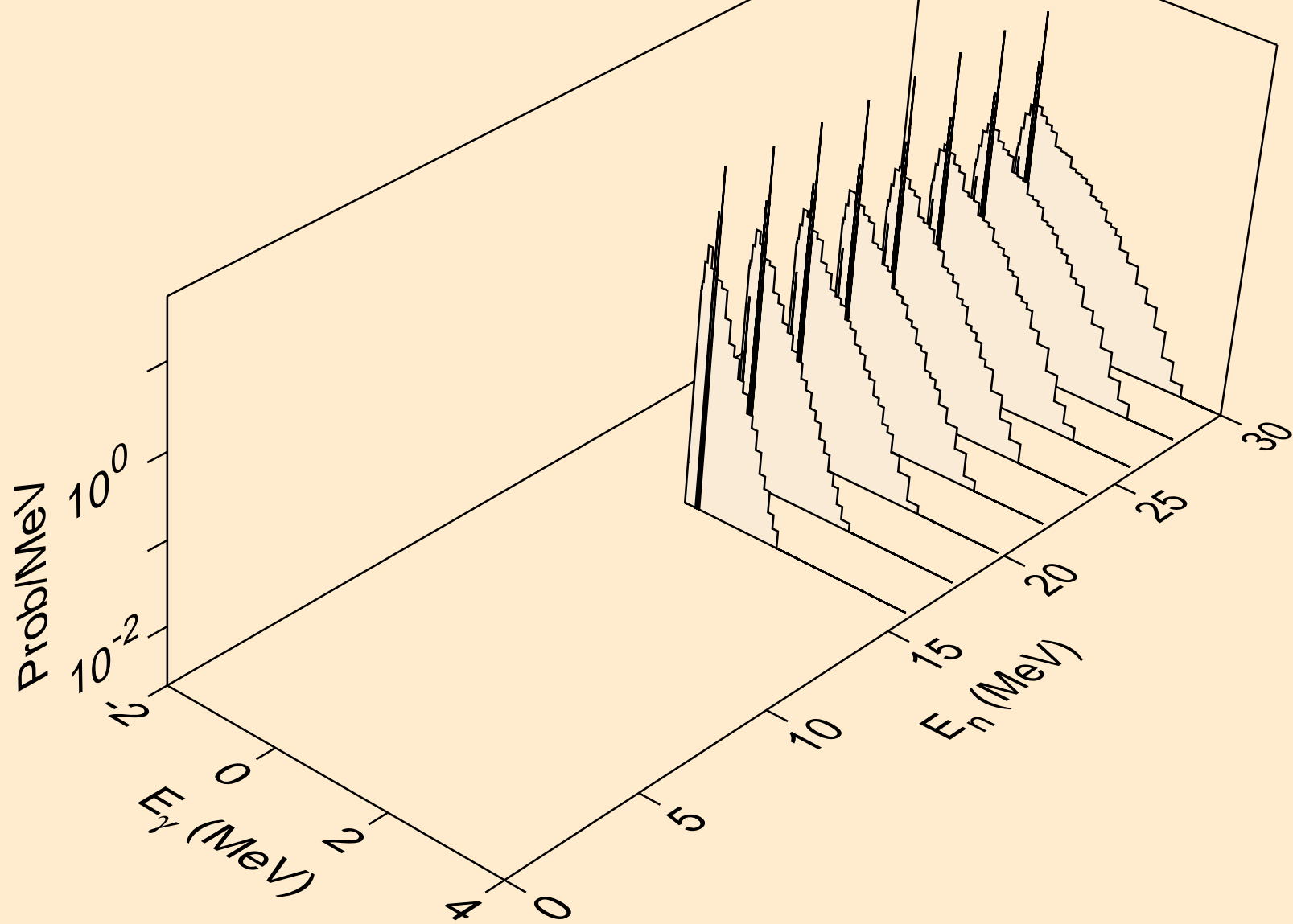
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



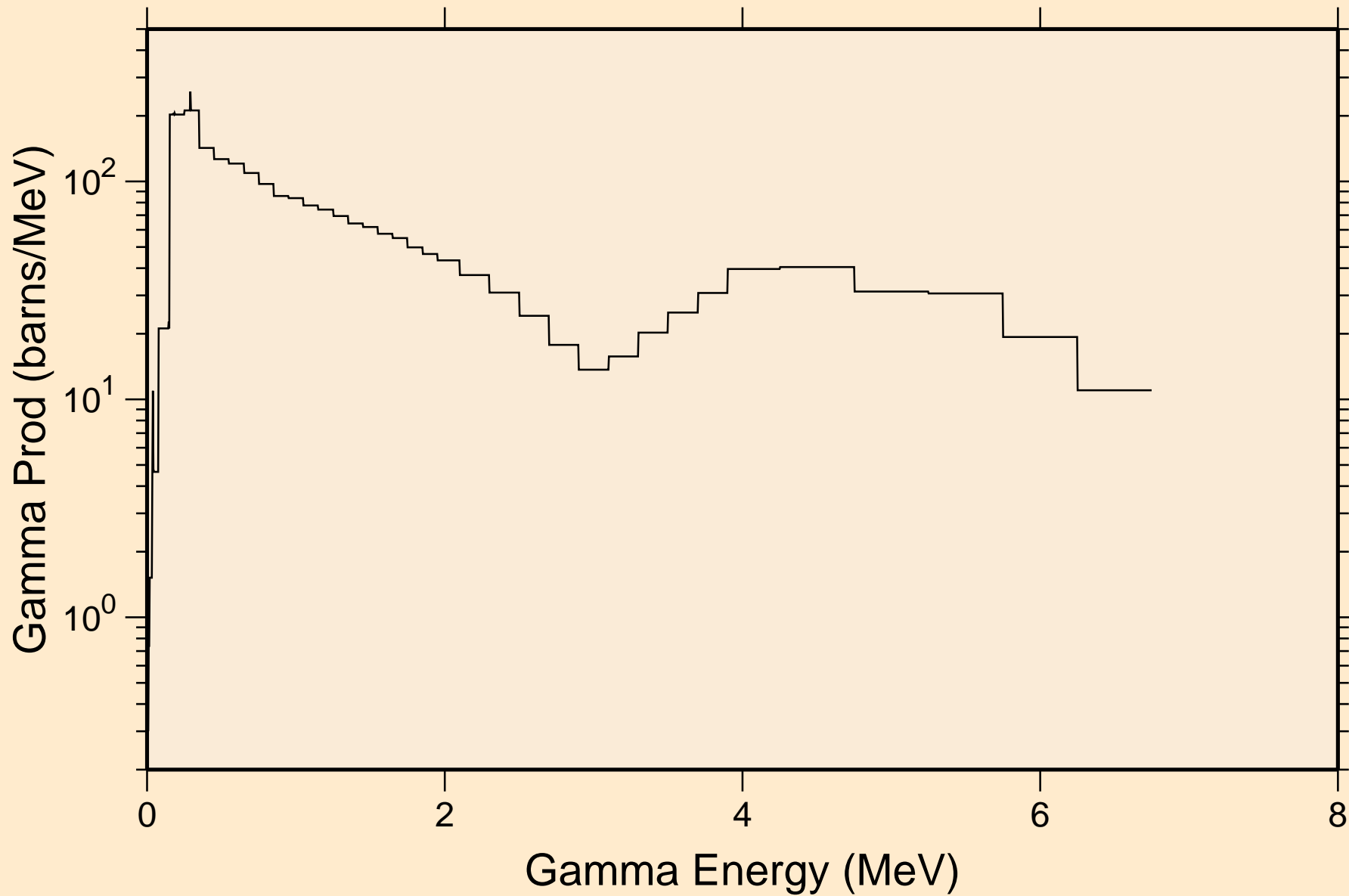
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



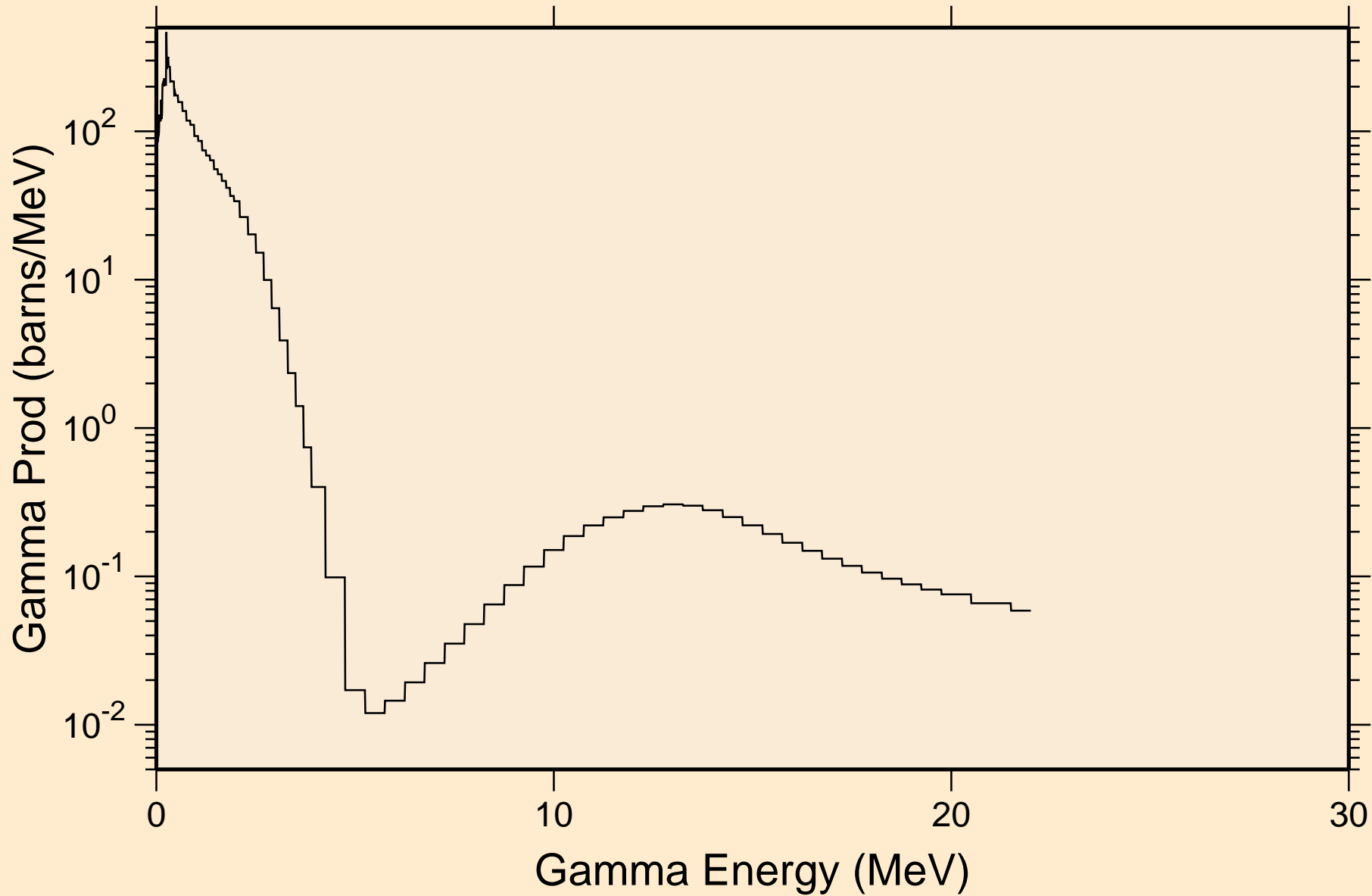
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

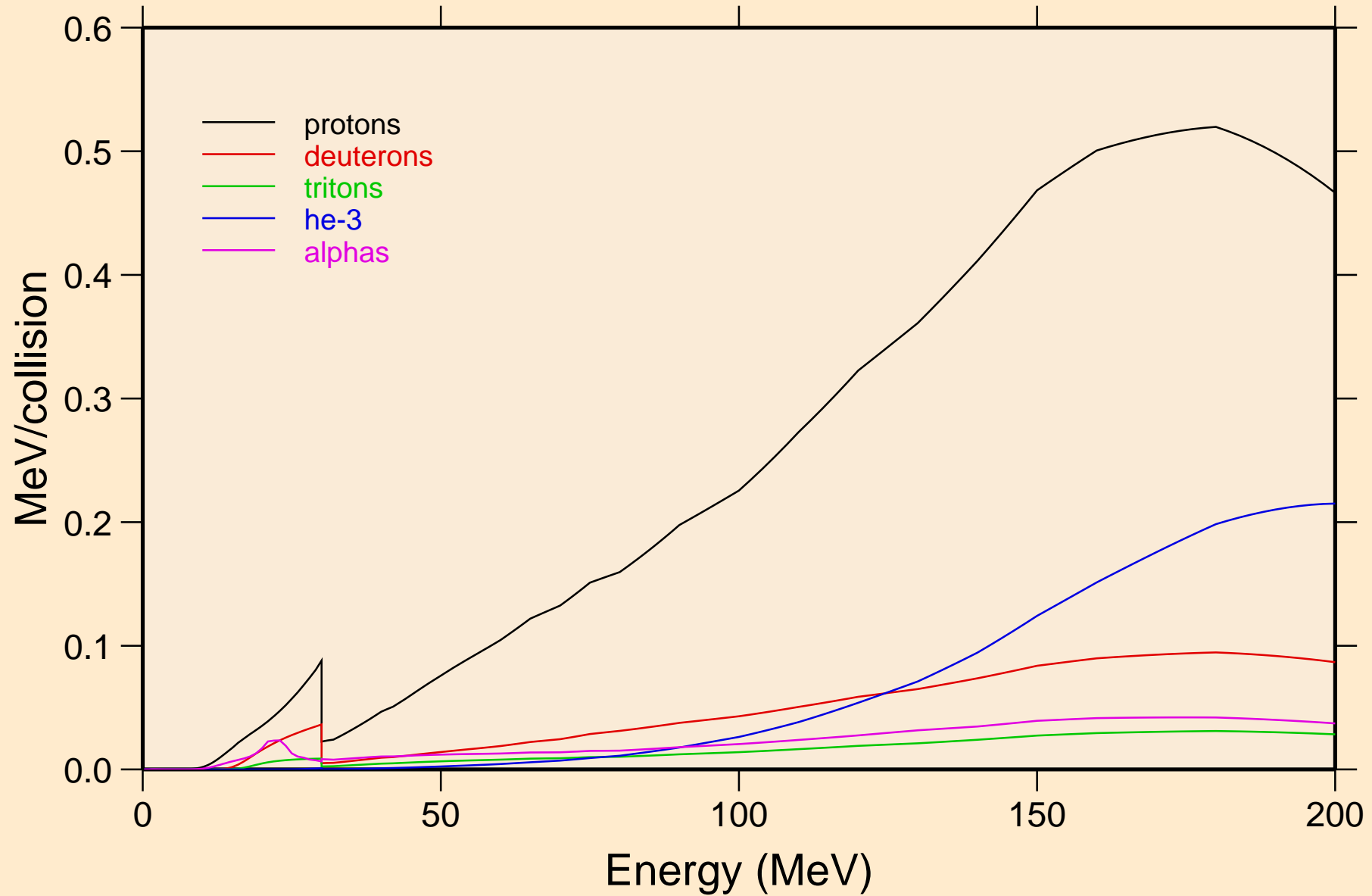


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14 MeV photon spectrum



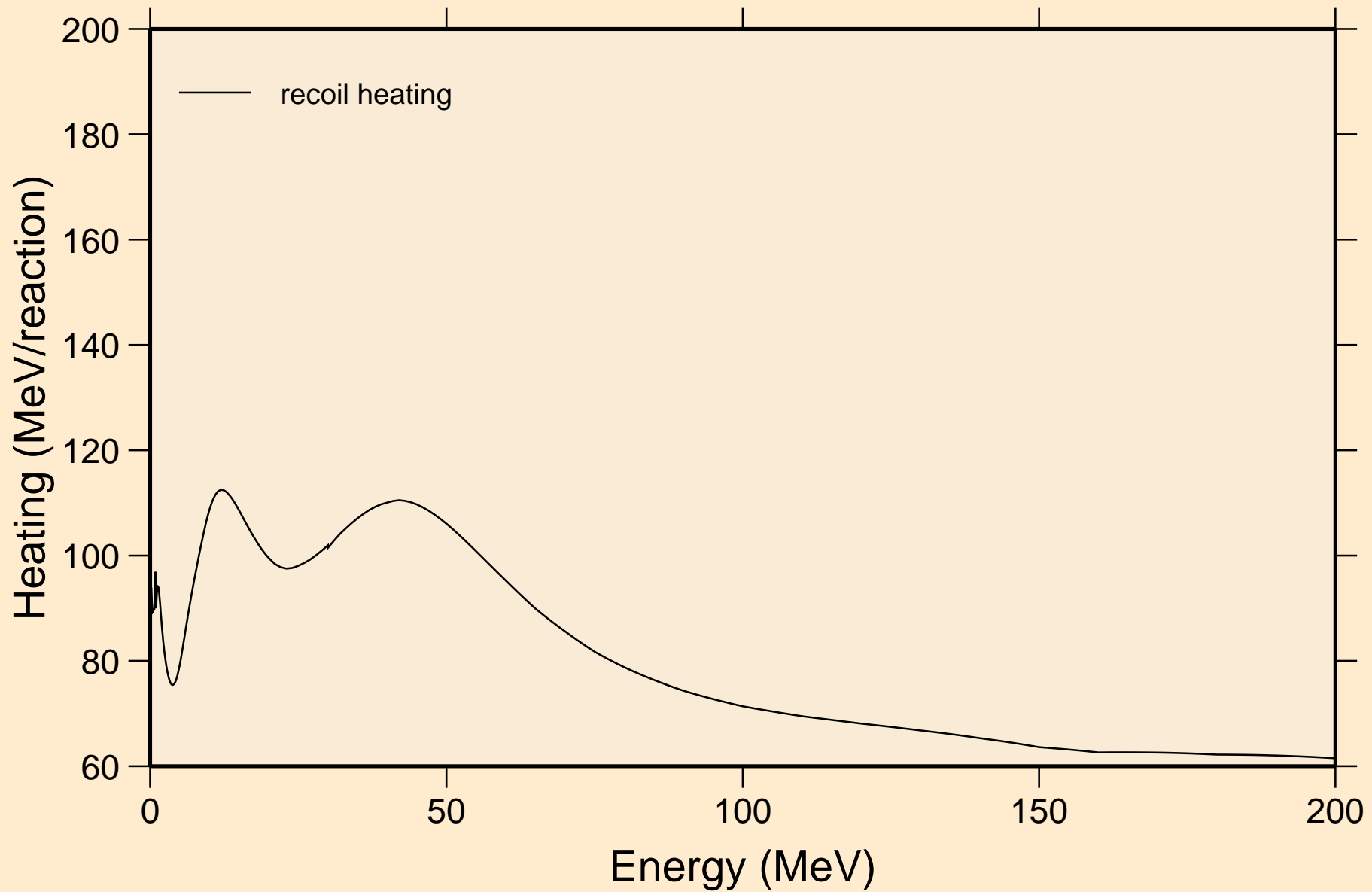
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Particle heating contributions



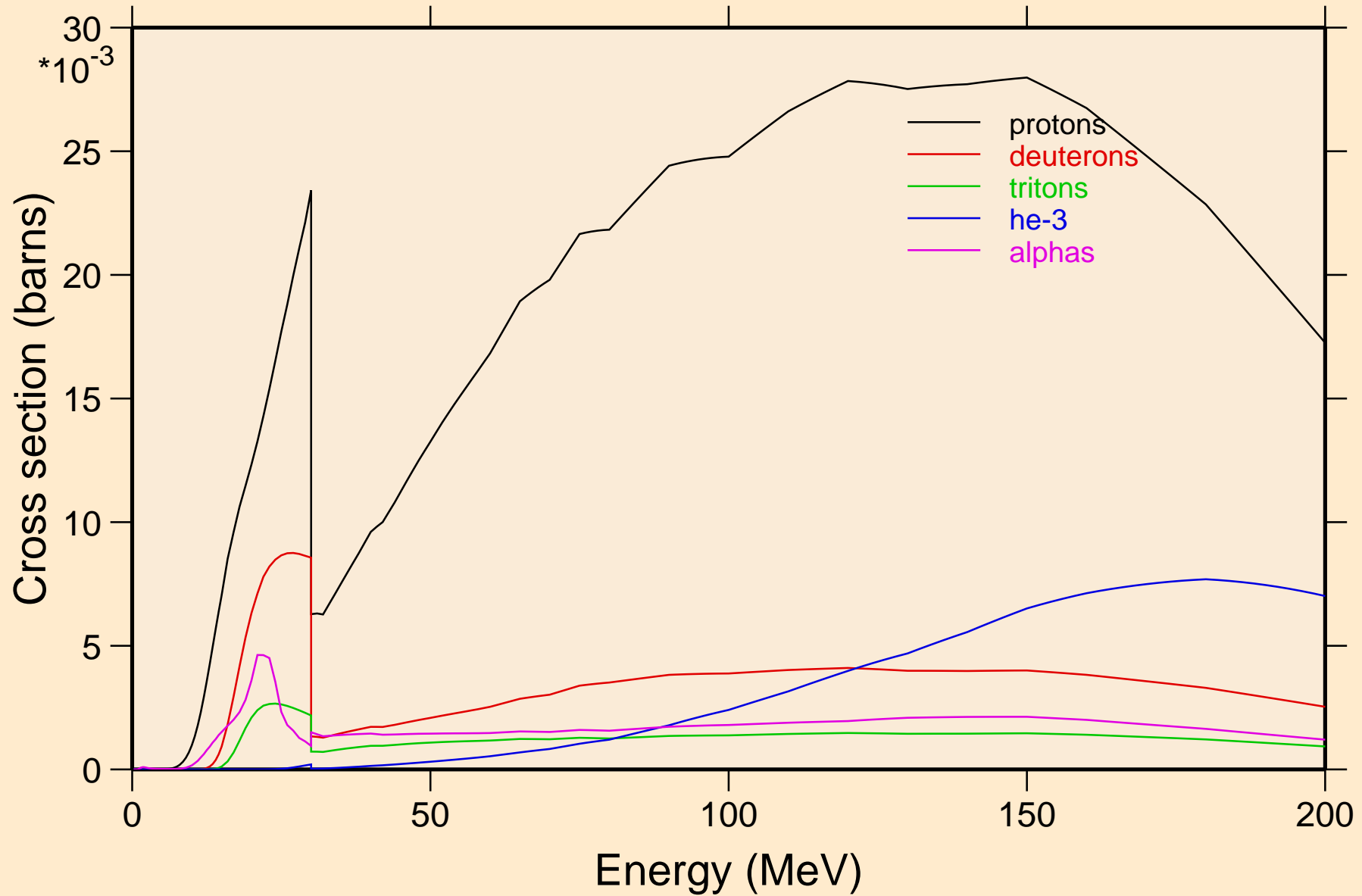
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Recoil Heating

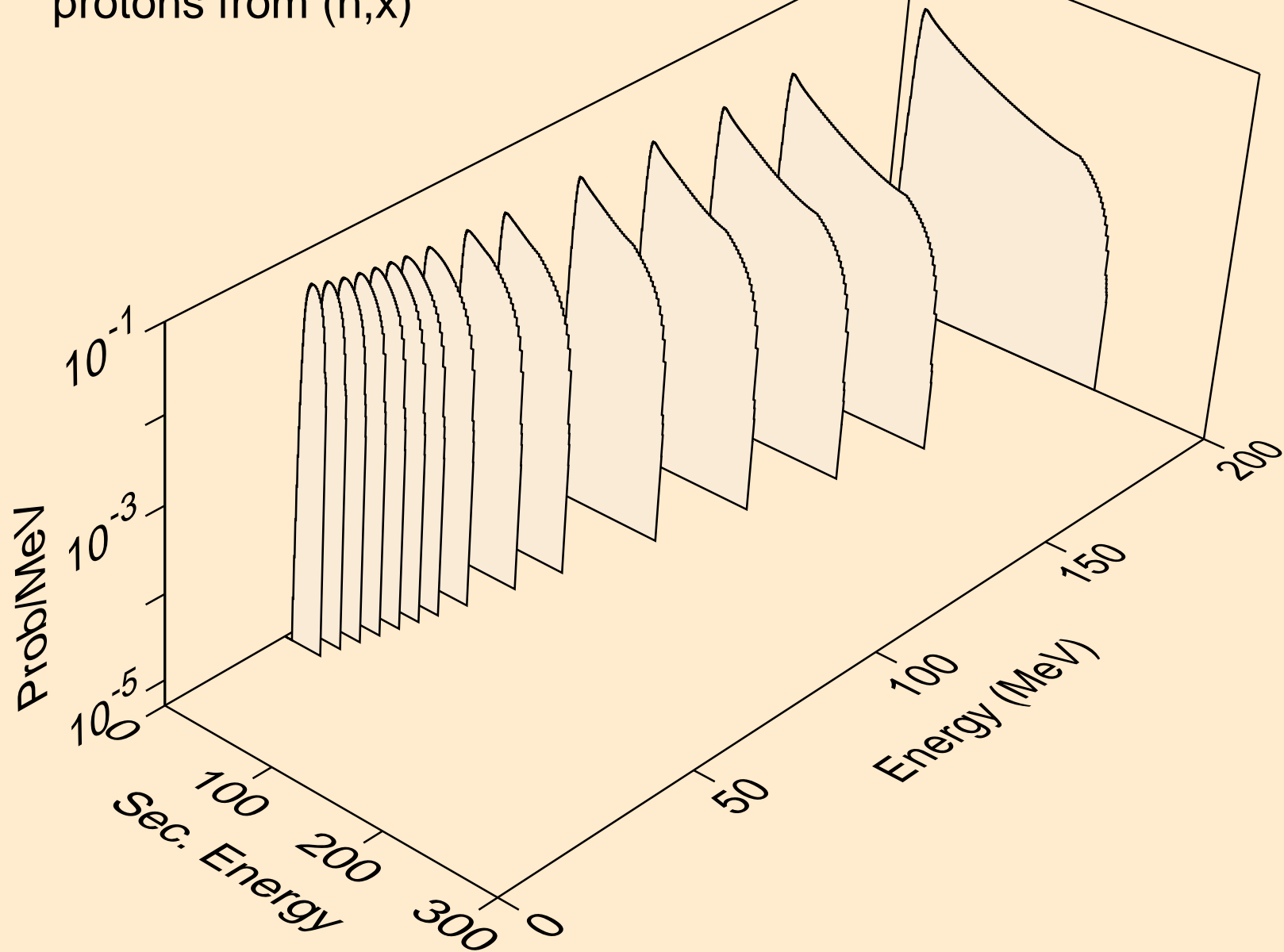


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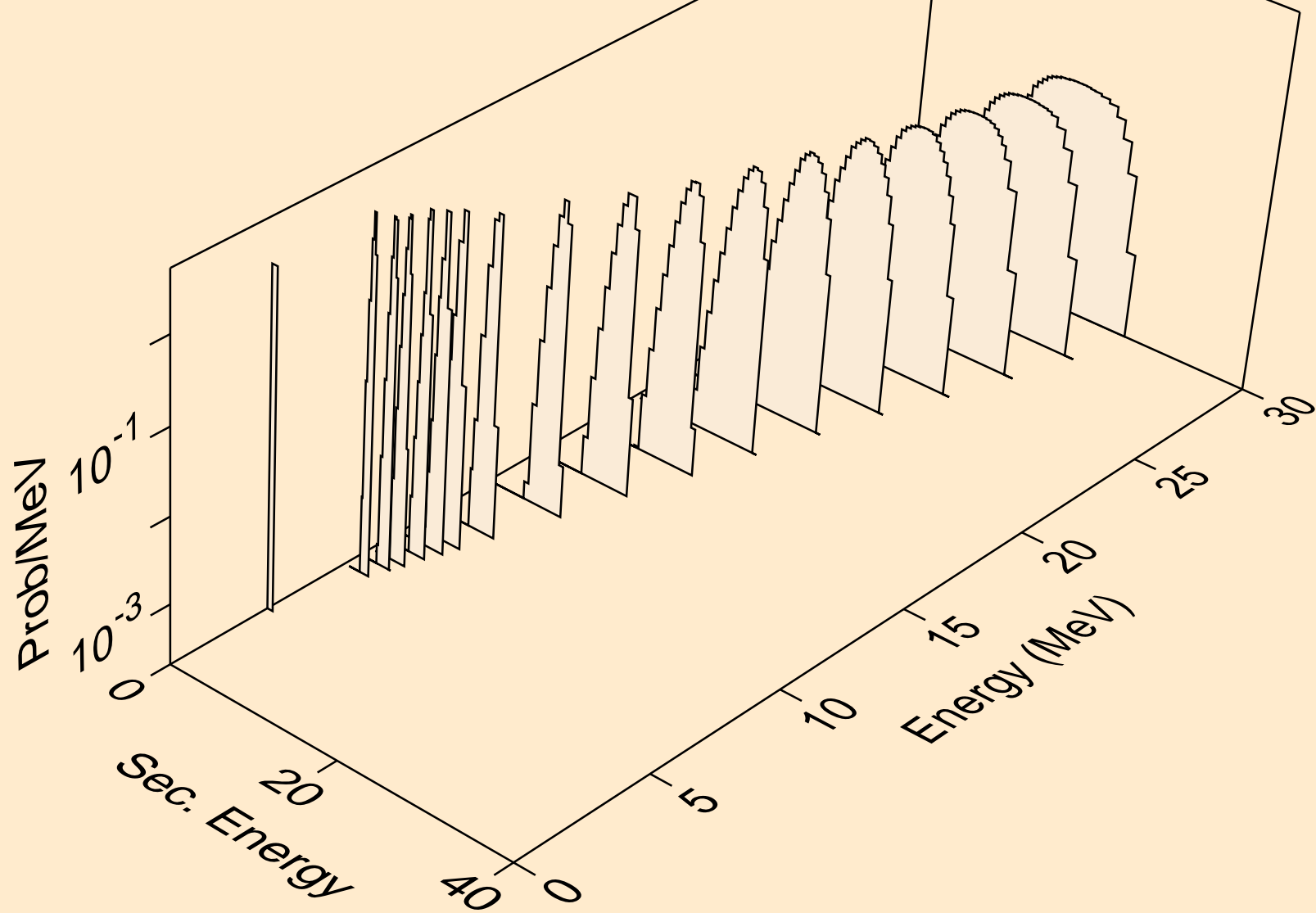
Particle production cross sections



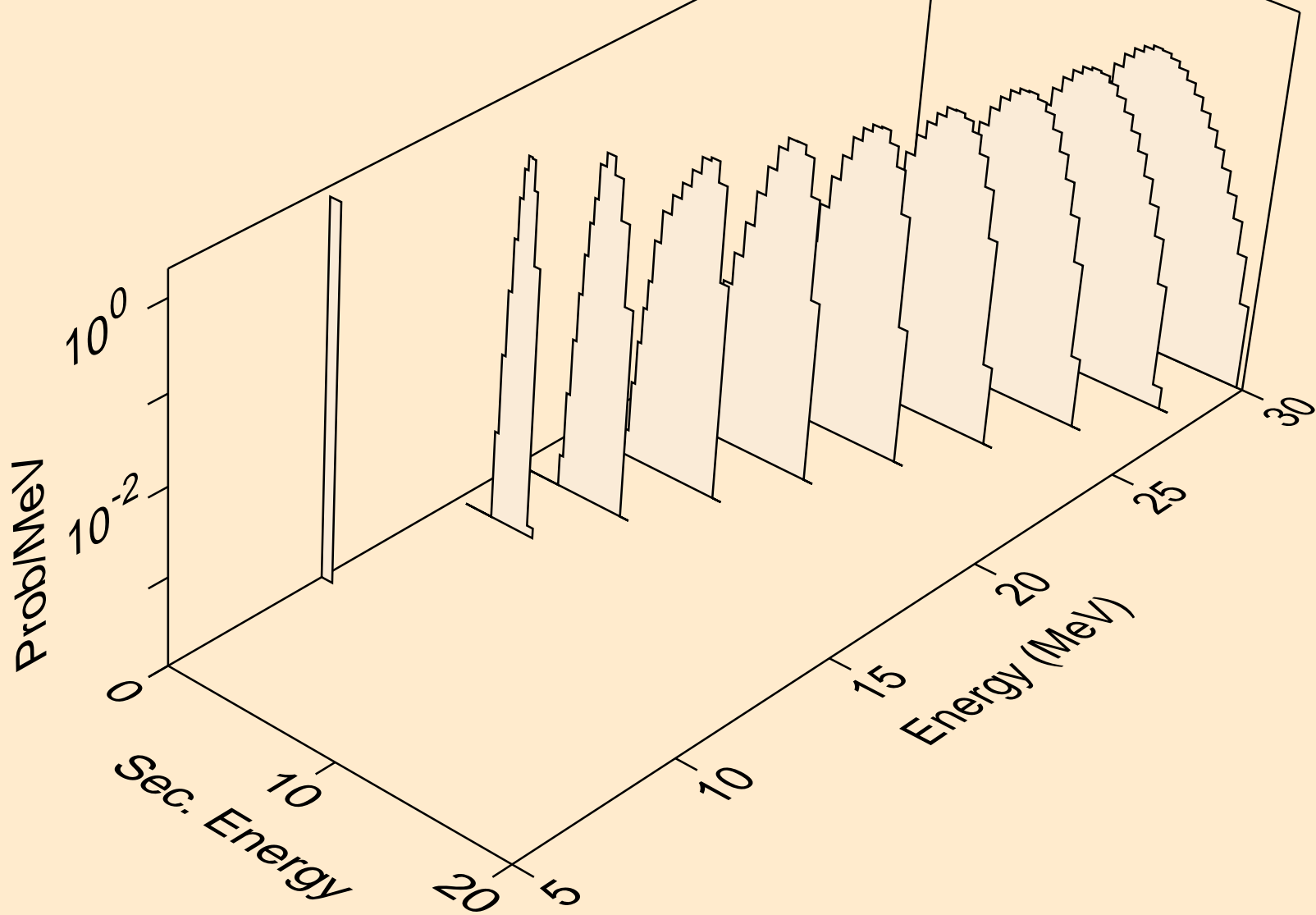
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



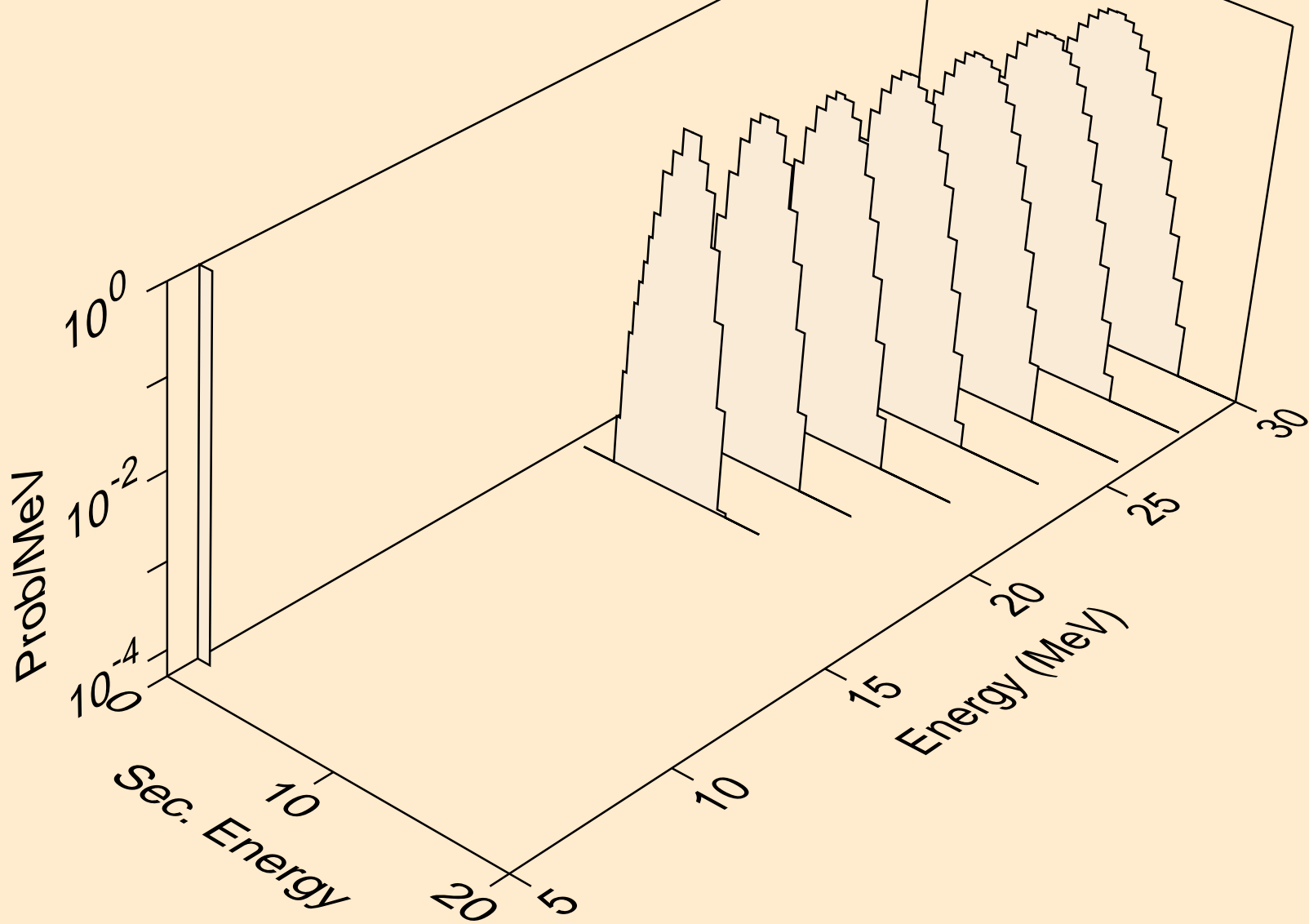
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



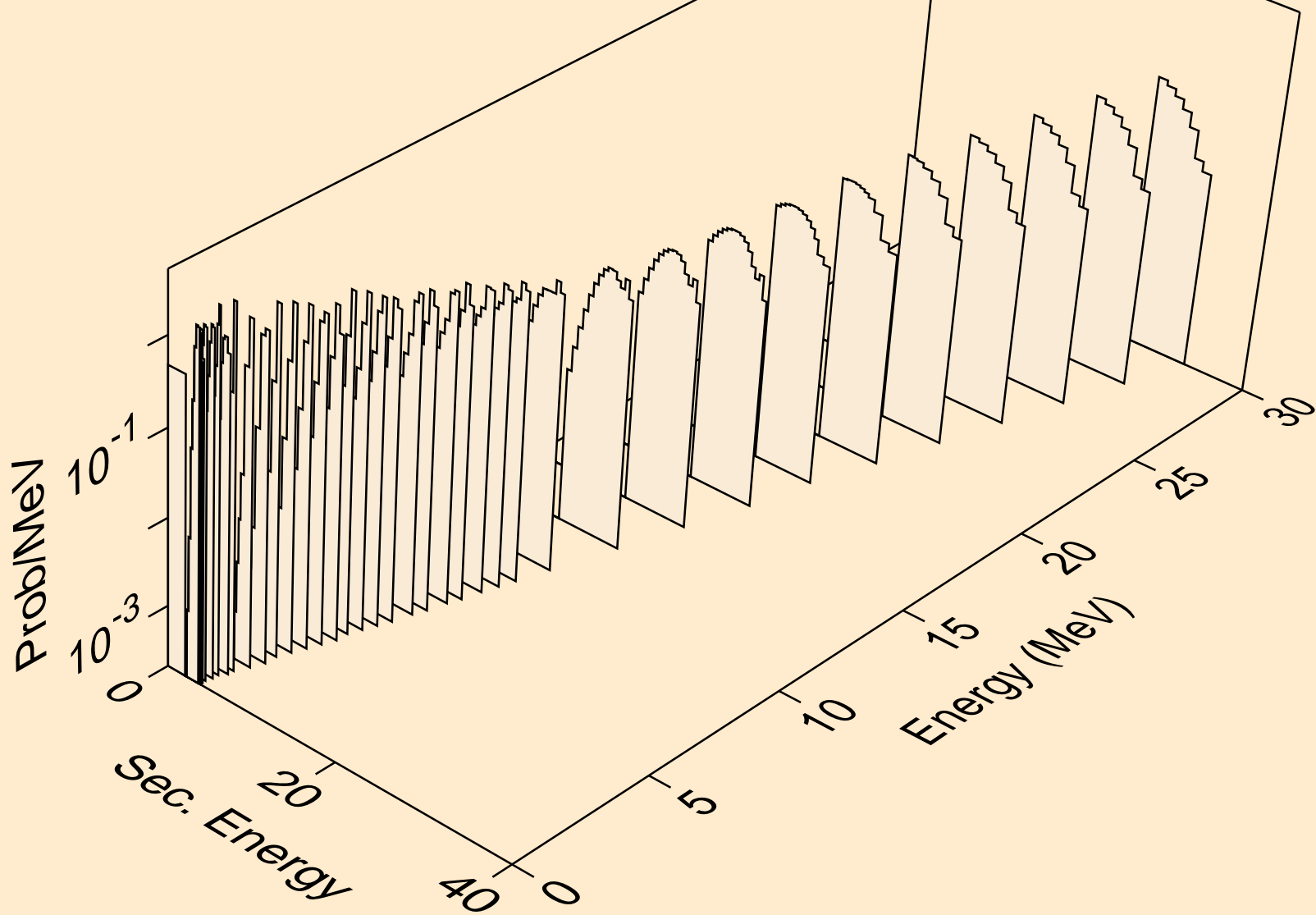
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protons from (n,2np)



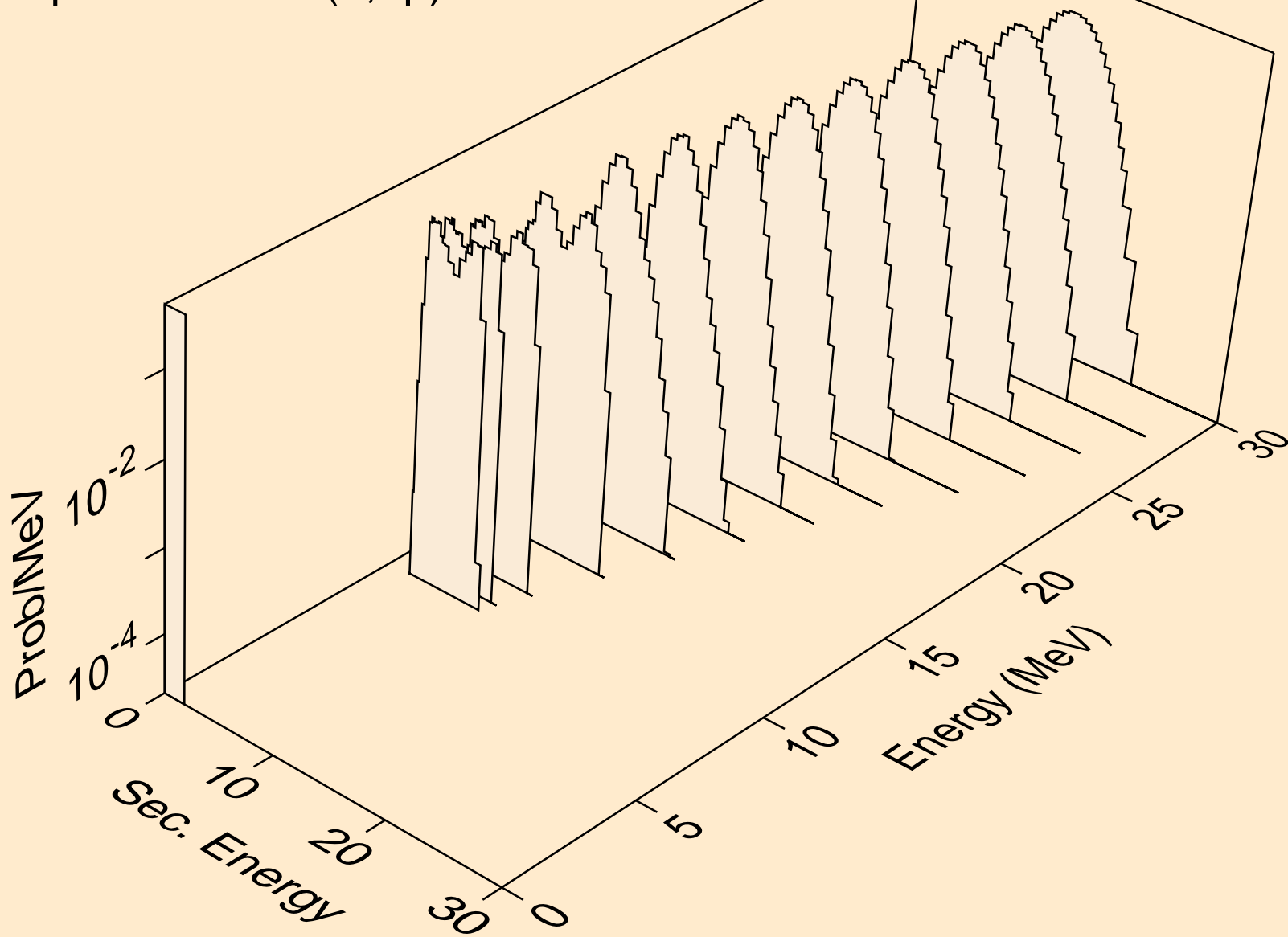
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protons from (n,n2p)



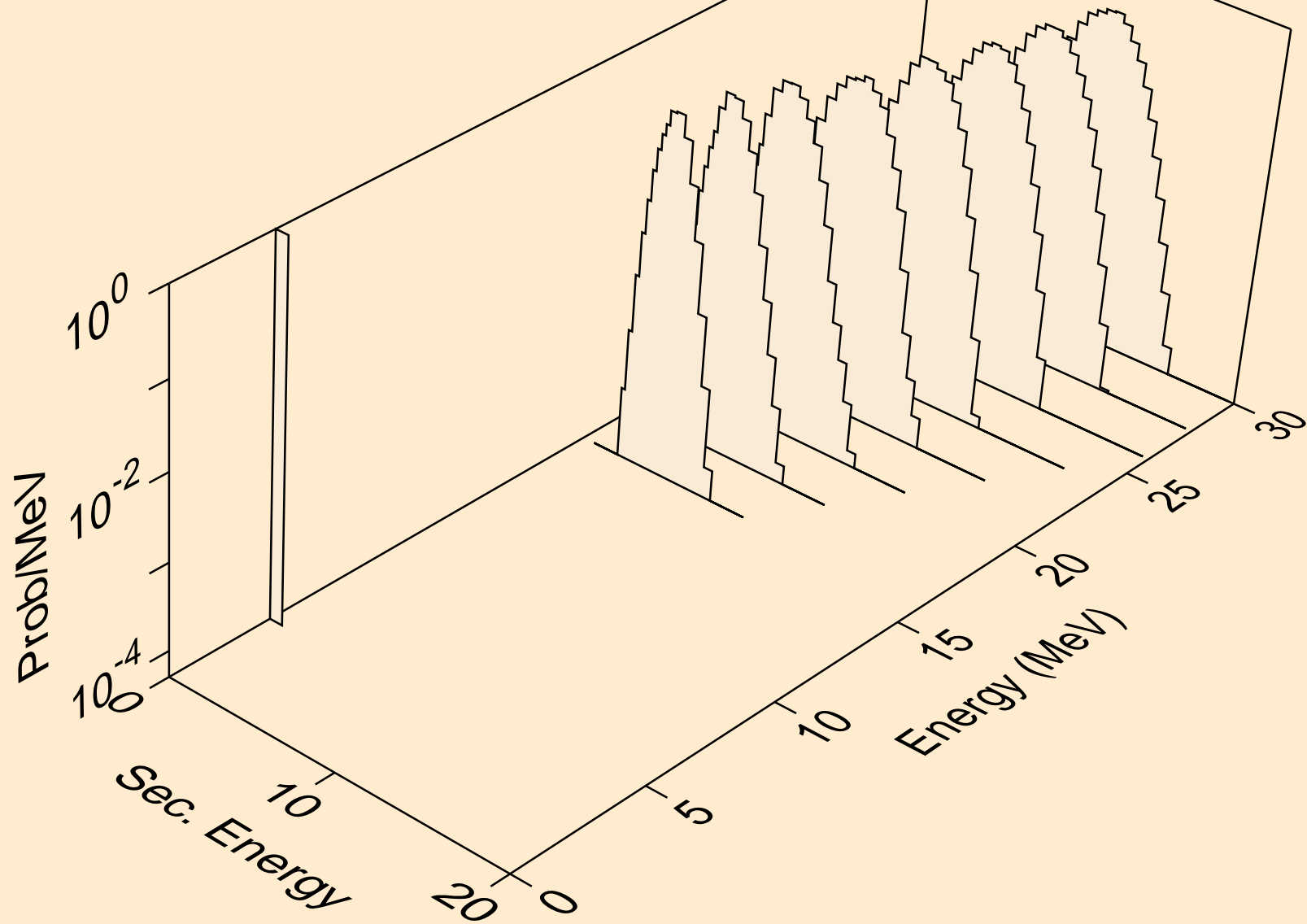
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protons from (n,p)



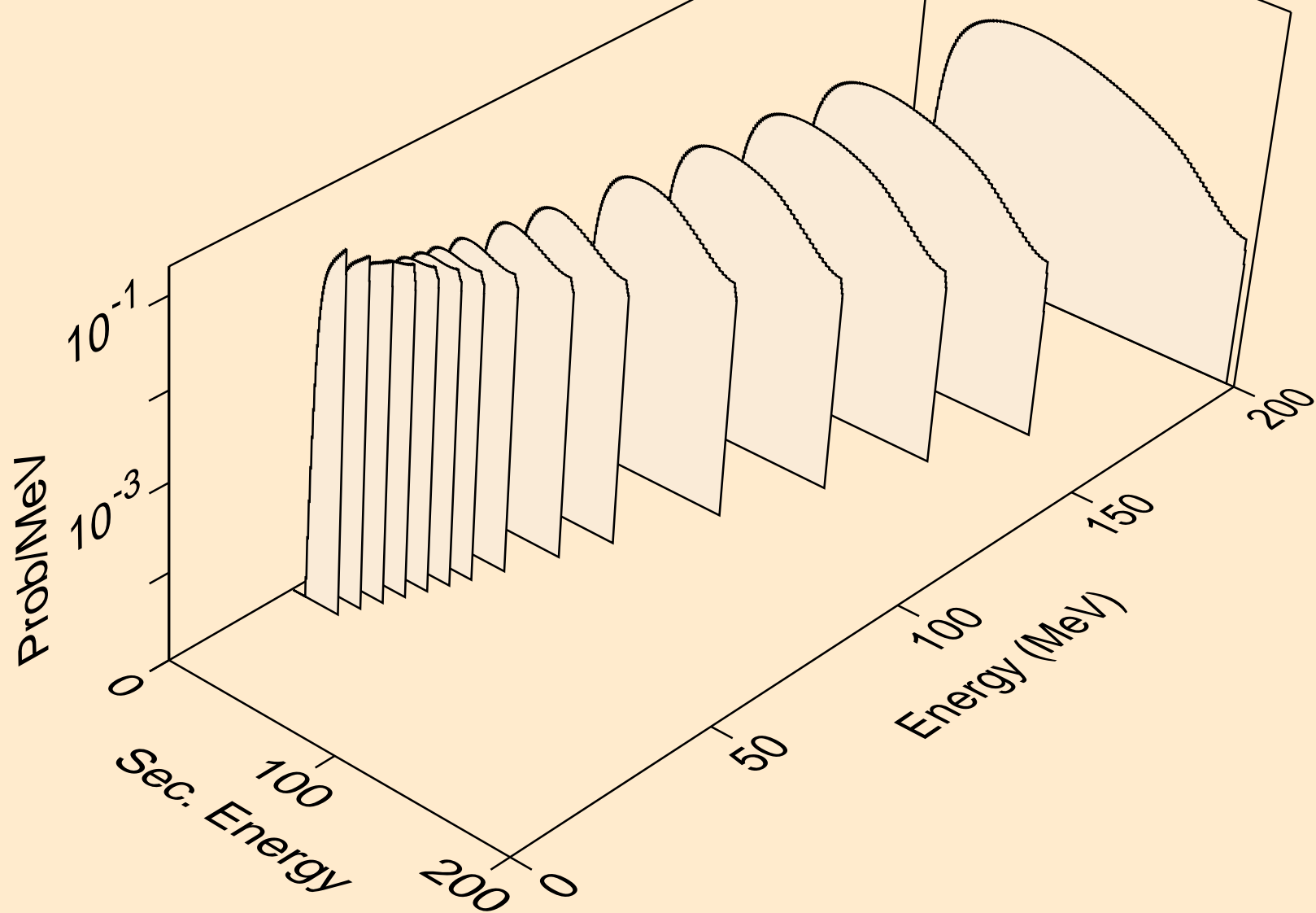
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protons from (n,2p)



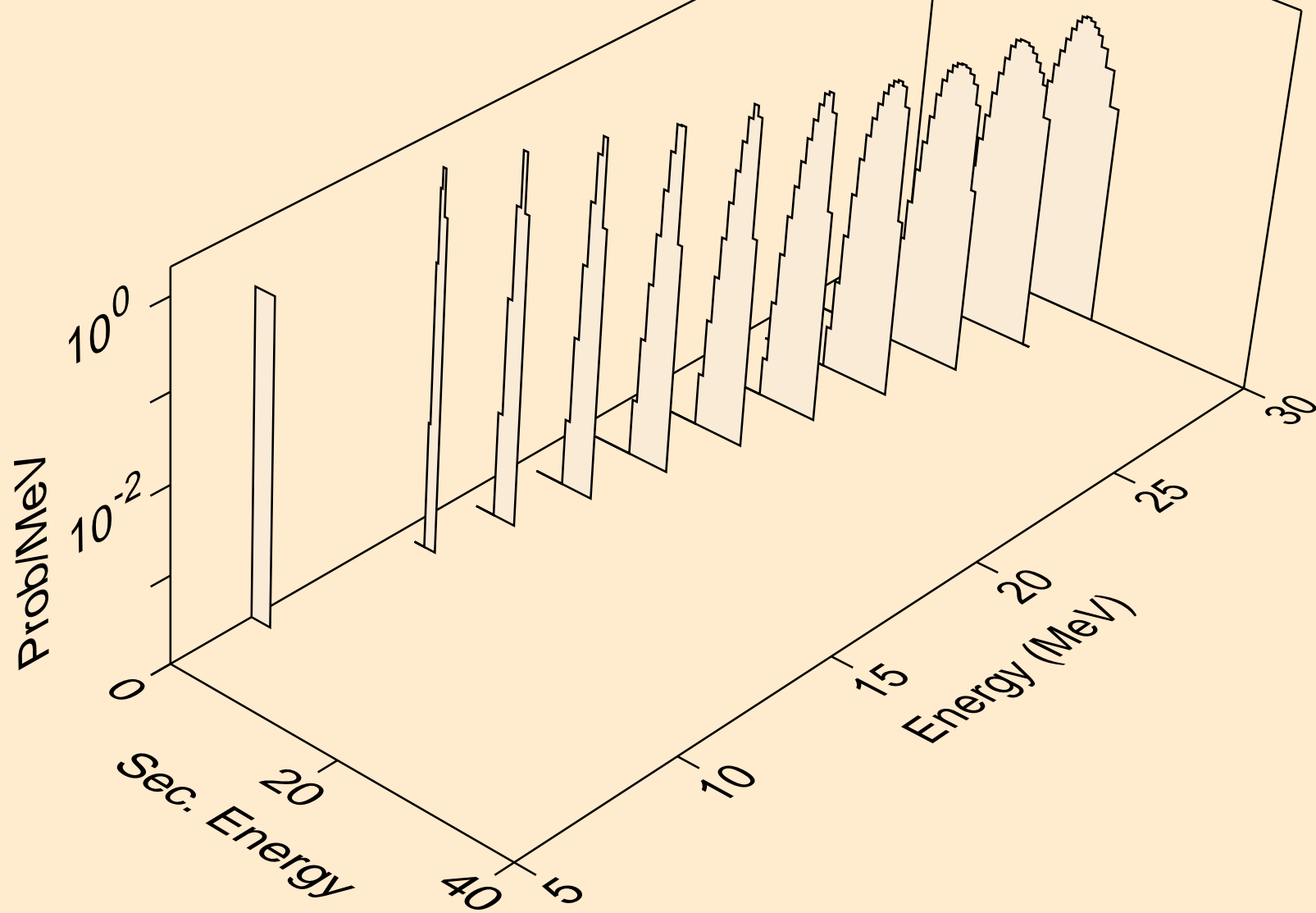
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protons from (n,pd)



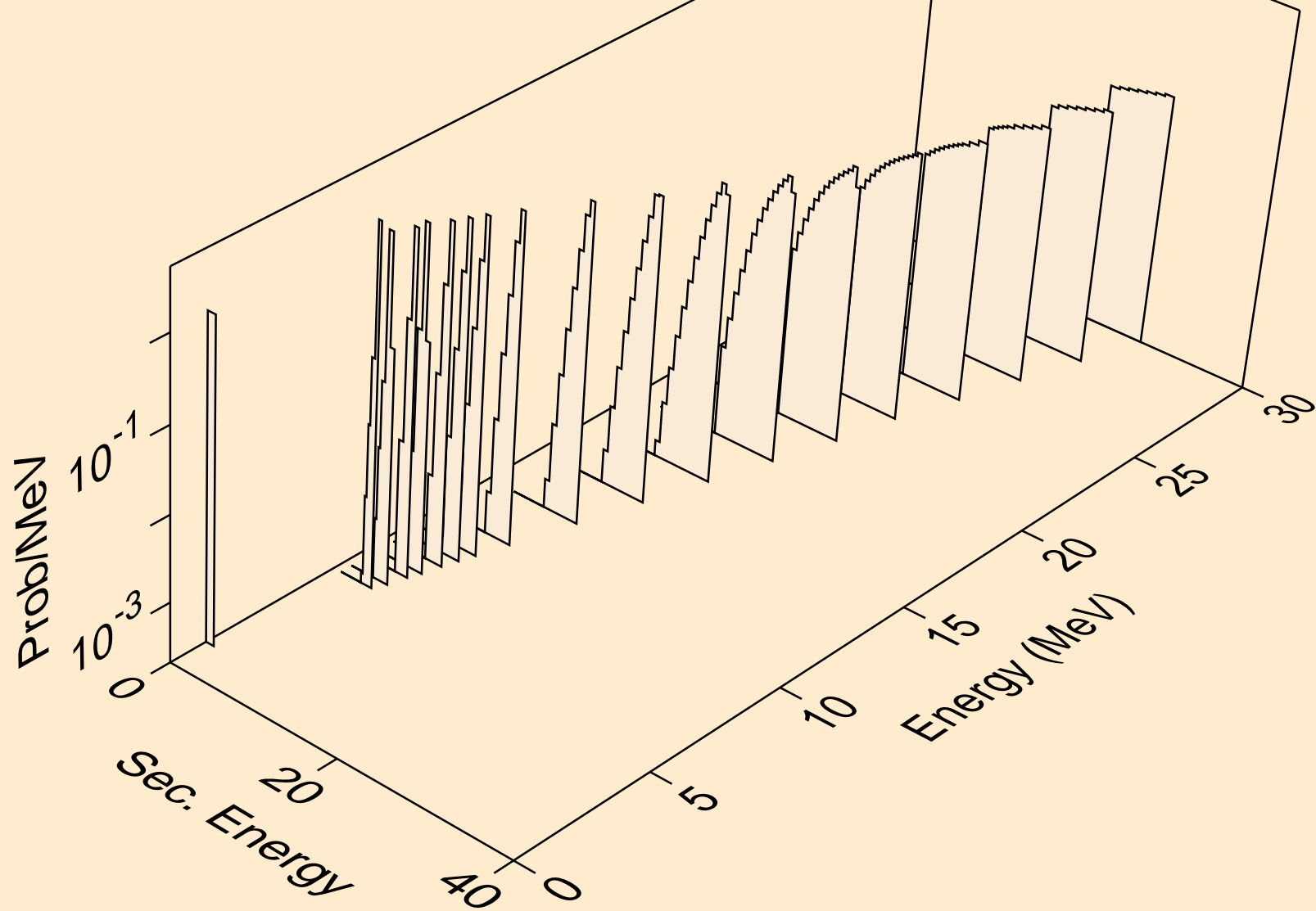
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



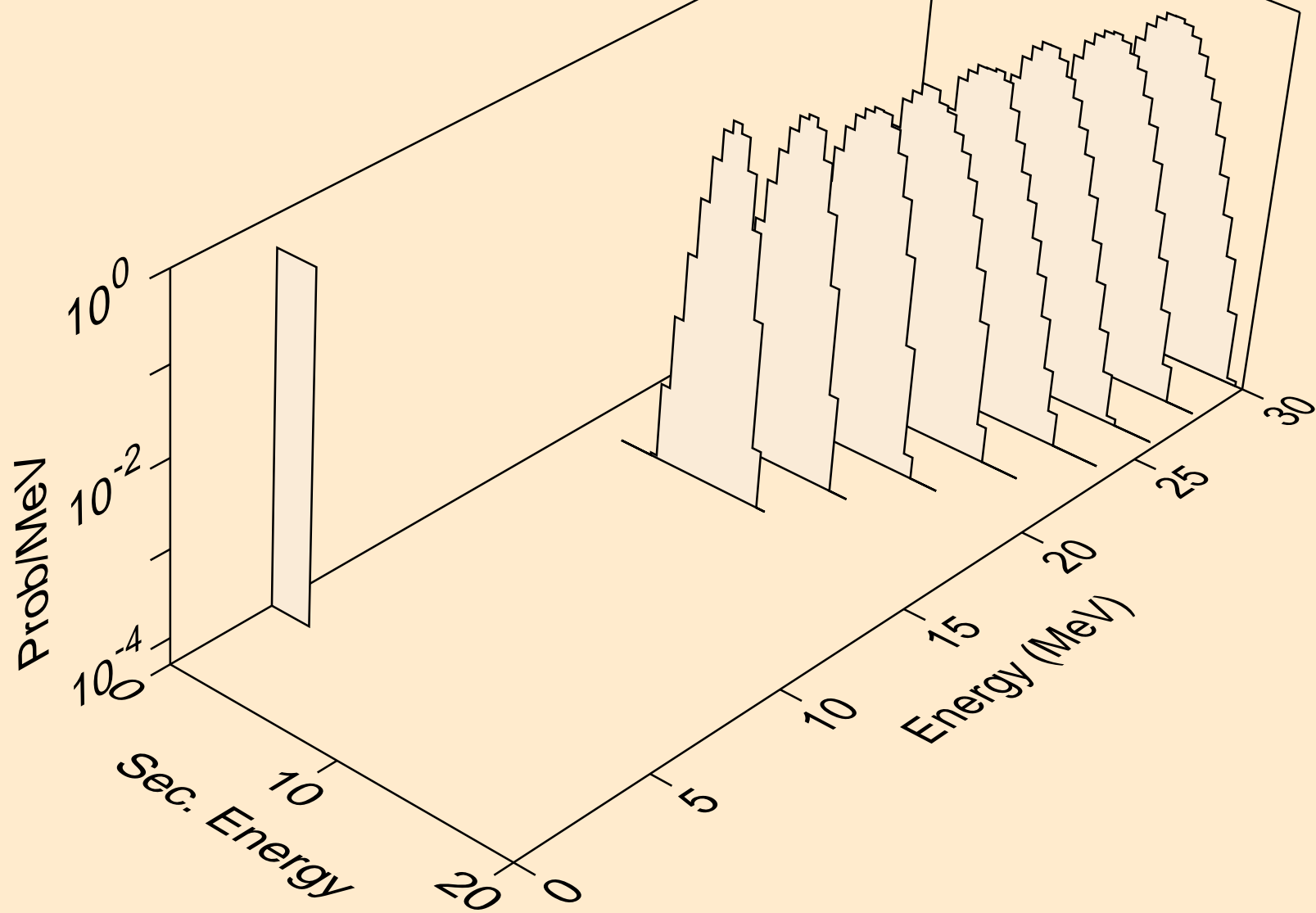
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



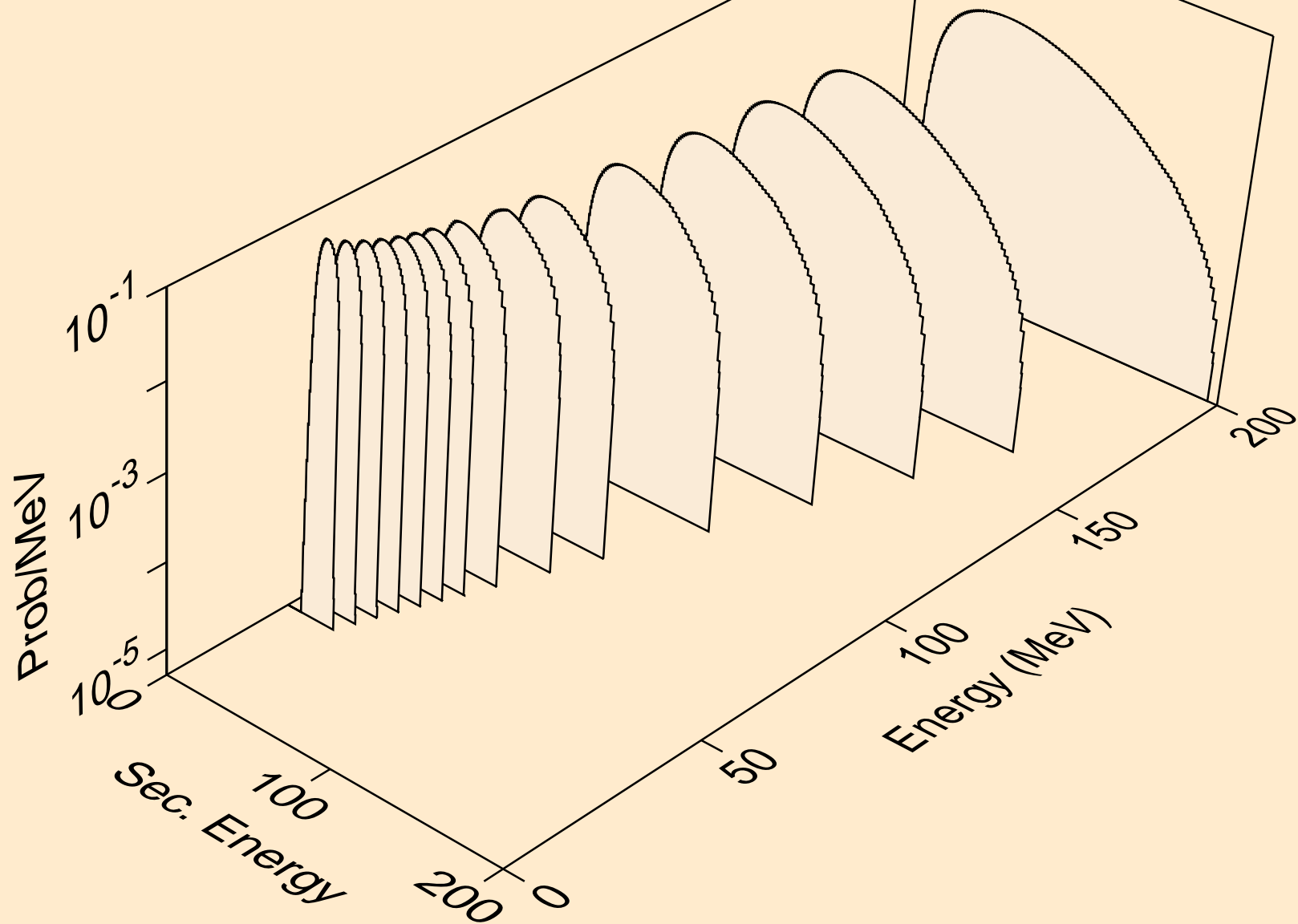
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deuterons from (n,d)



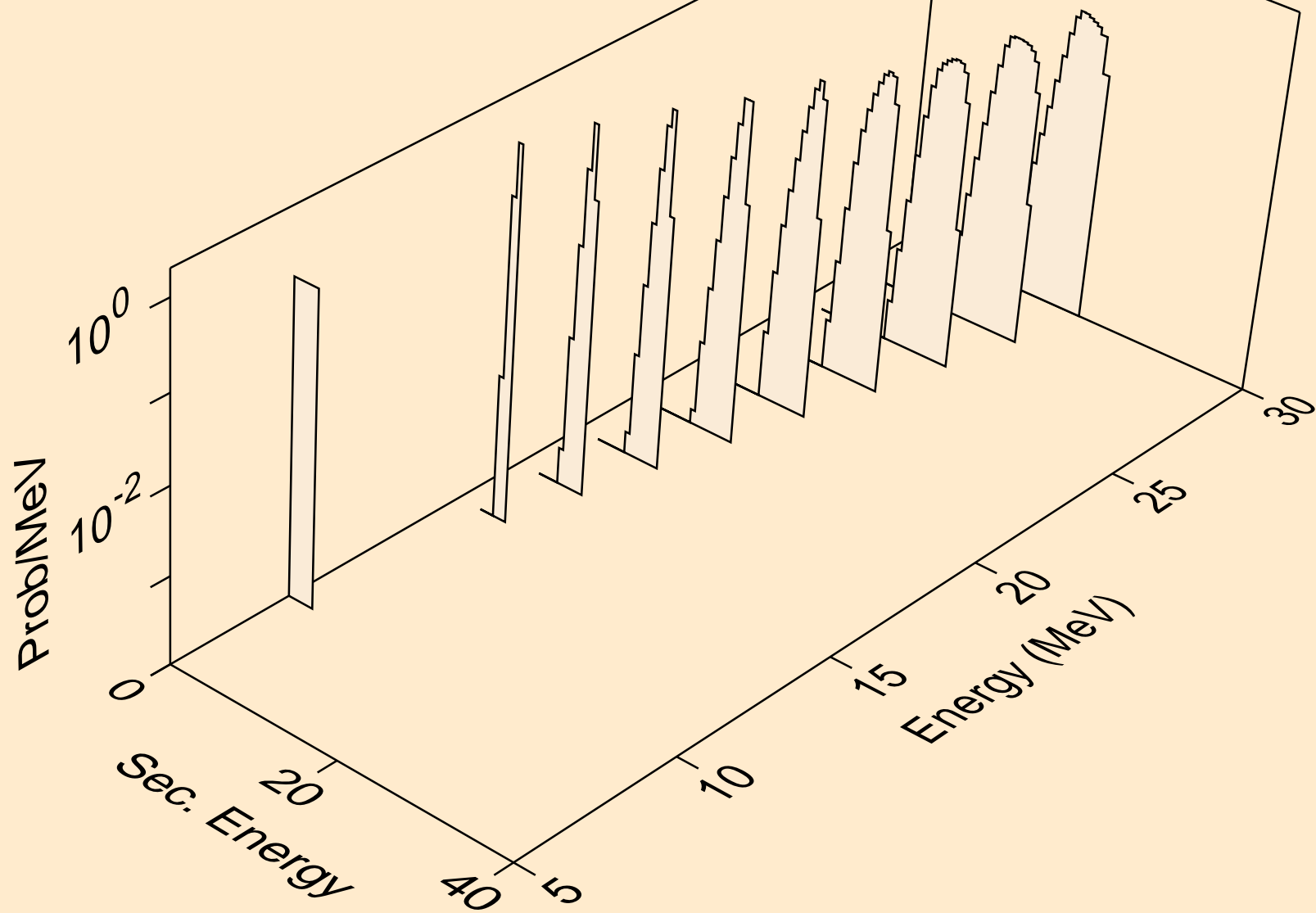
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deuterons from (n,pd)



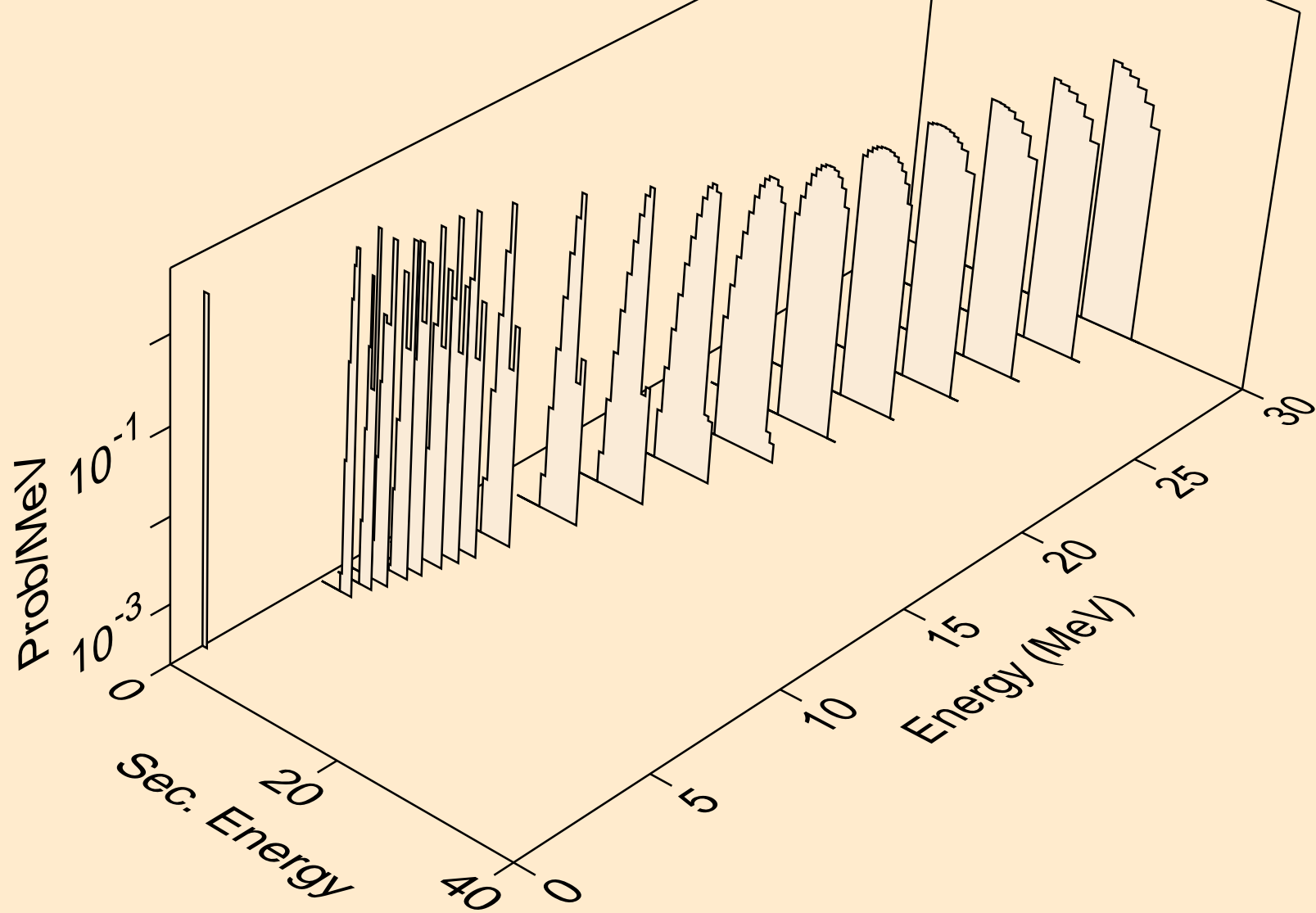
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



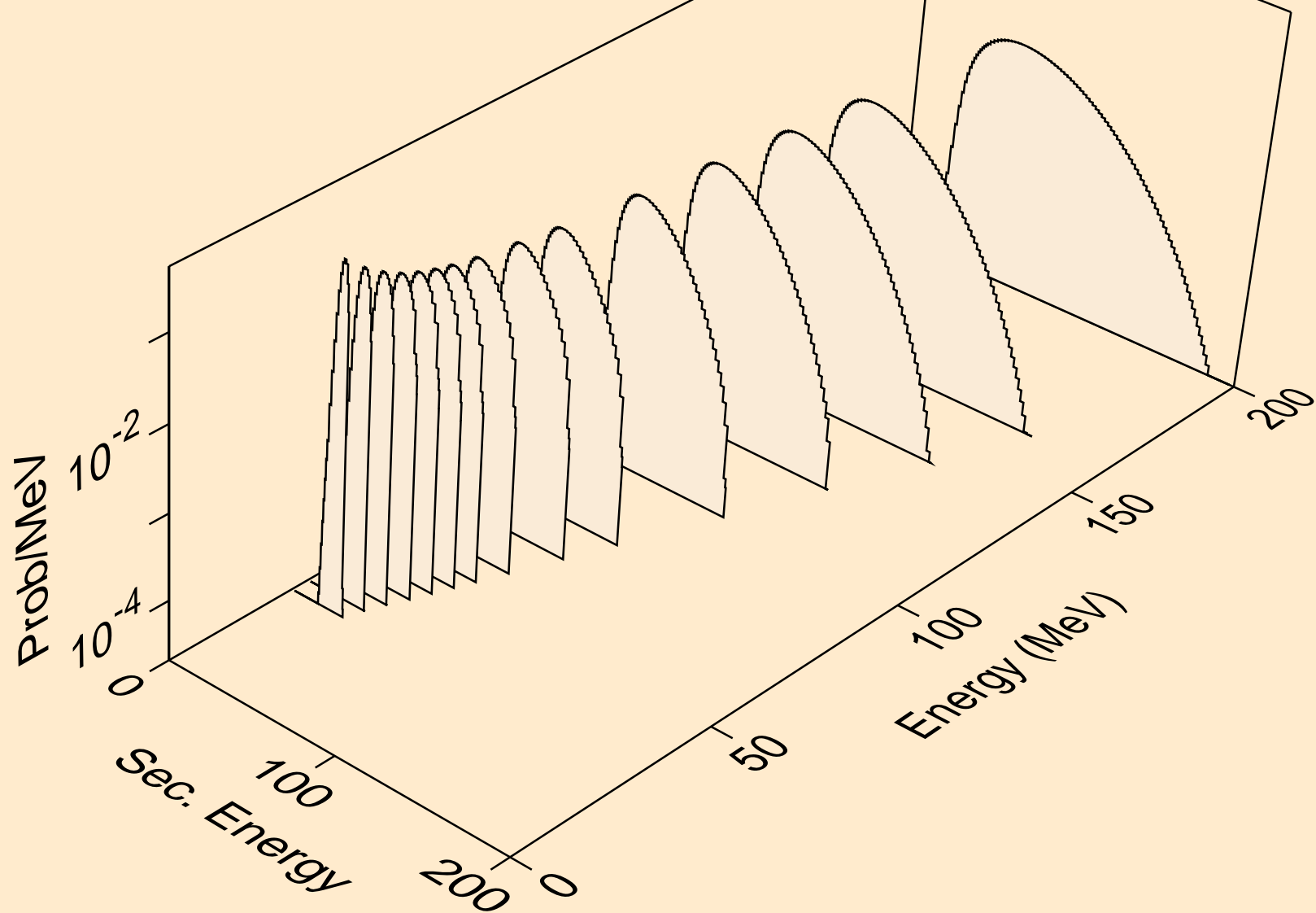
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



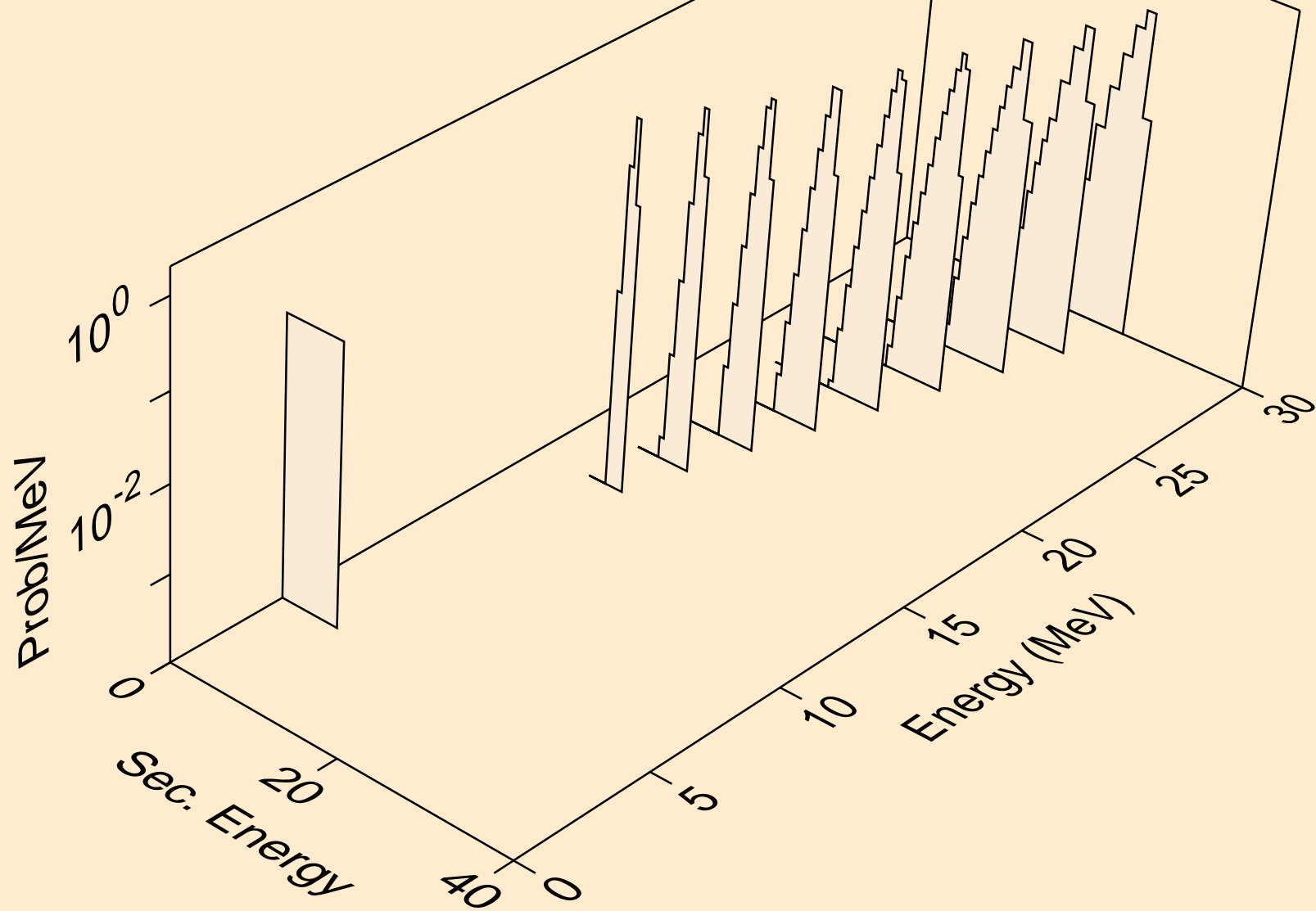
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



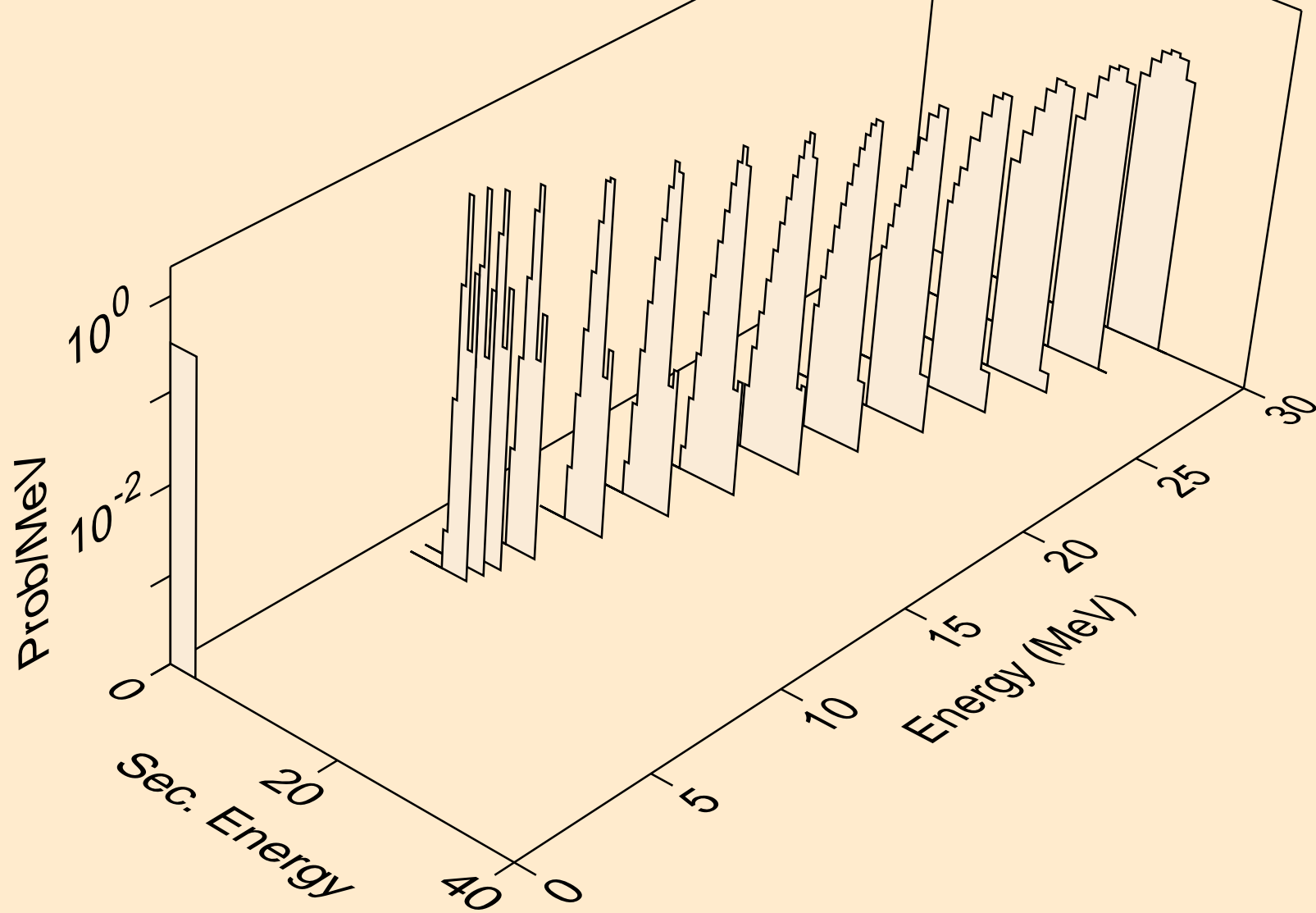
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



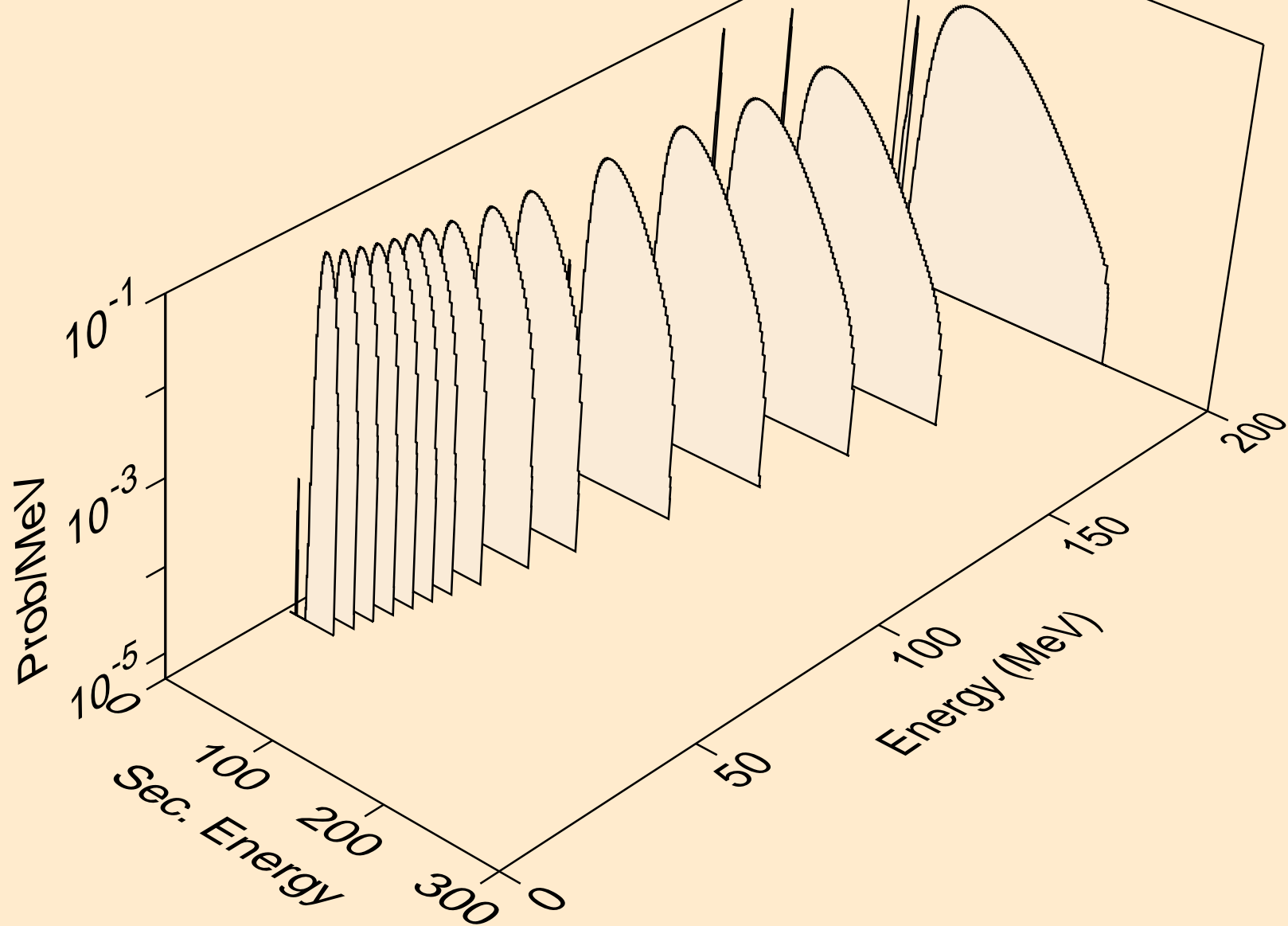
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



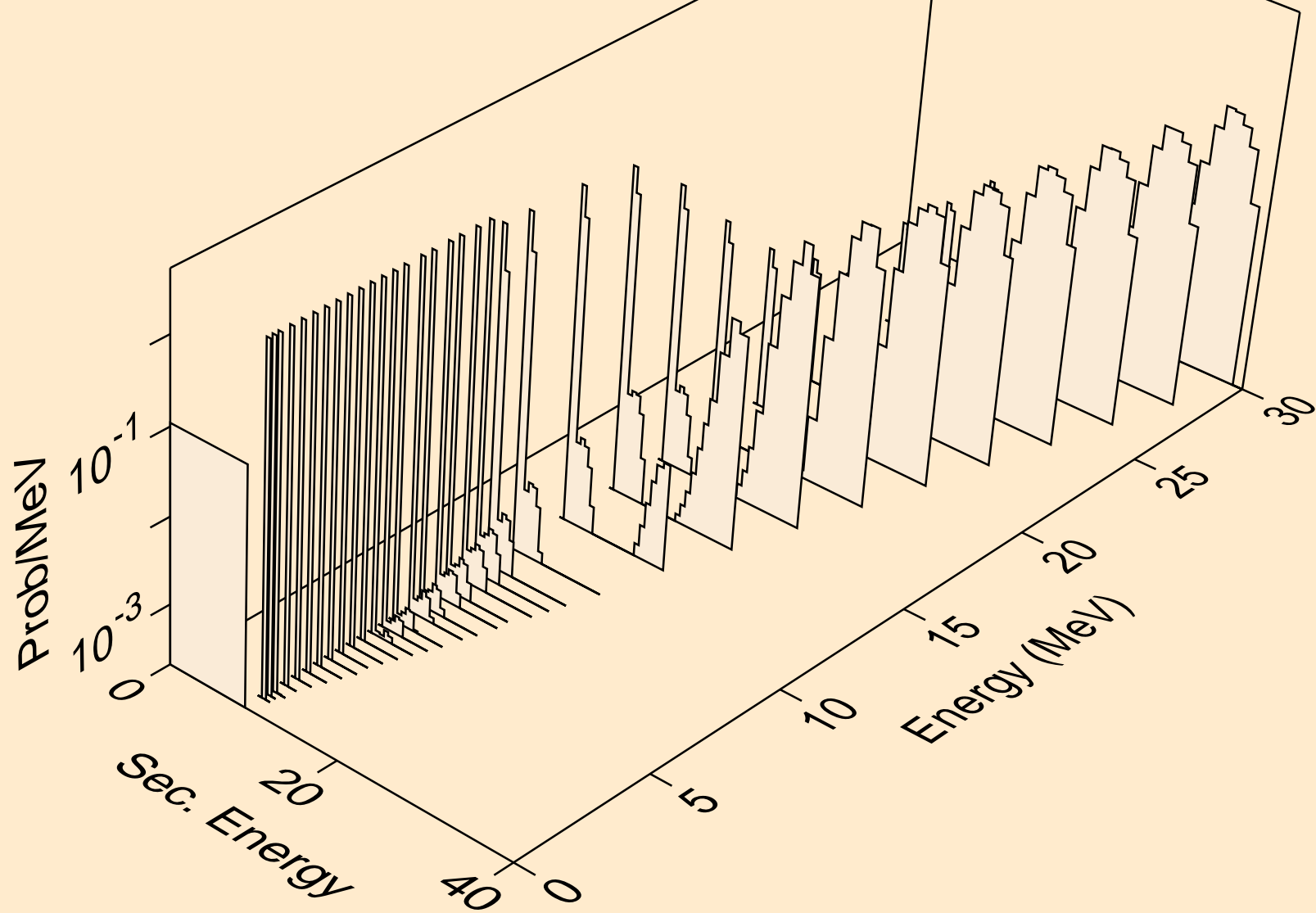
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he3s from (n,he3)



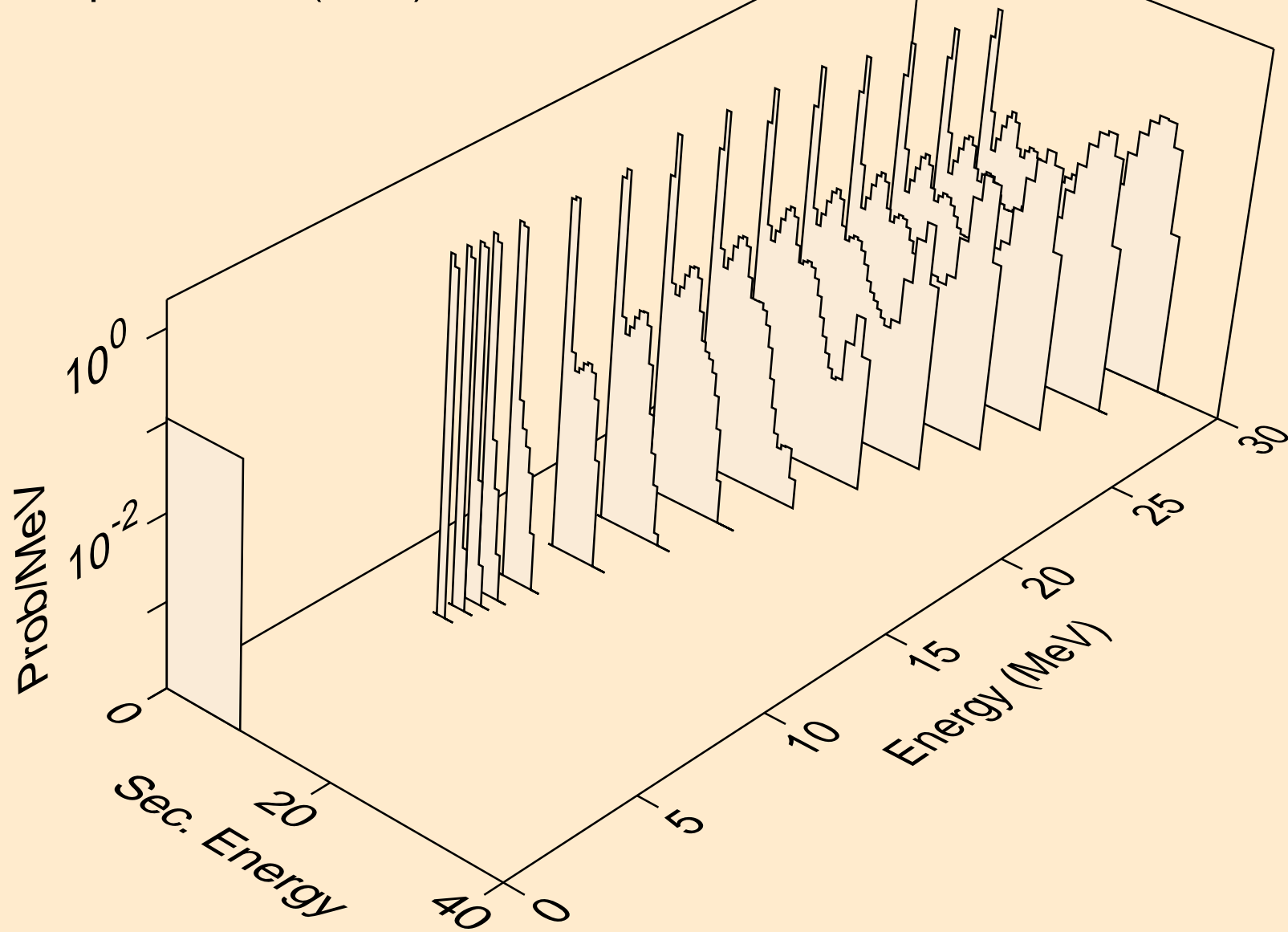
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



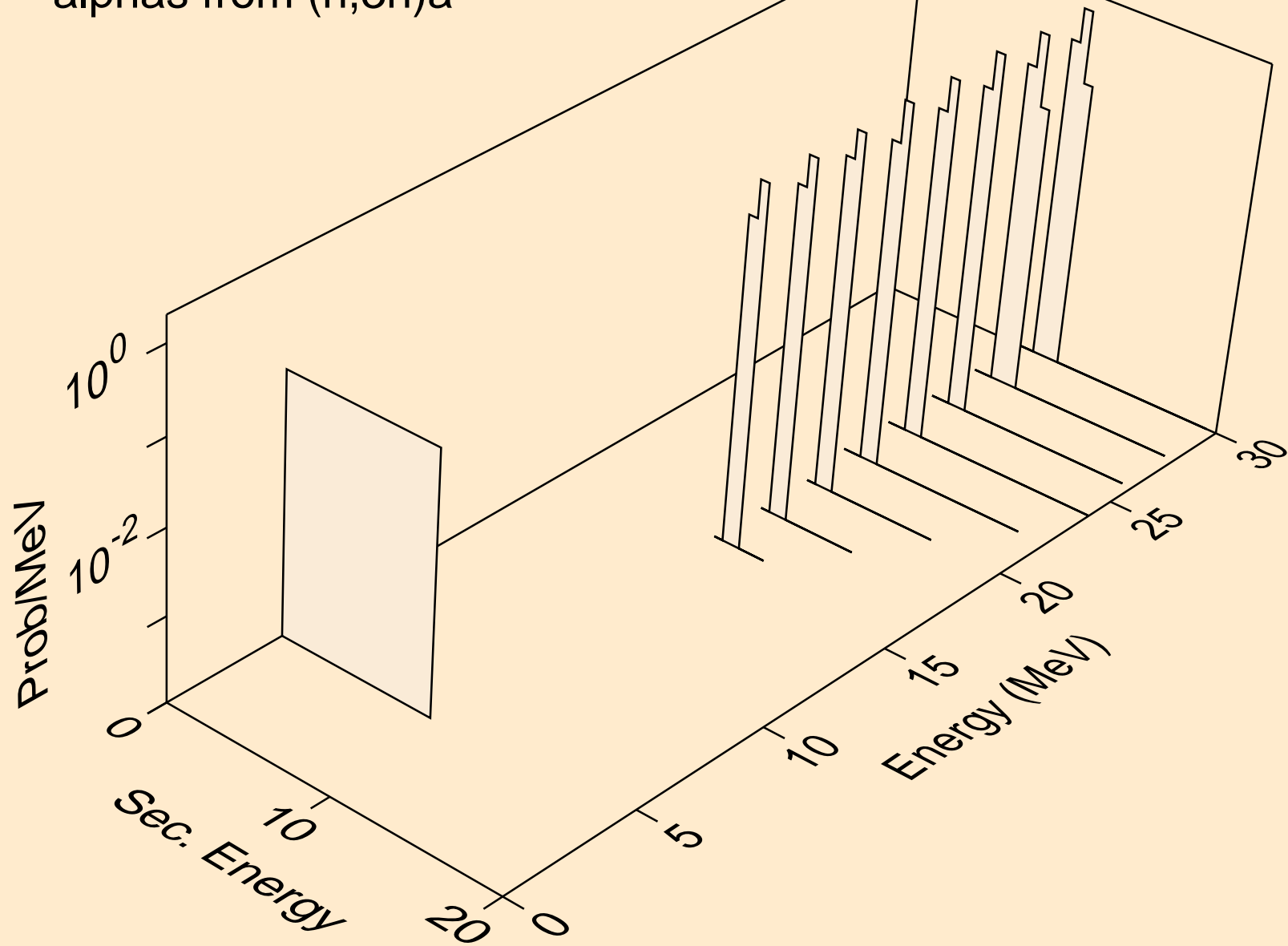
HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



HS269 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

