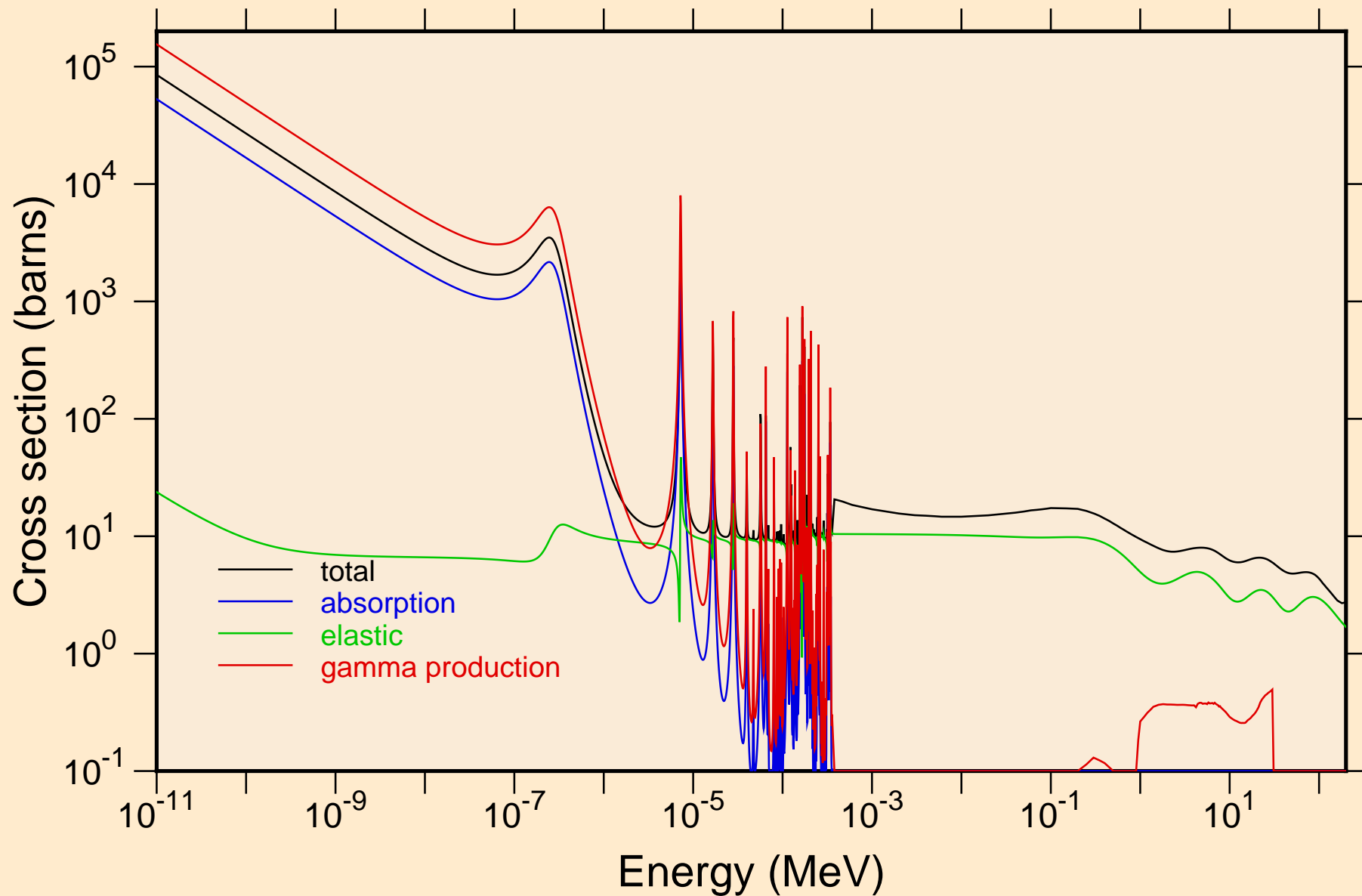
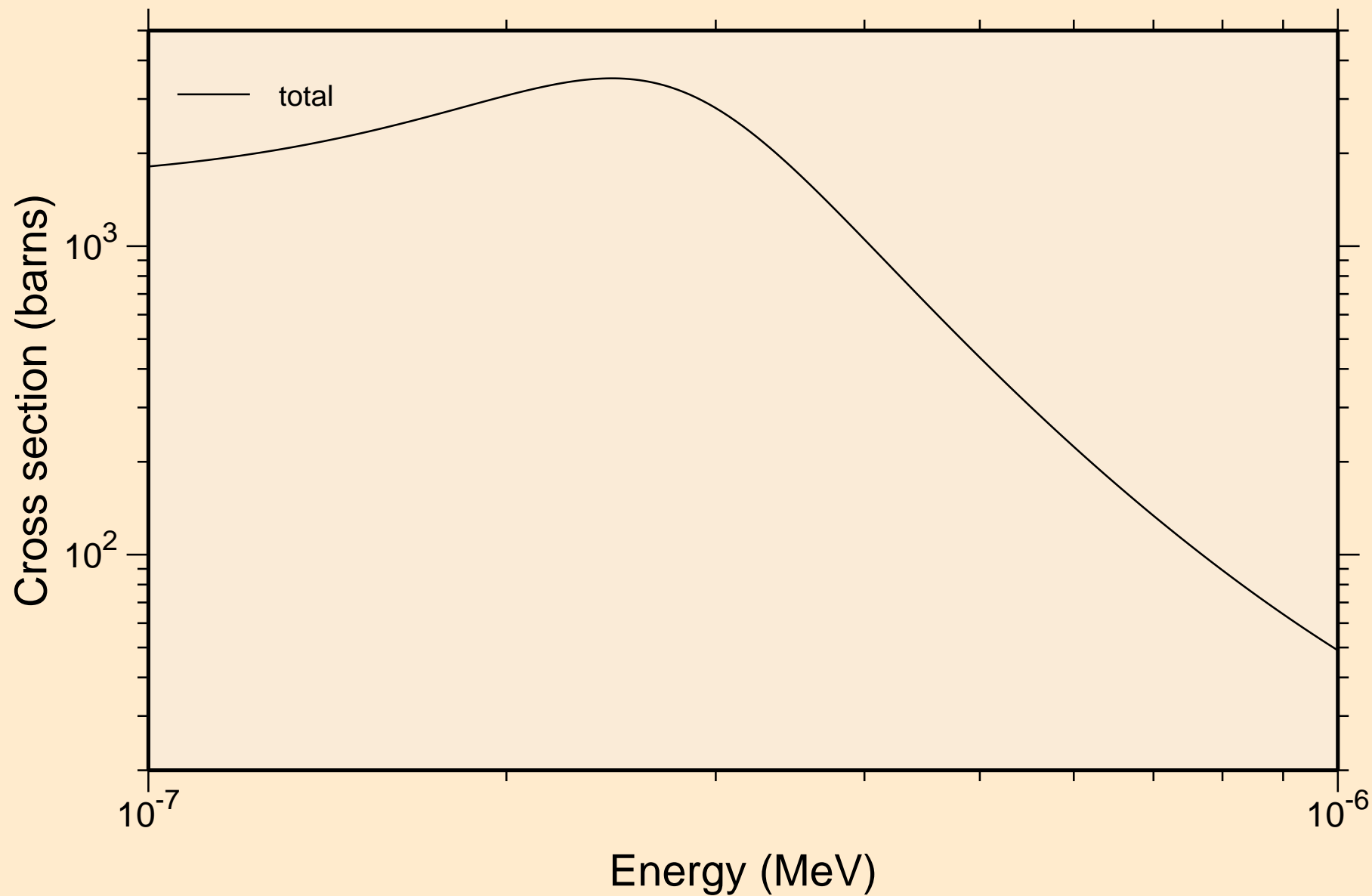


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

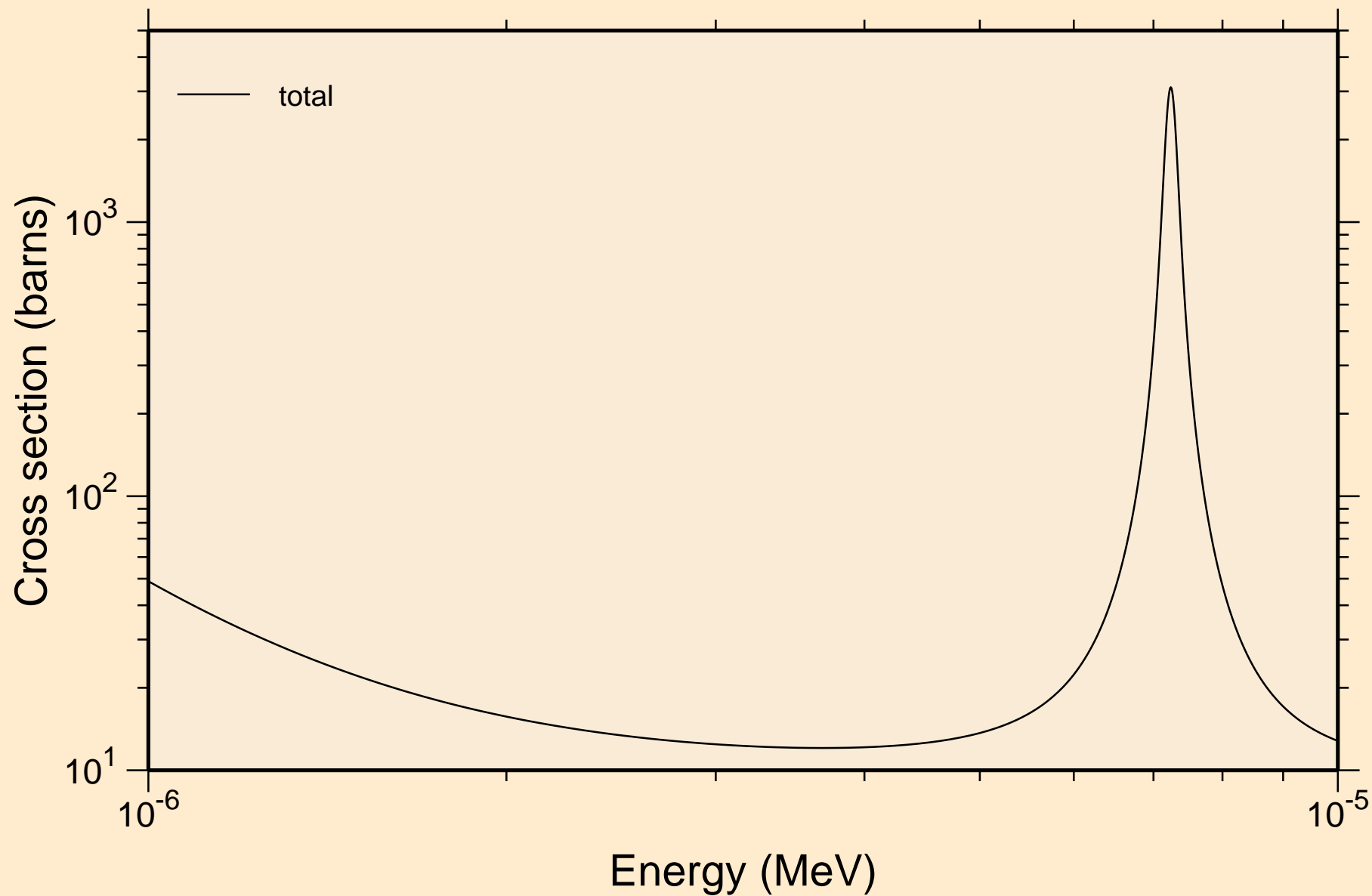
Principal cross sections



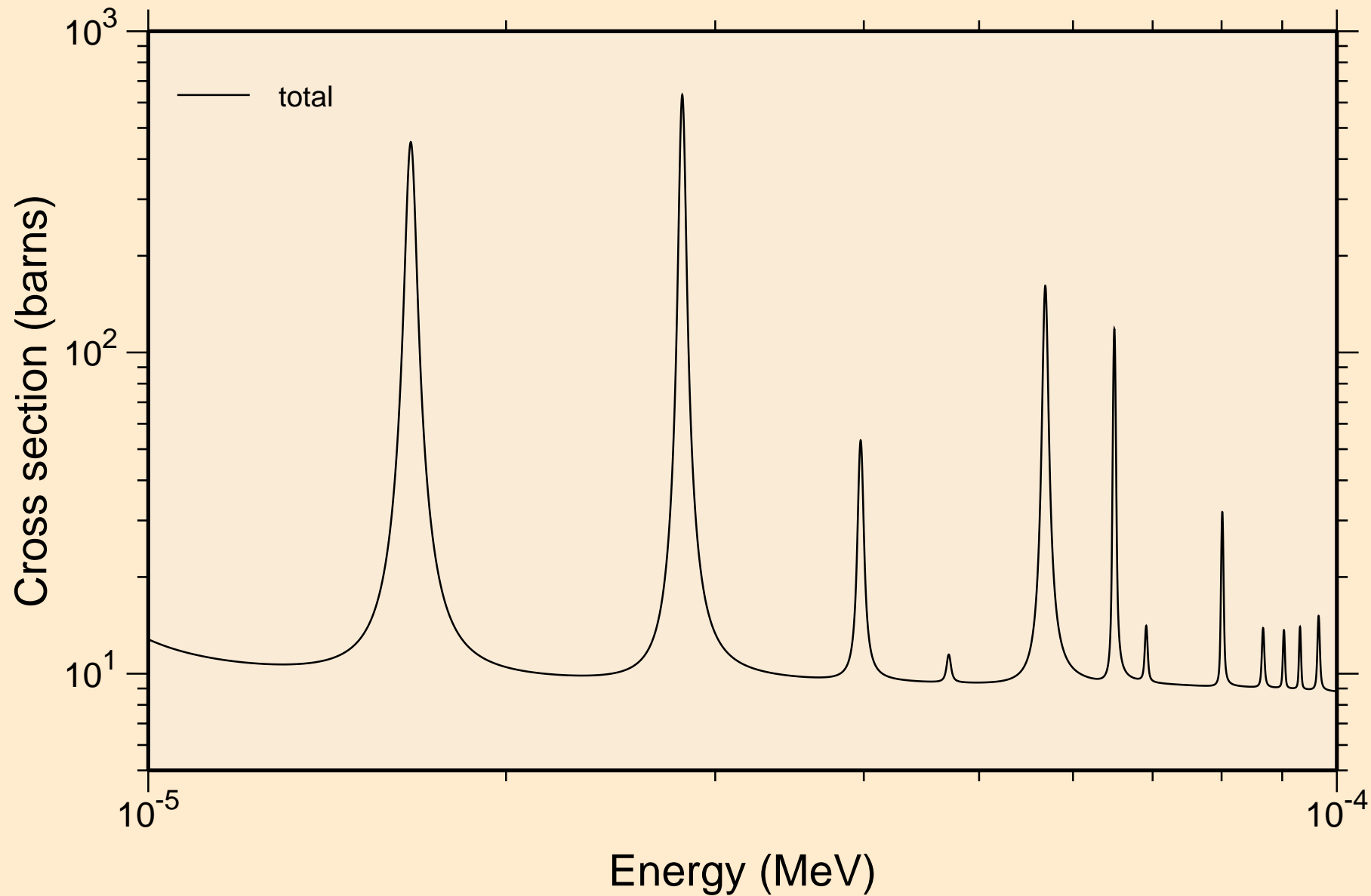
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resonance total cross section



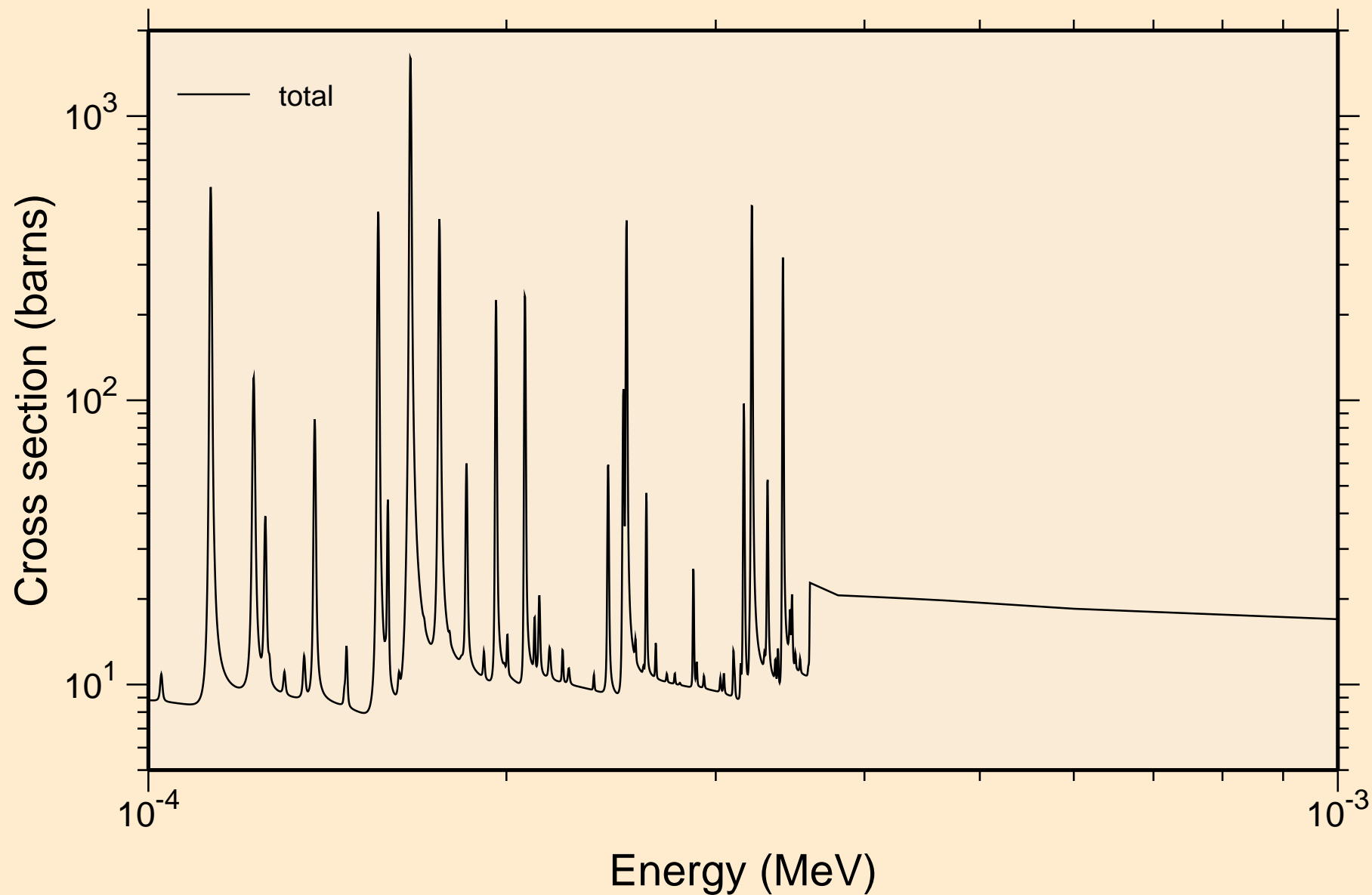
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



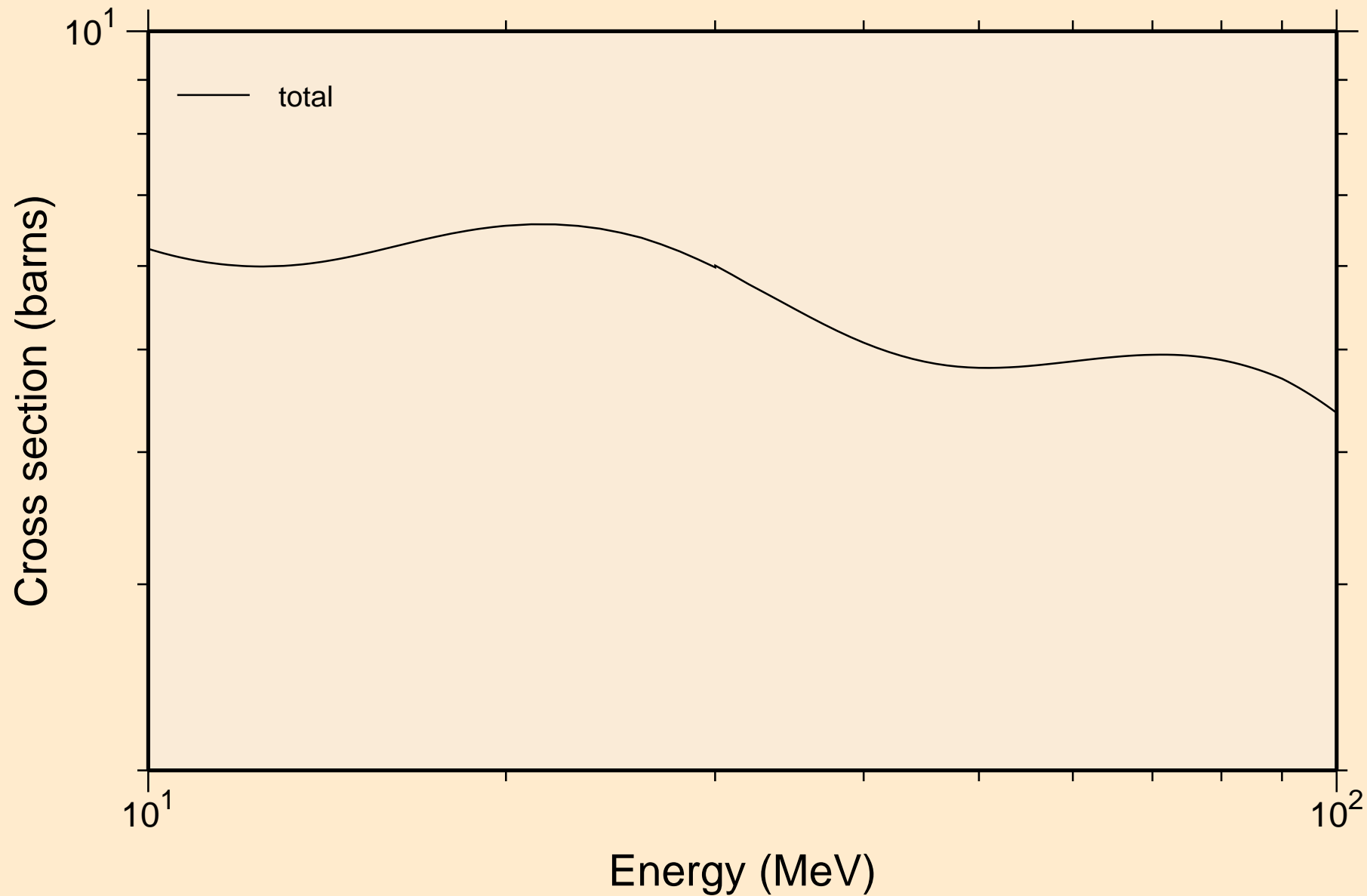
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resonance total cross section



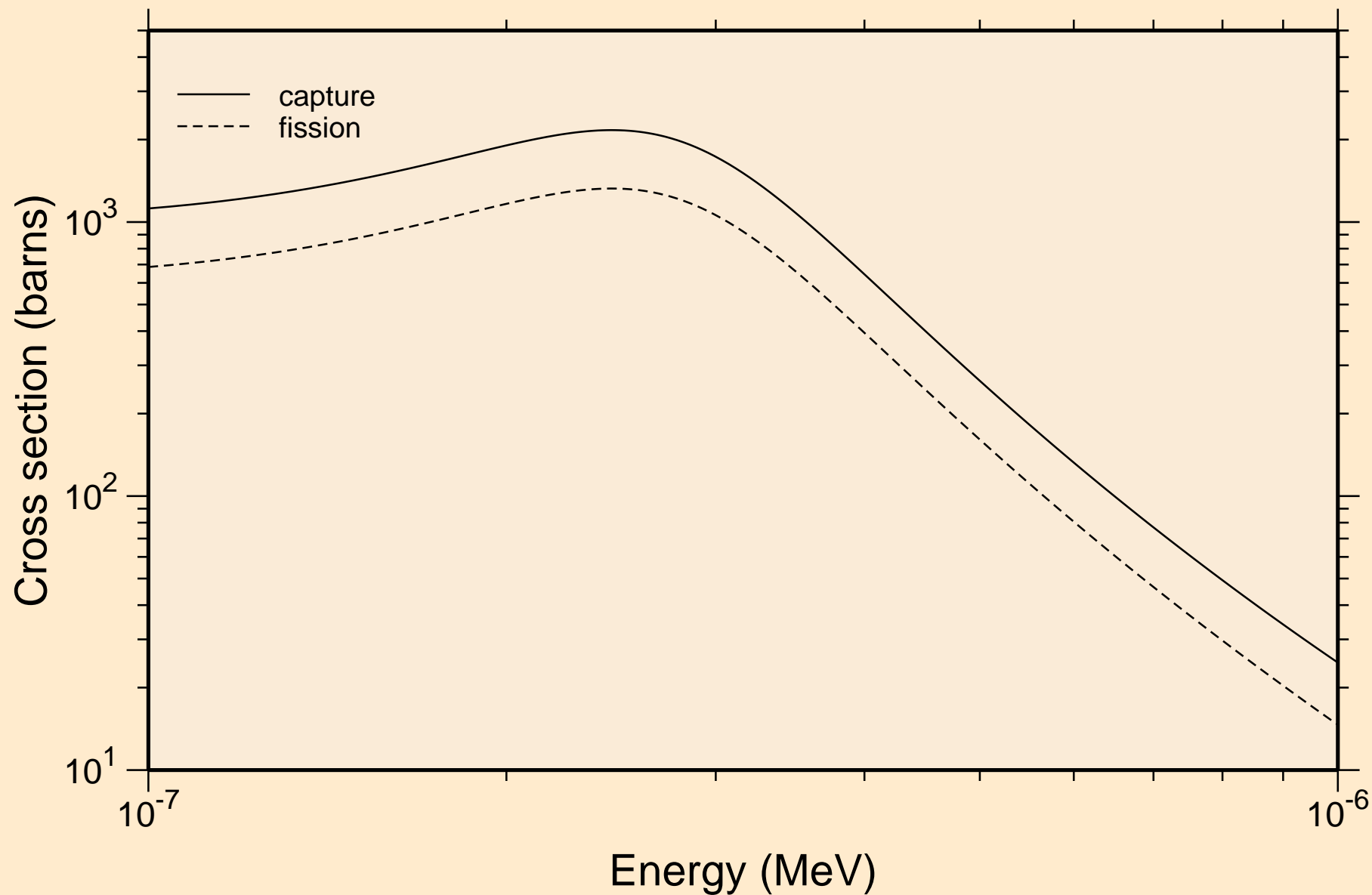
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resonance total cross section



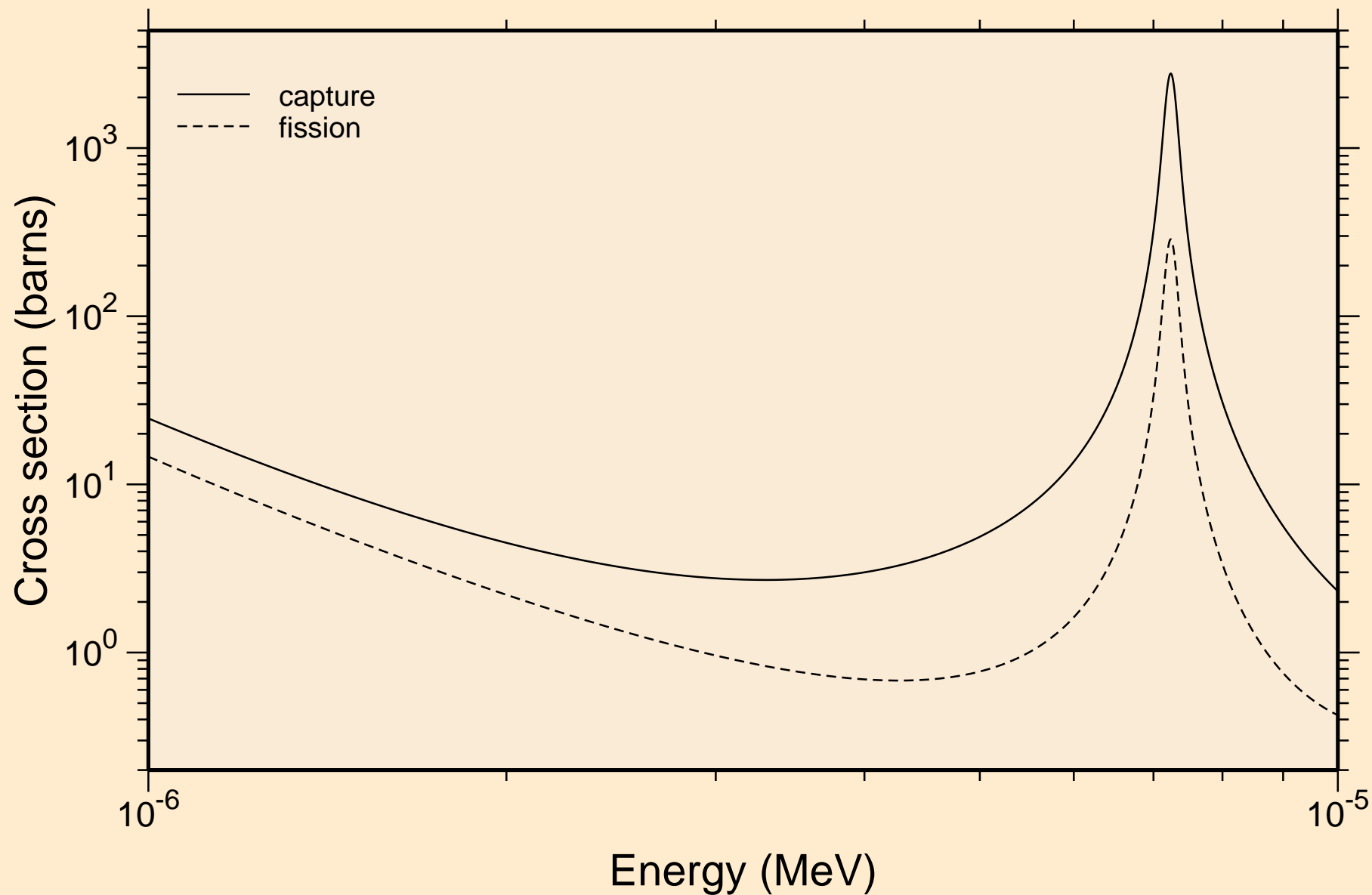
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resonance total cross section



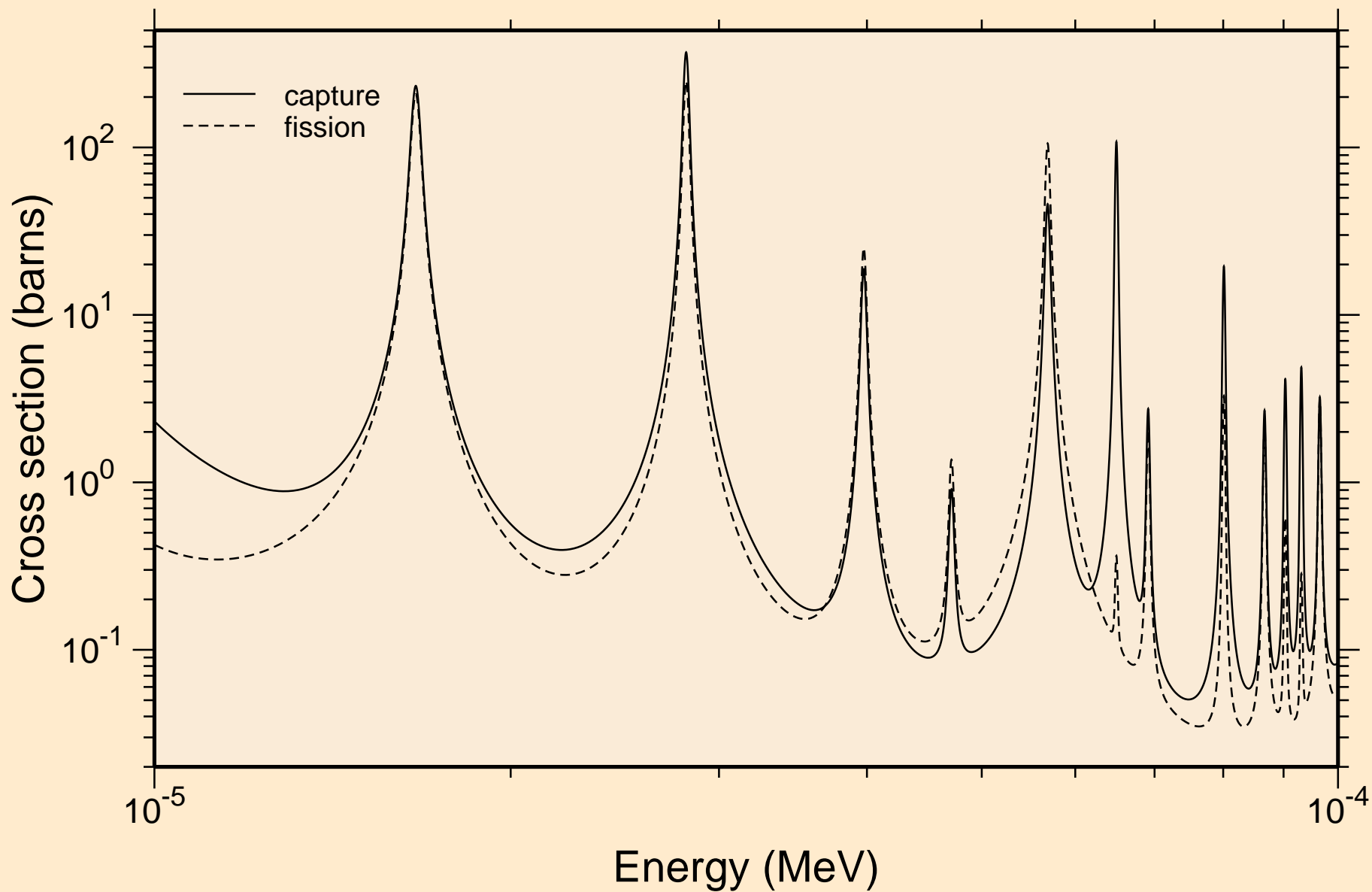
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



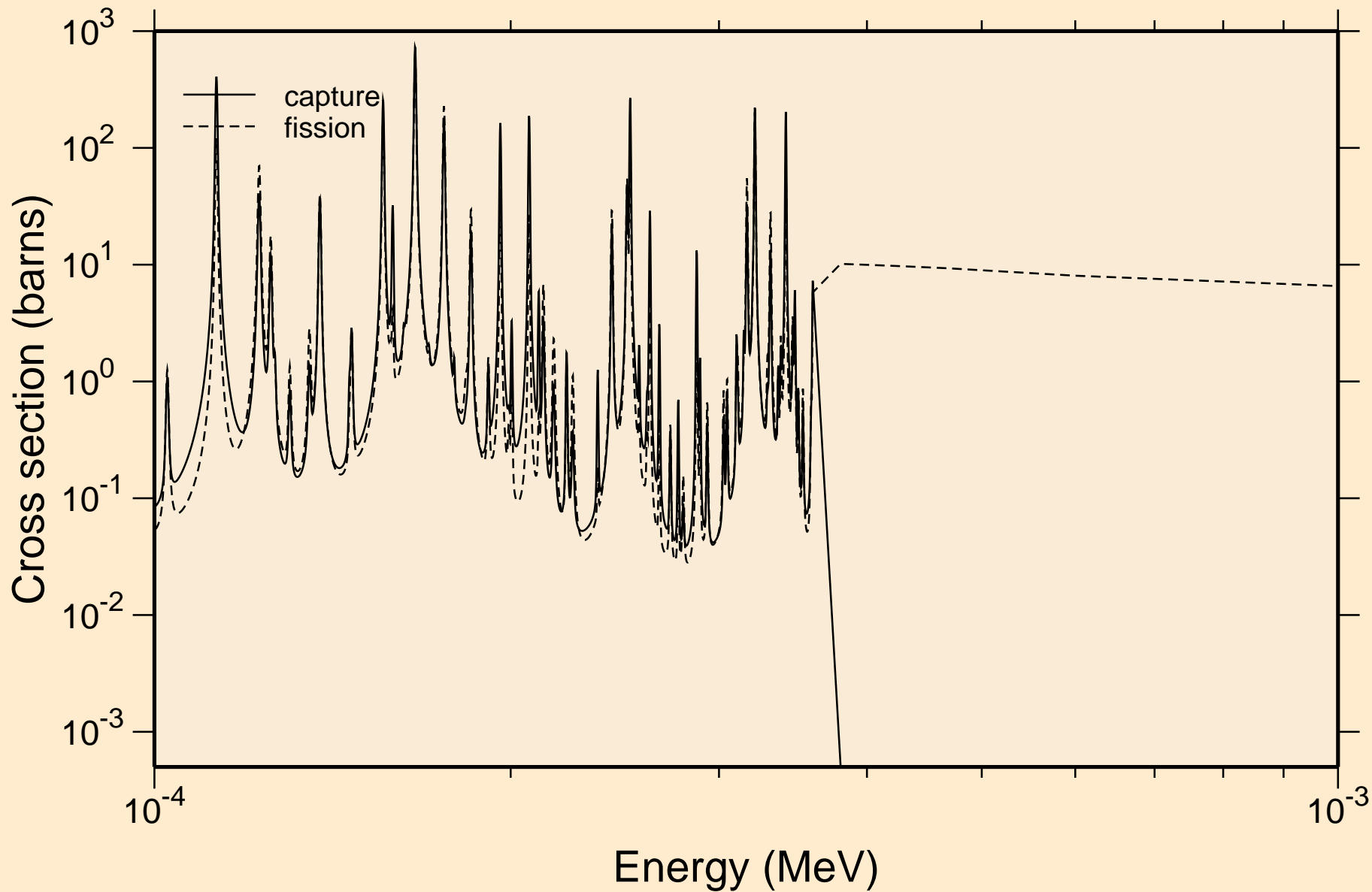
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resonance absorption cross sections



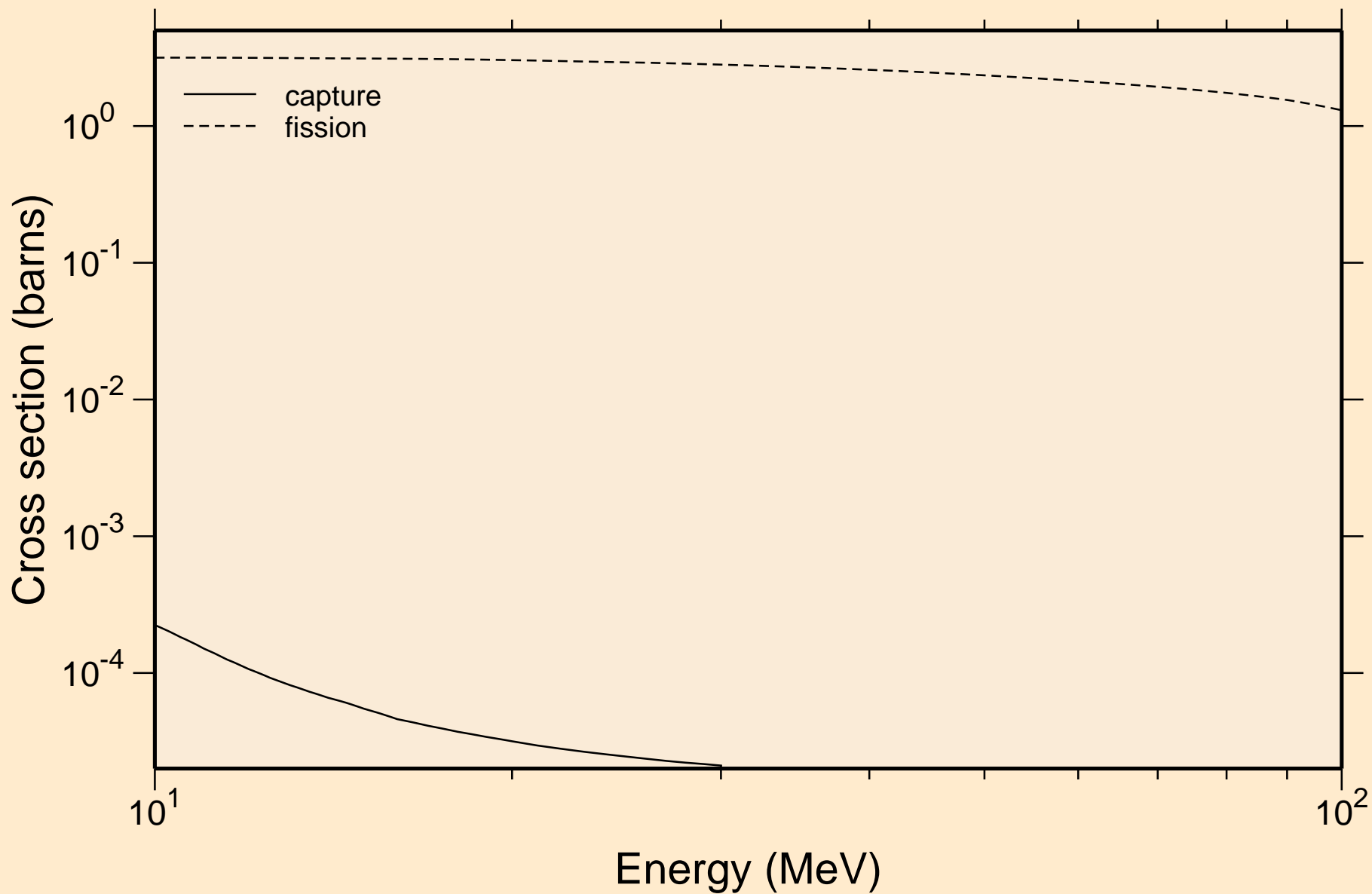
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



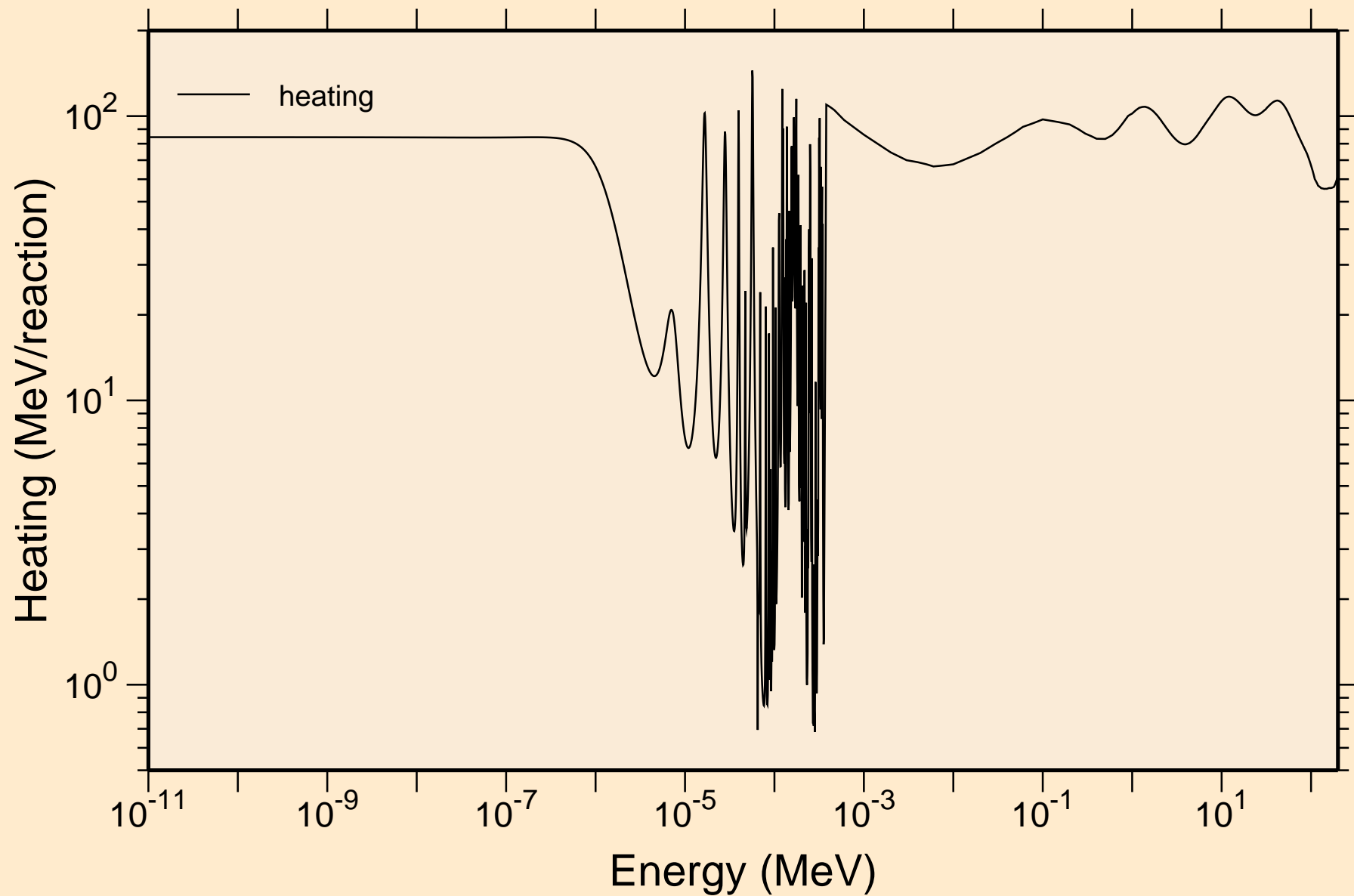
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

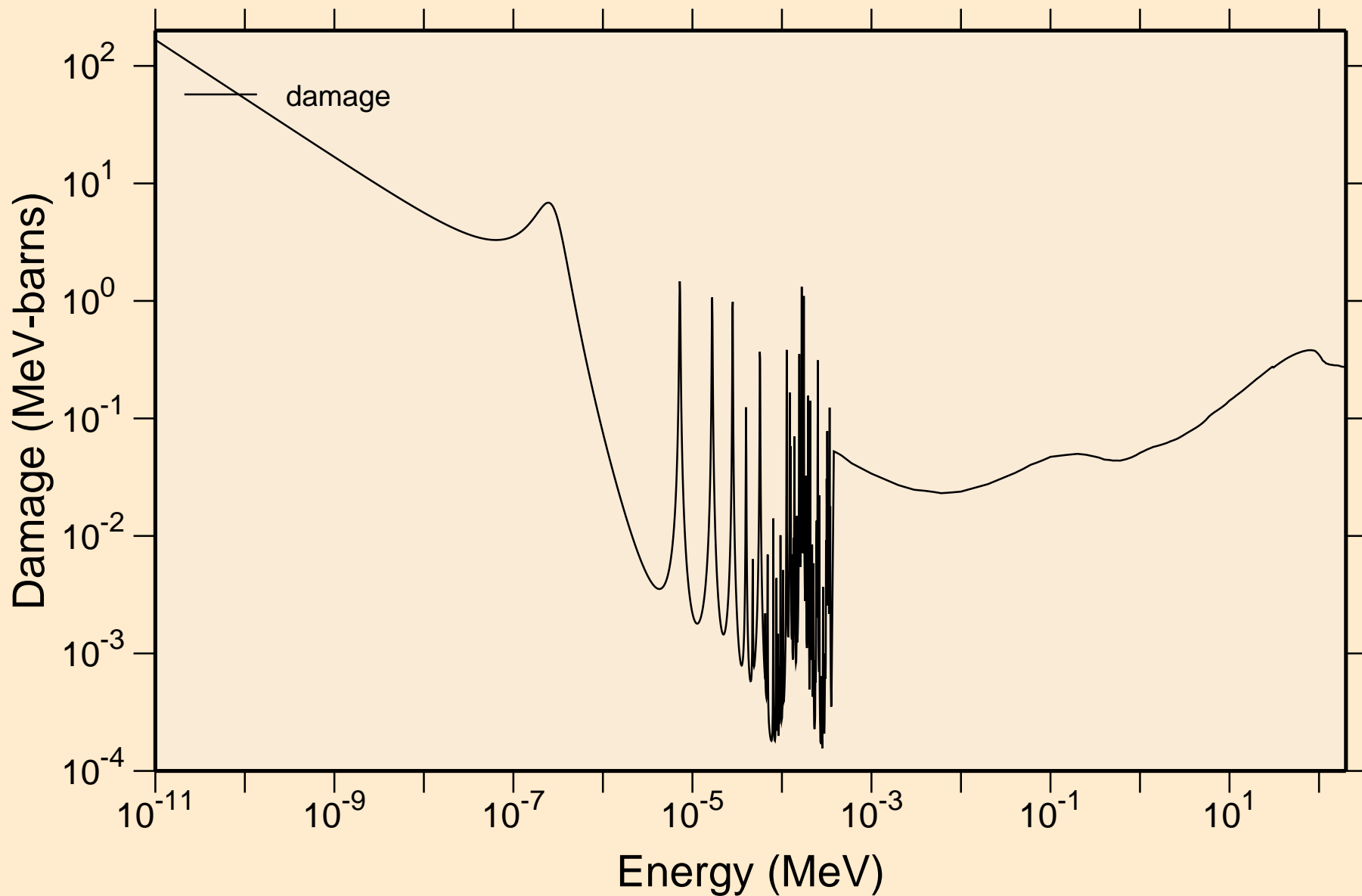


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

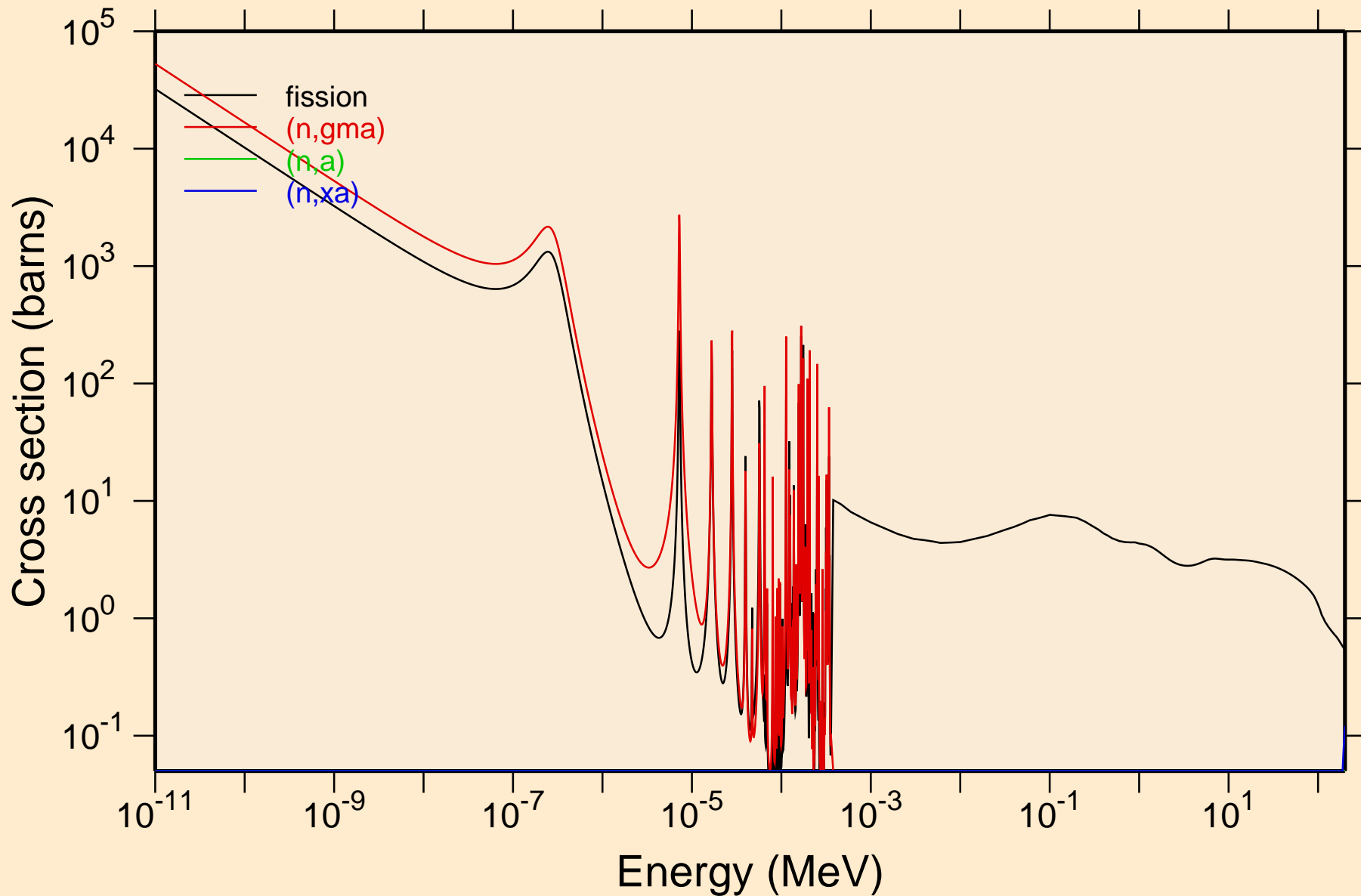


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Damage

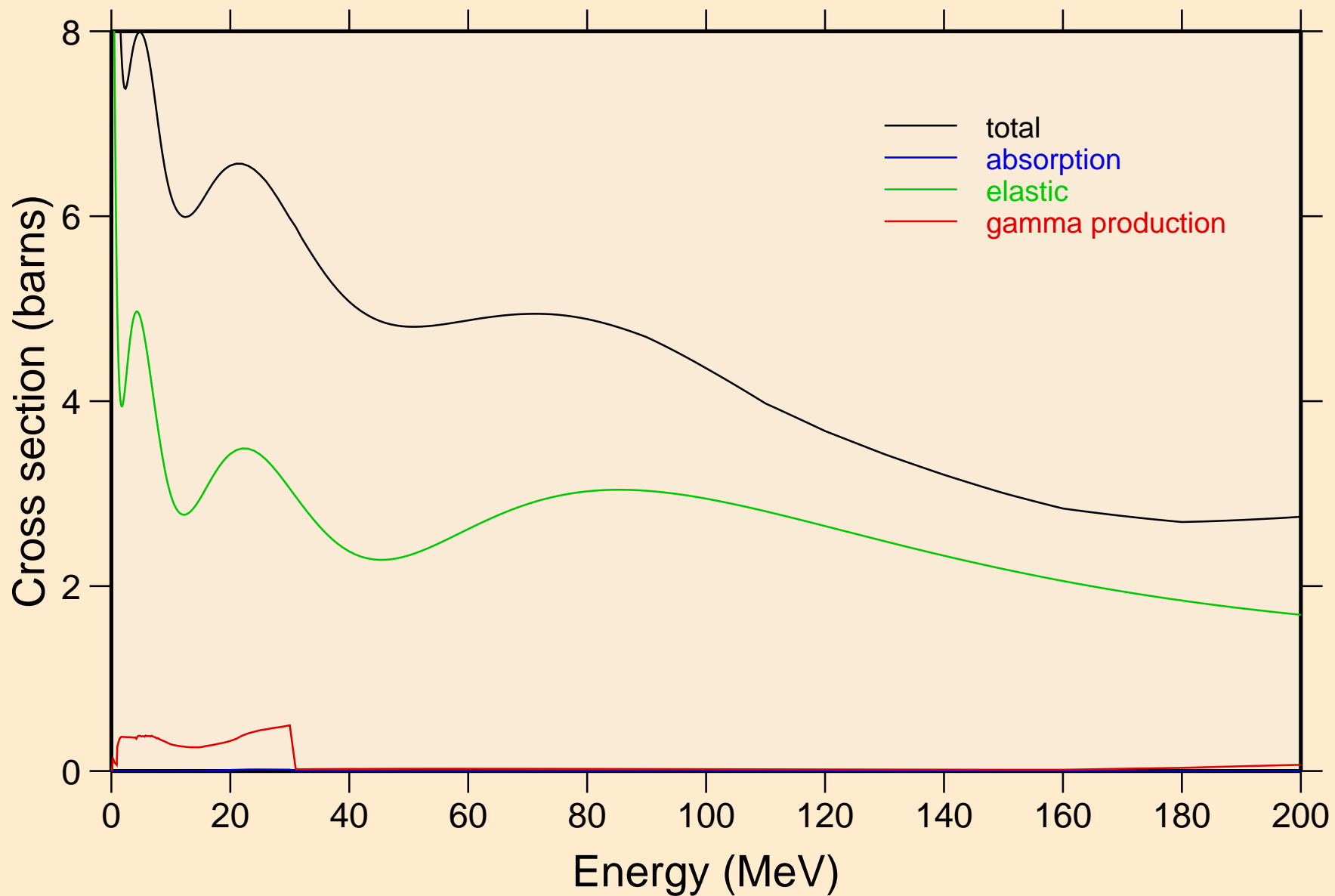


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

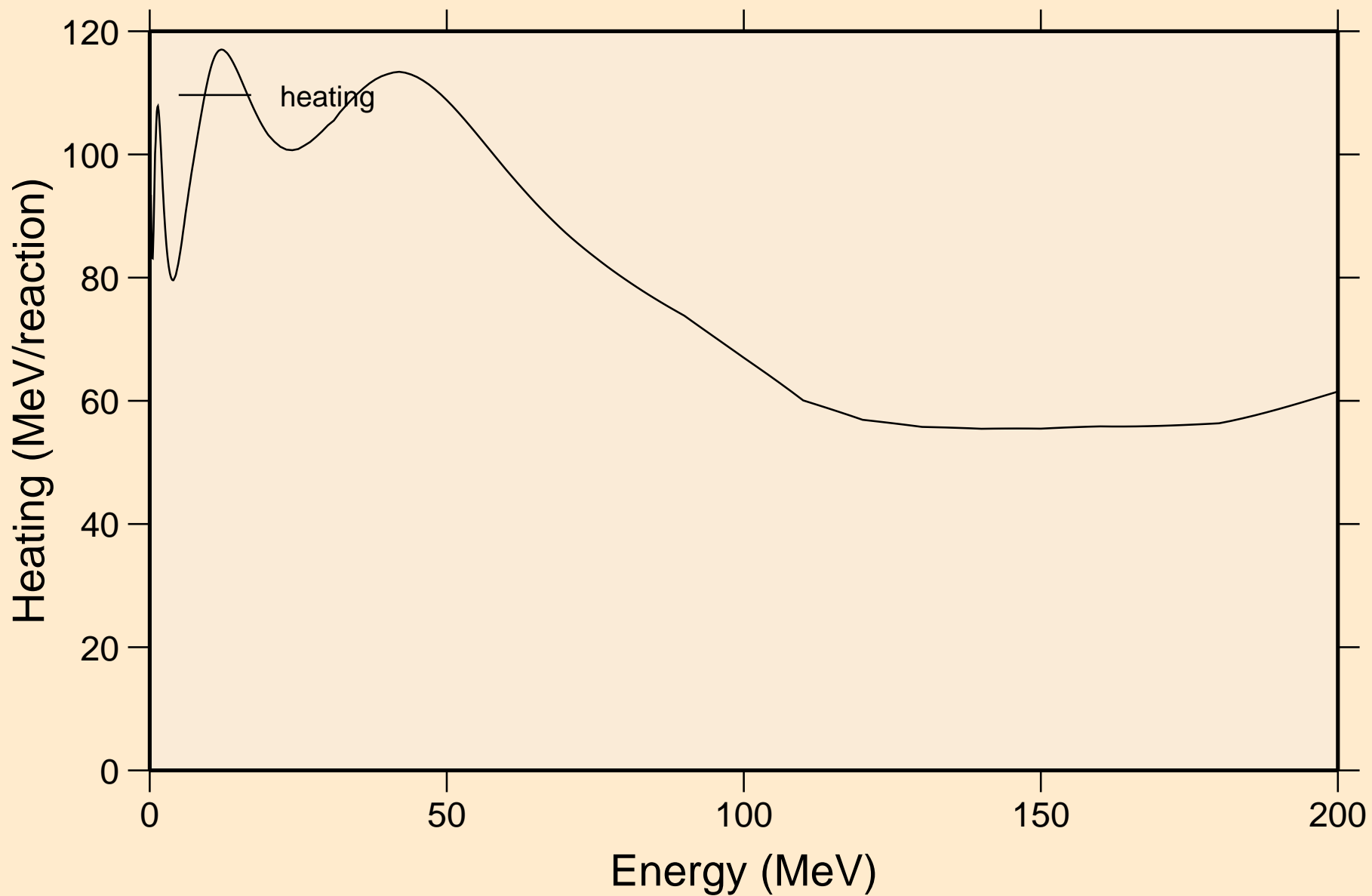


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Principal cross sections

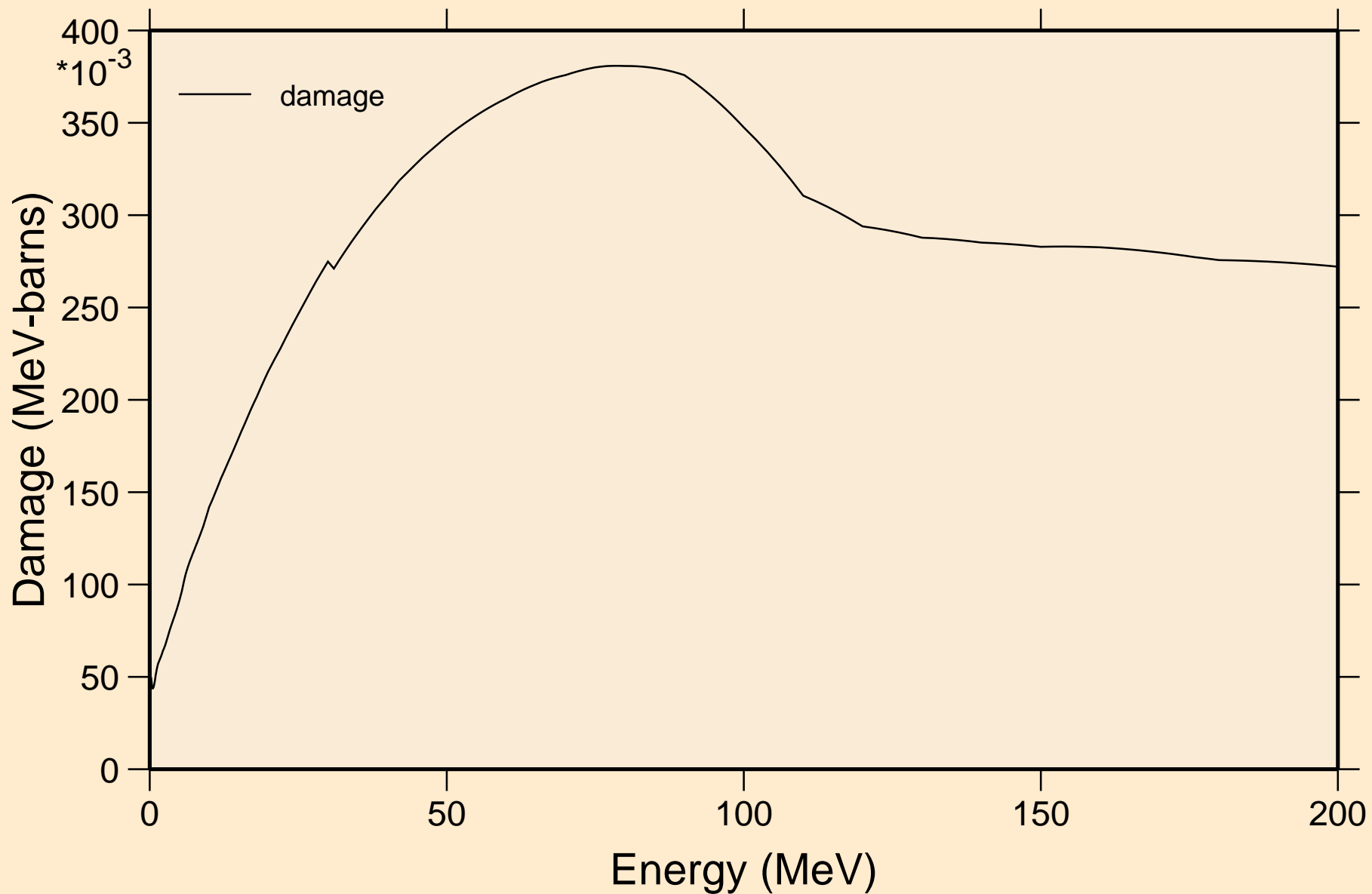


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

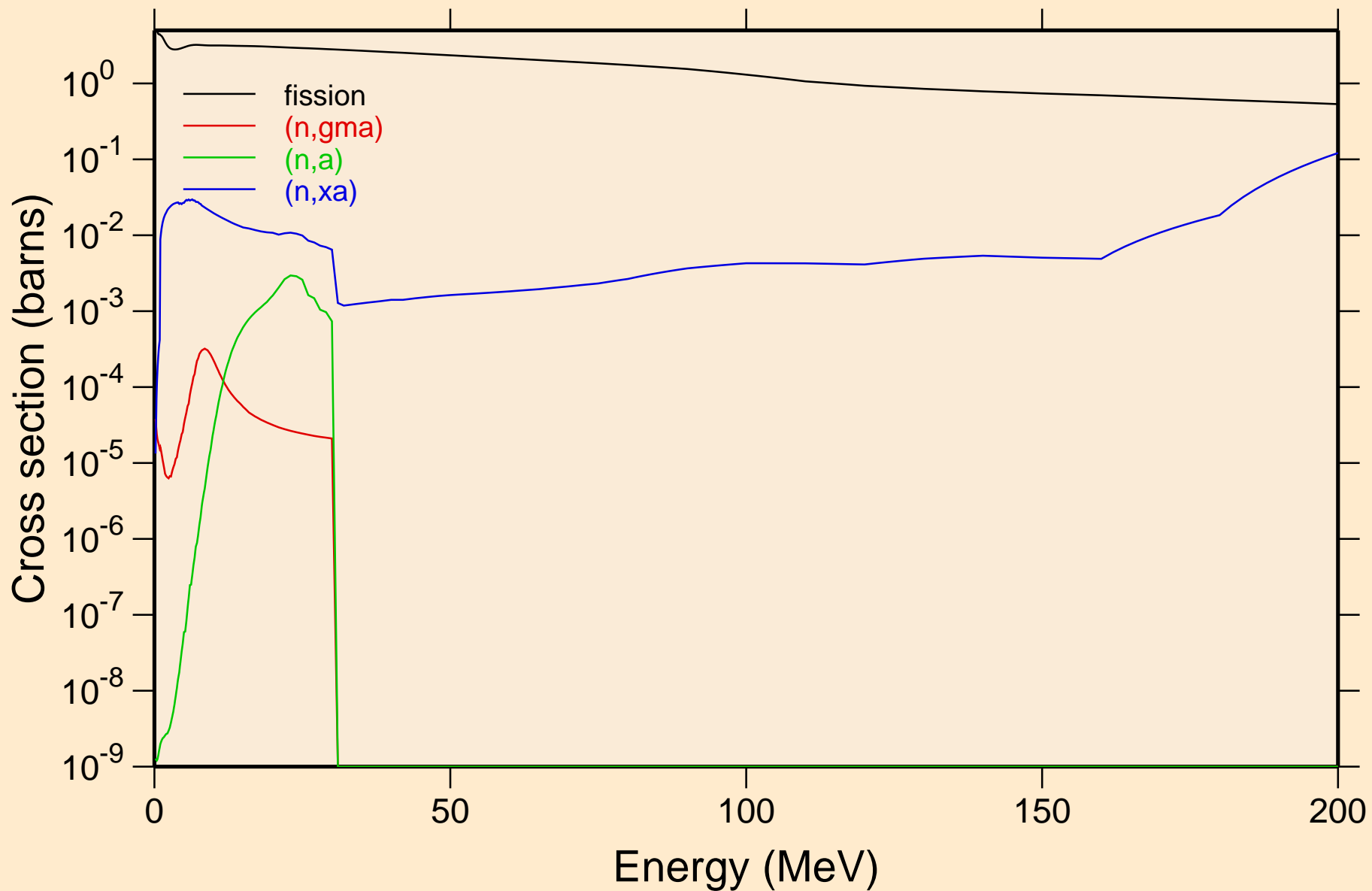


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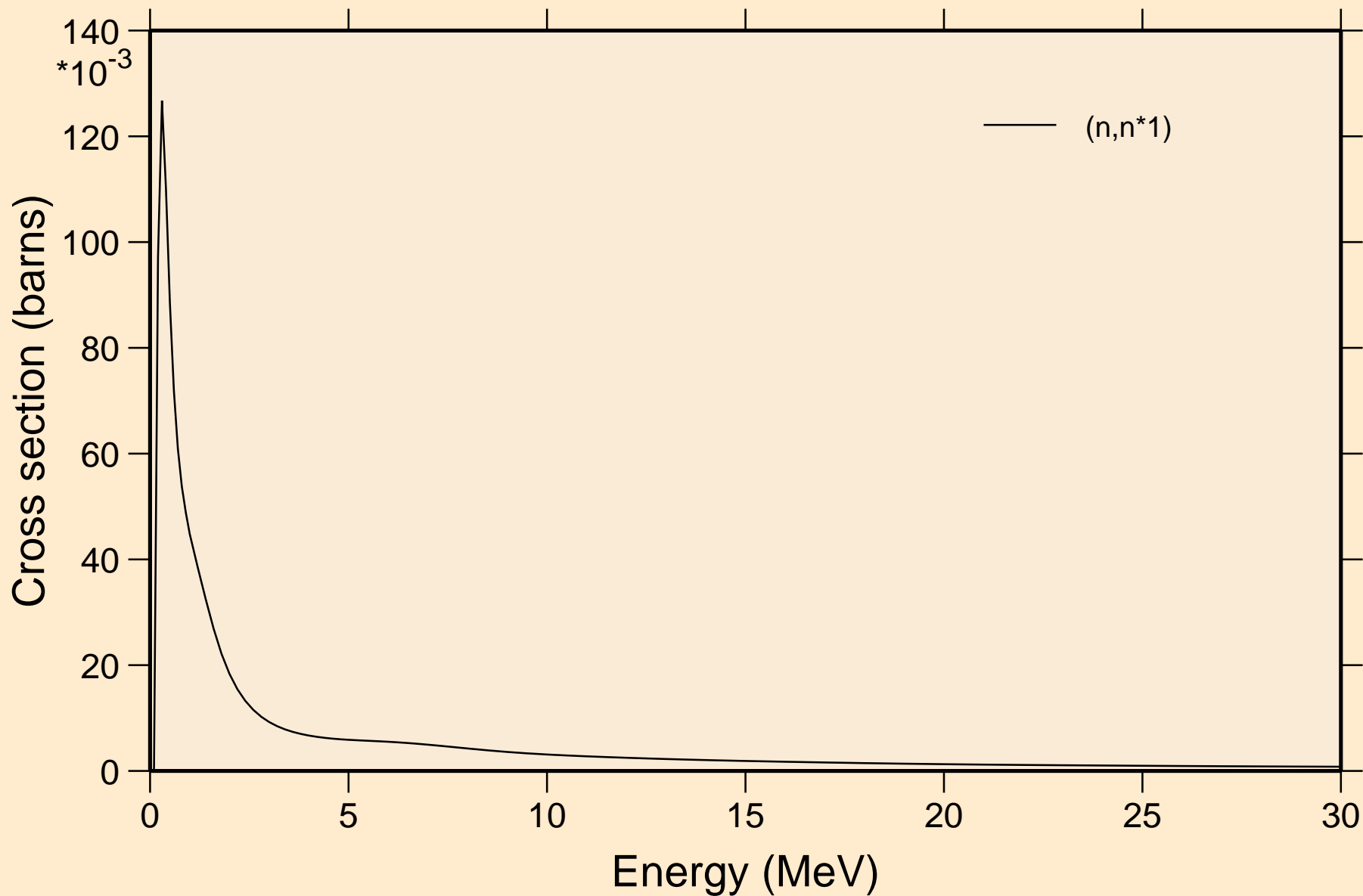
Damage



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

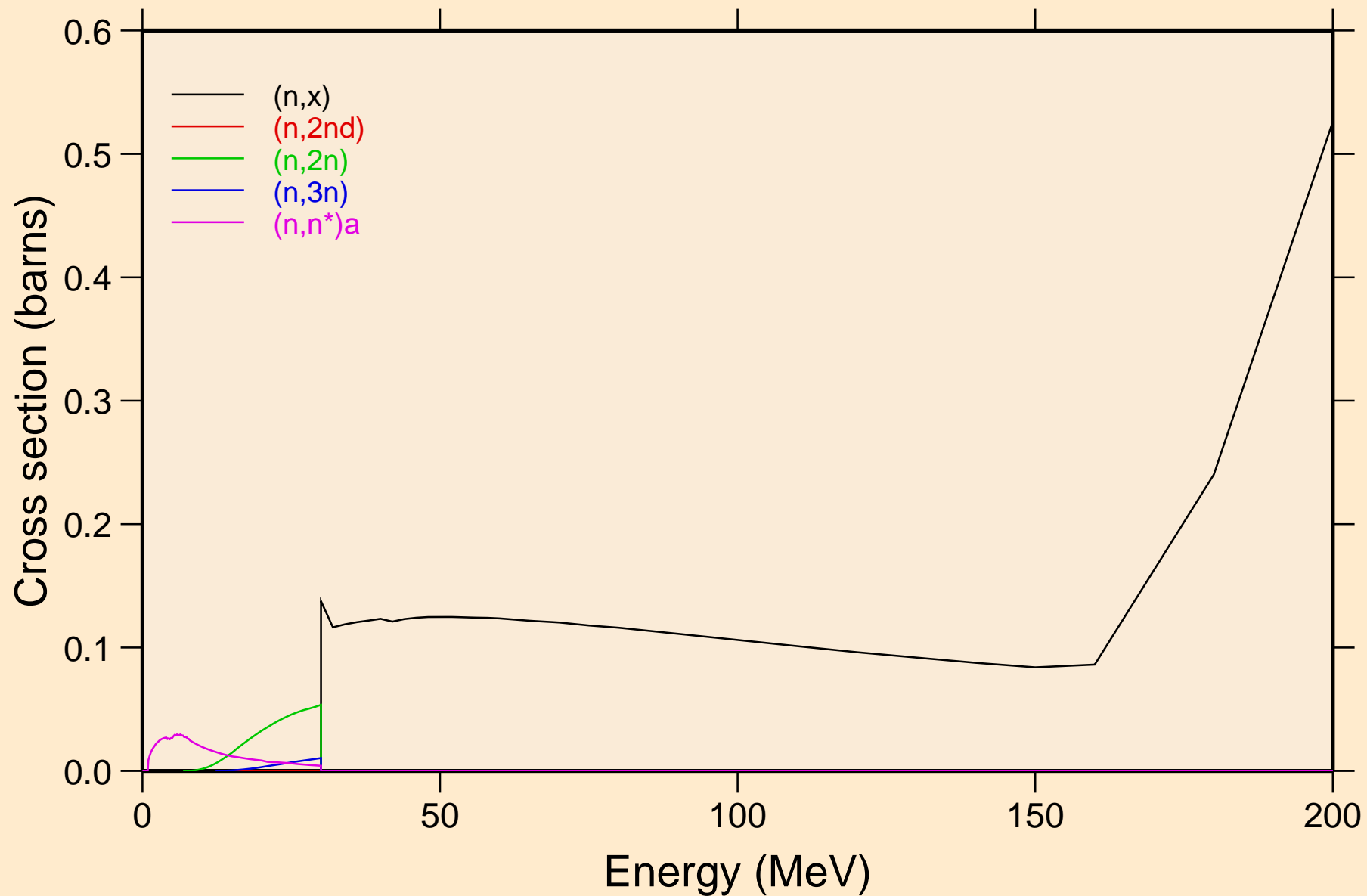


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

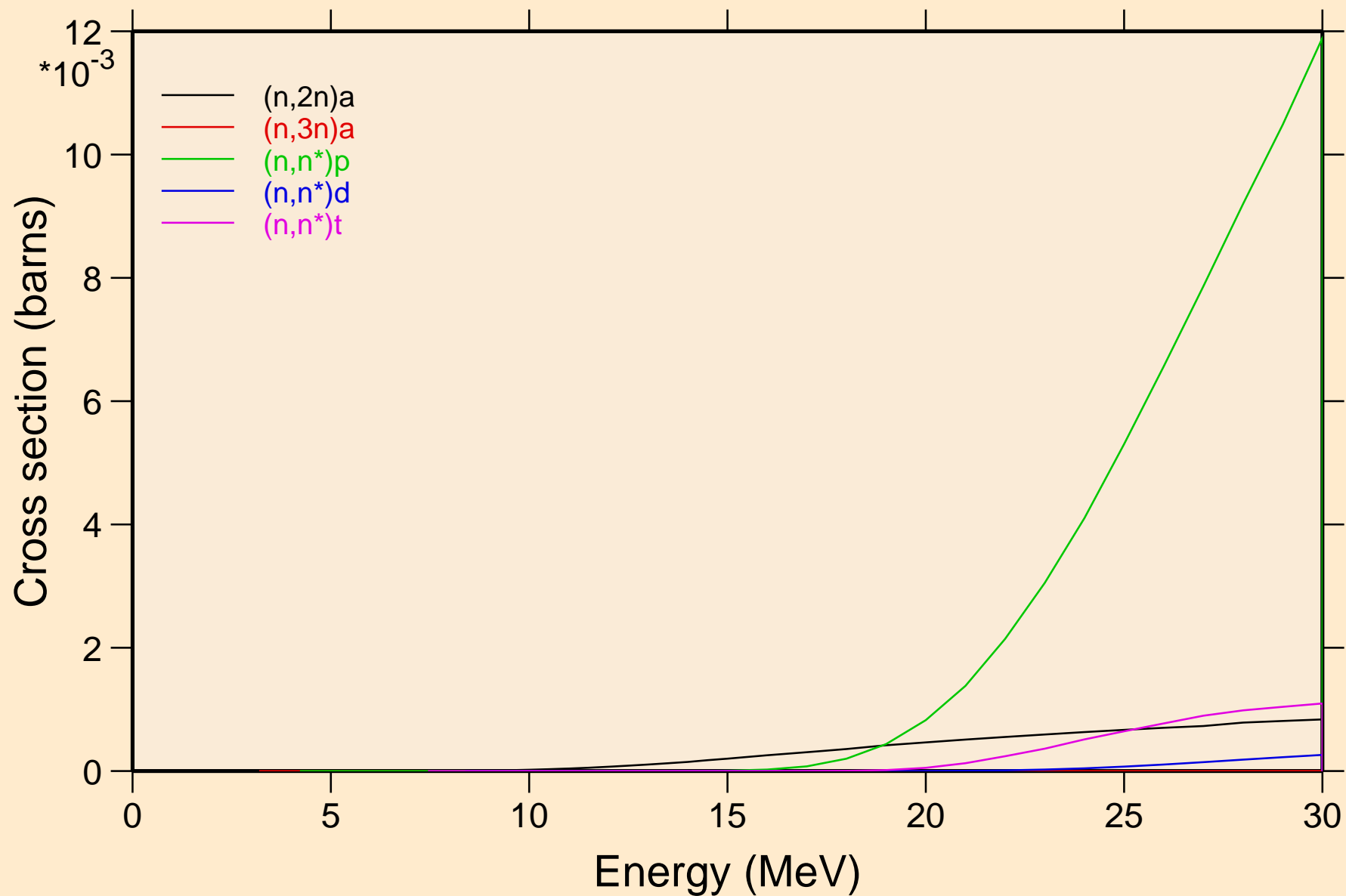


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

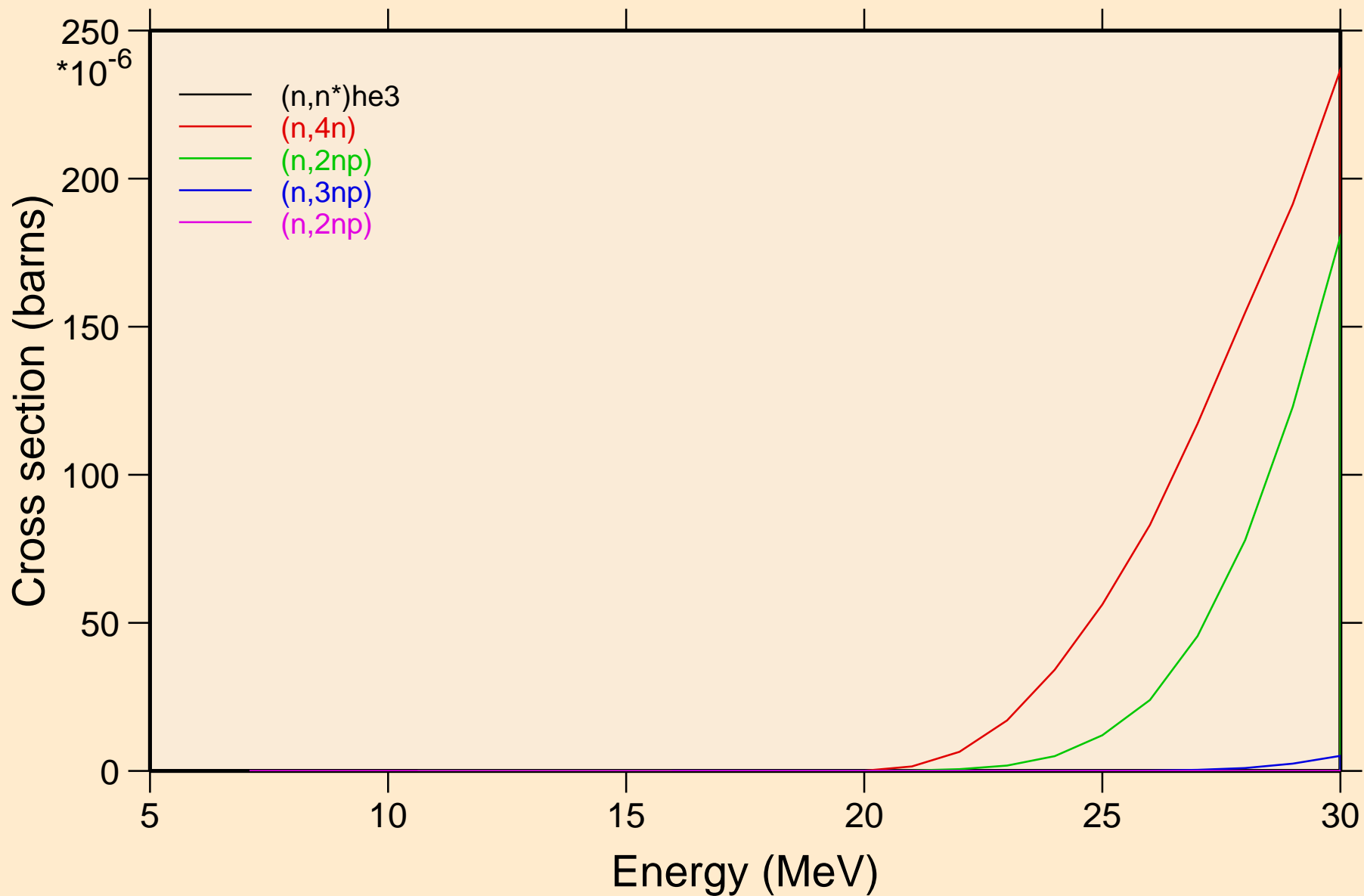


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



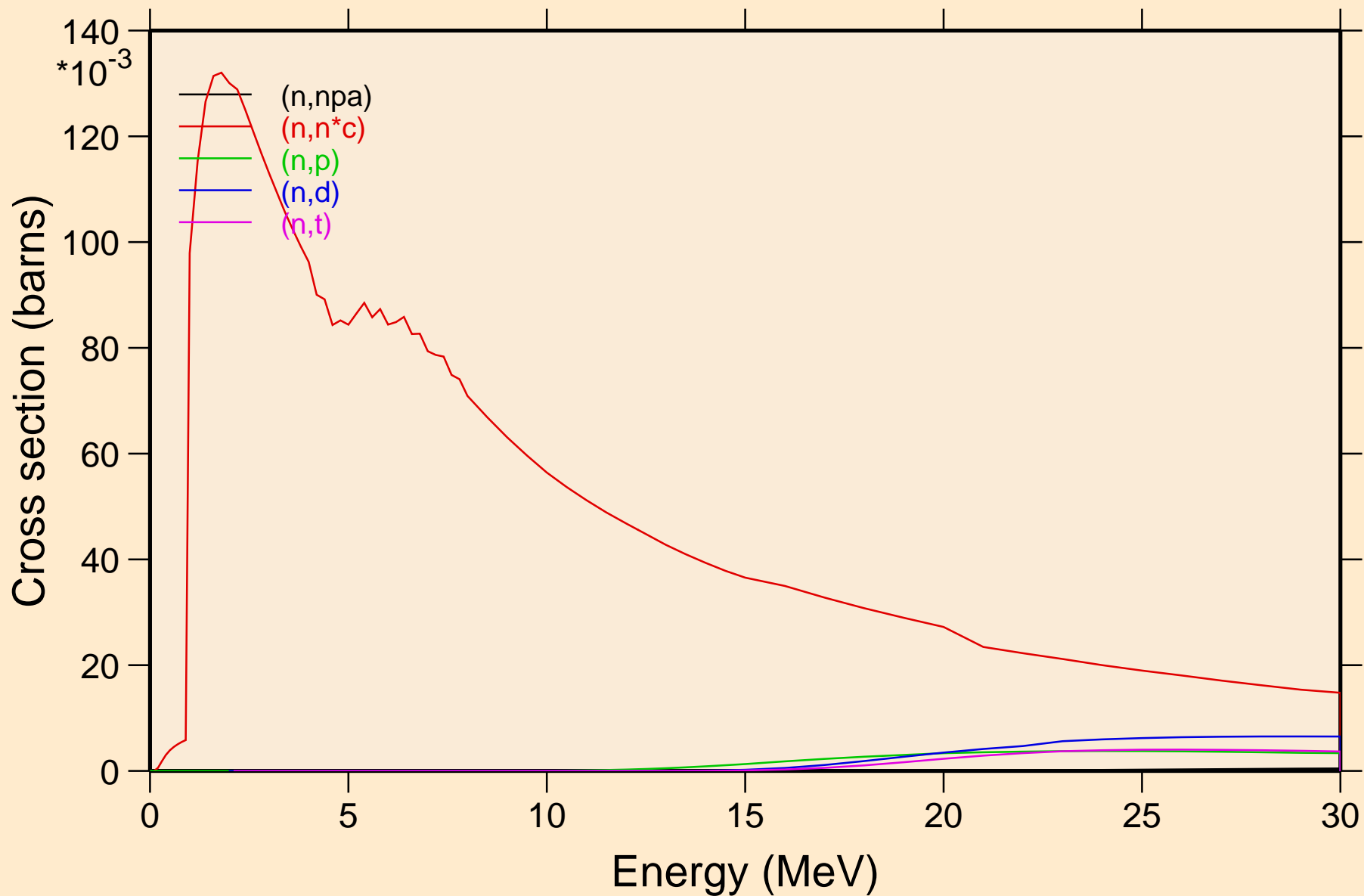
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

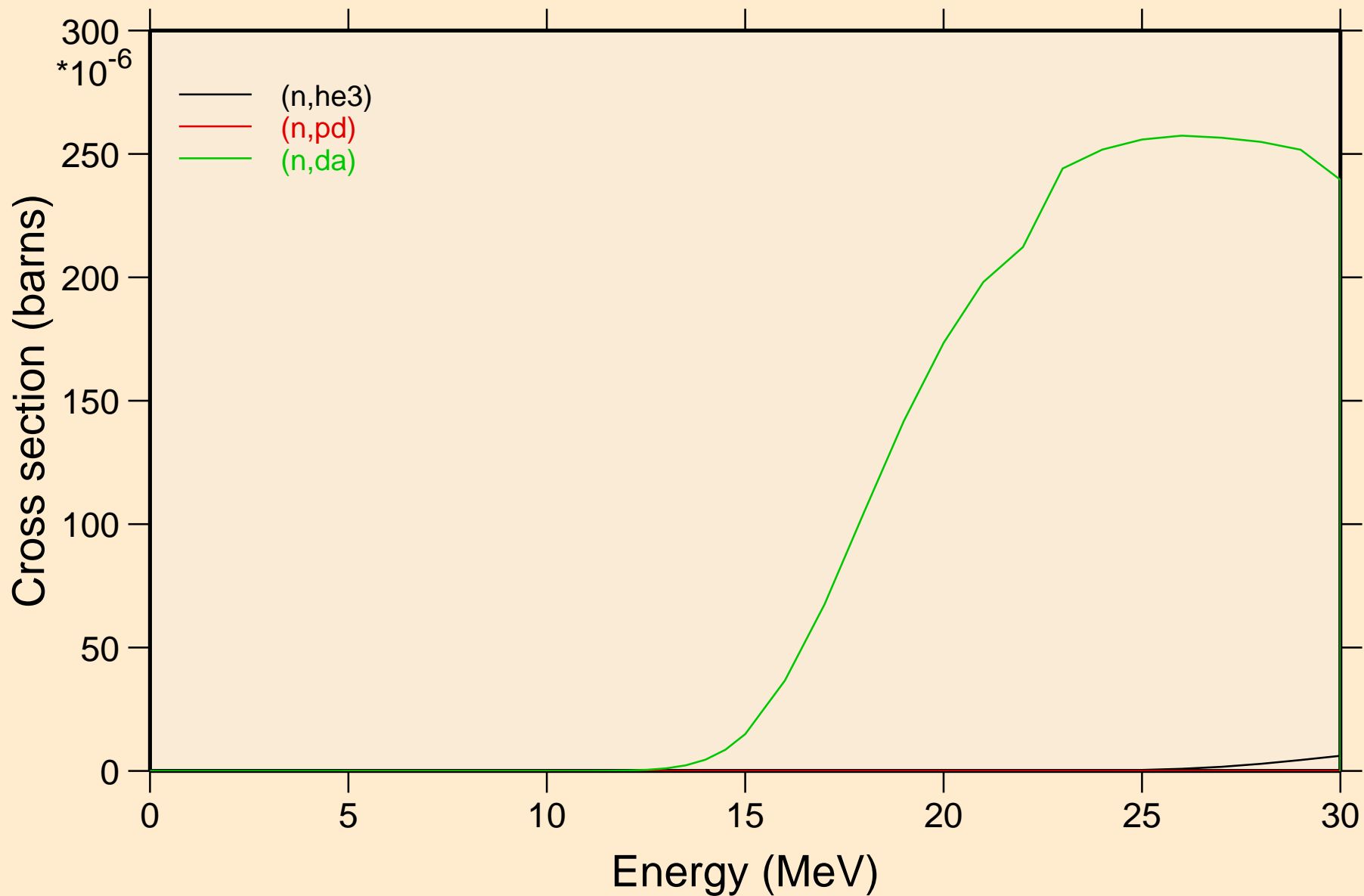


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

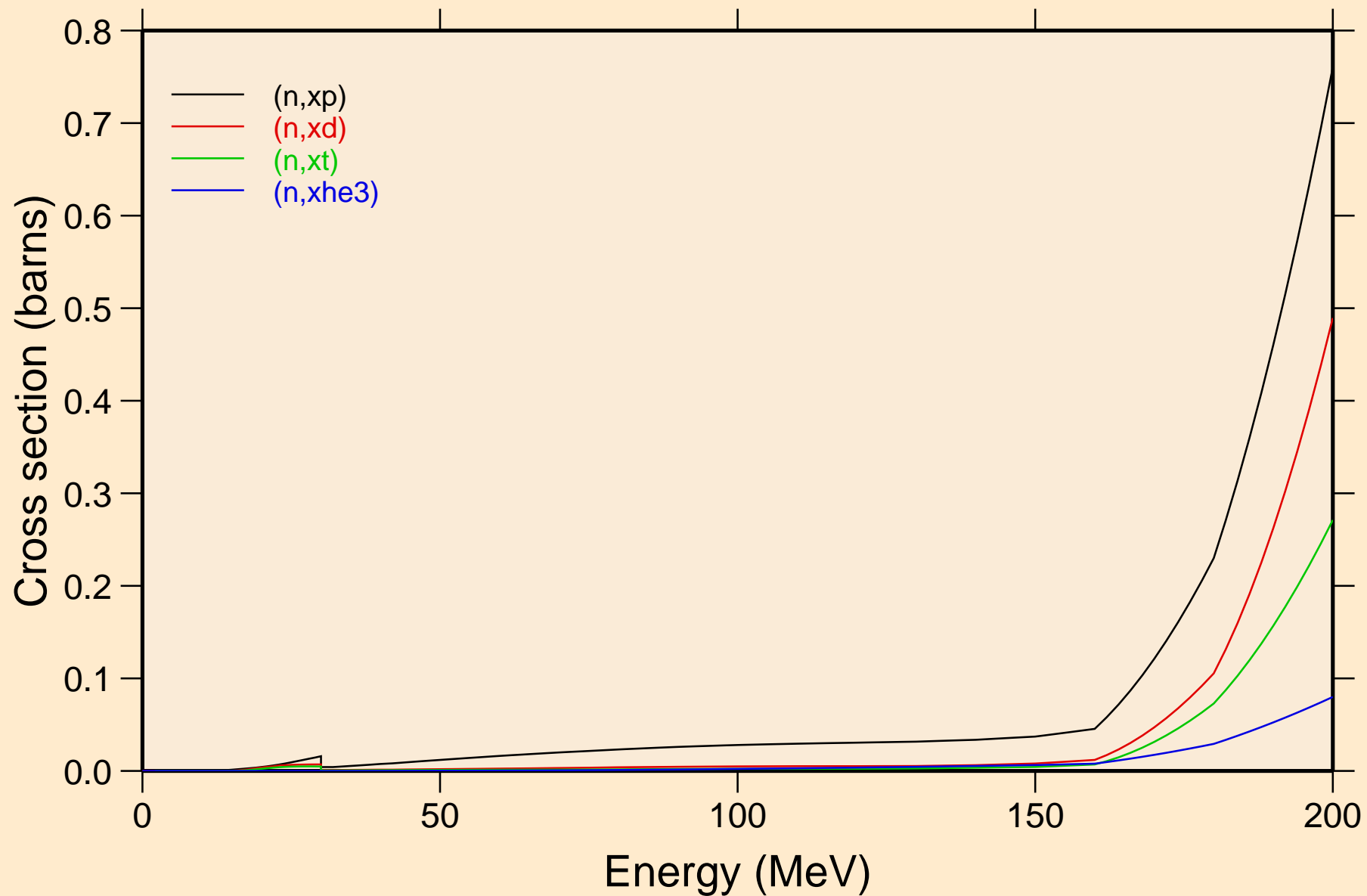
Threshold reactions



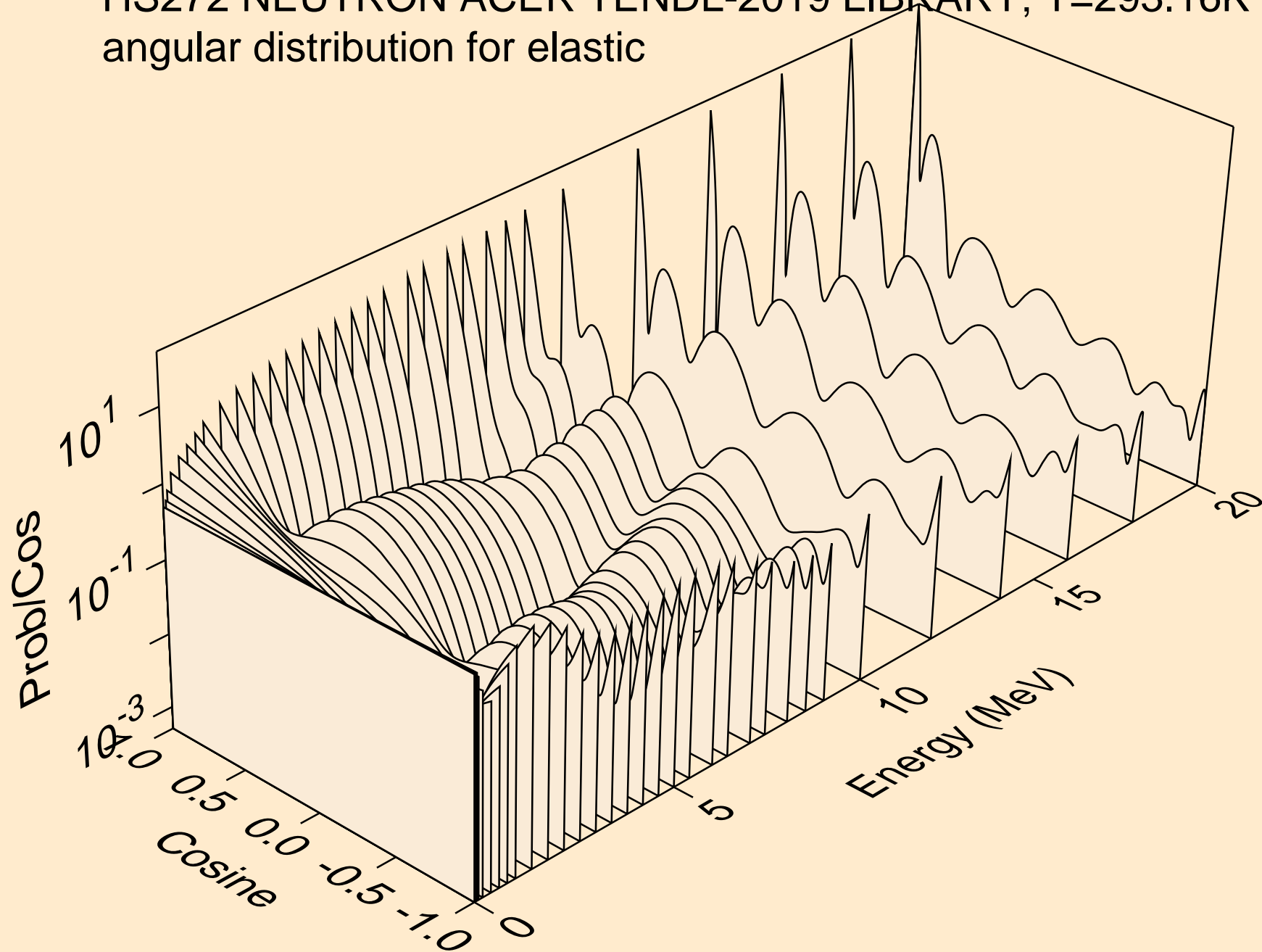
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



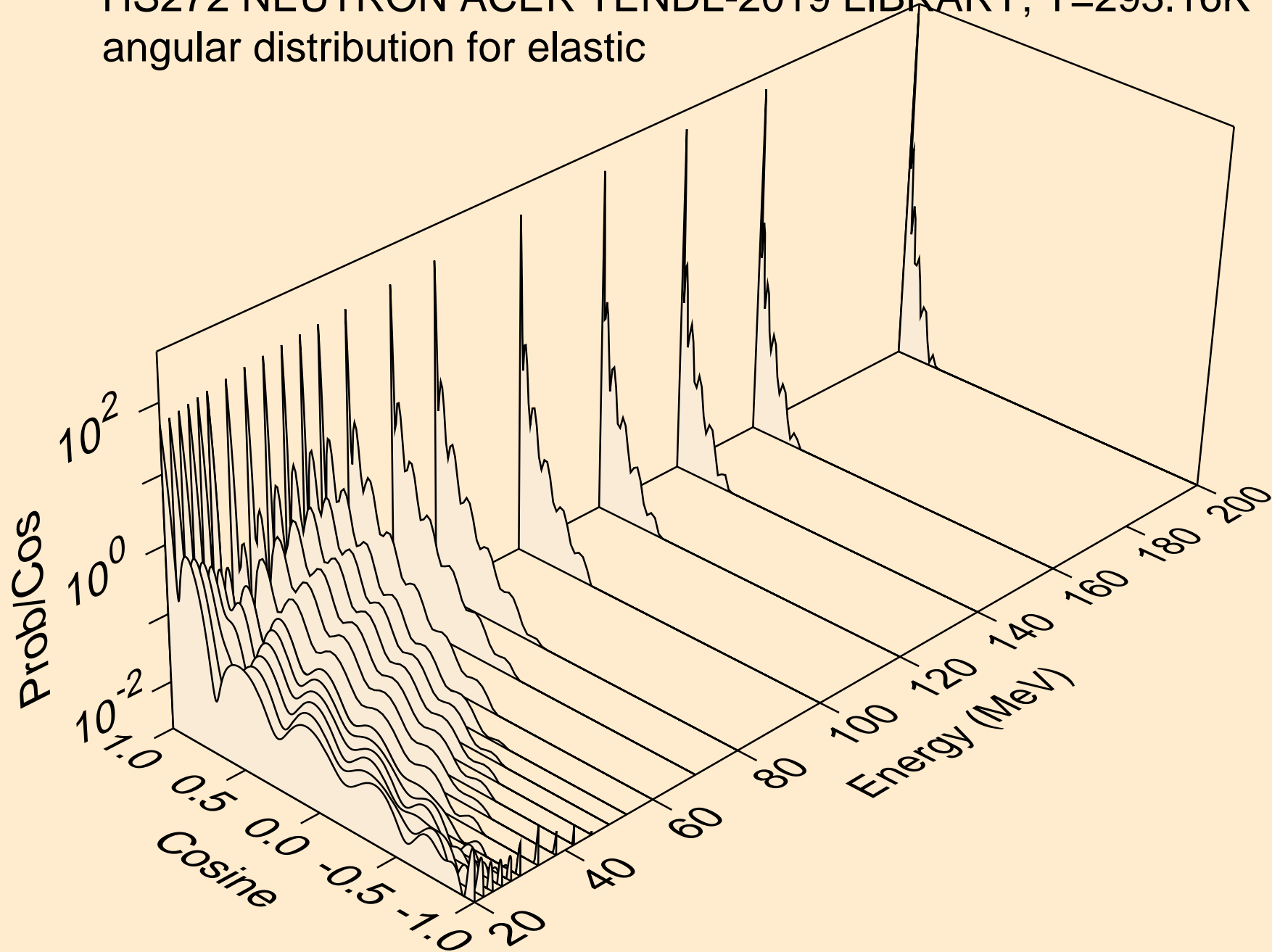
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



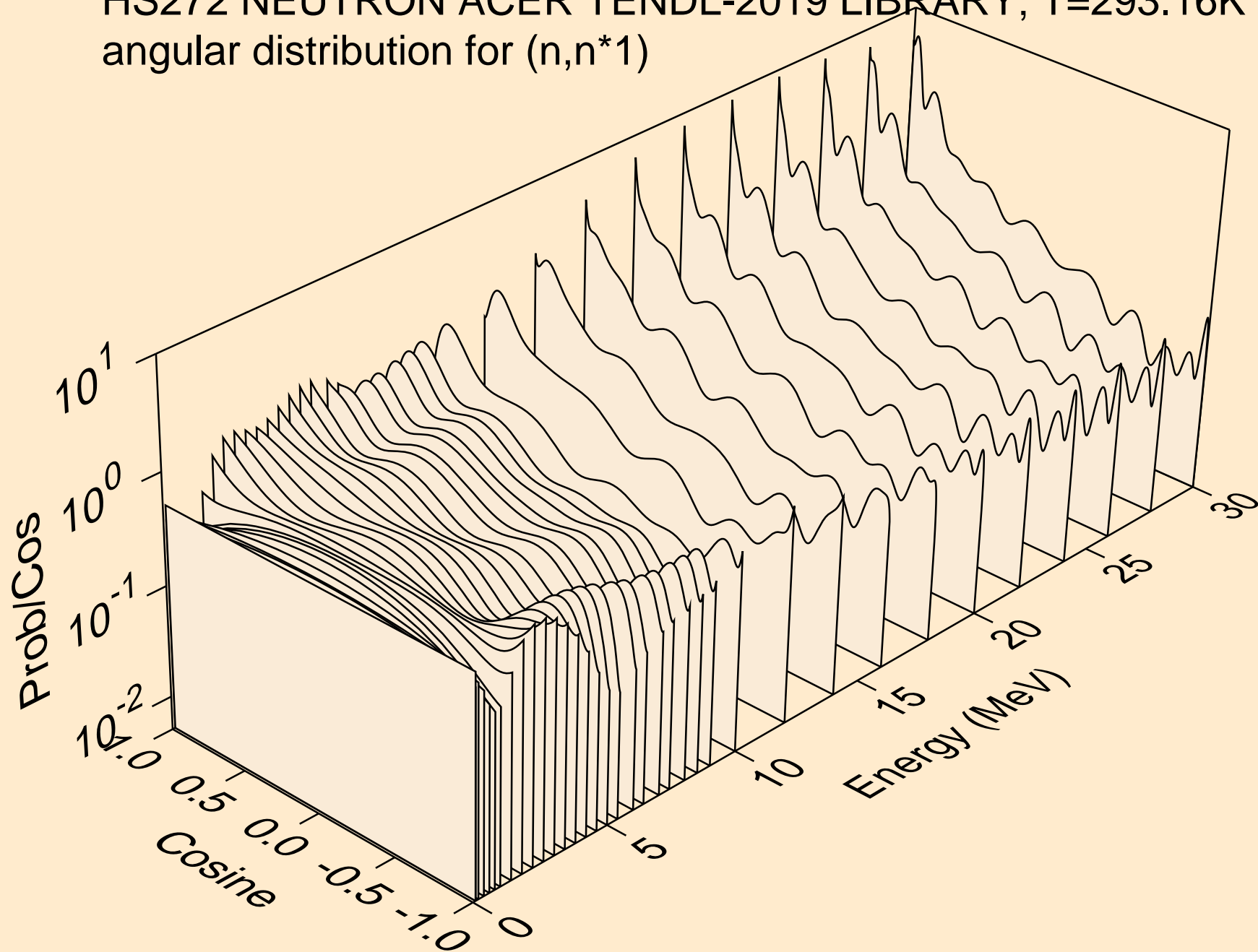
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



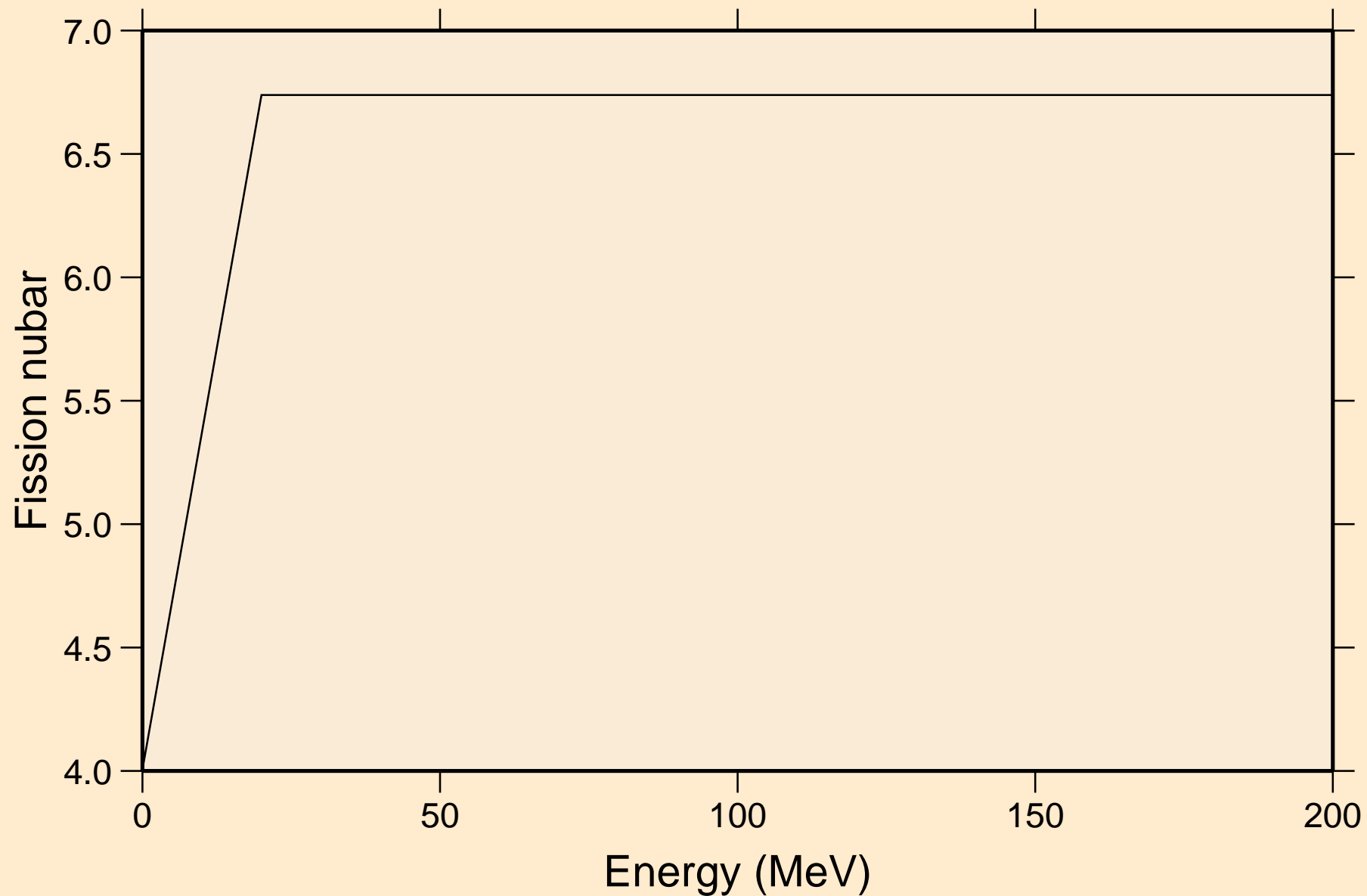
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



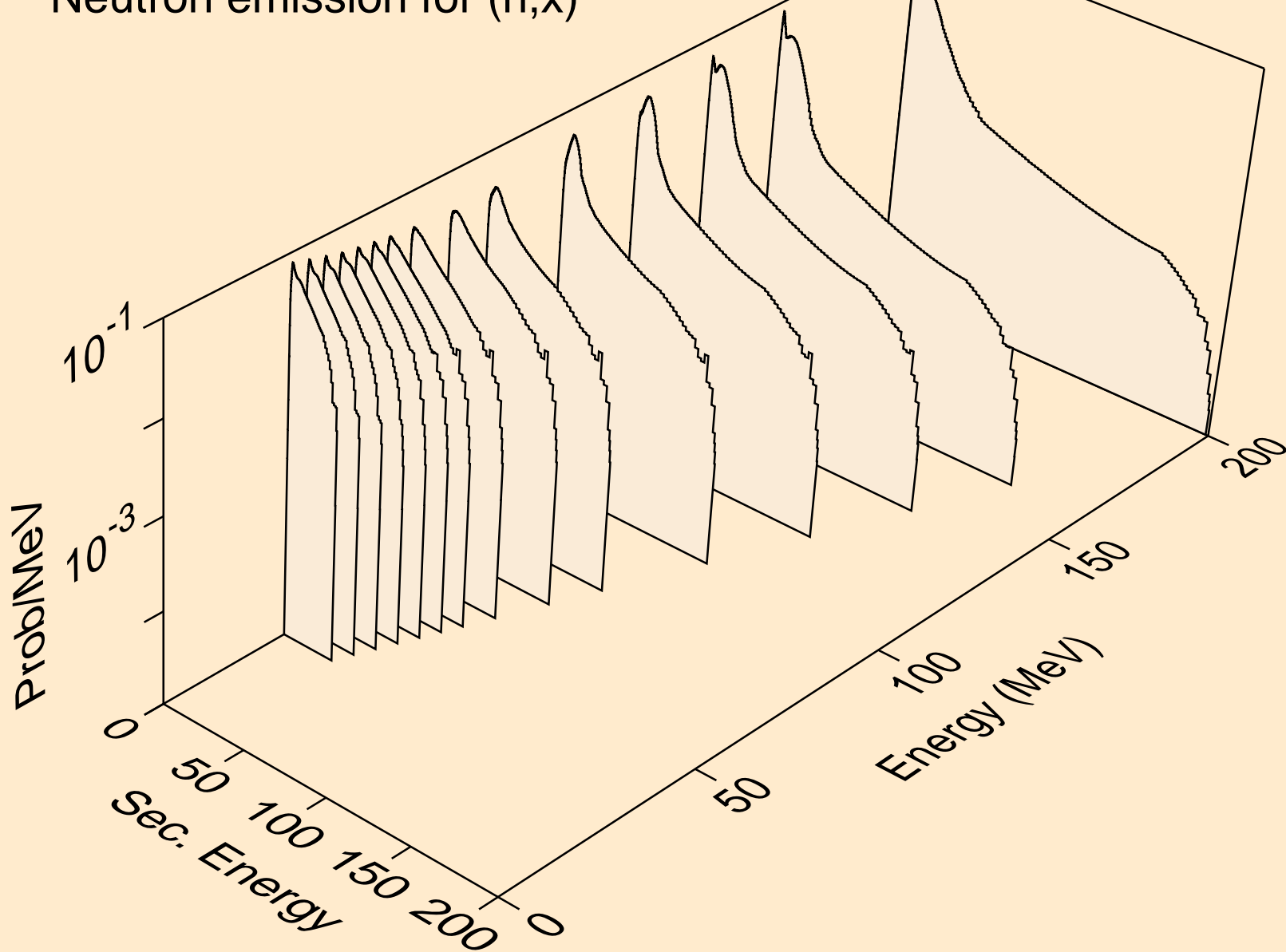
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



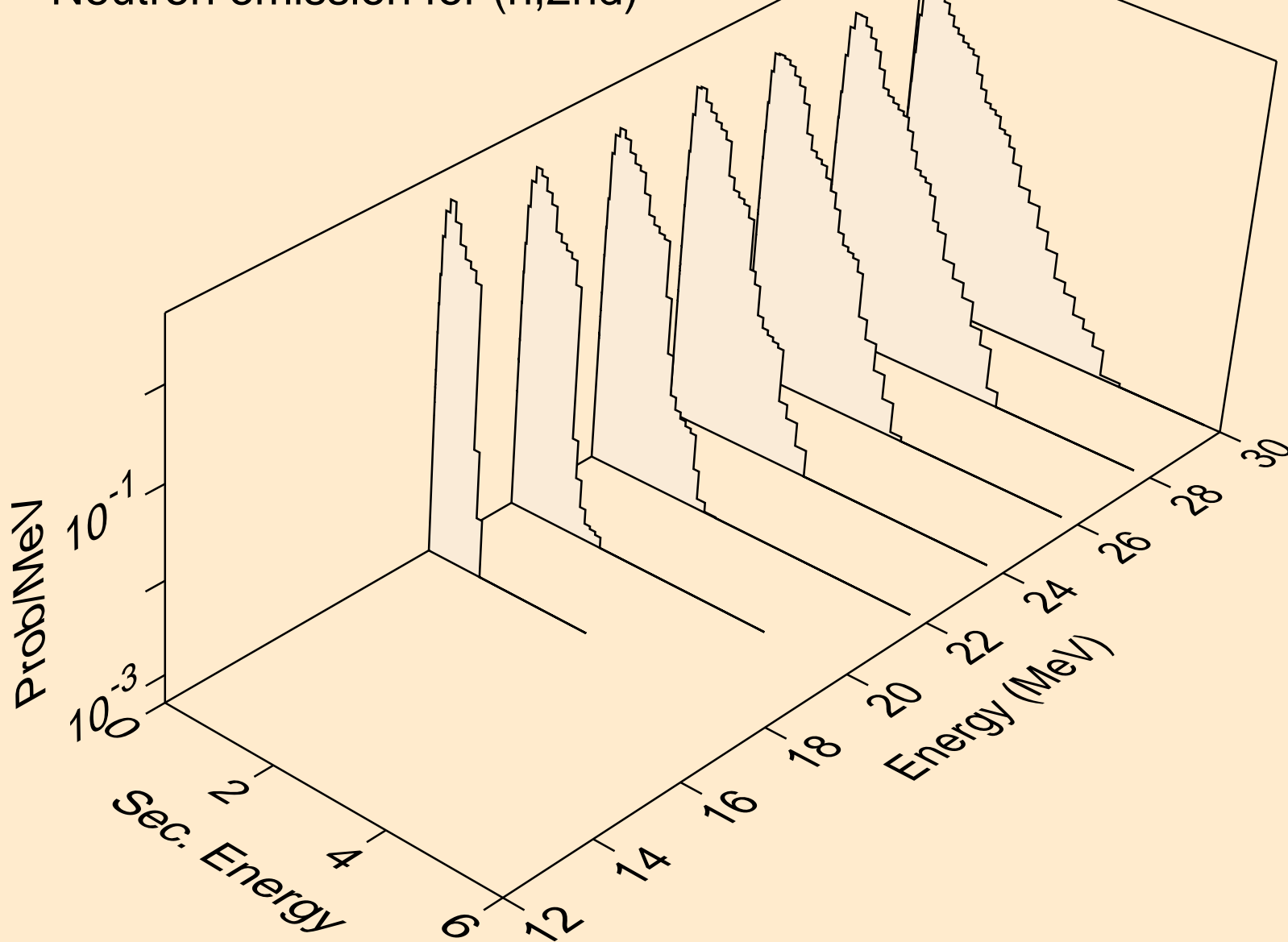
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



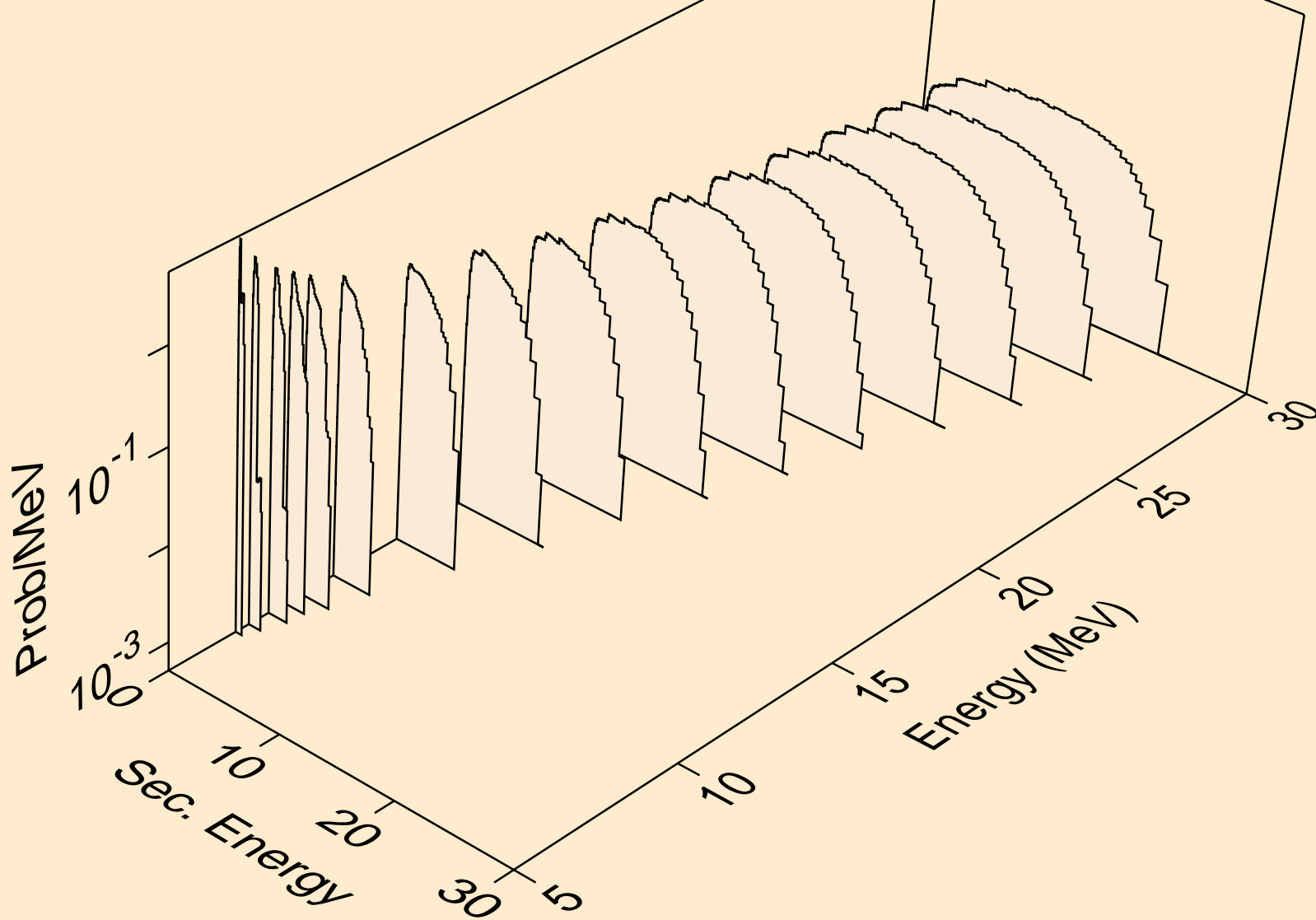
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



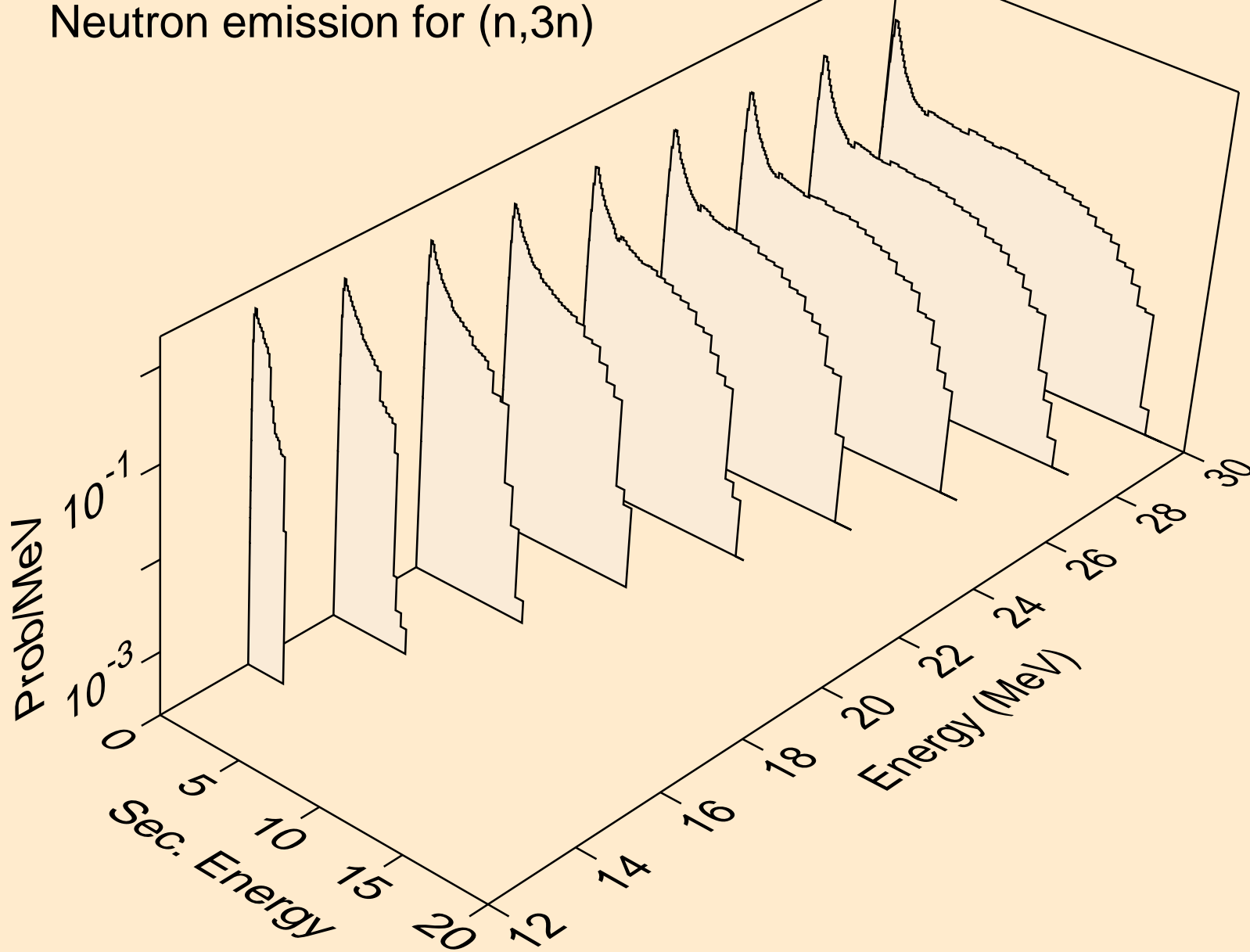
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



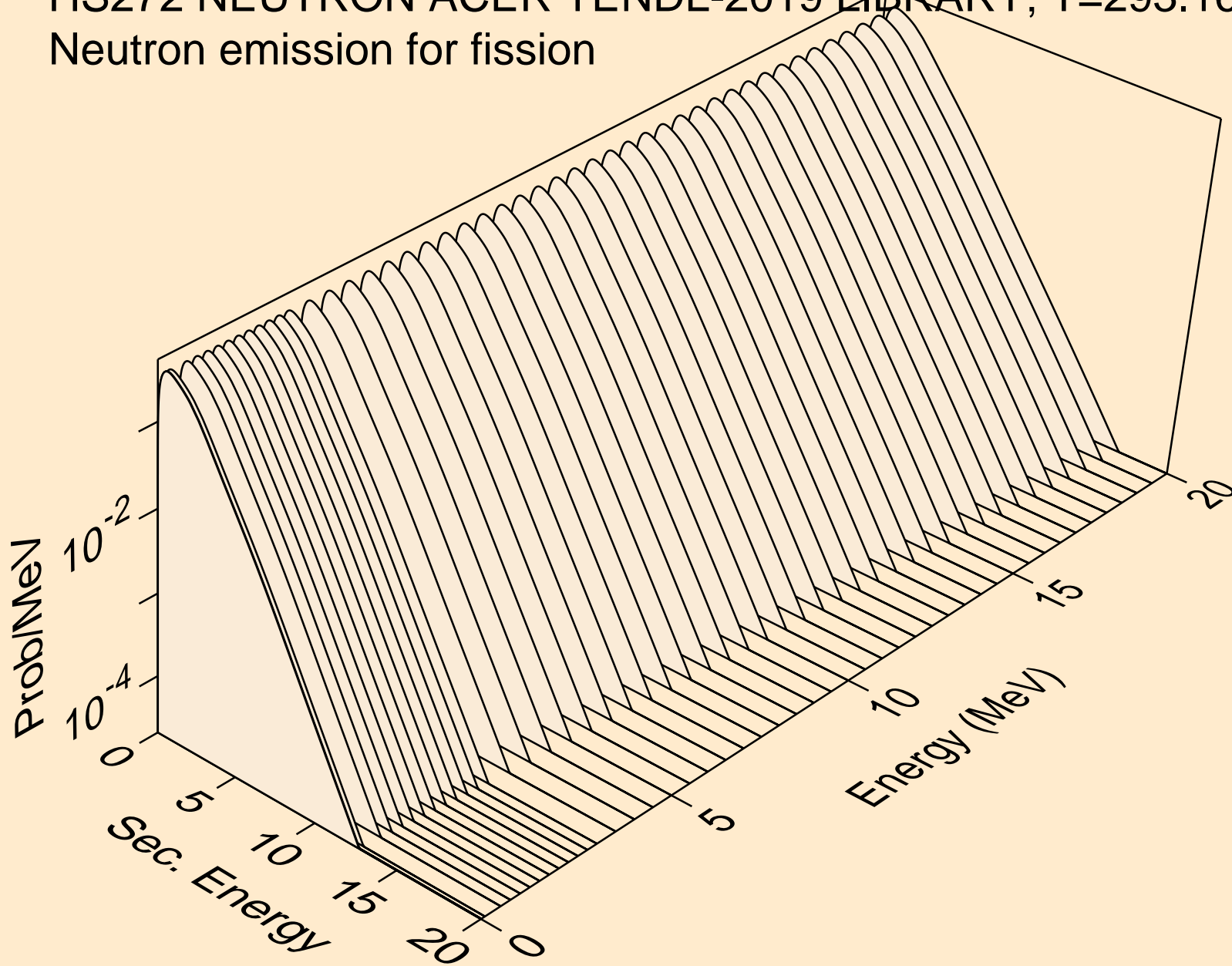
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



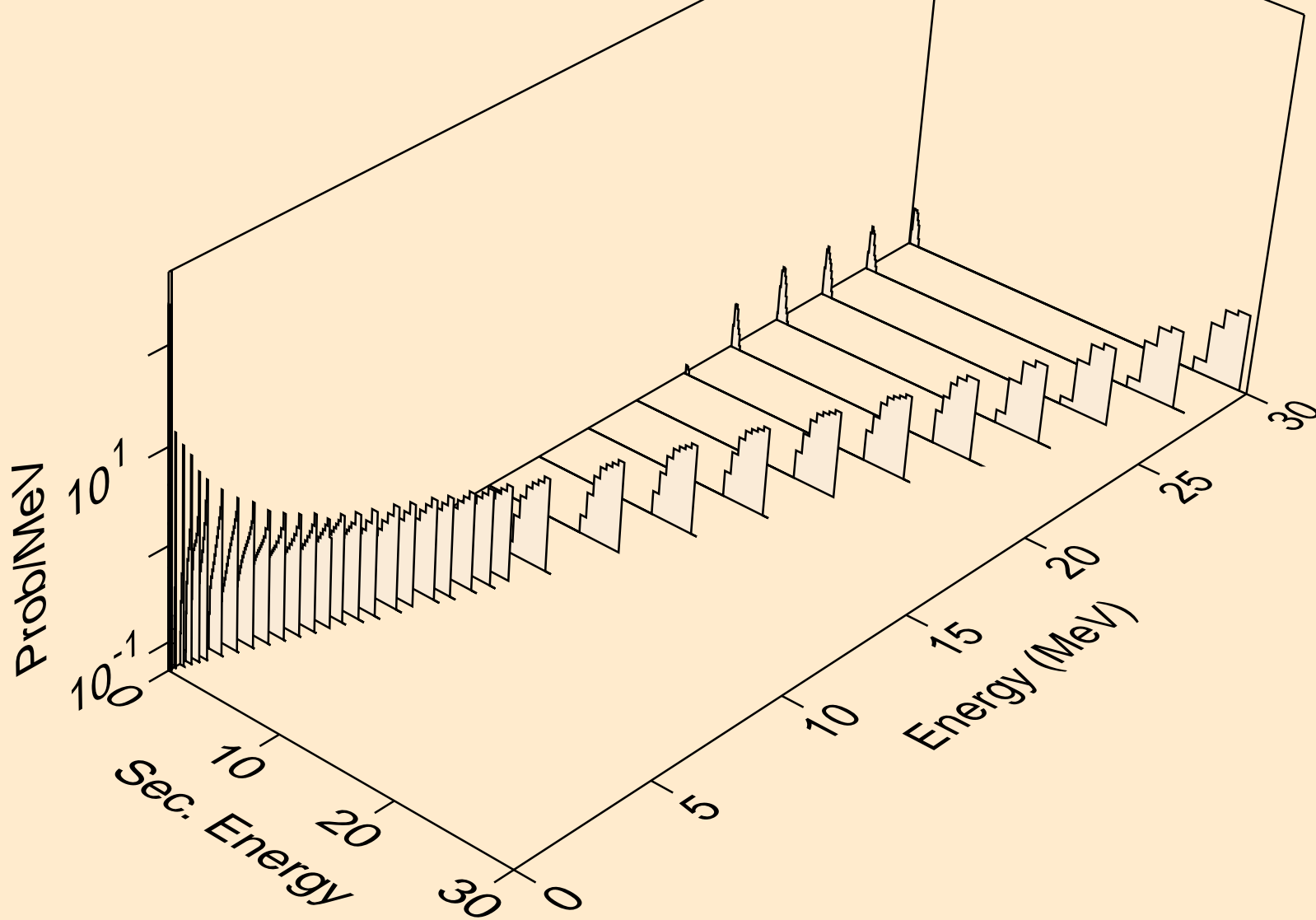
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



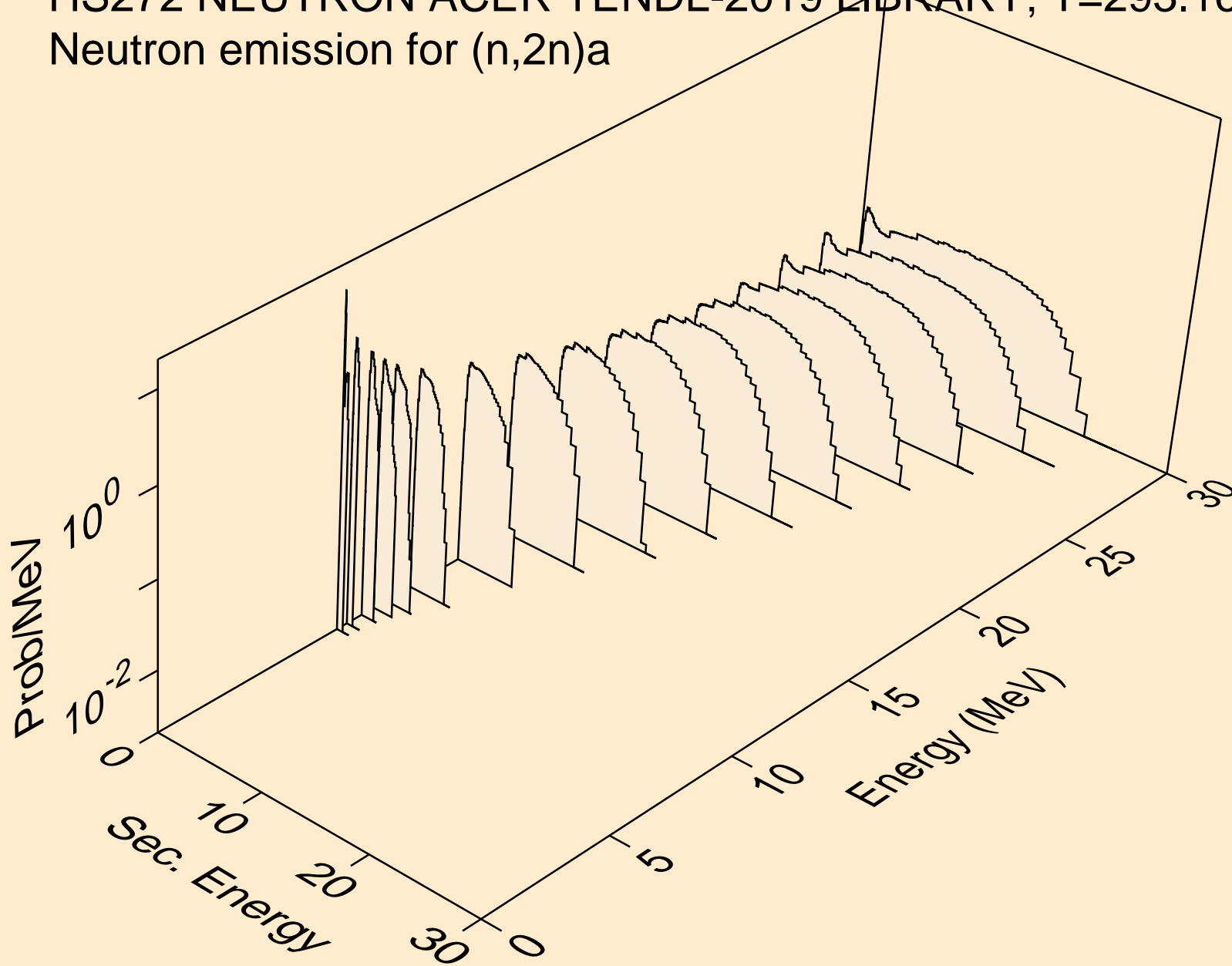
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Neutron emission for fission



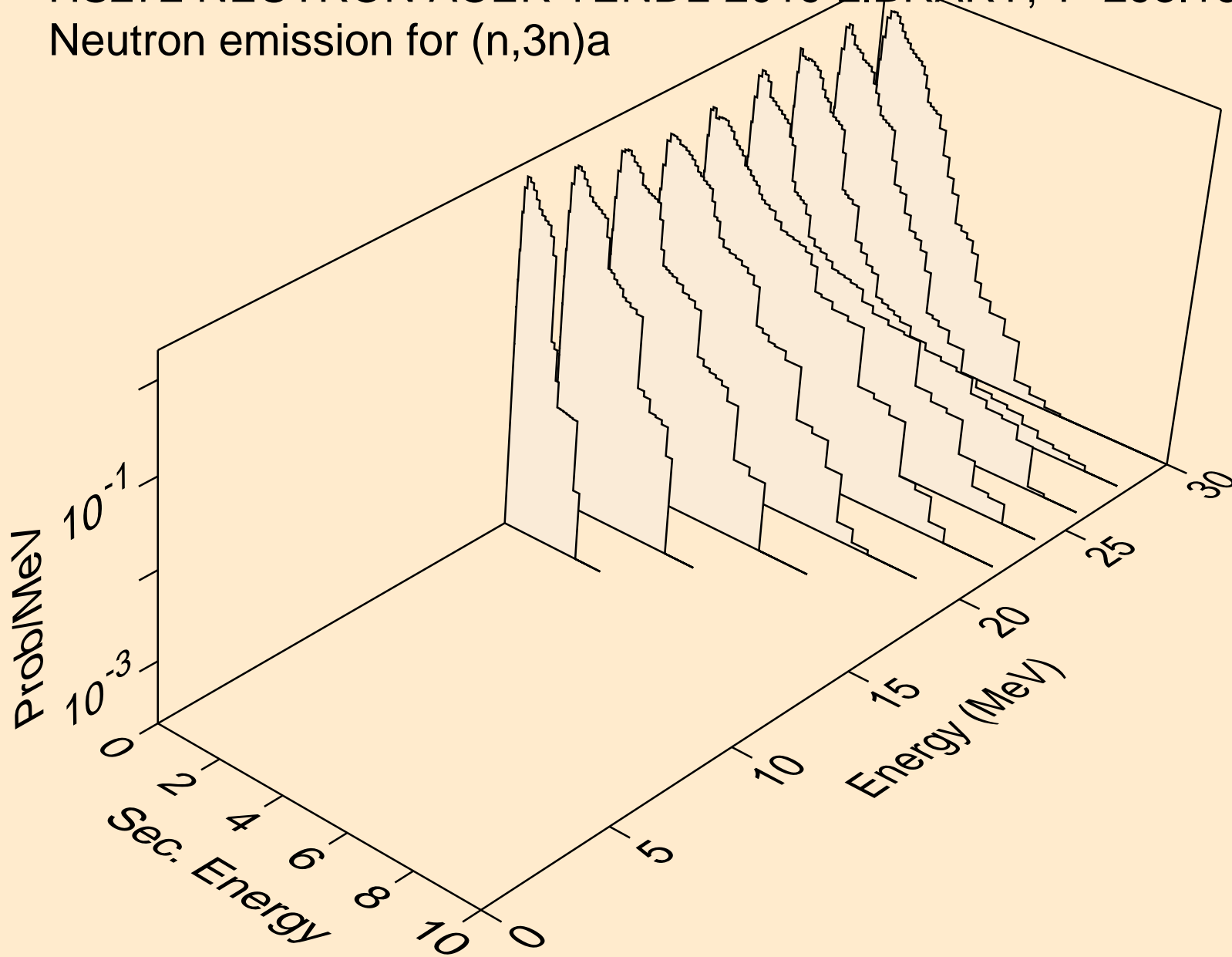
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Neutron emission for (n,n*)a



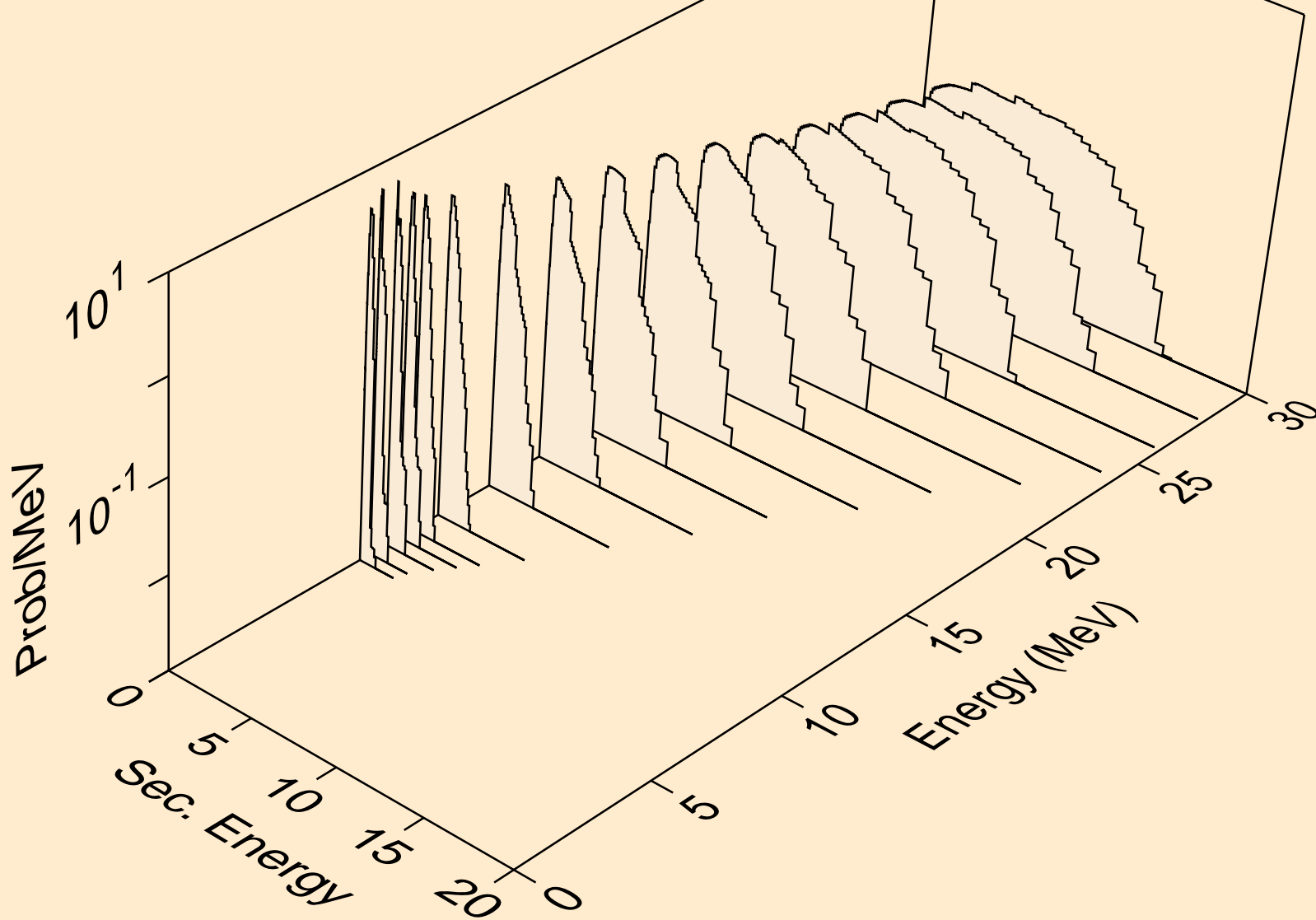
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Neutron emission for (n,2n)a



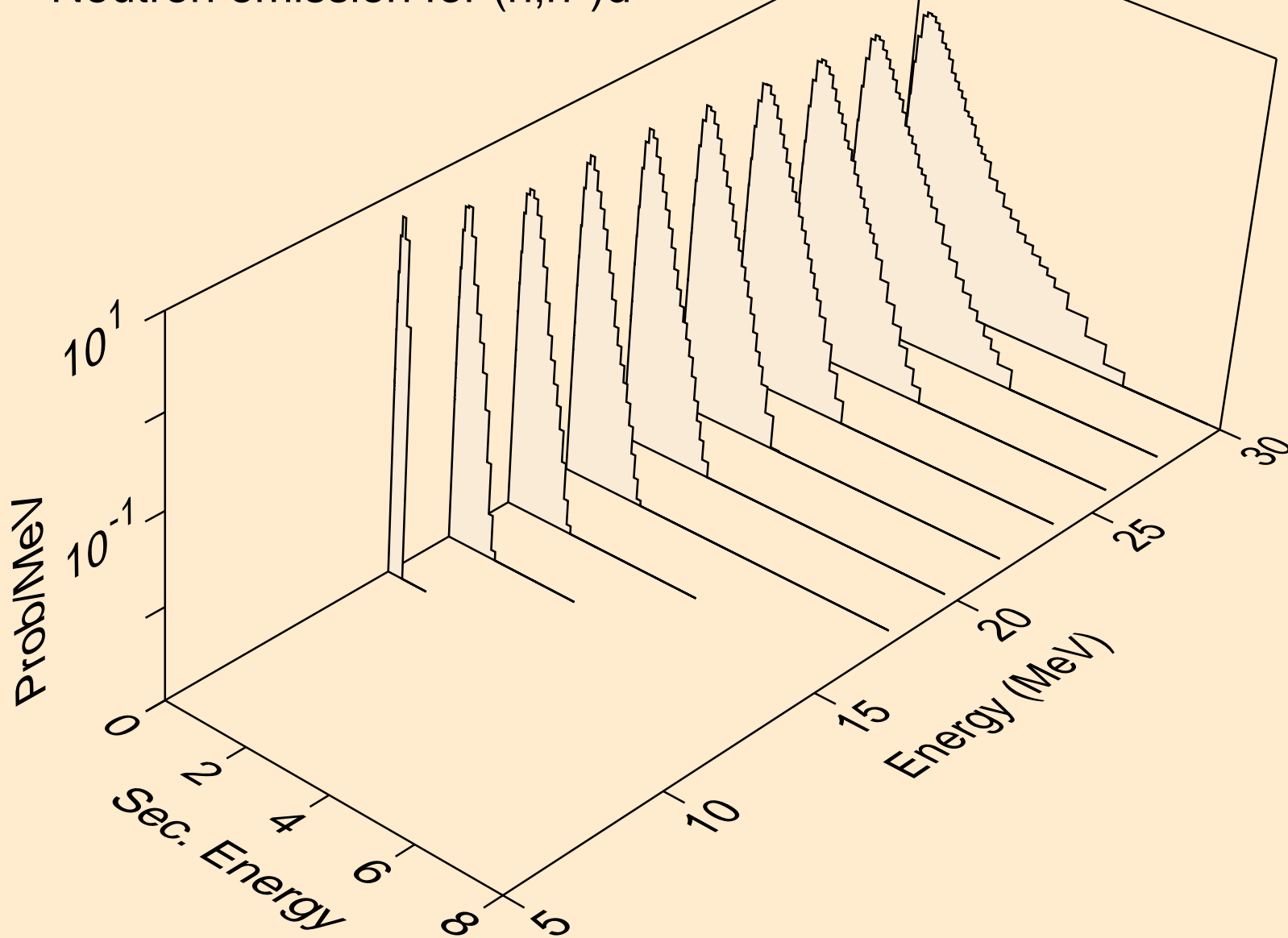
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Neutron emission for (n,3n)a



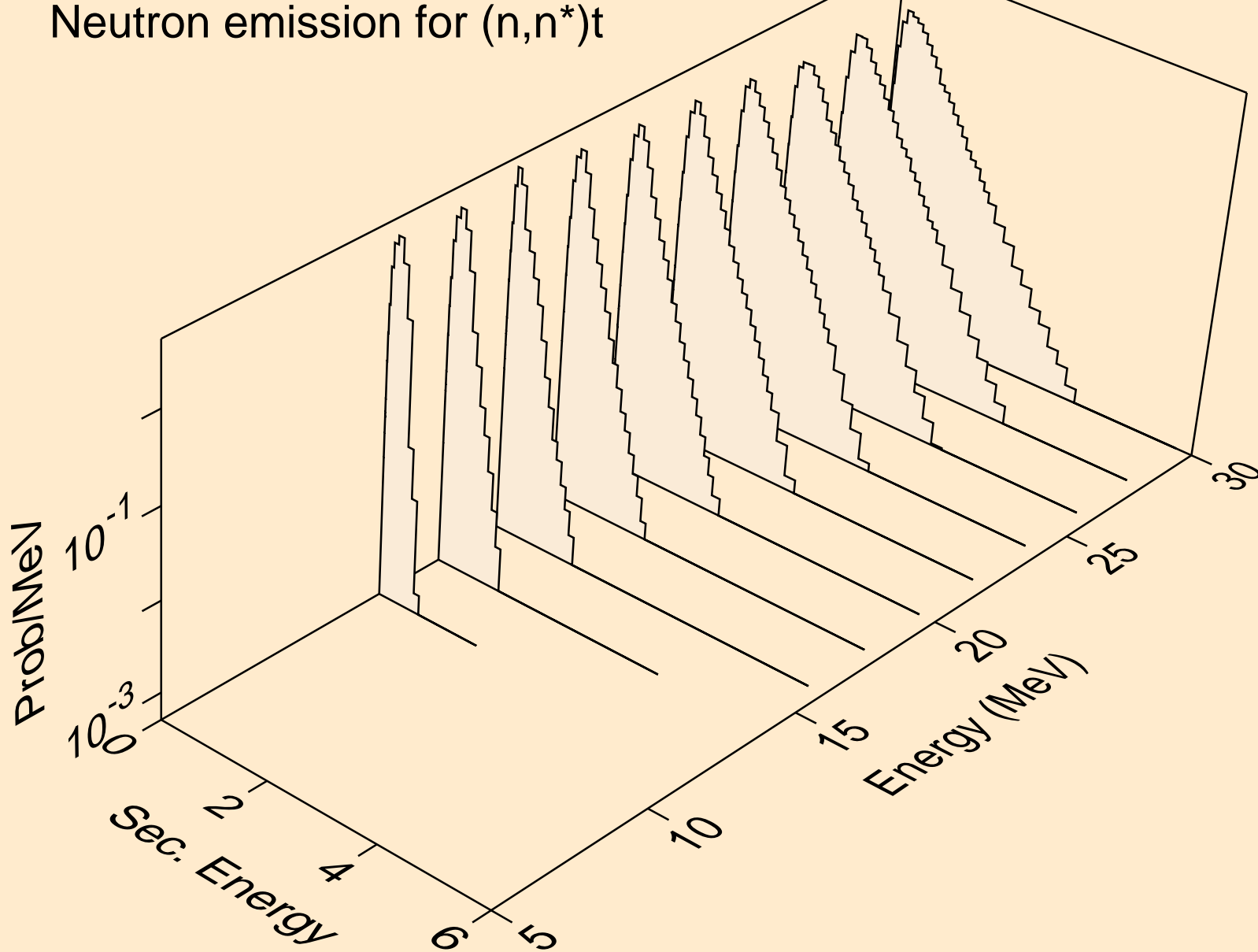
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



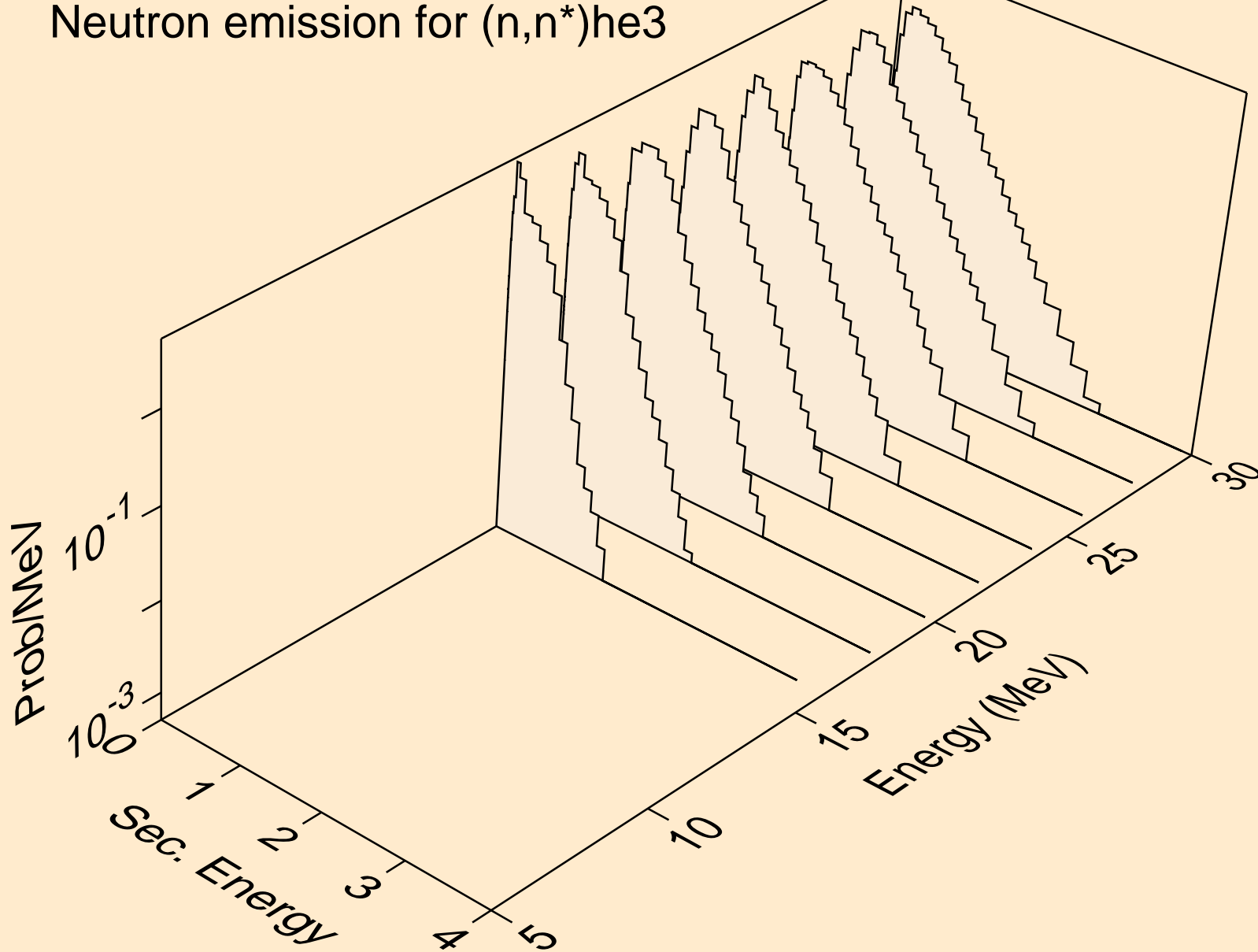
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



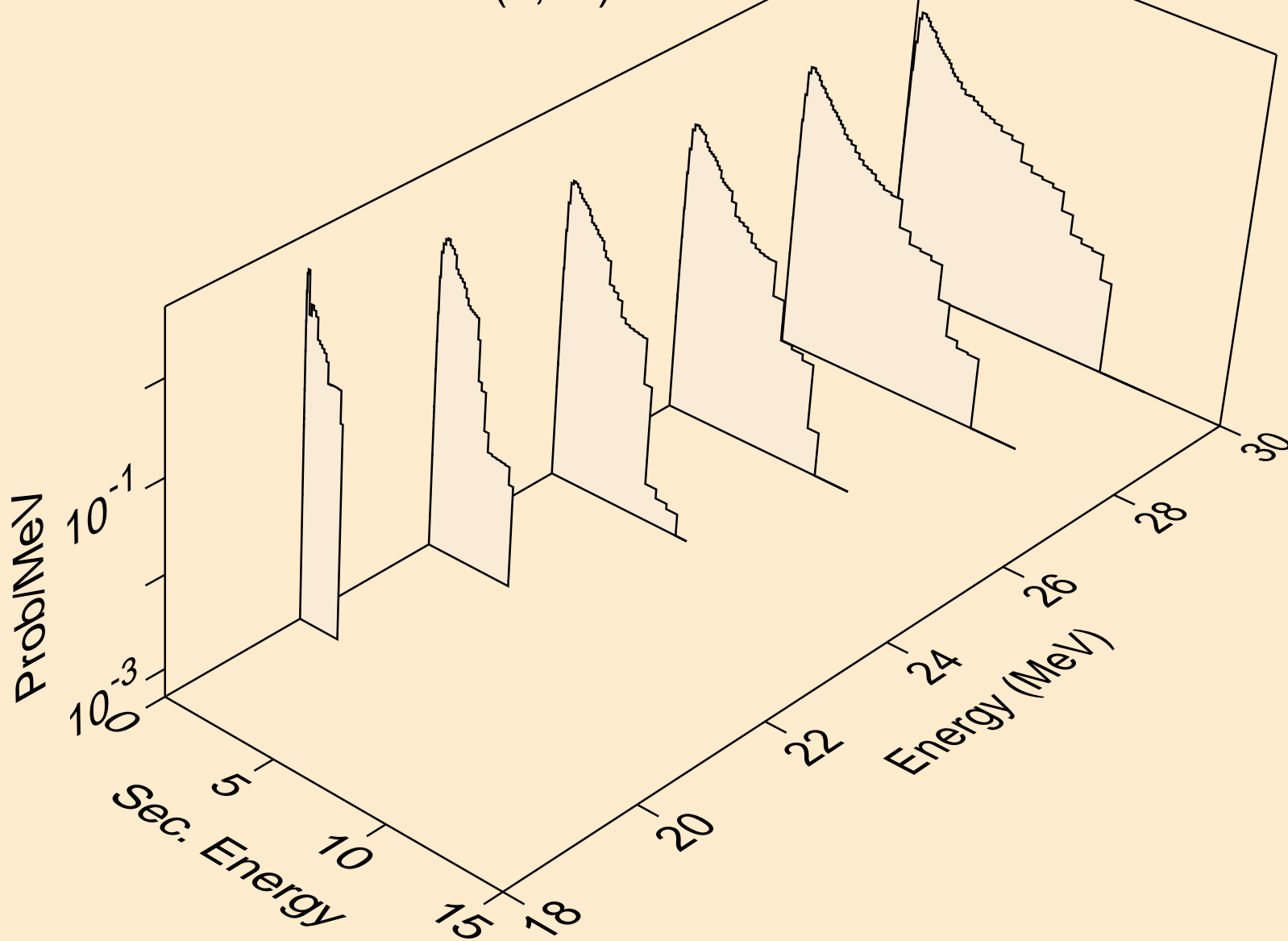
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



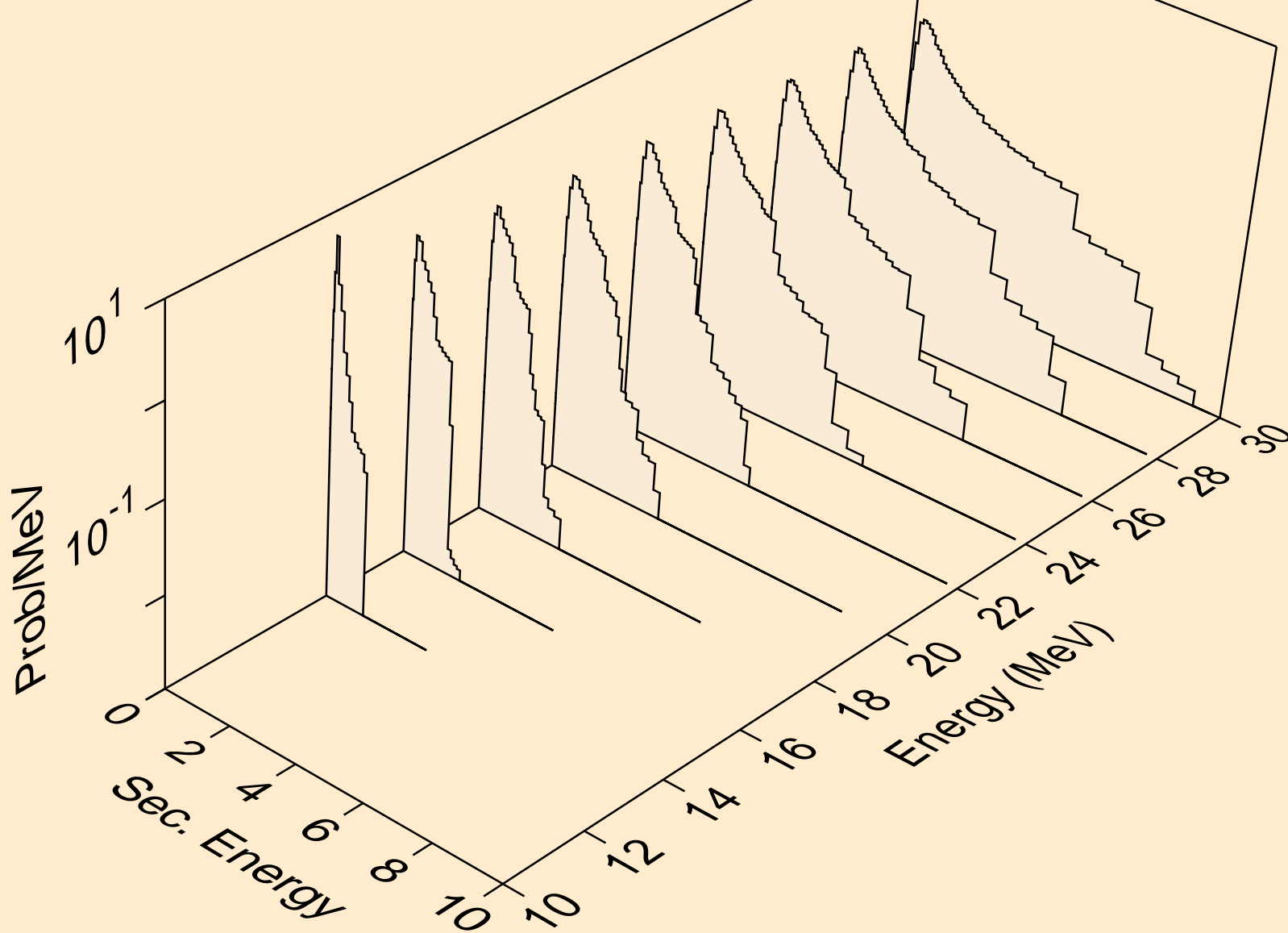
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



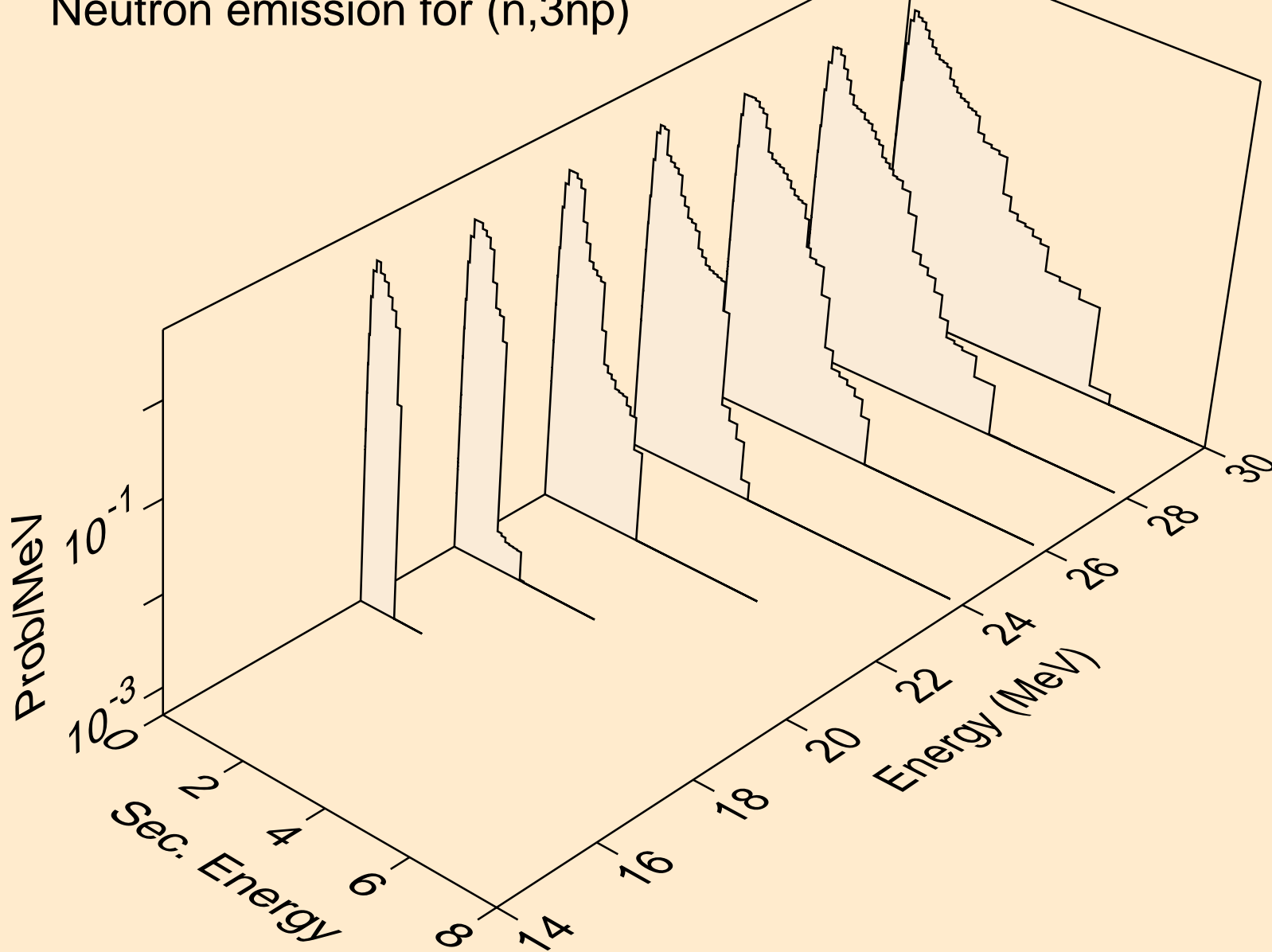
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



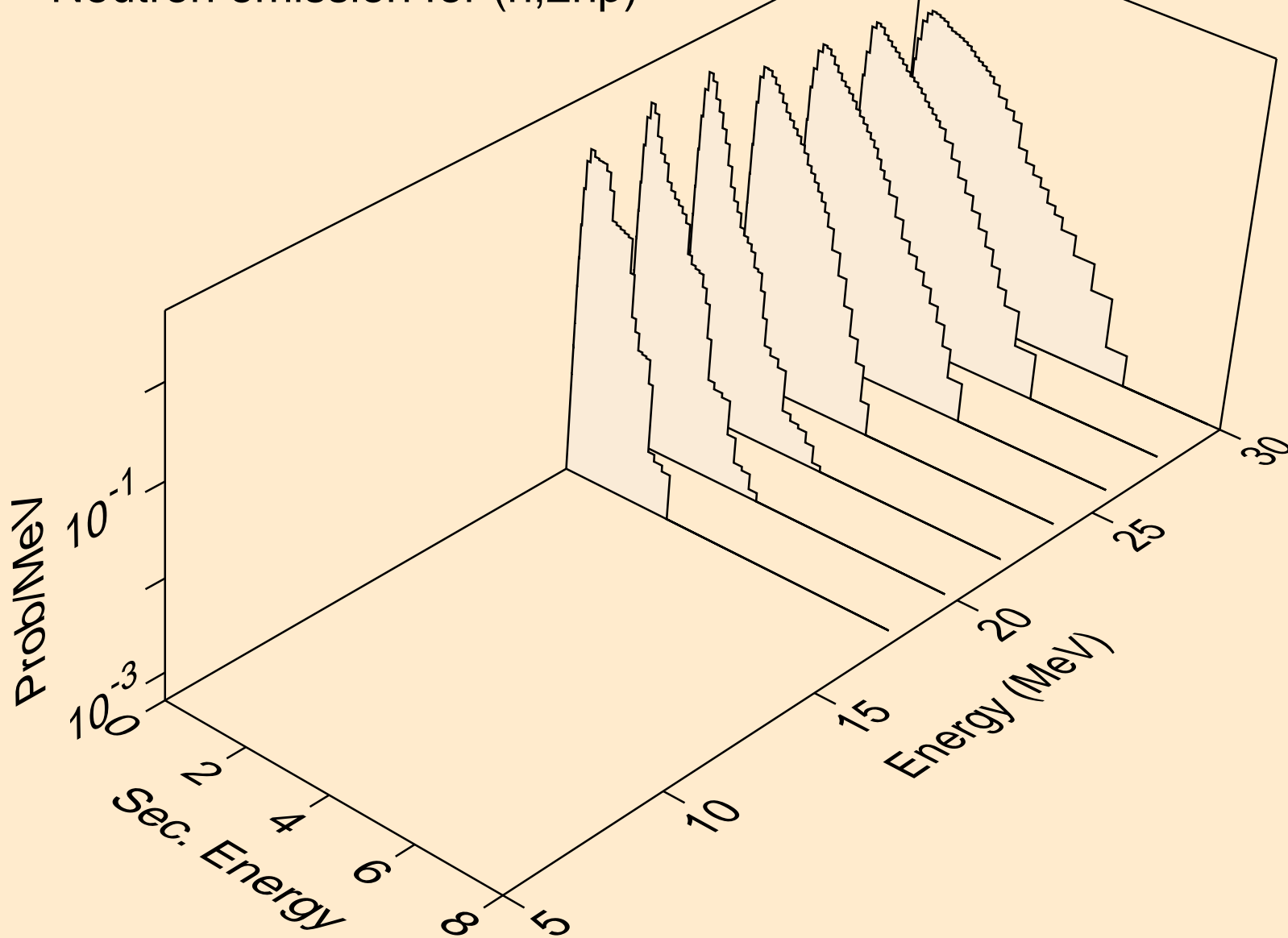
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



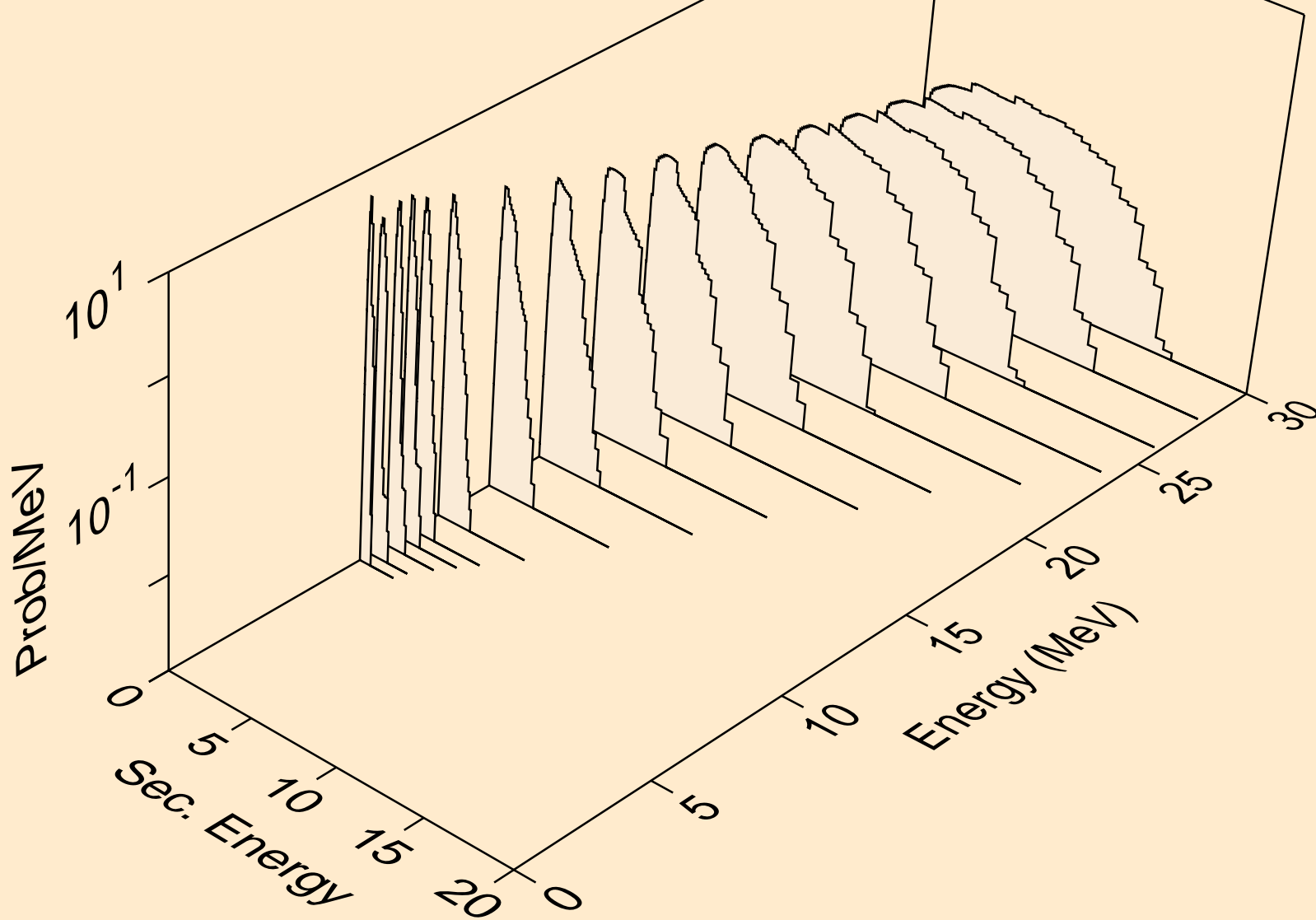
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



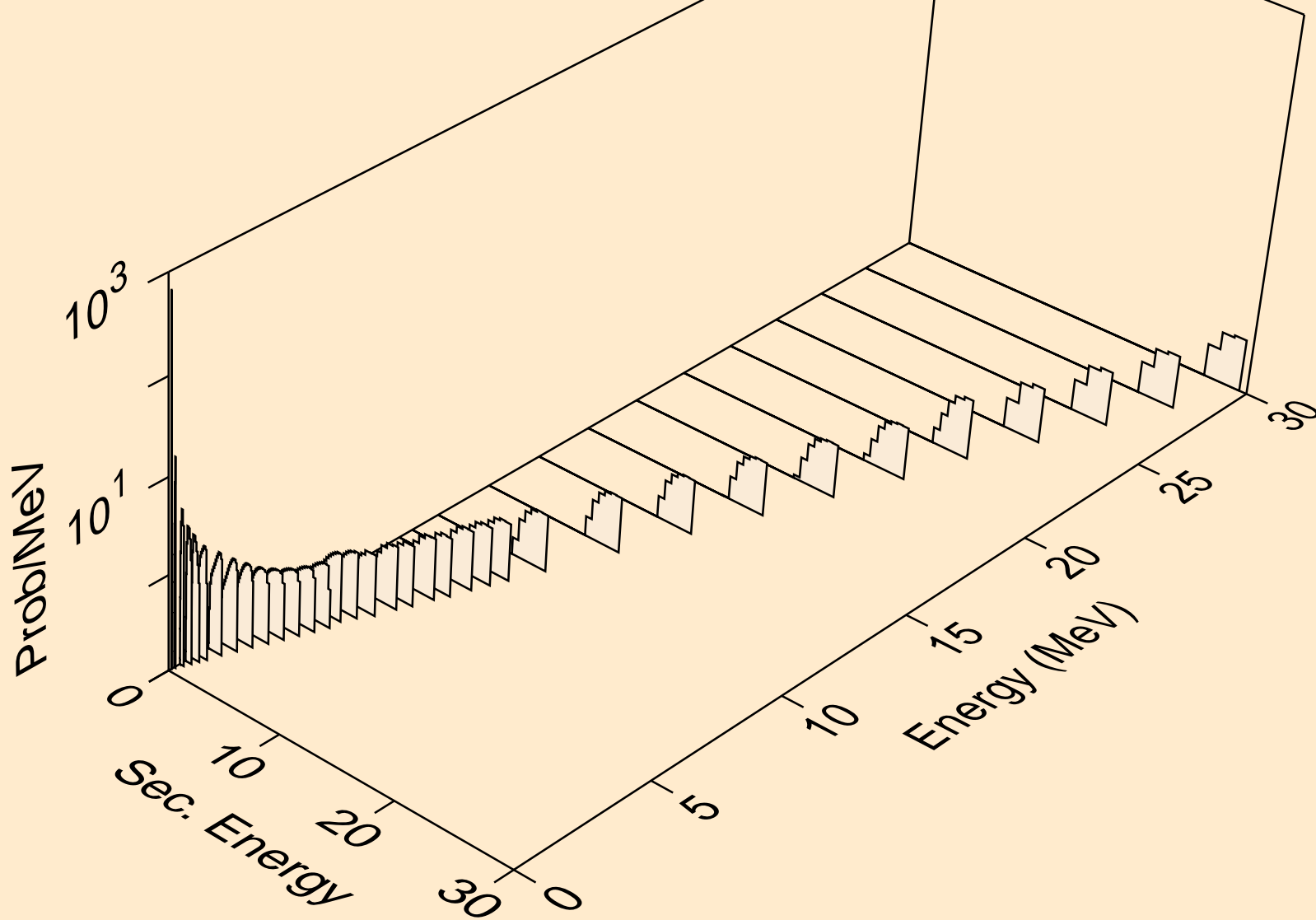
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)

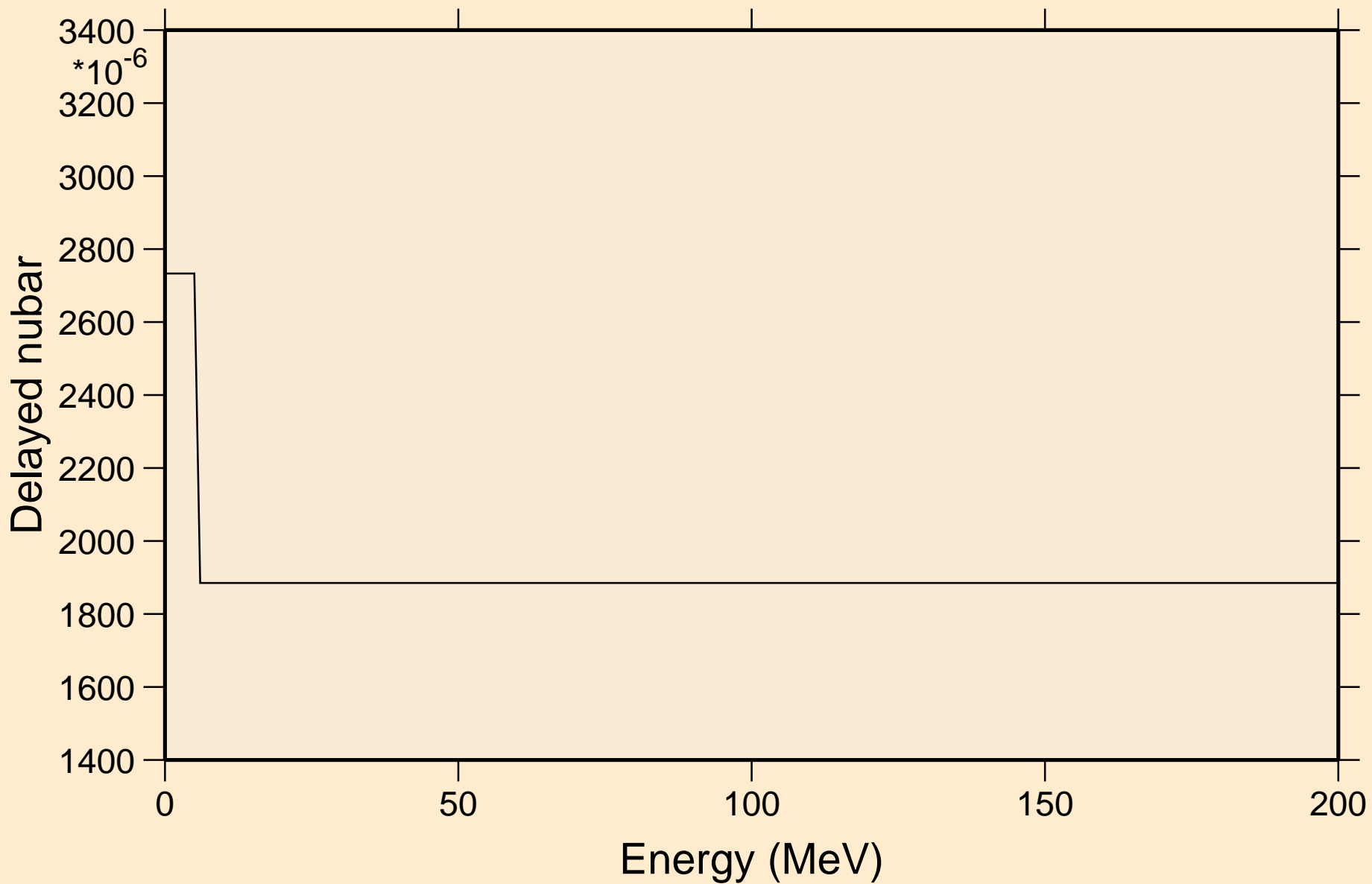


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



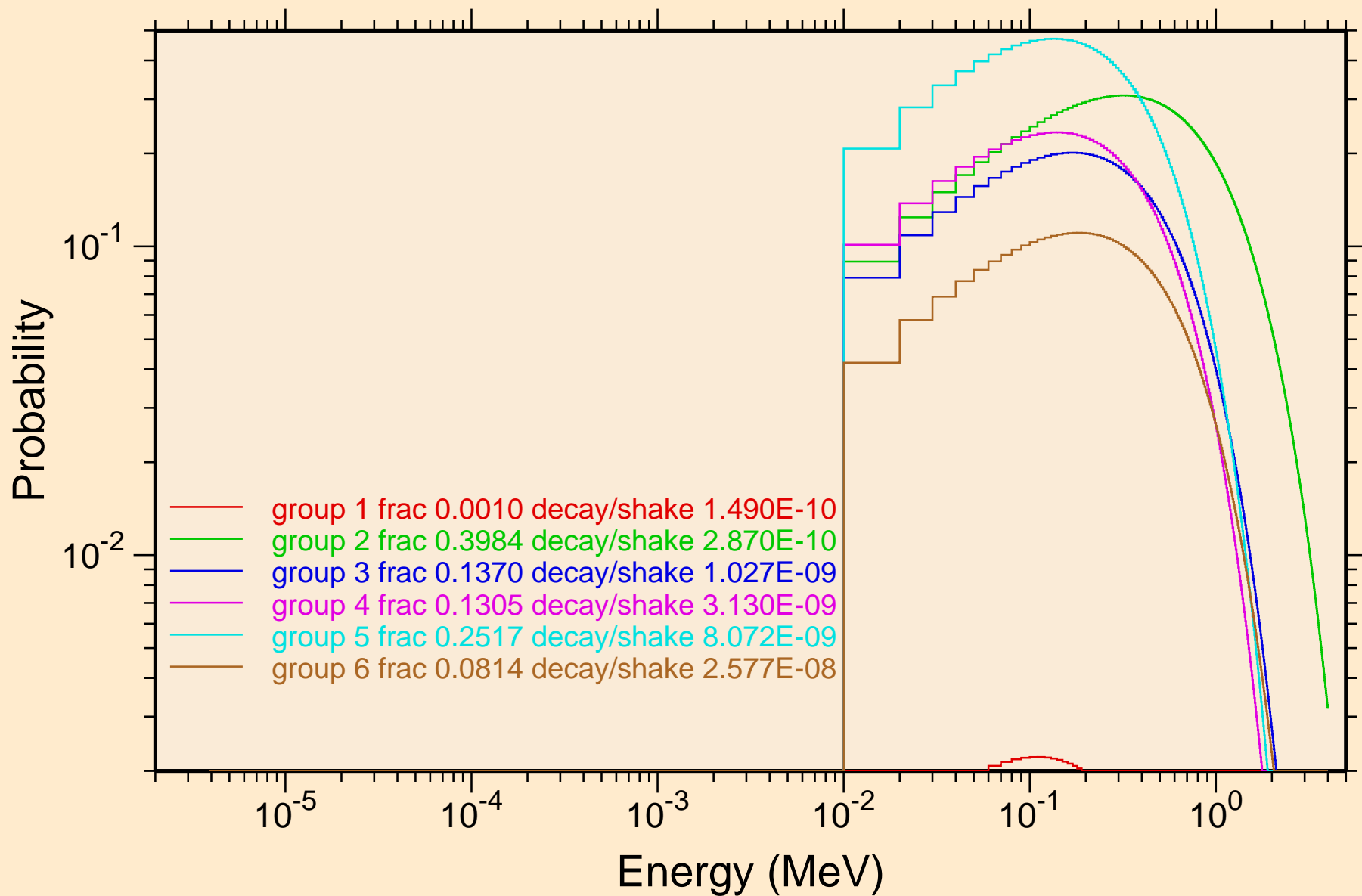
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Delayed nubar

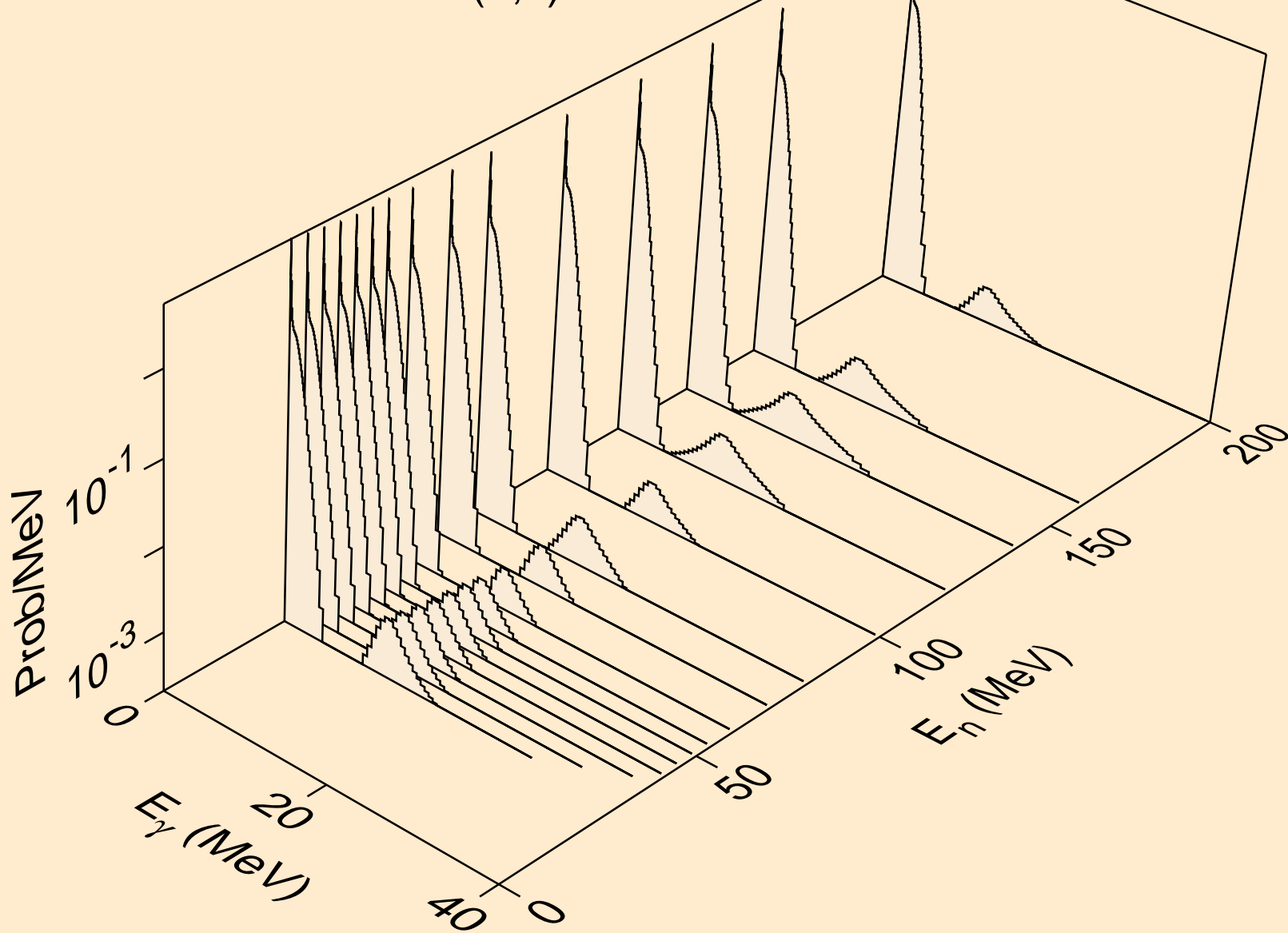


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

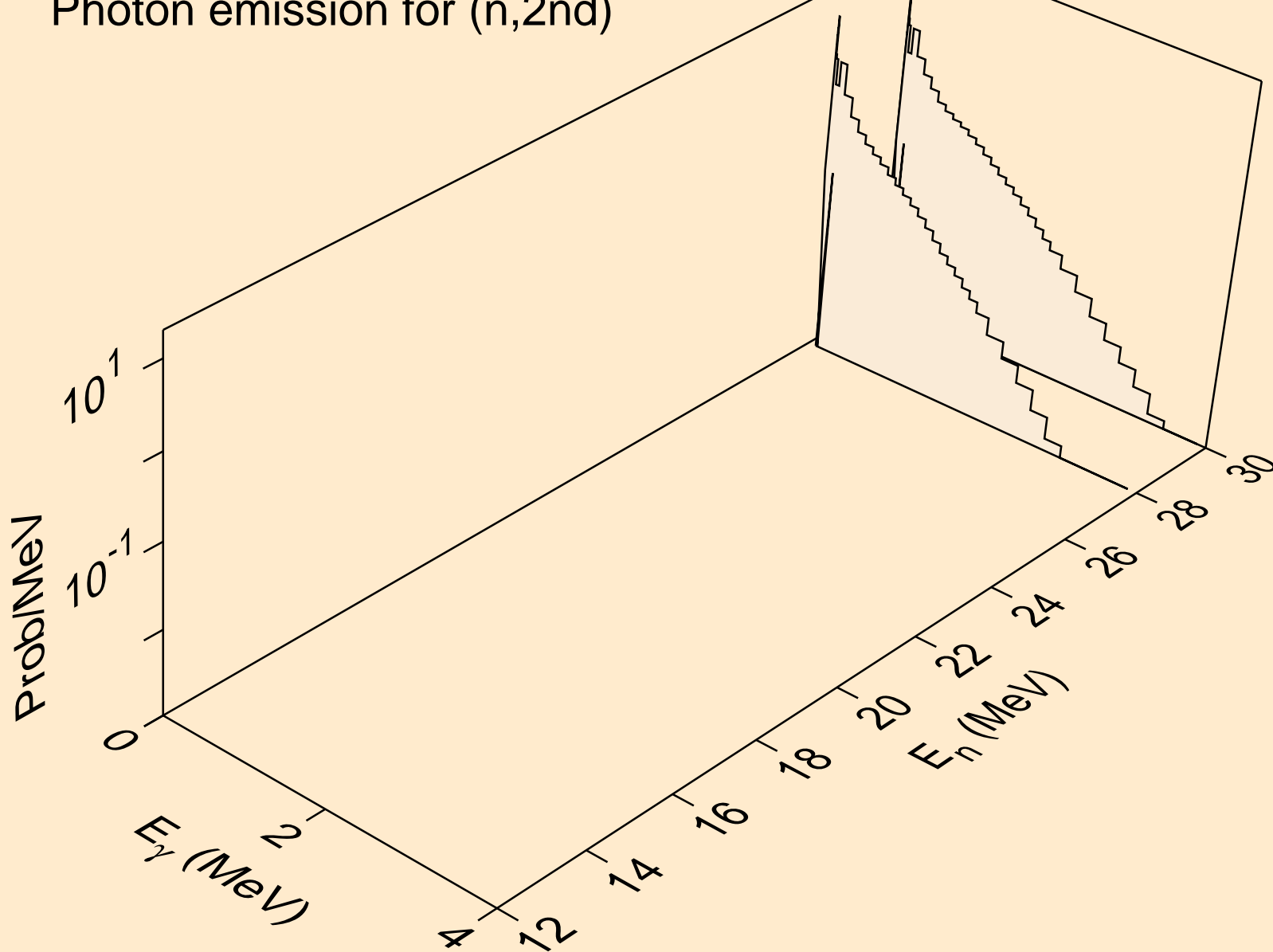
Delayed neutron spectra



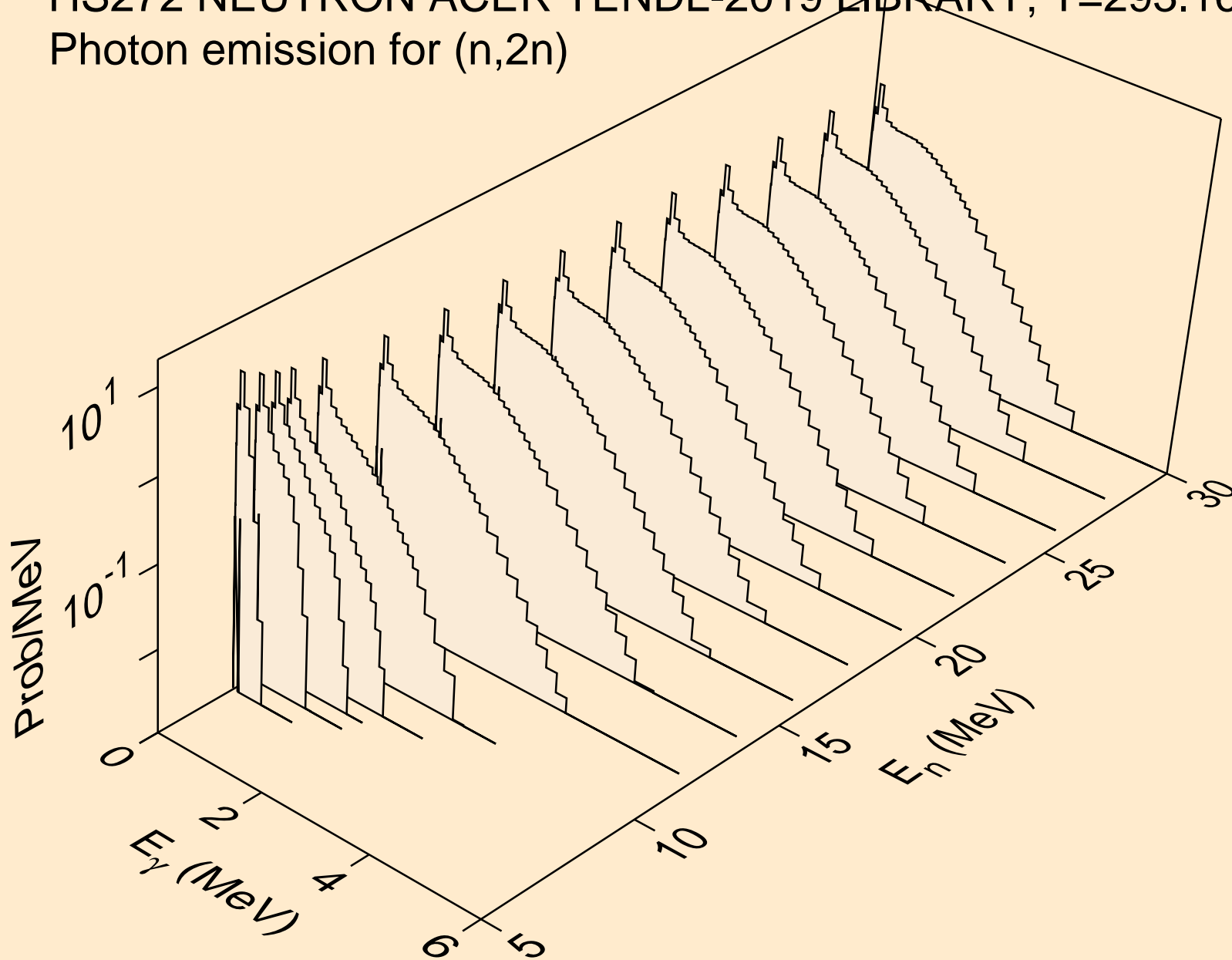
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



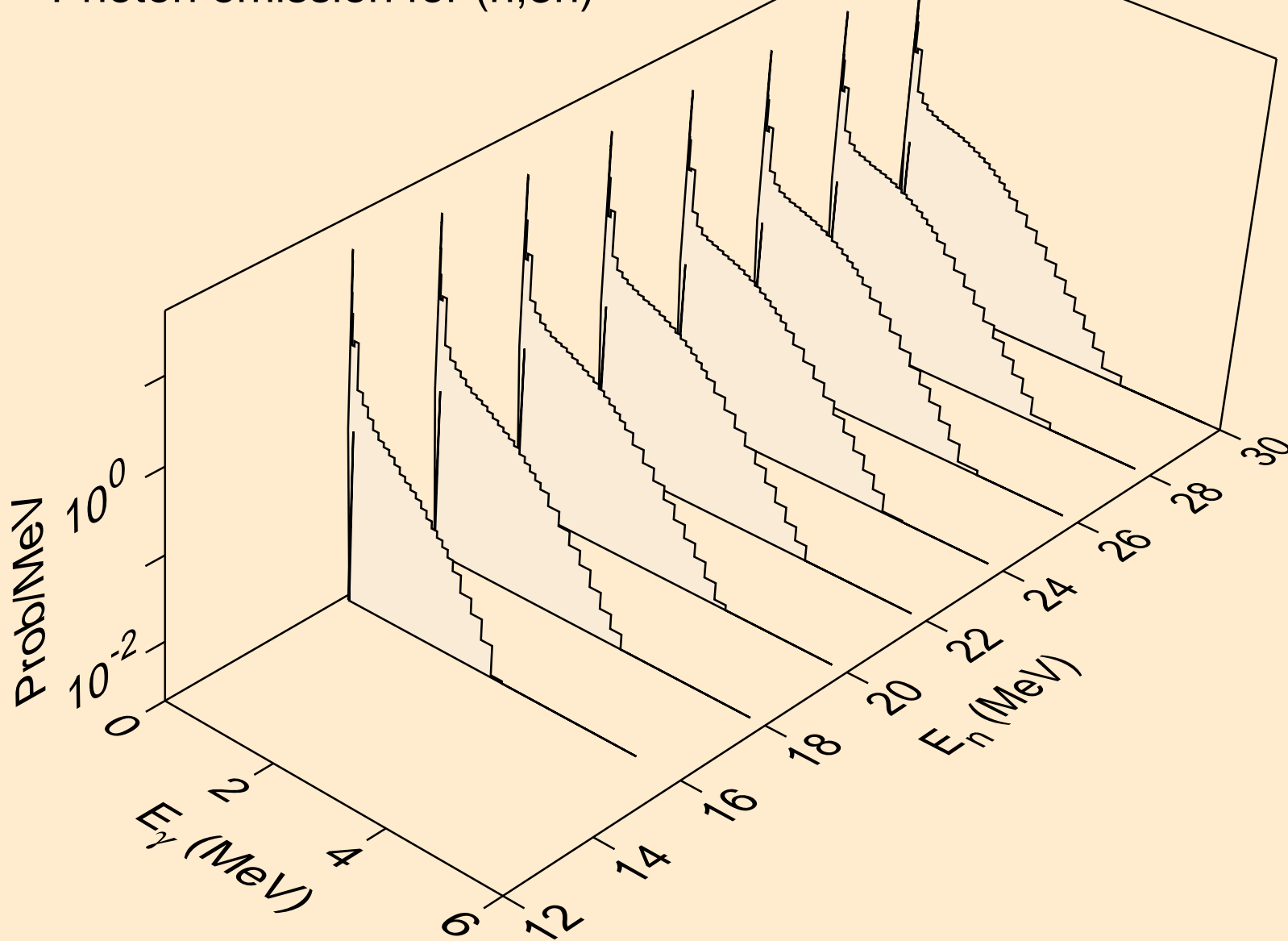
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Photon emission for (n,2nd)



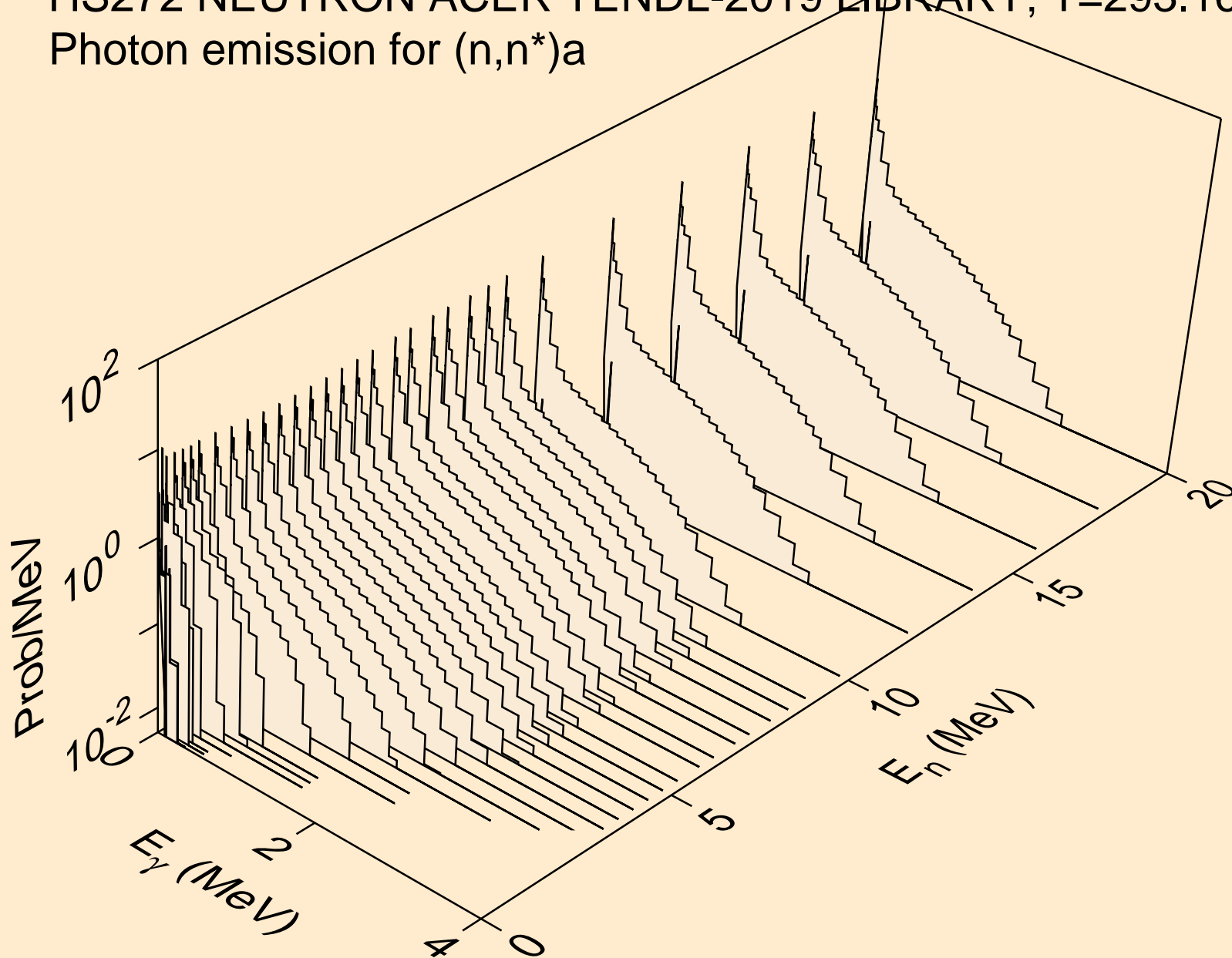
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Photon emission for (n,2n)



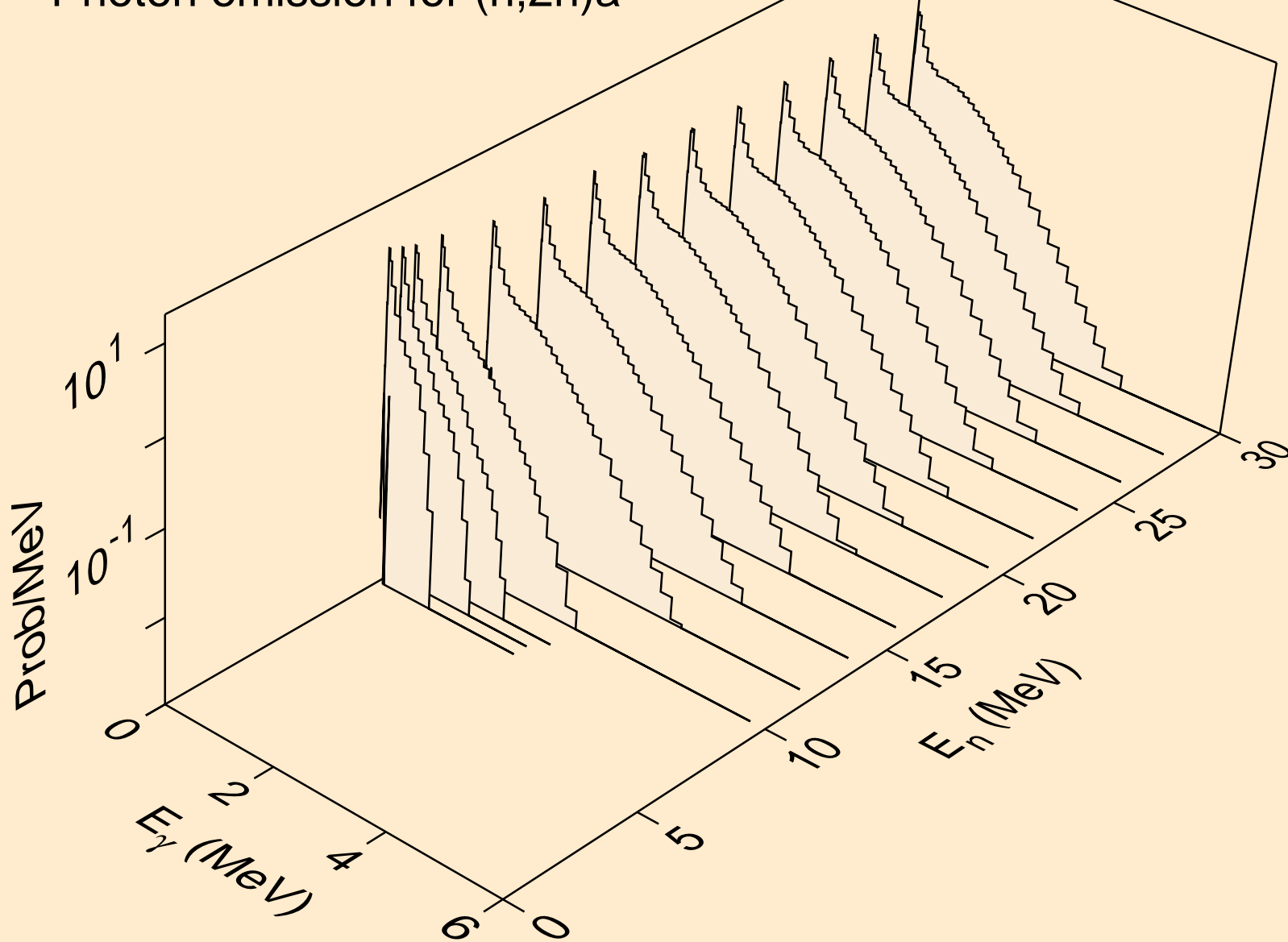
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



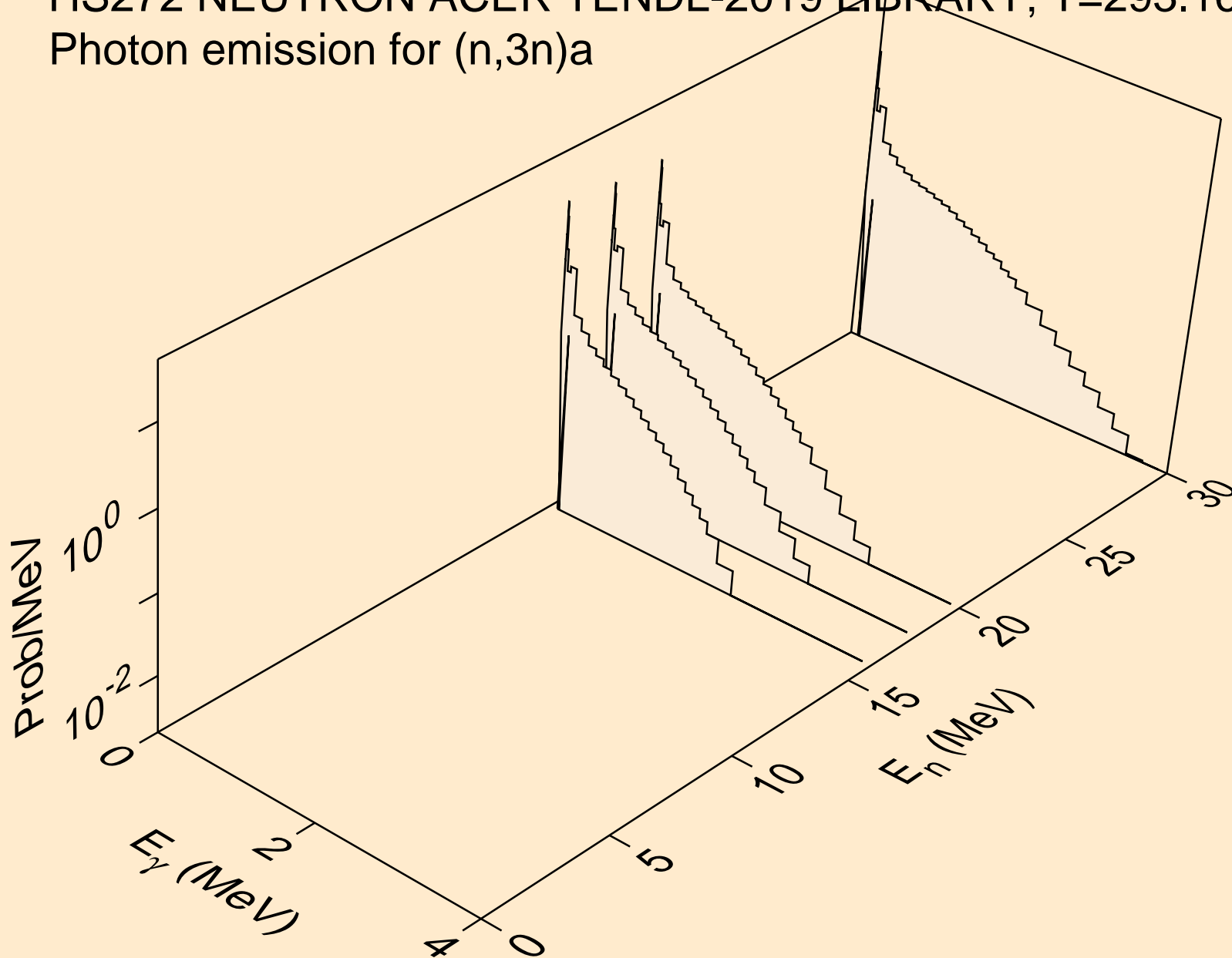
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



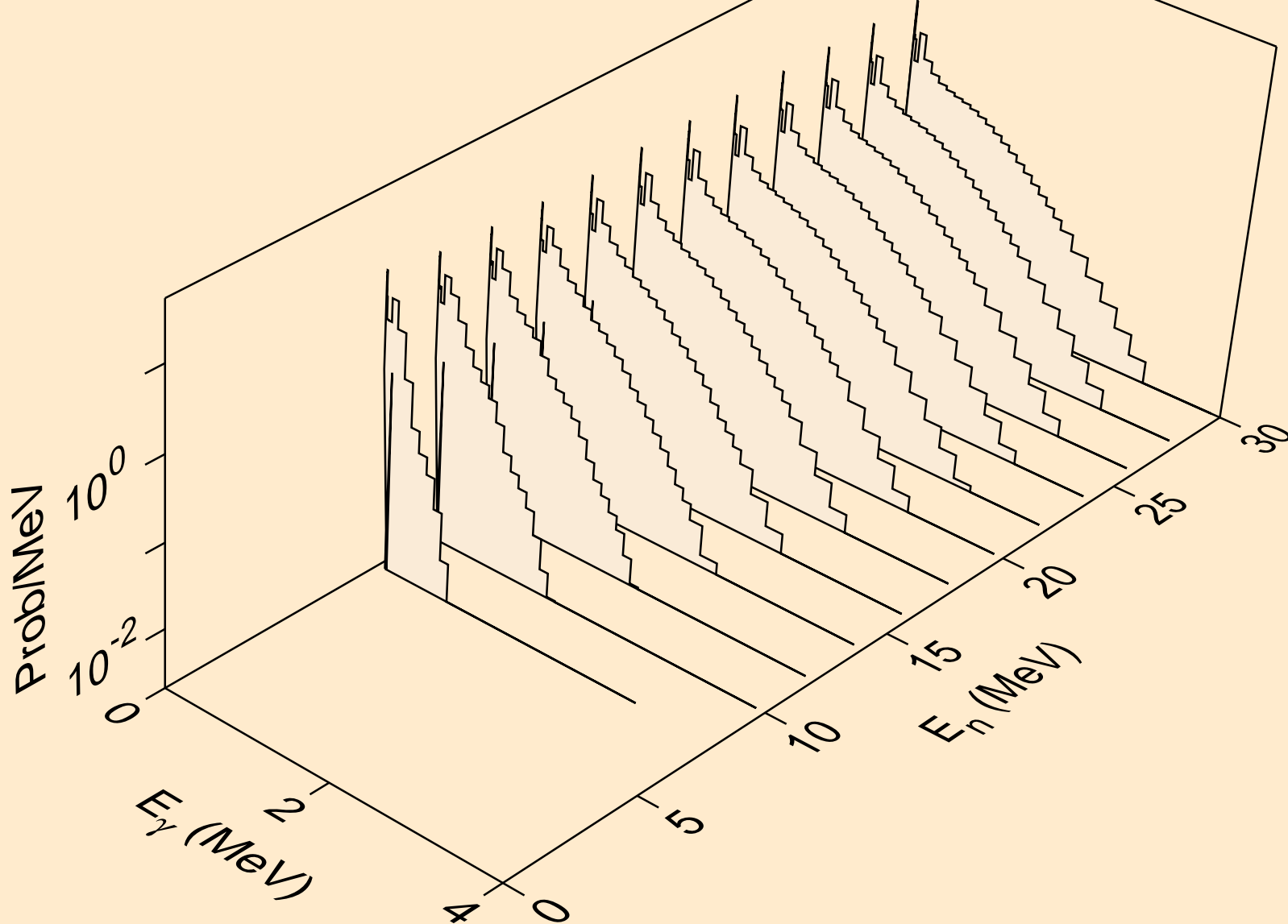
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Photon emission for (n,2n)a



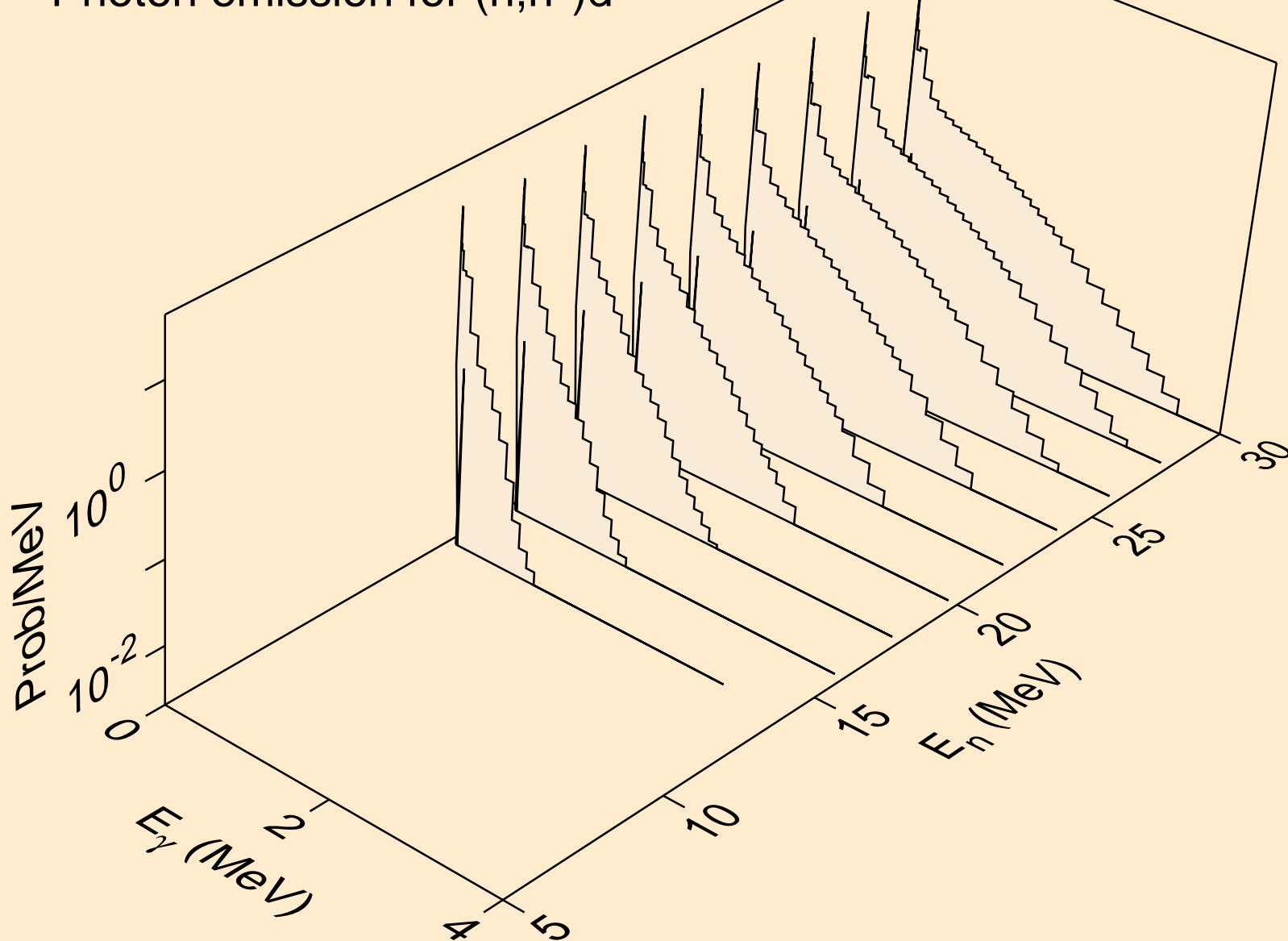
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



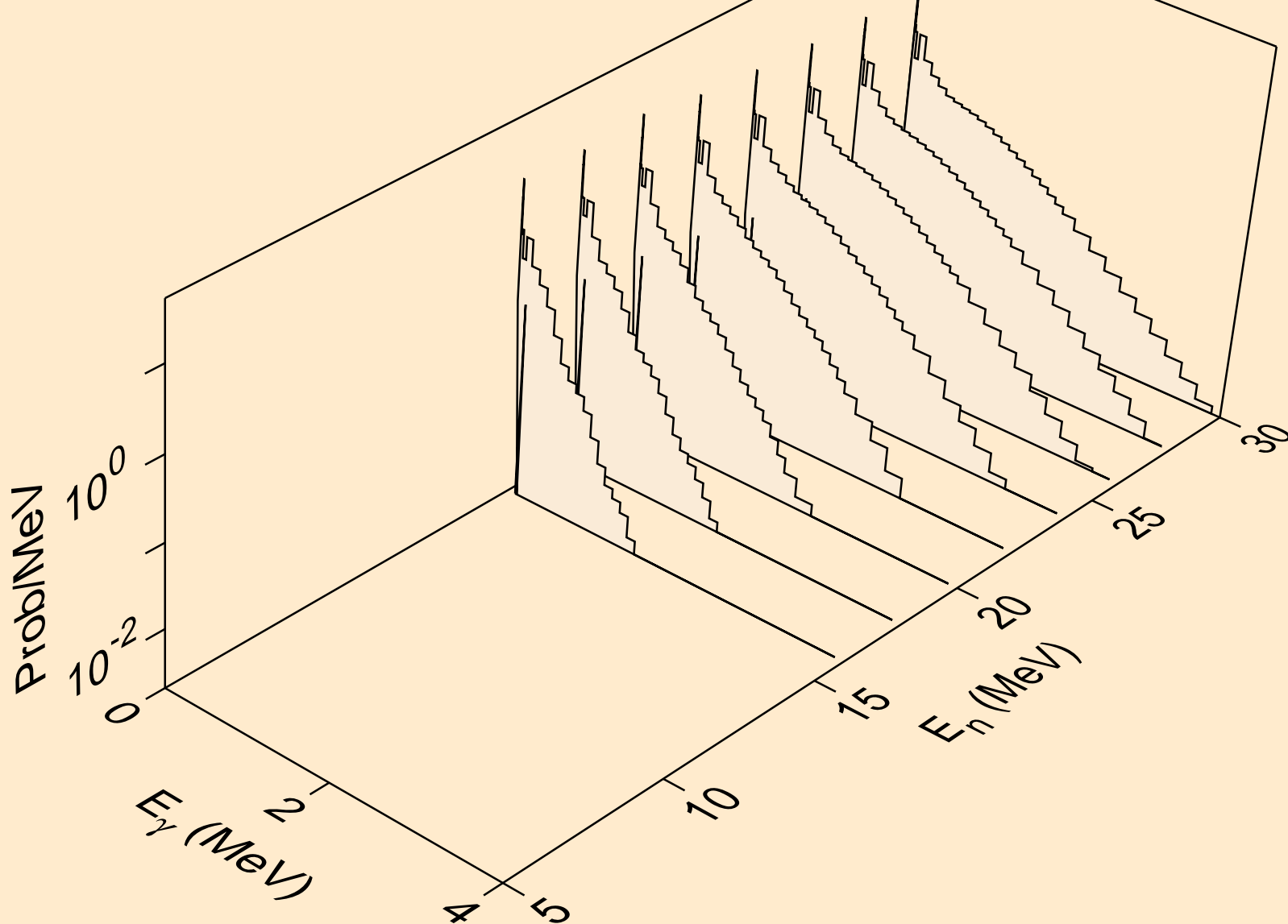
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Photon emission for (n,n*)p



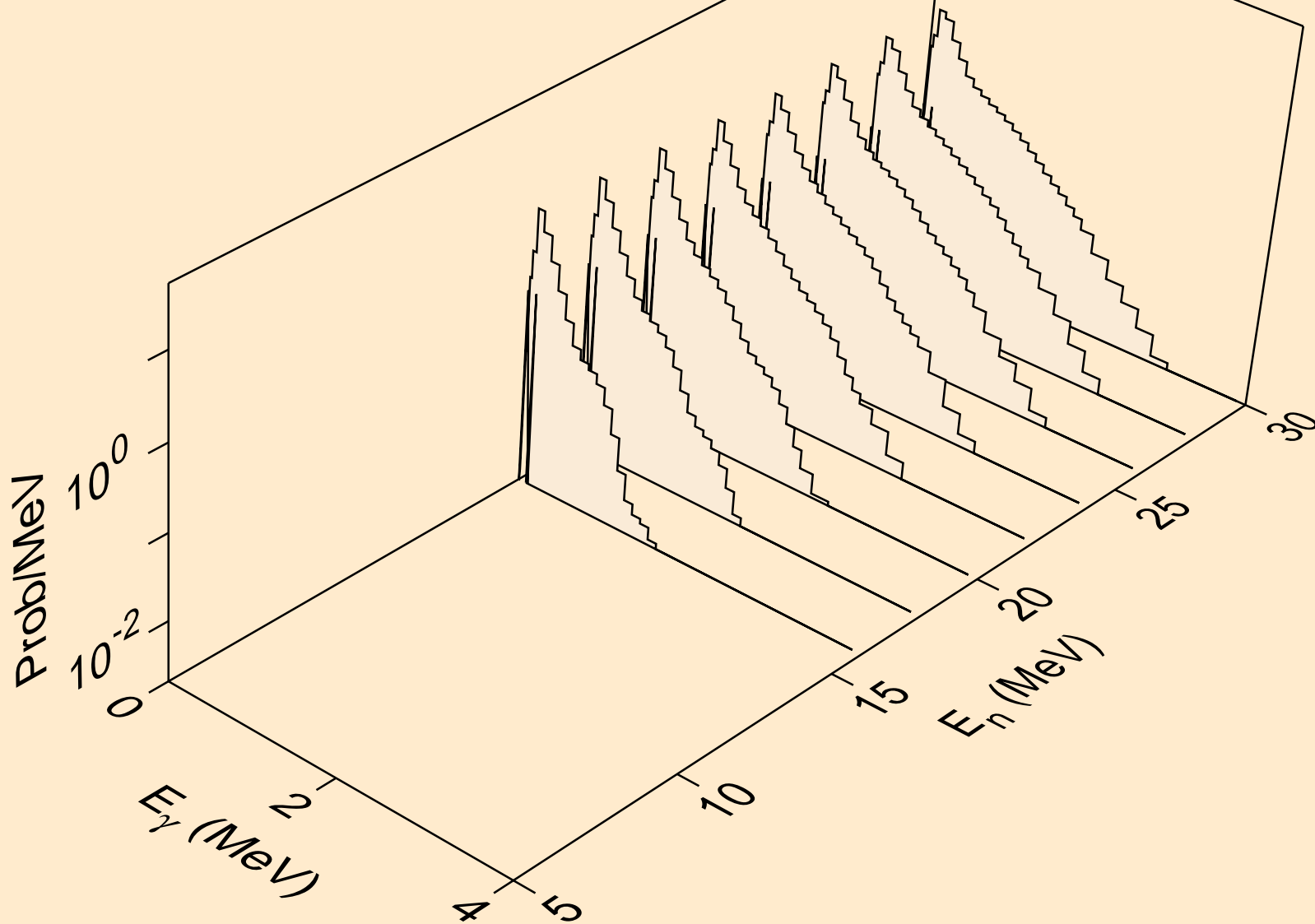
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Photon emission for (n,n*)d



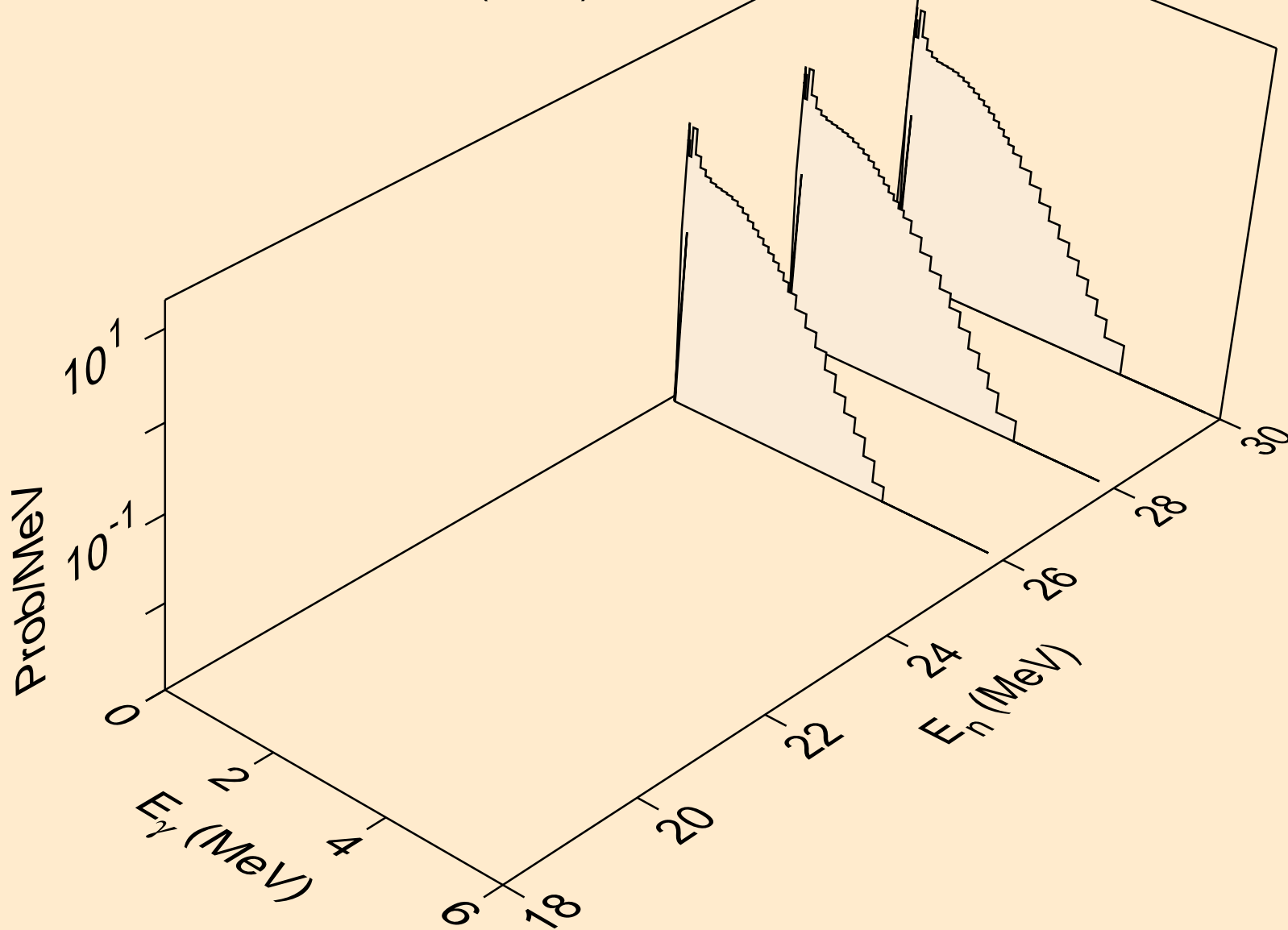
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



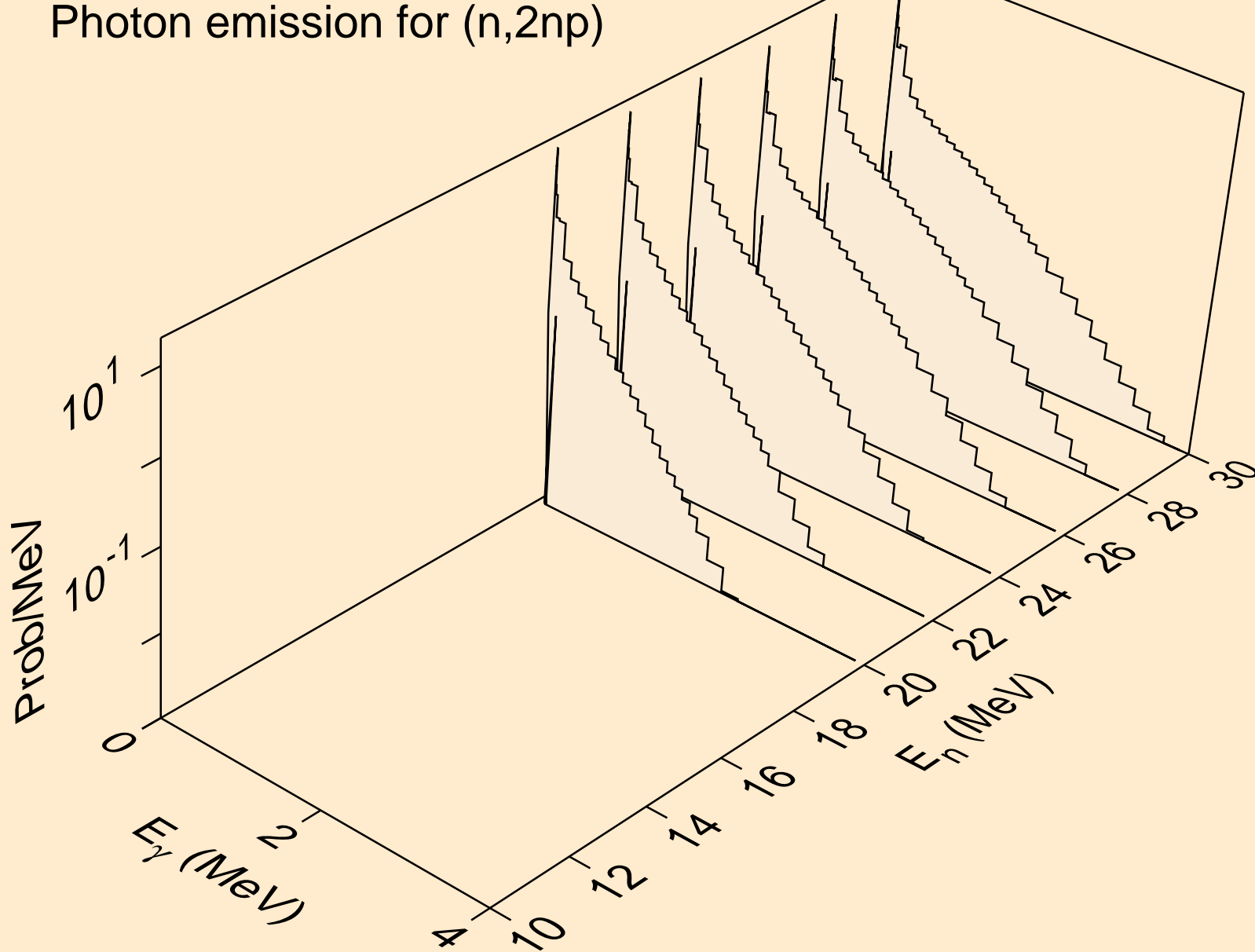
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



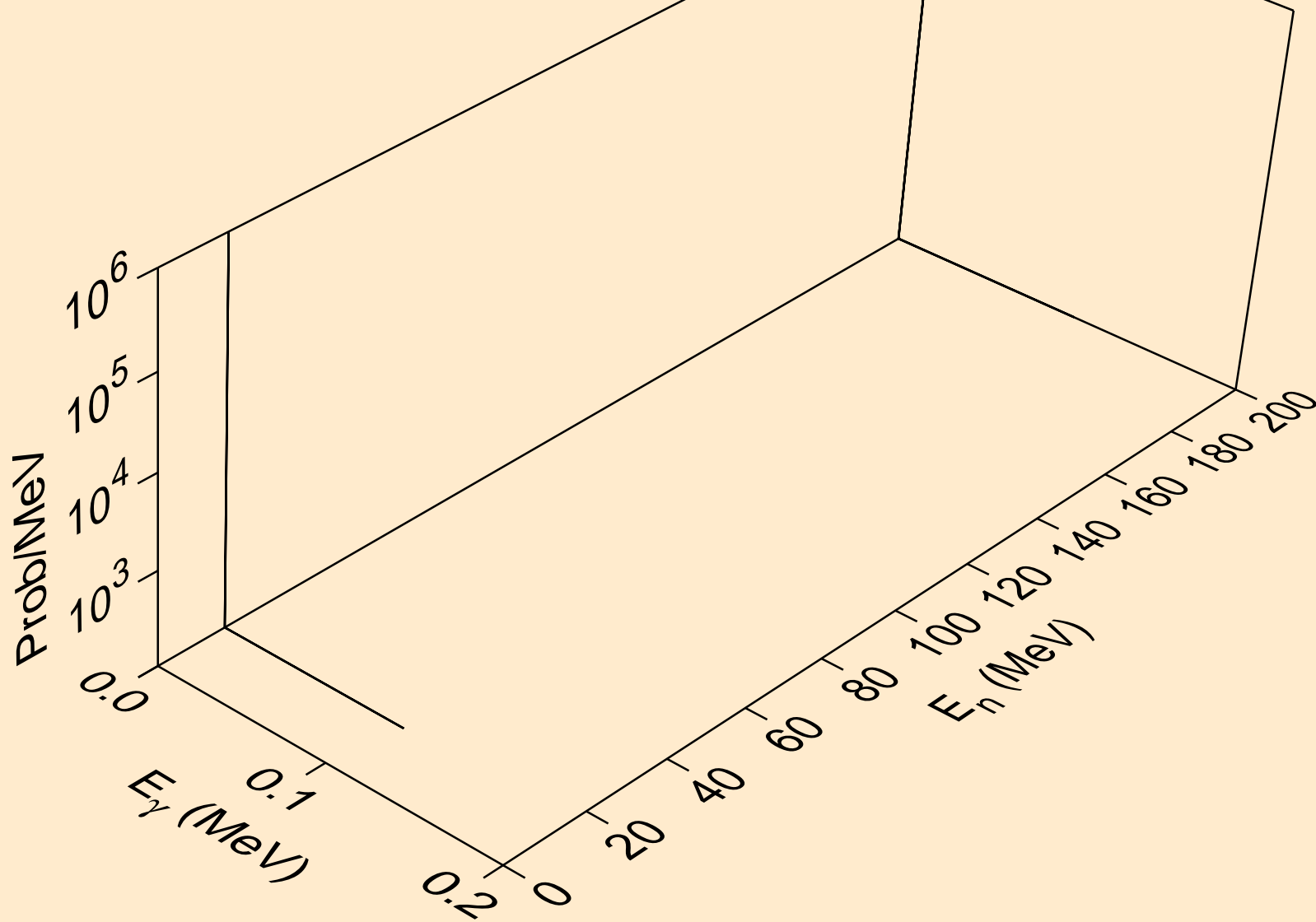
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



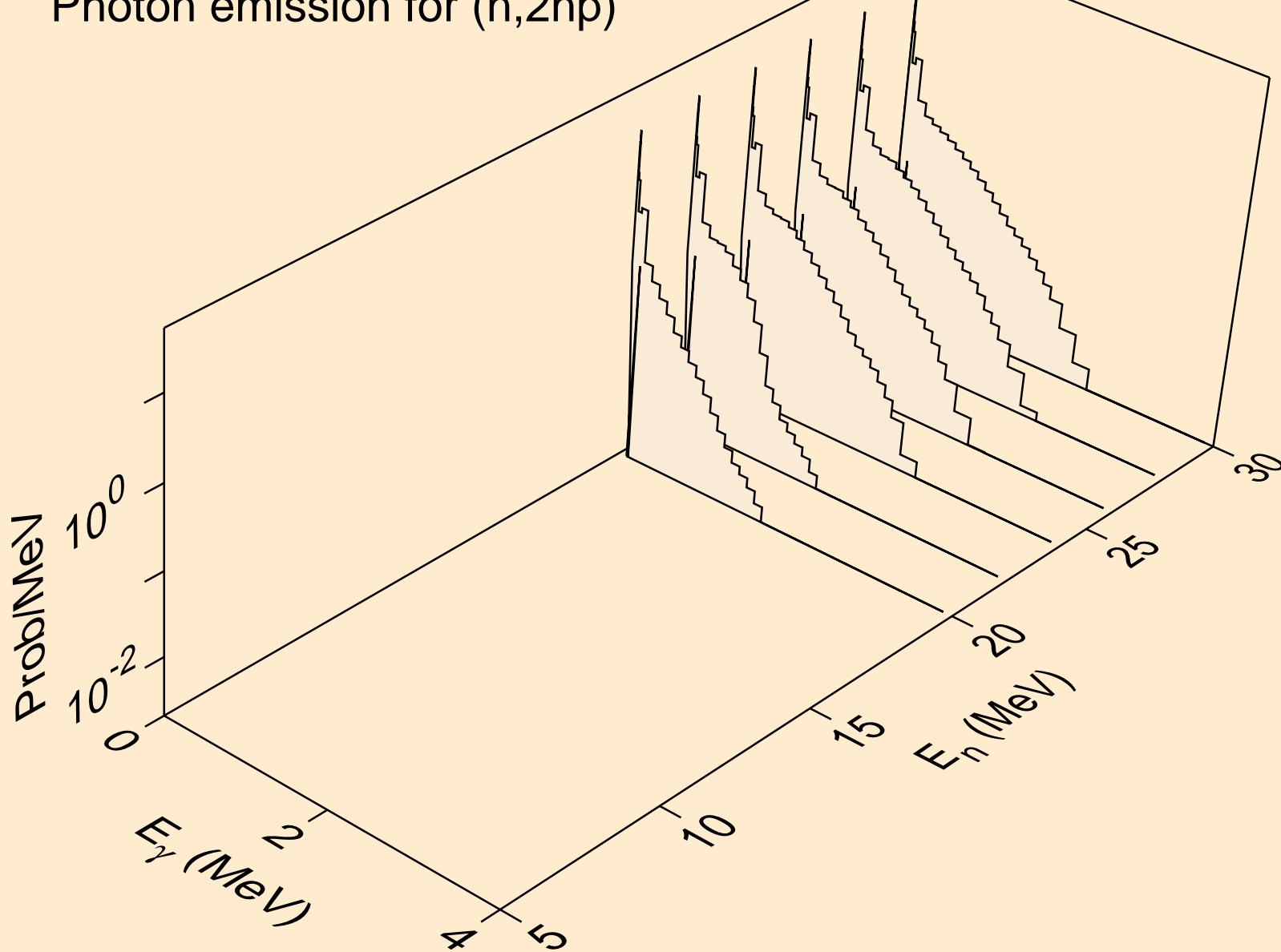
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



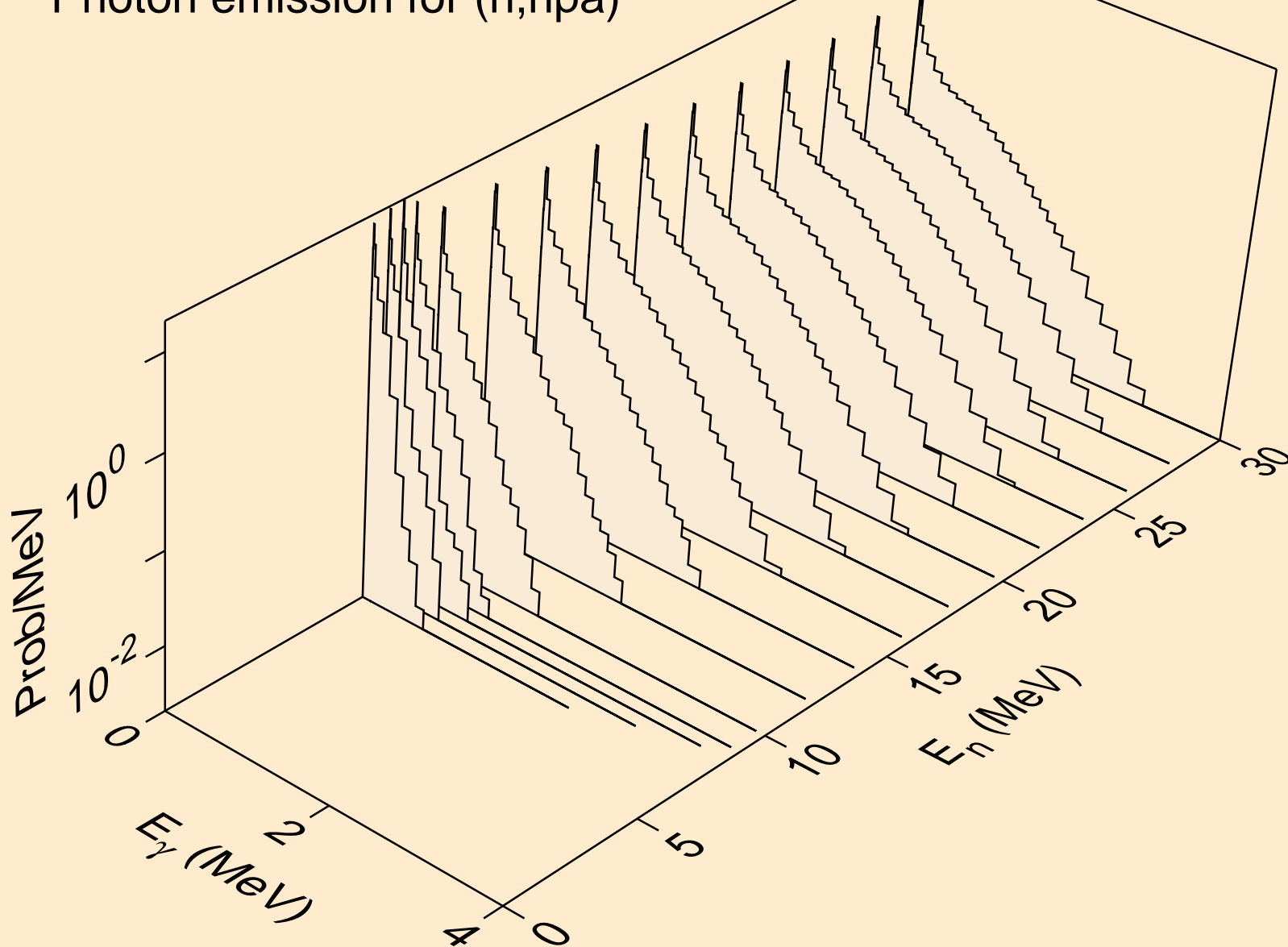
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Photon emission for (n,3np)



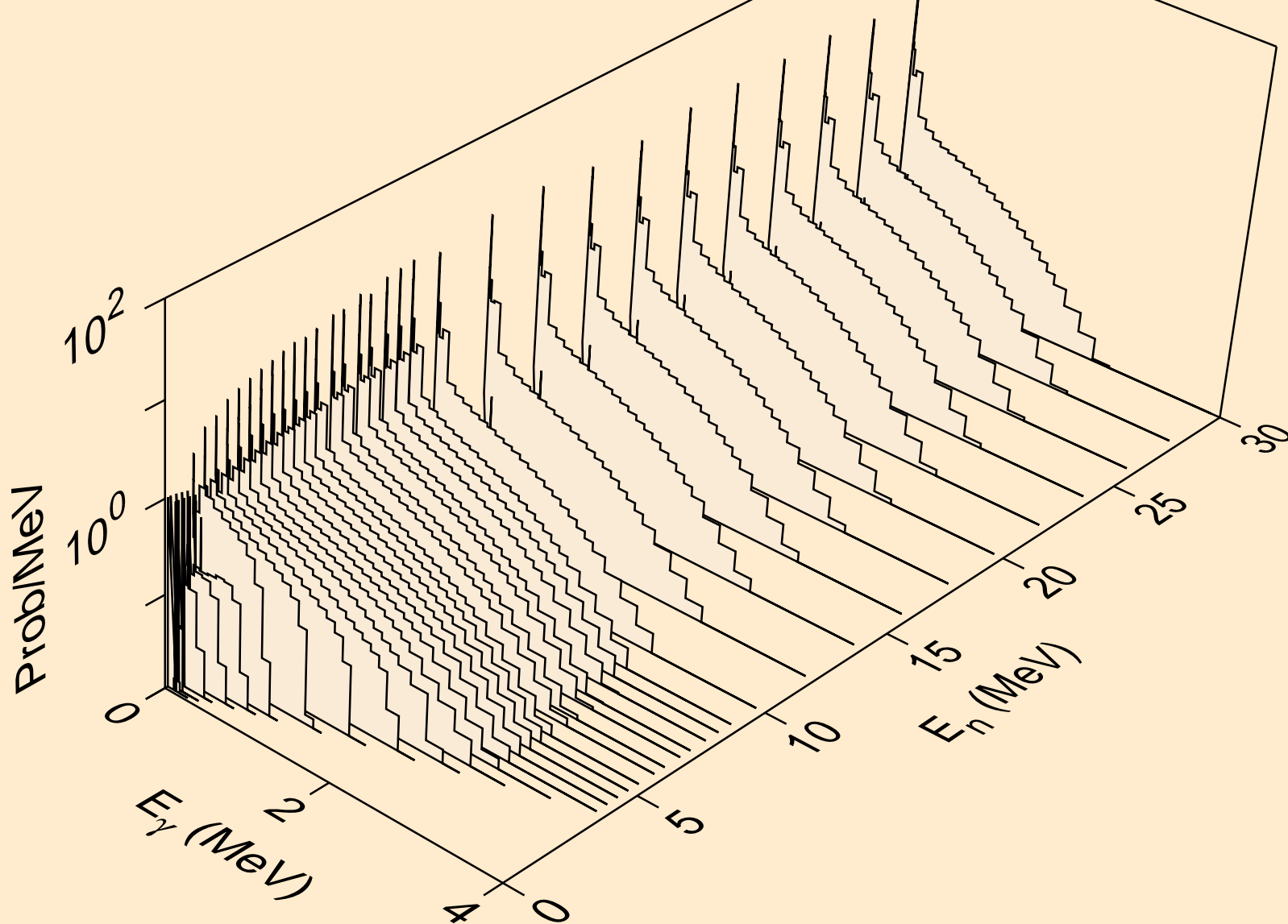
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Photon emission for (n,2np)



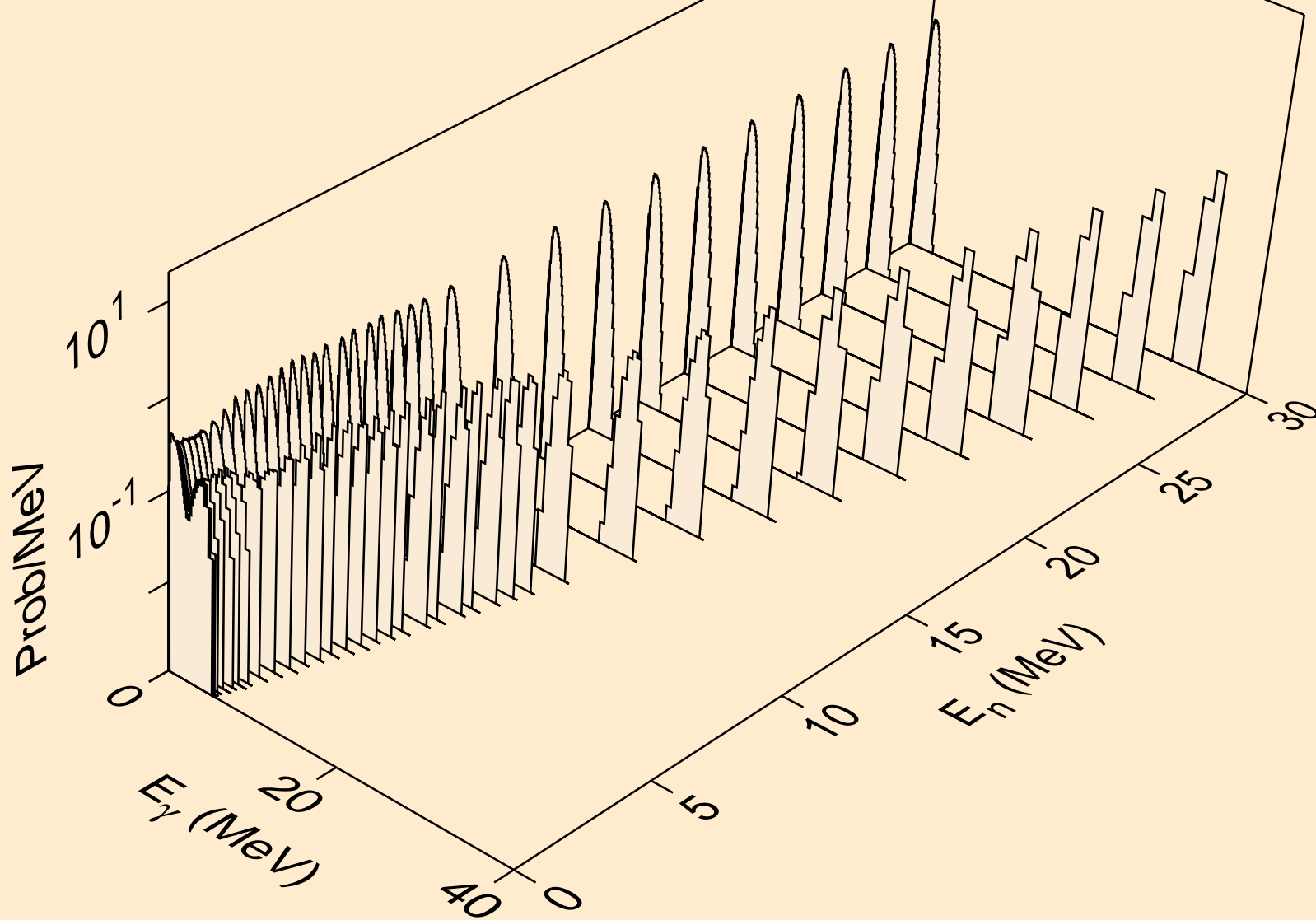
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



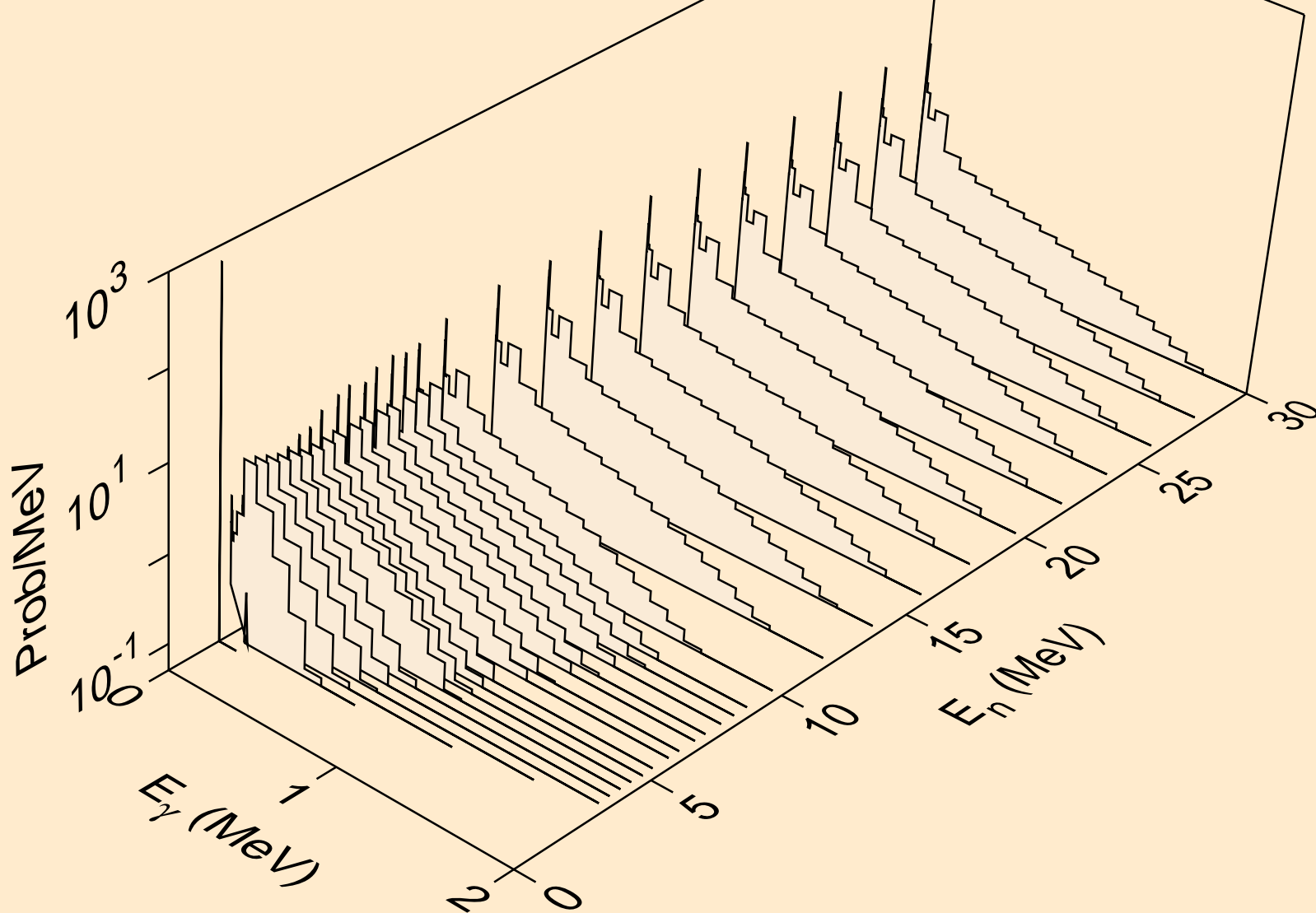
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



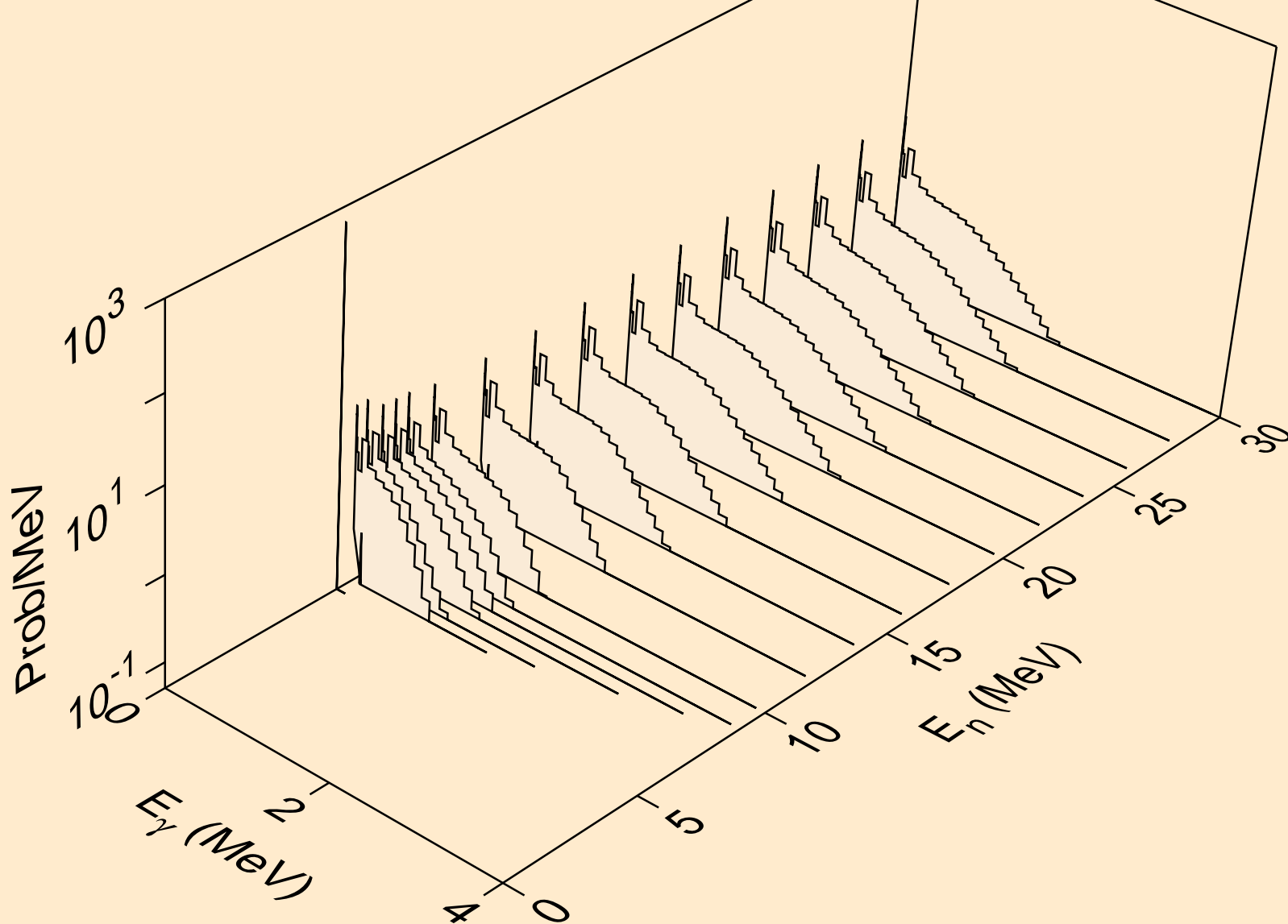
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



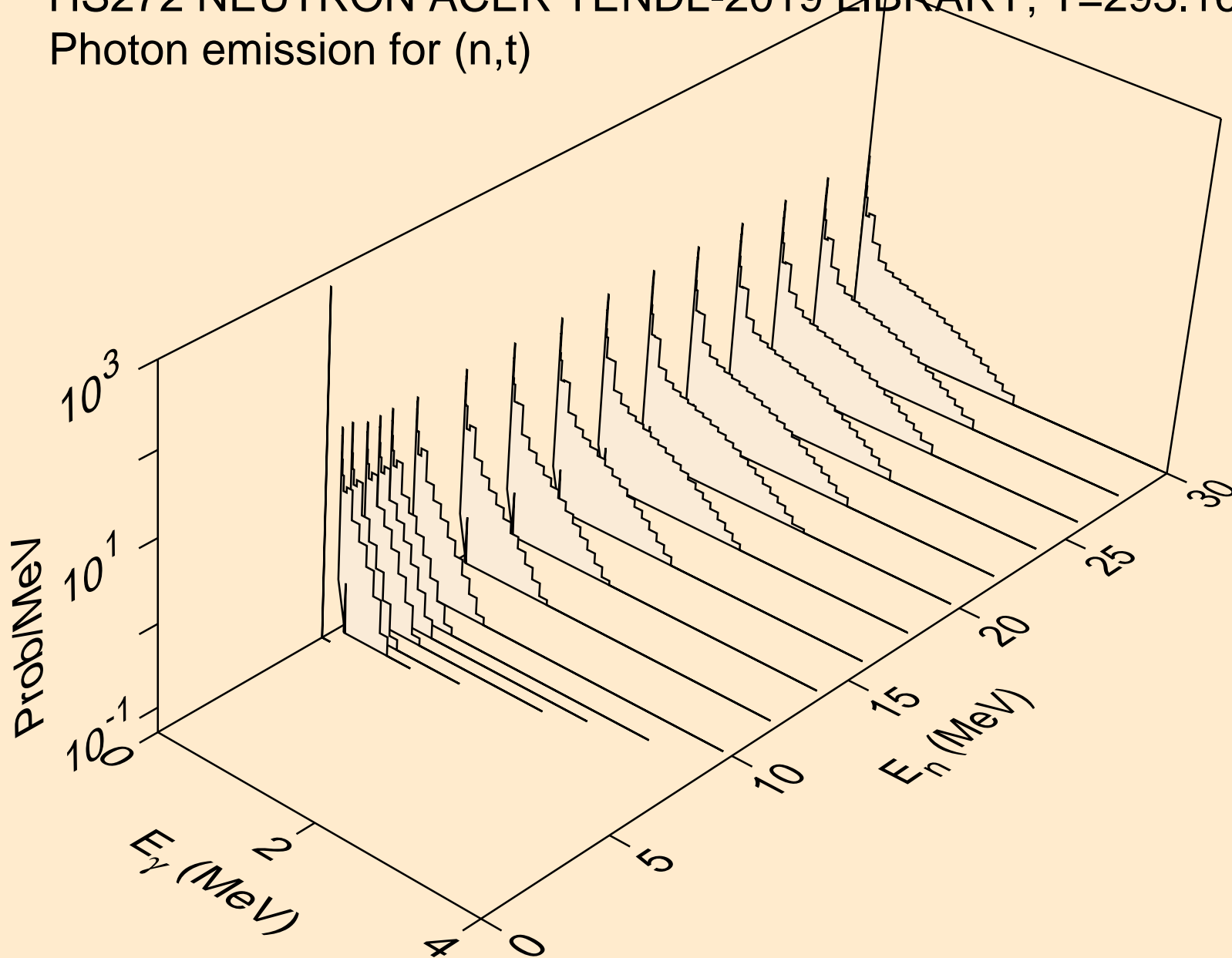
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



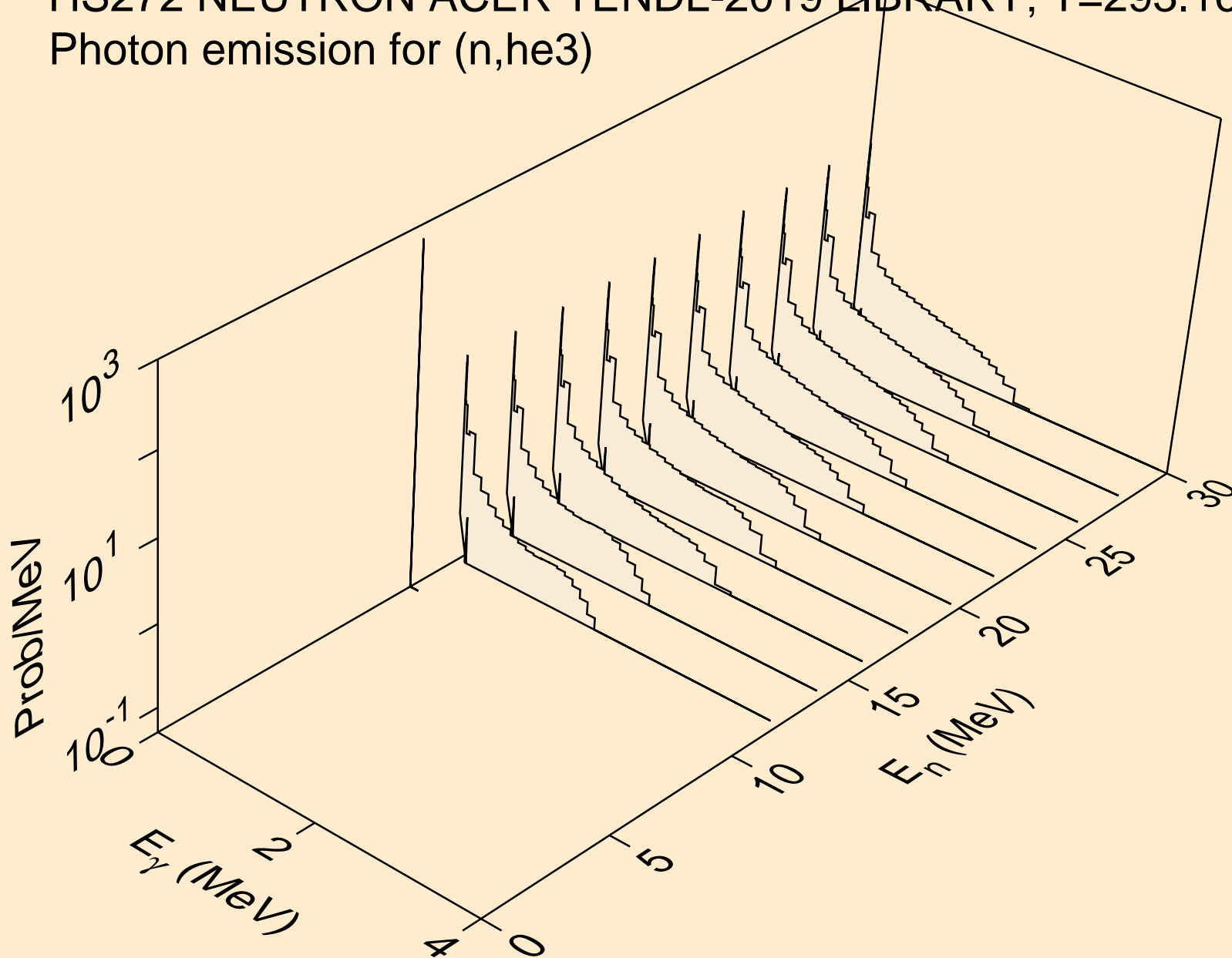
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



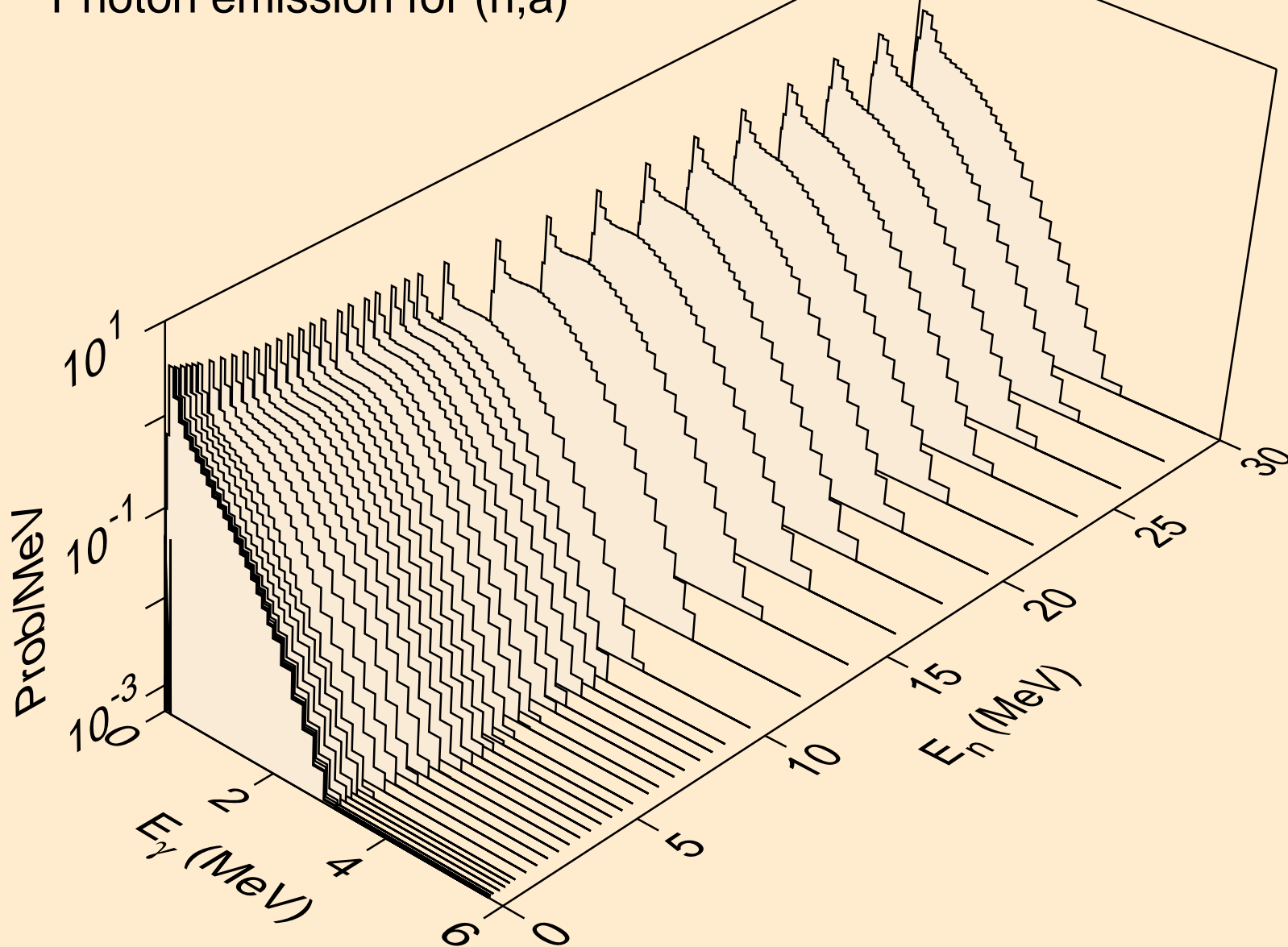
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



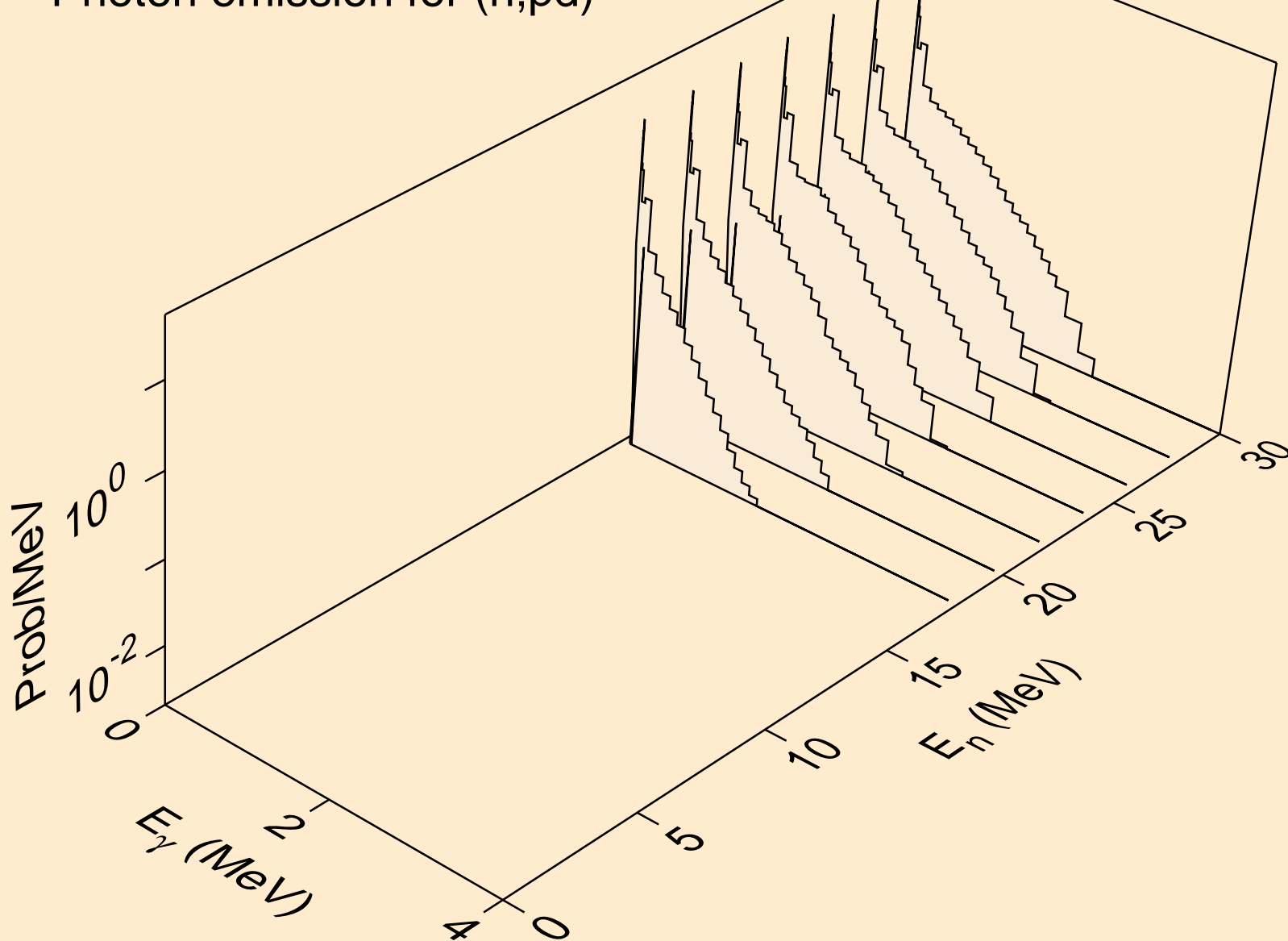
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



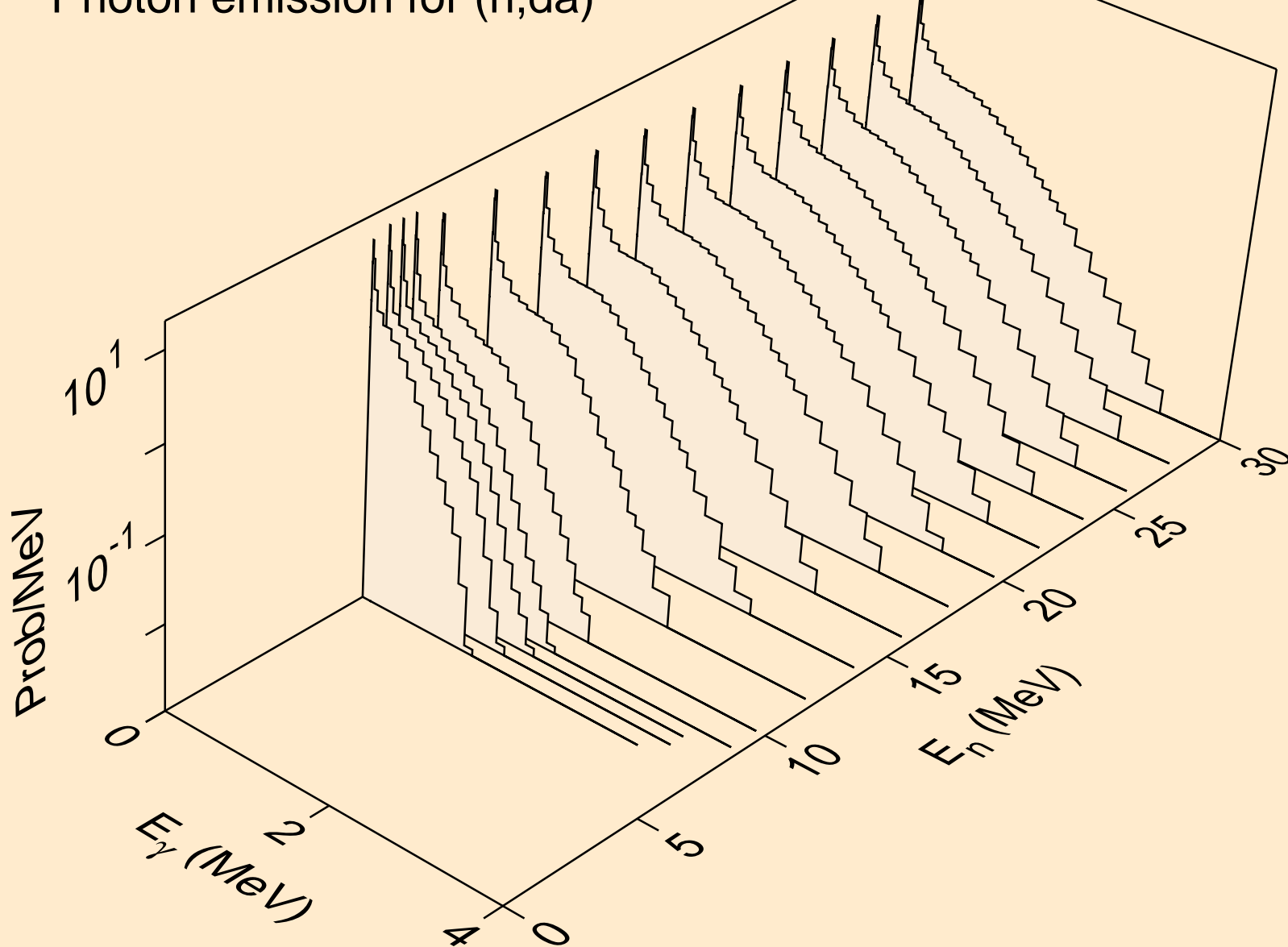
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



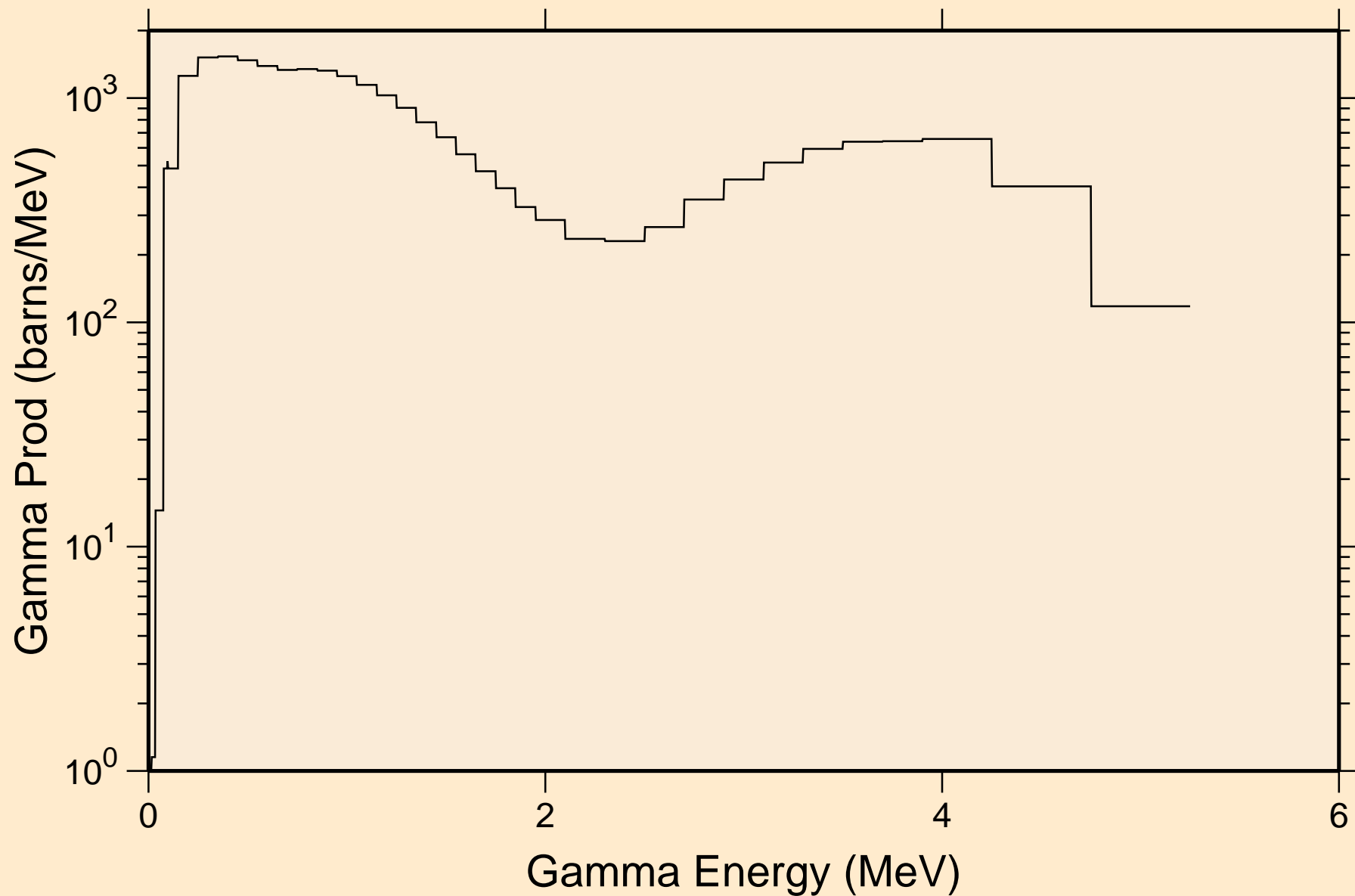
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



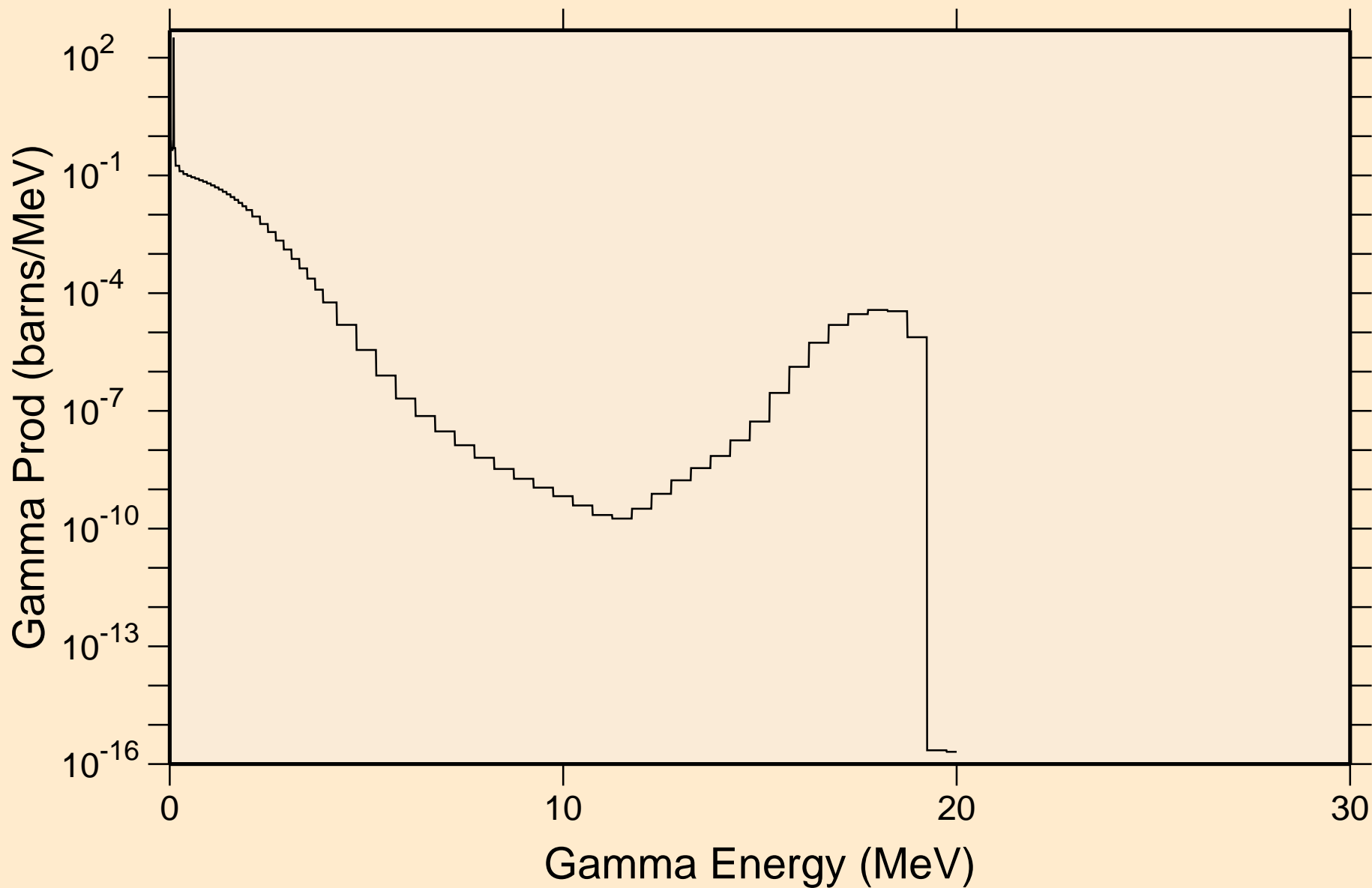
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

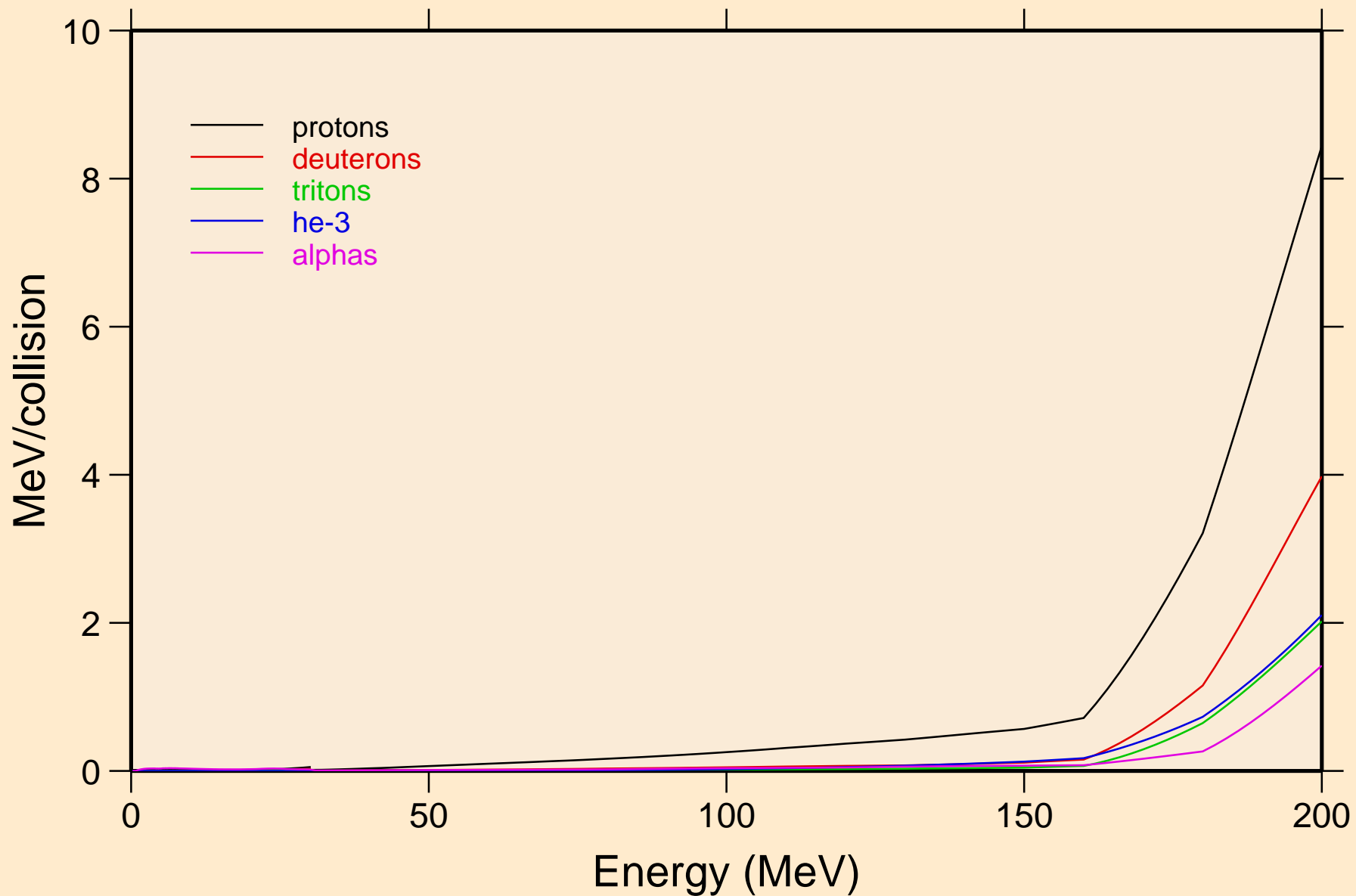


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

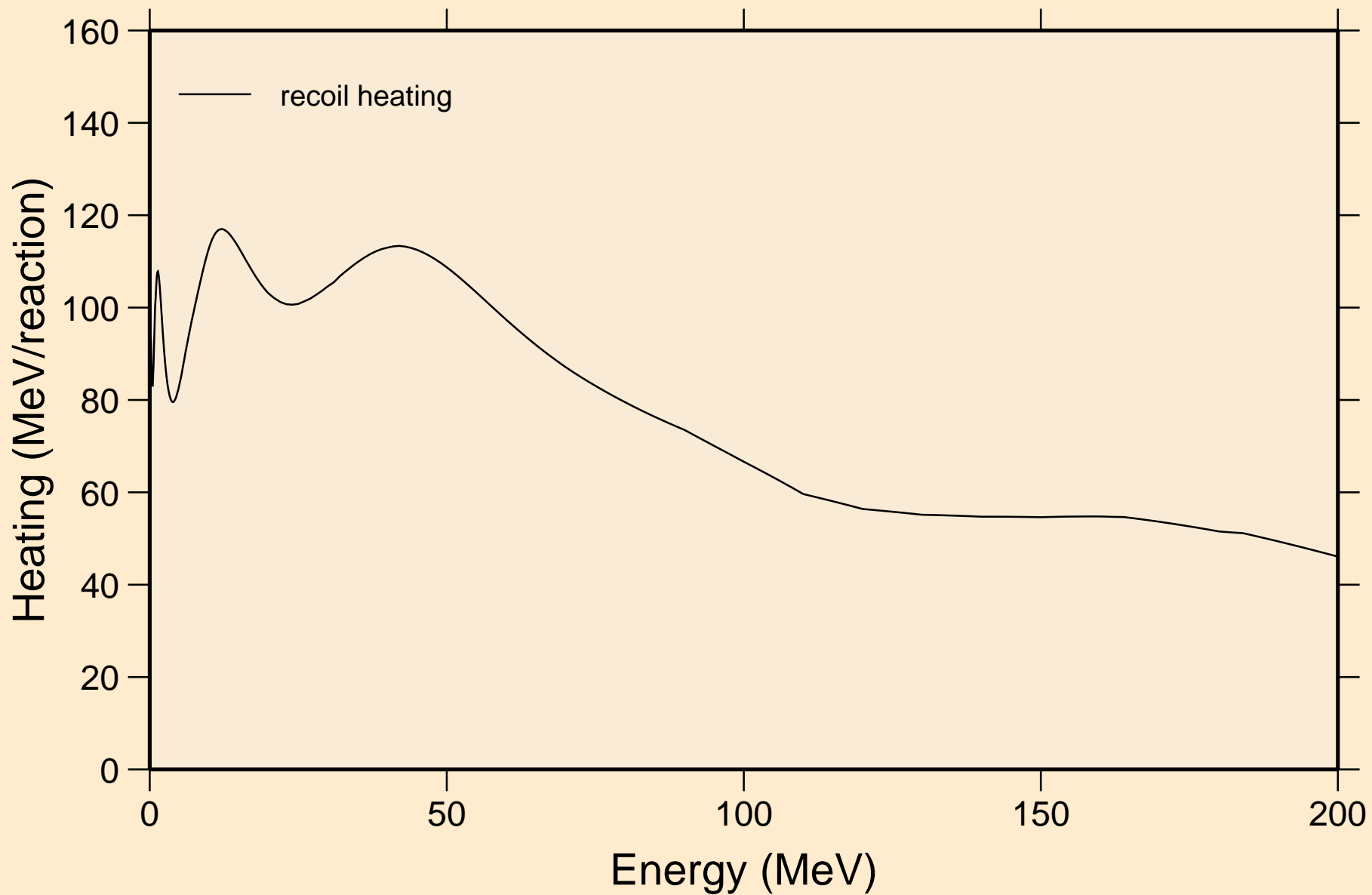


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

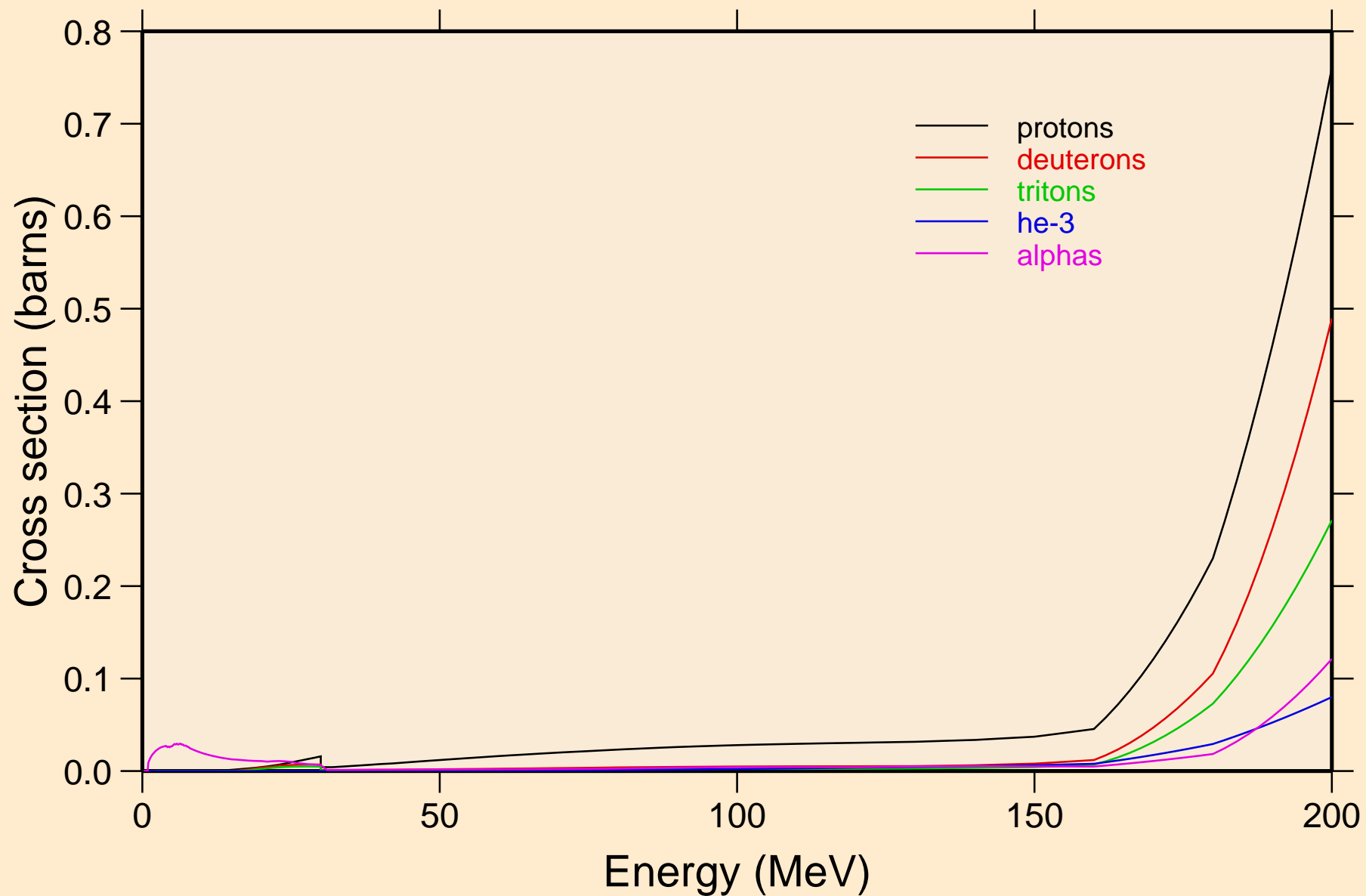


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

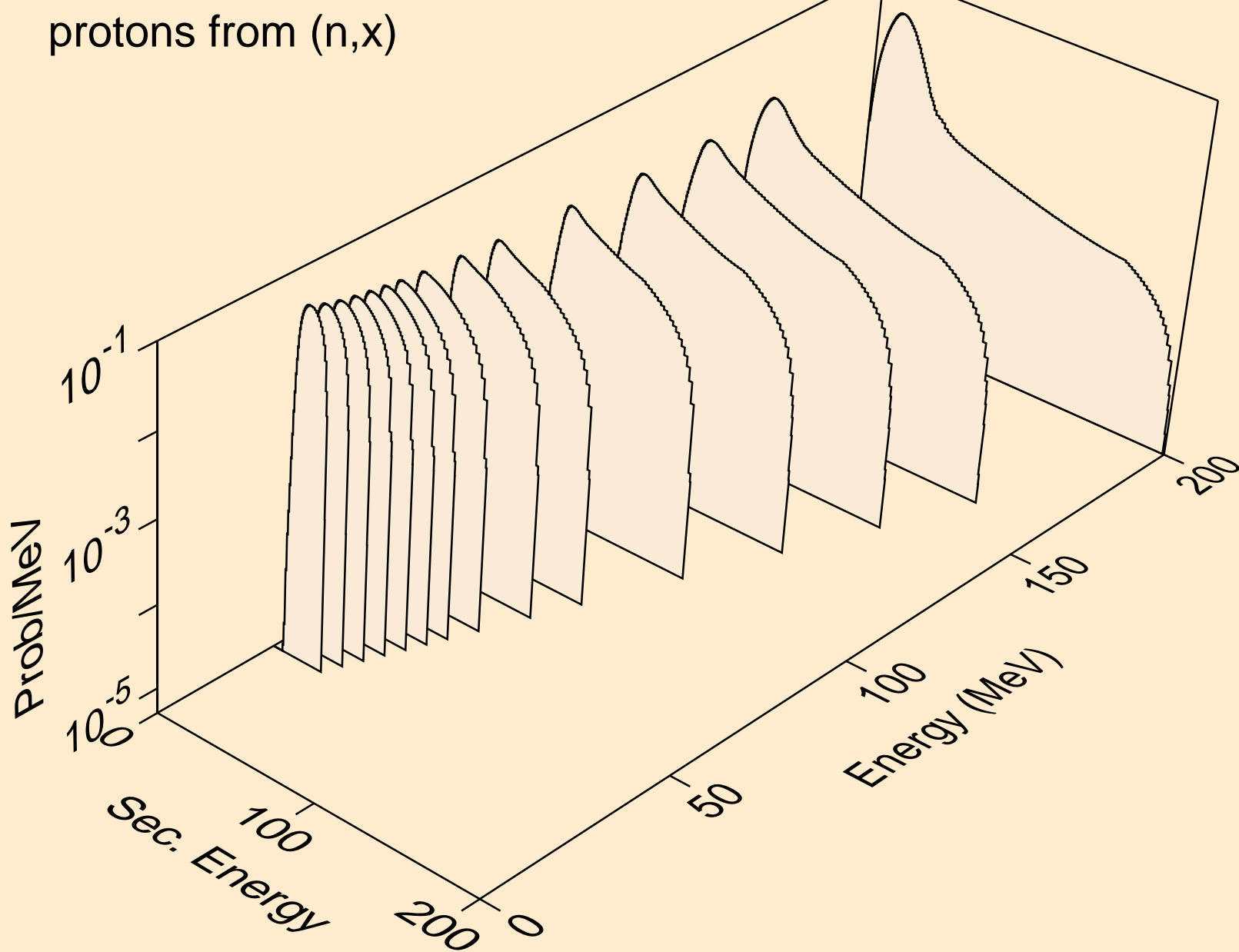


HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

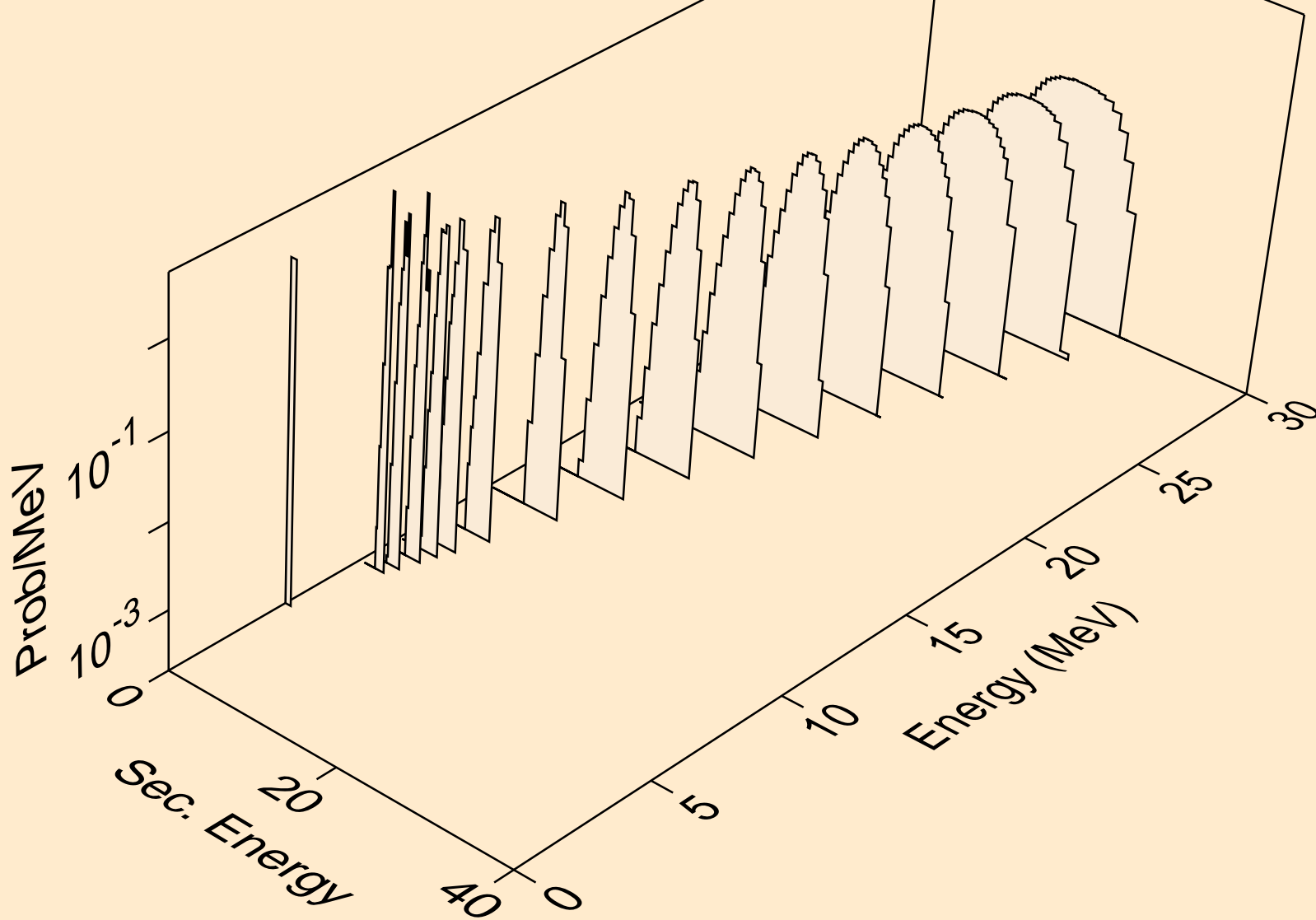
Particle production cross sections



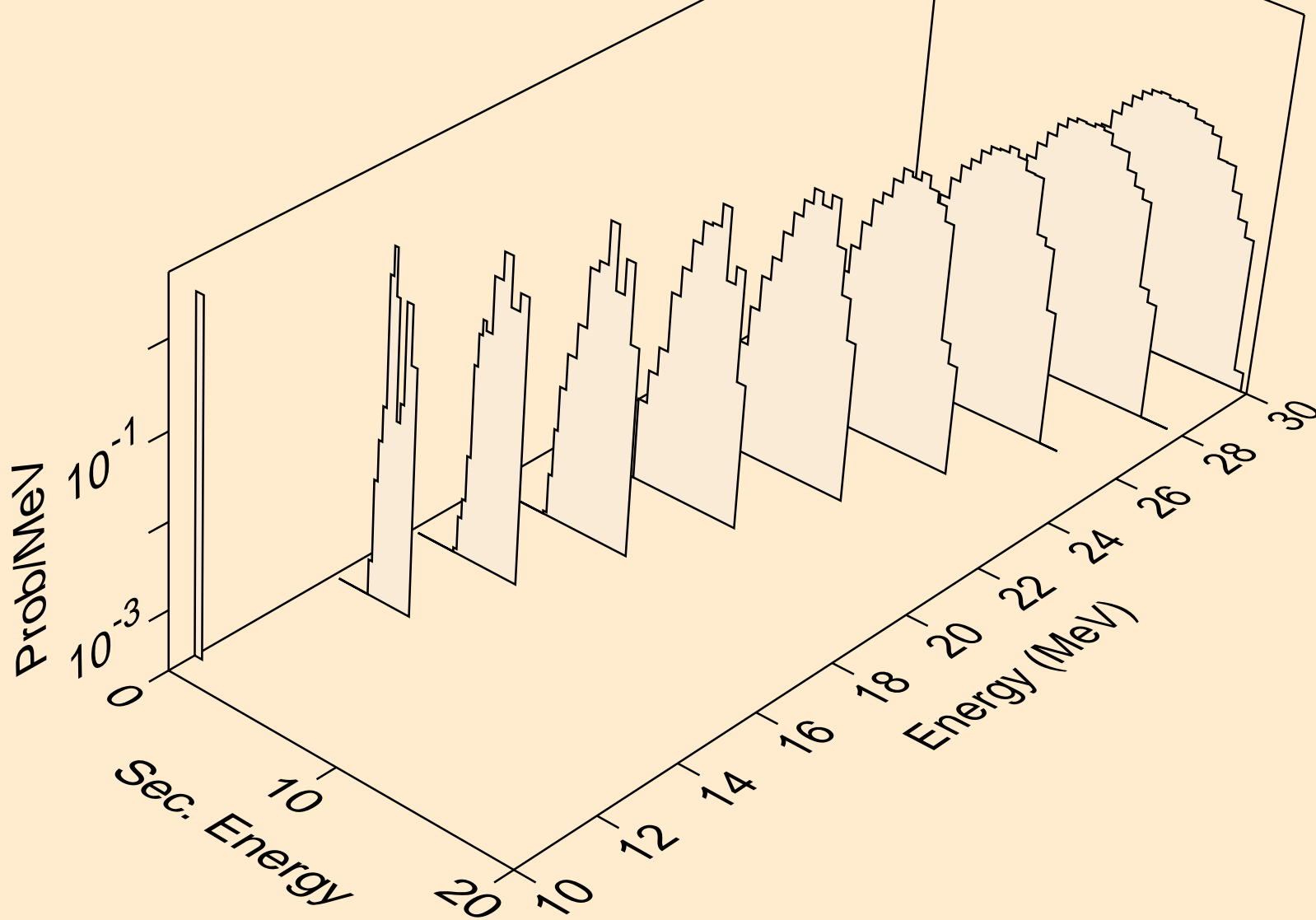
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



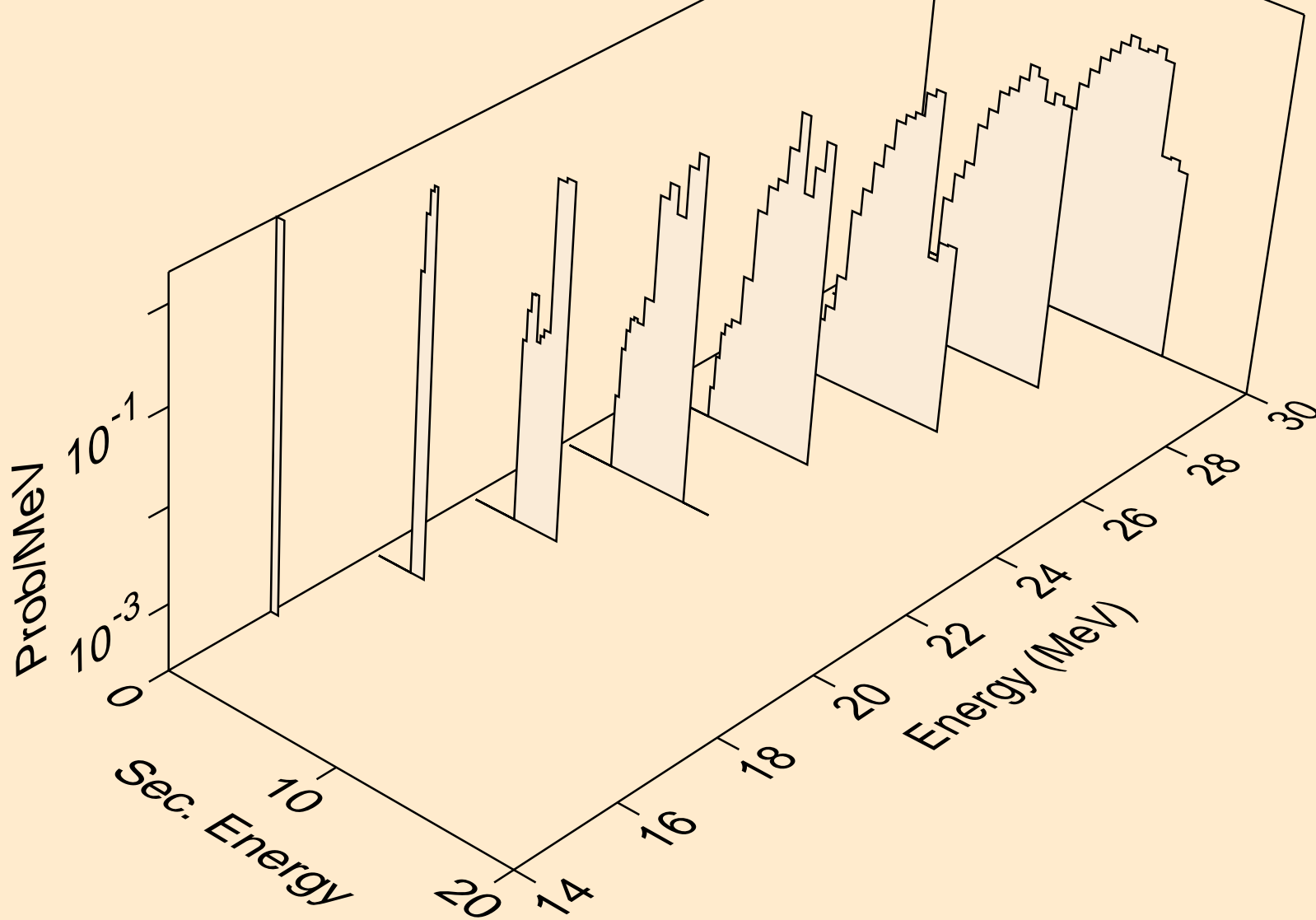
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



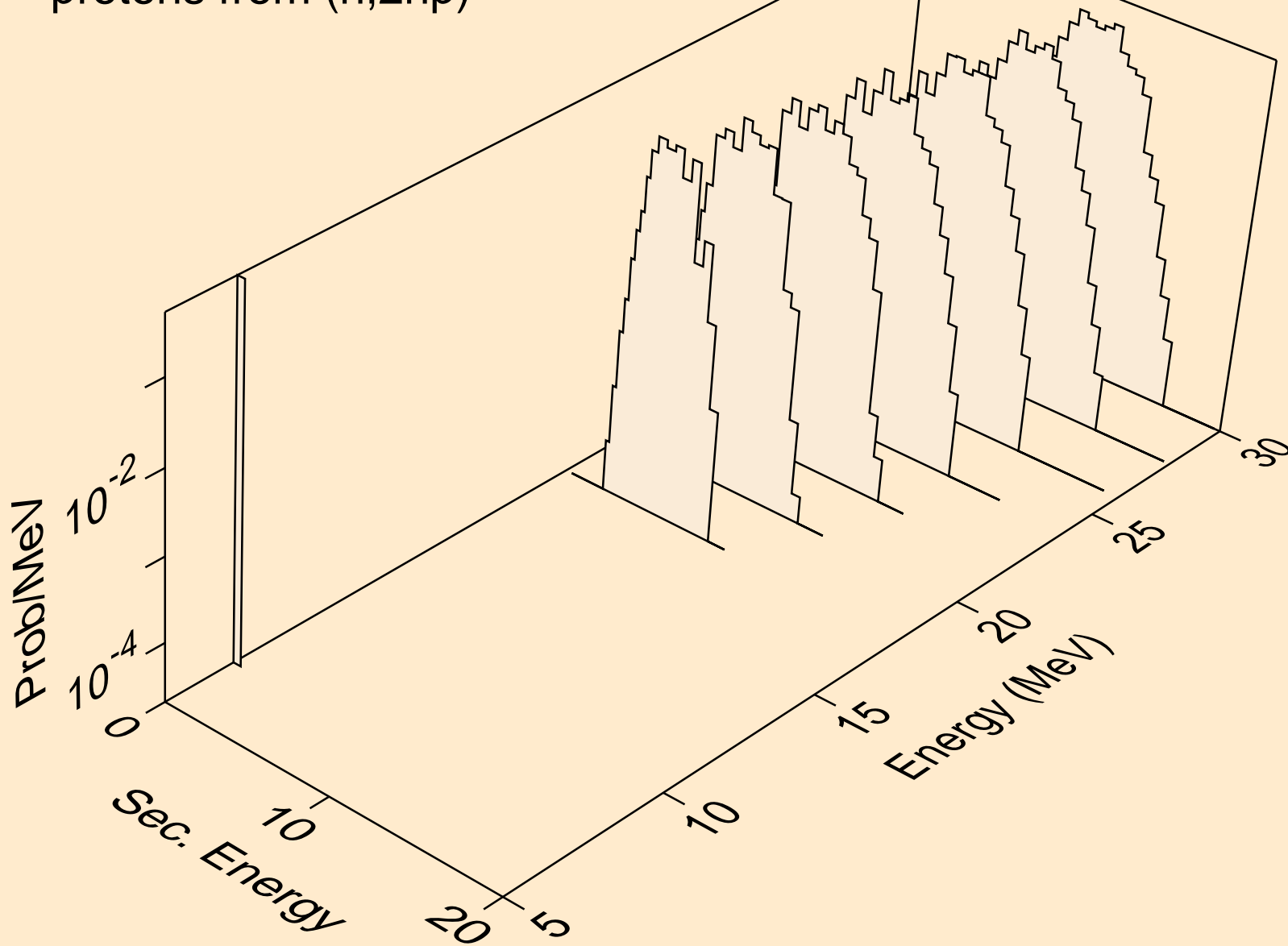
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



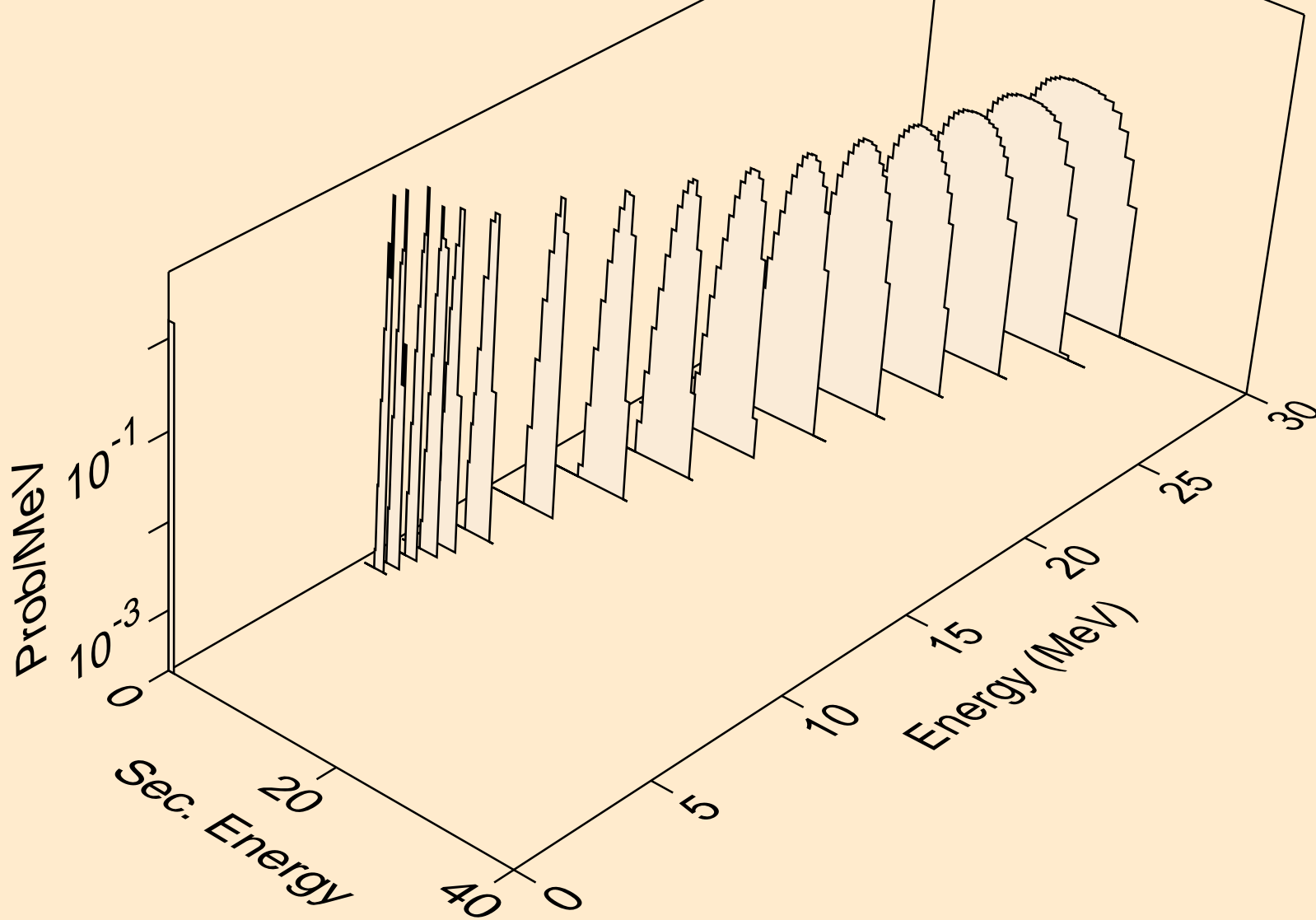
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



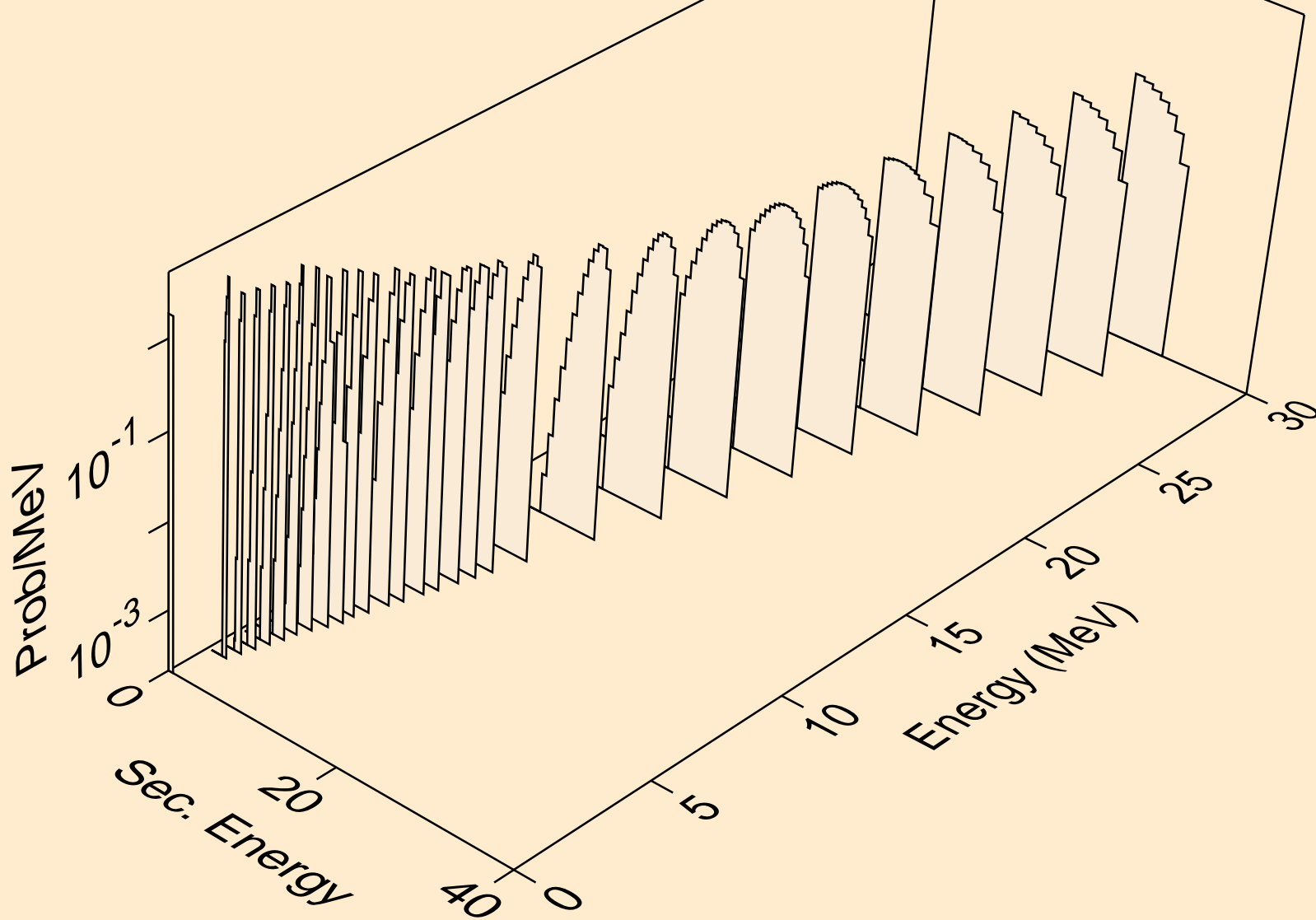
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



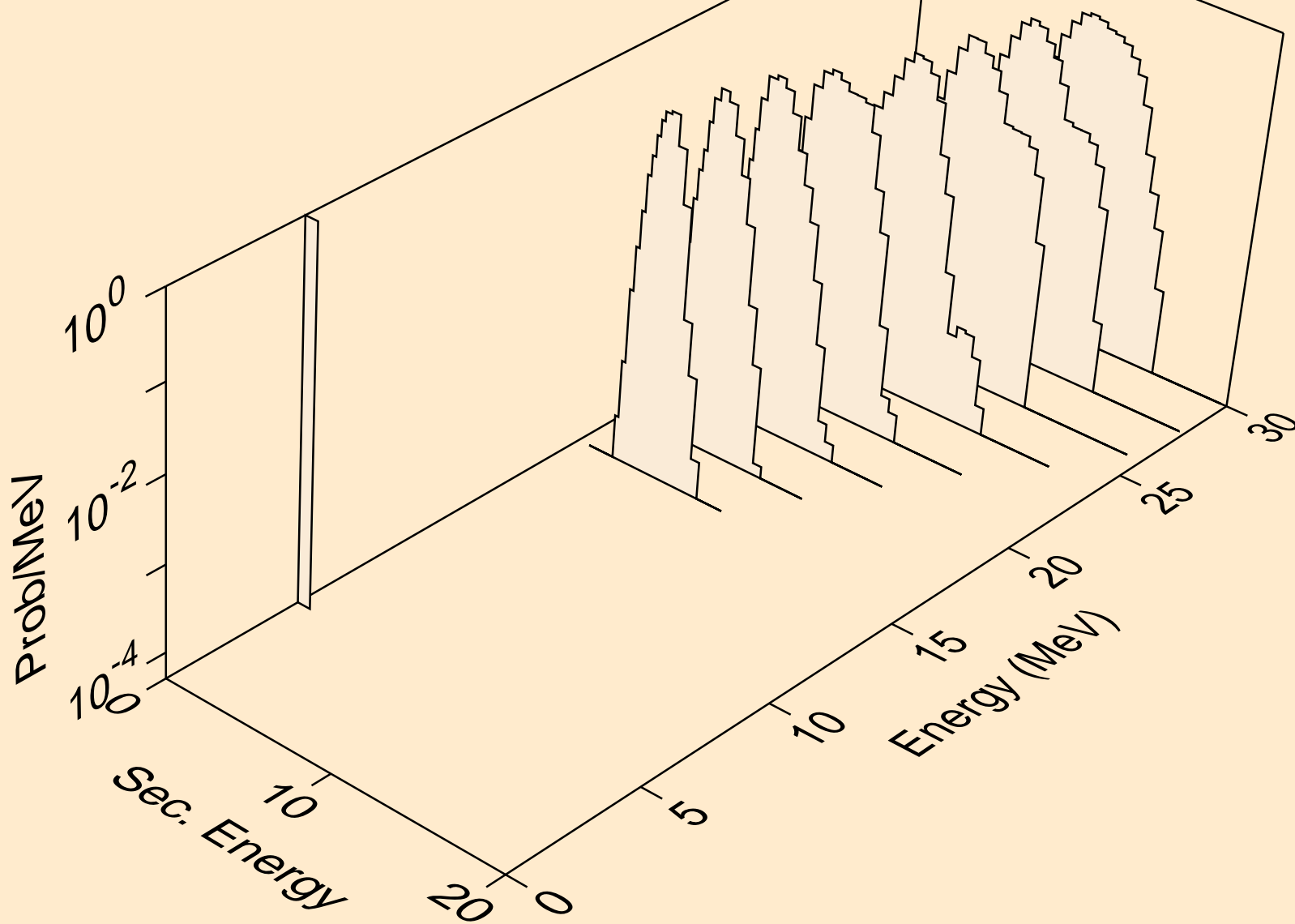
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protons from (n,npa)



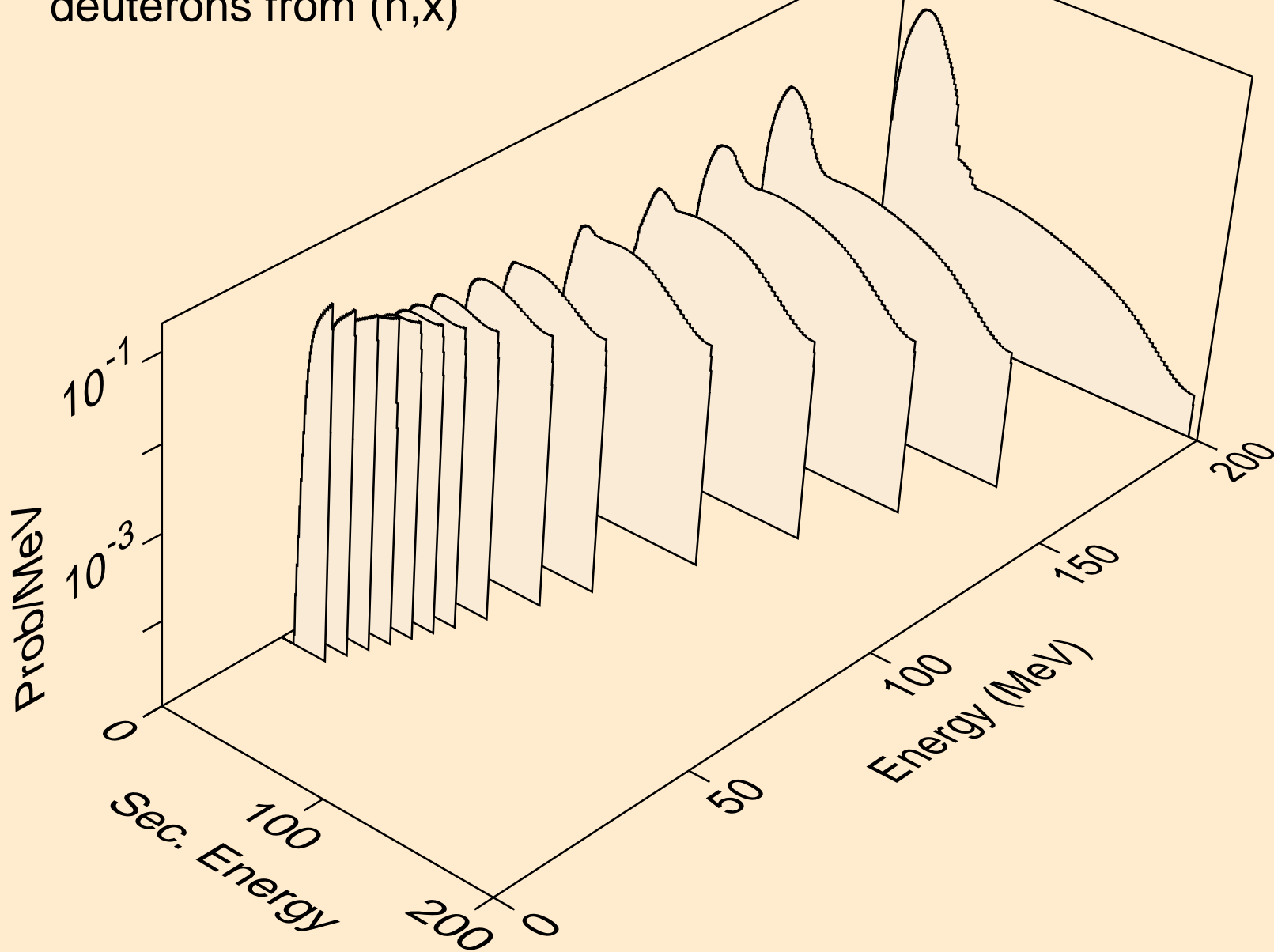
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



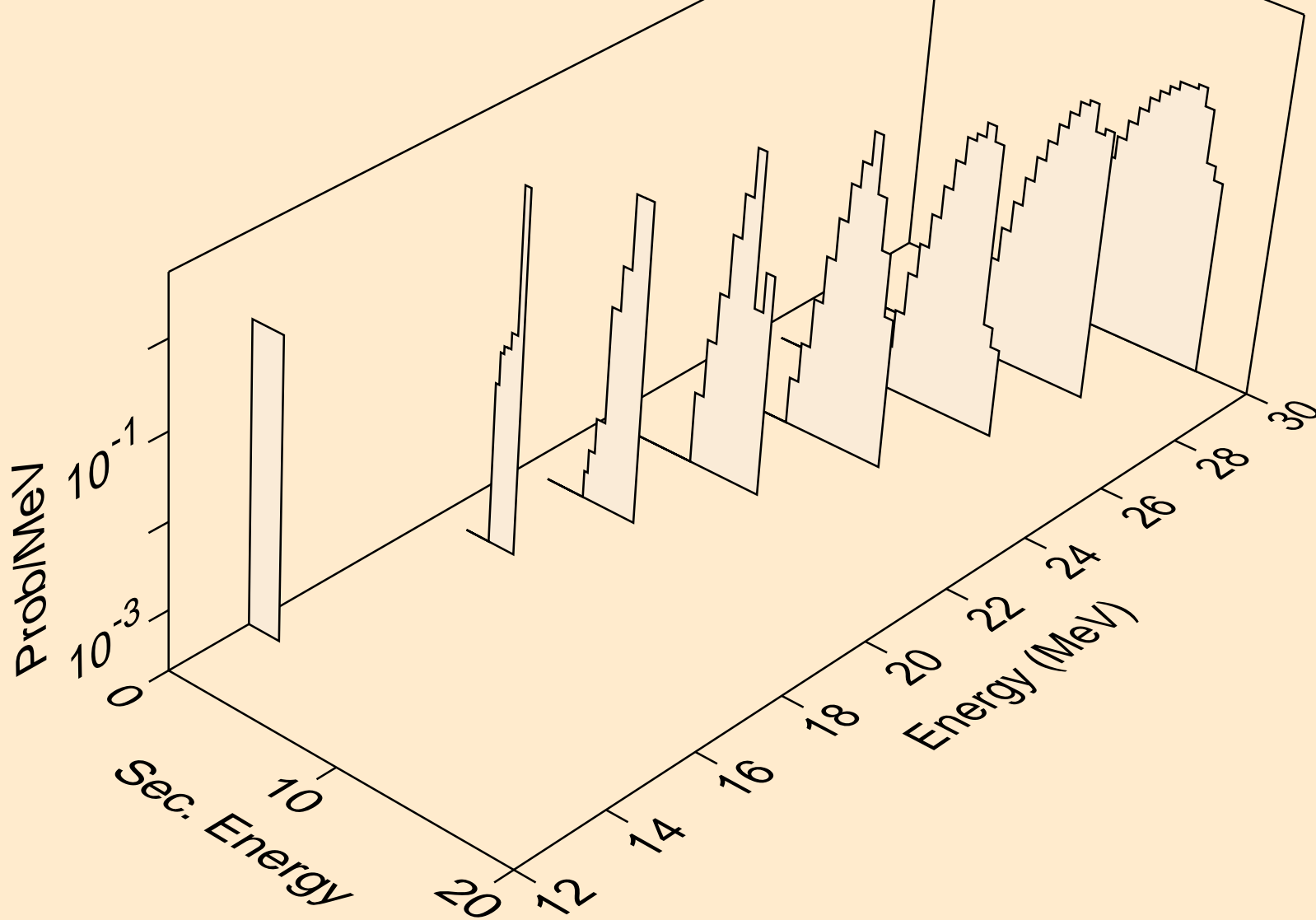
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



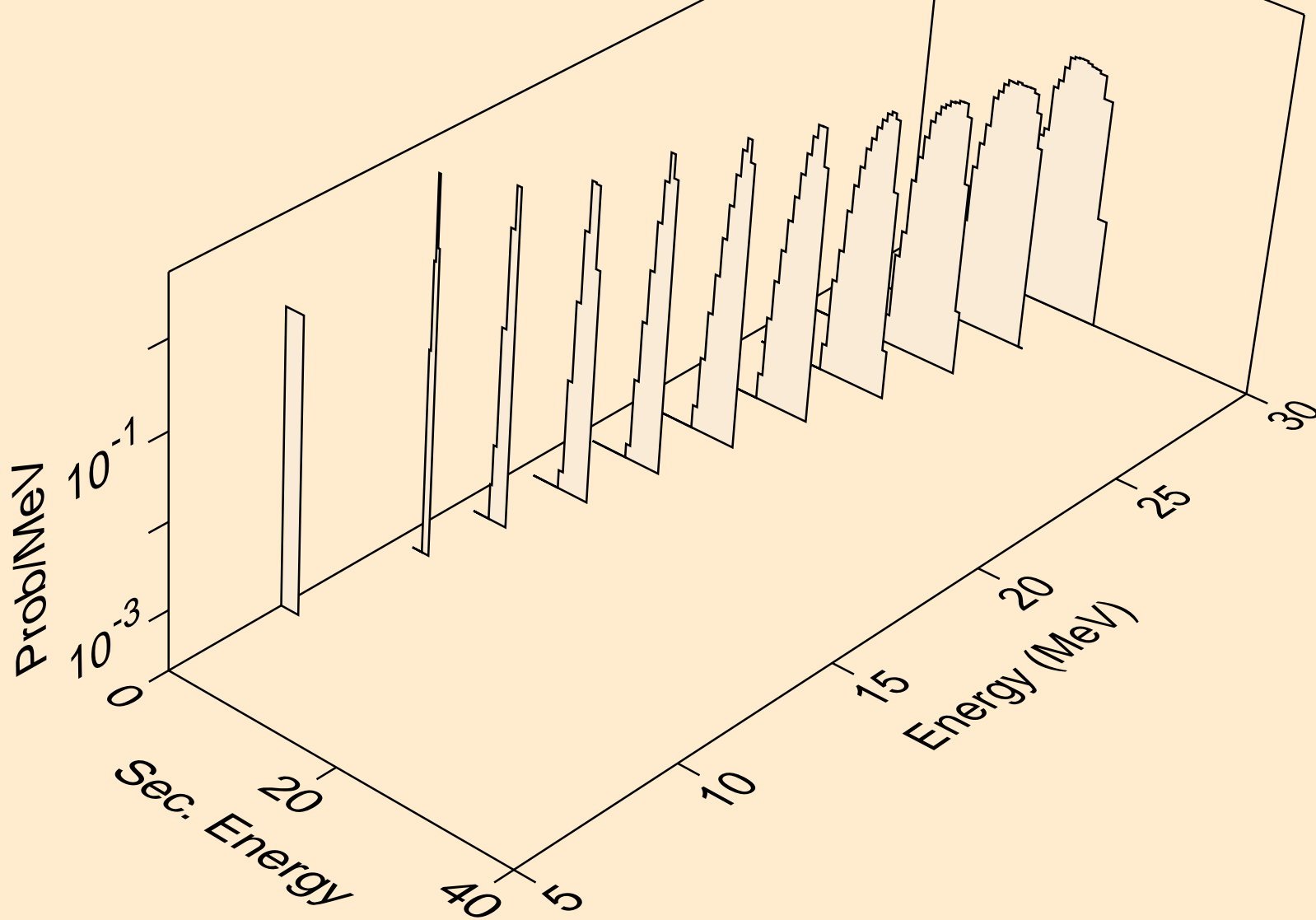
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



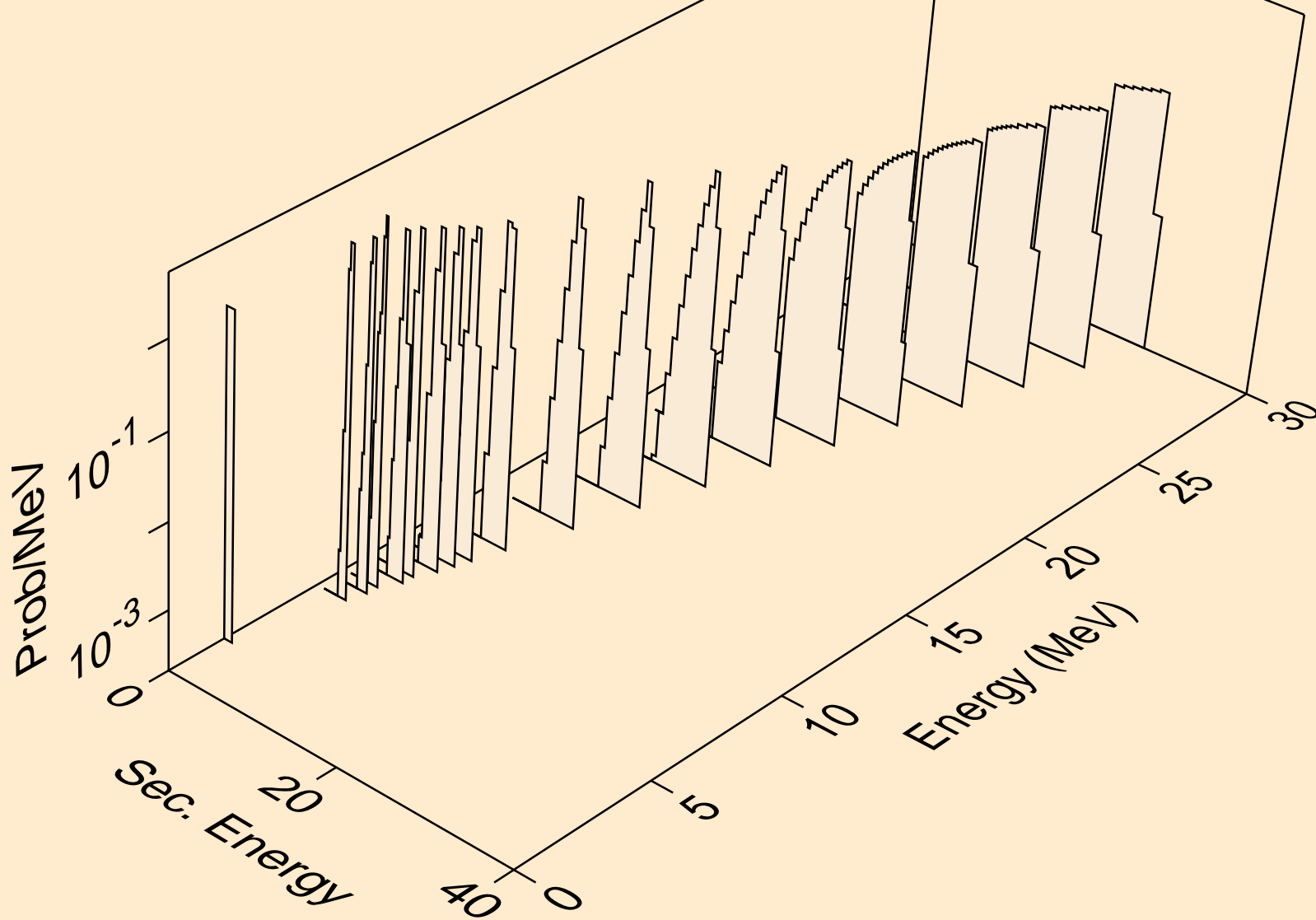
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



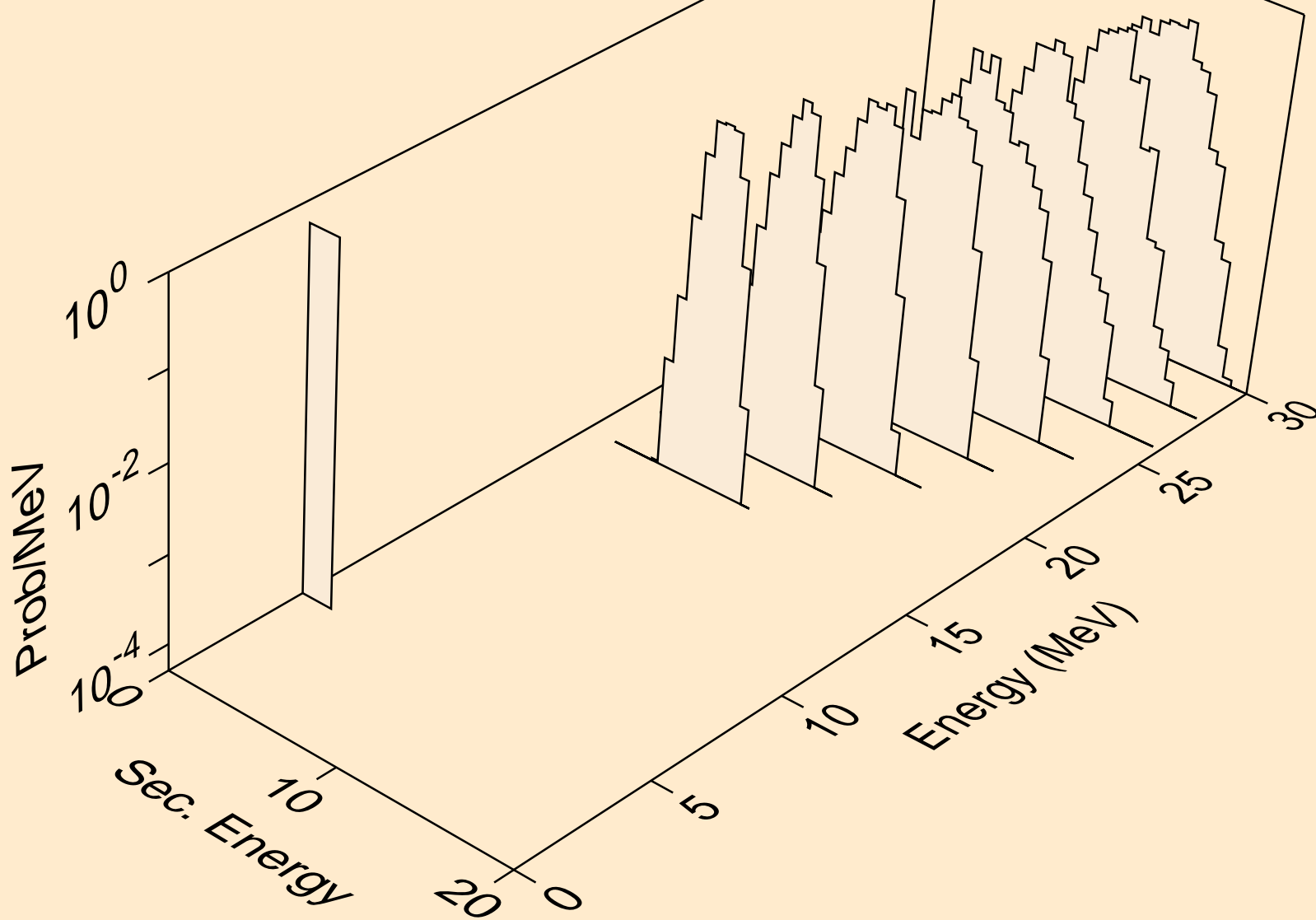
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



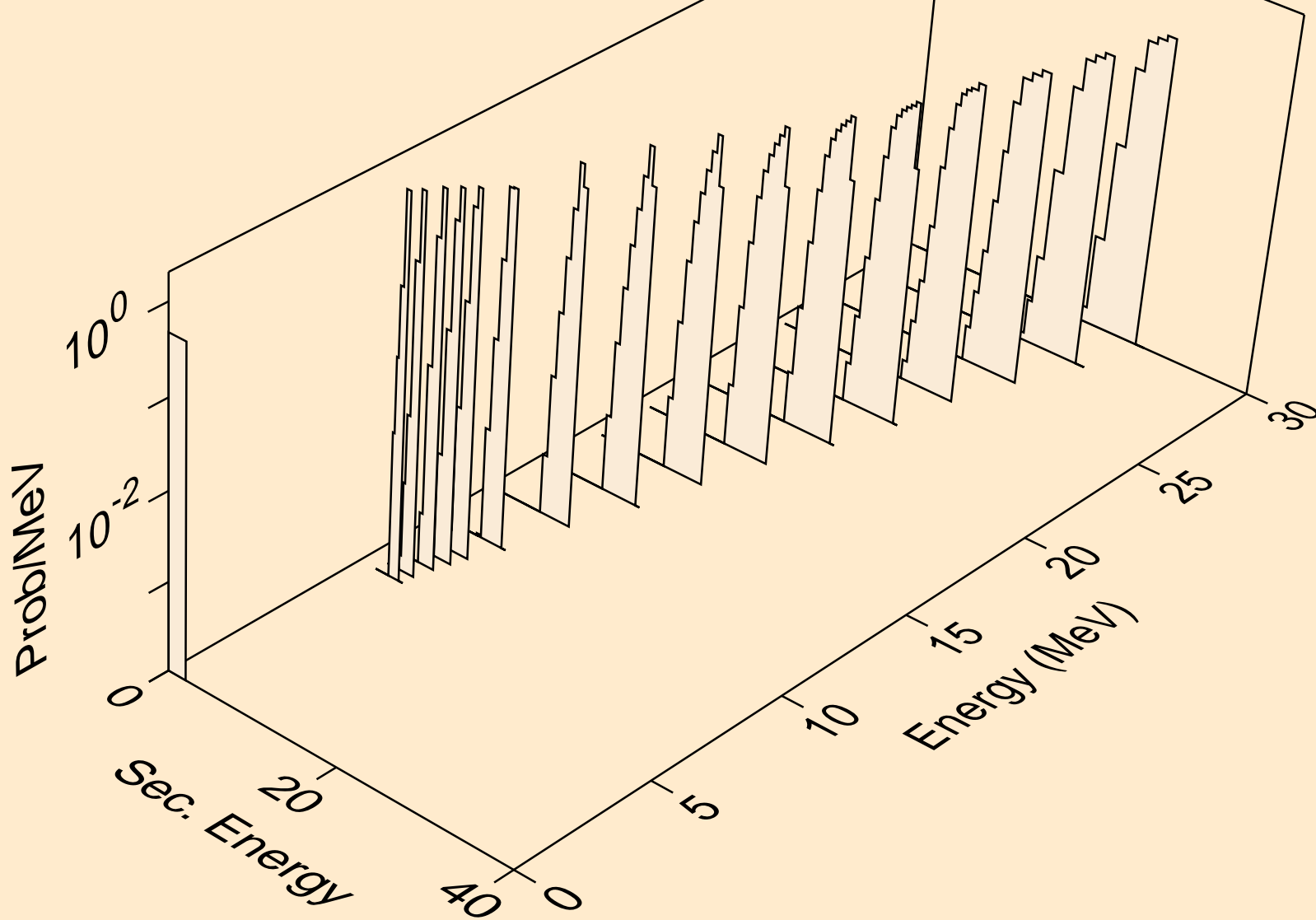
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deuterons from (n,d)



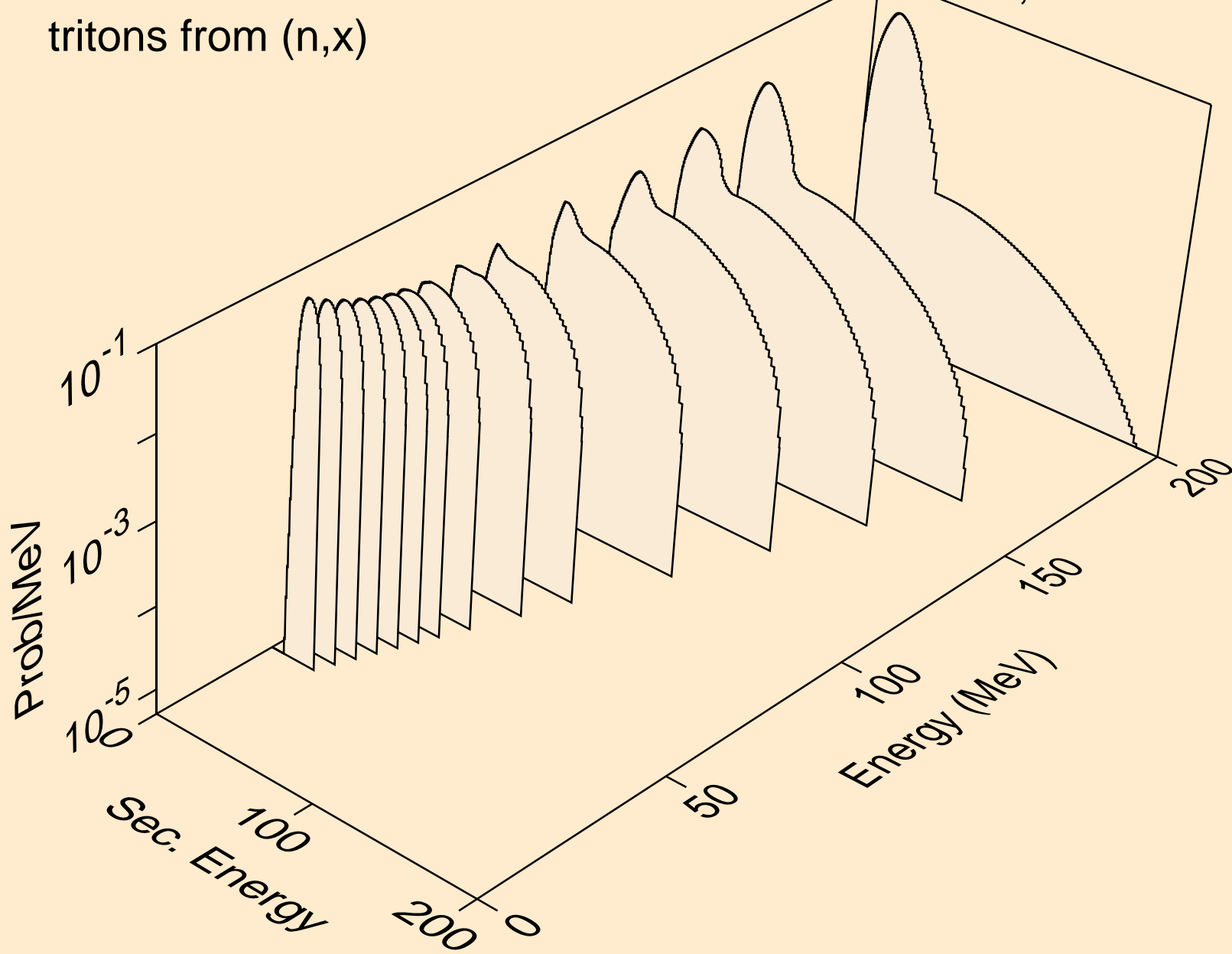
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



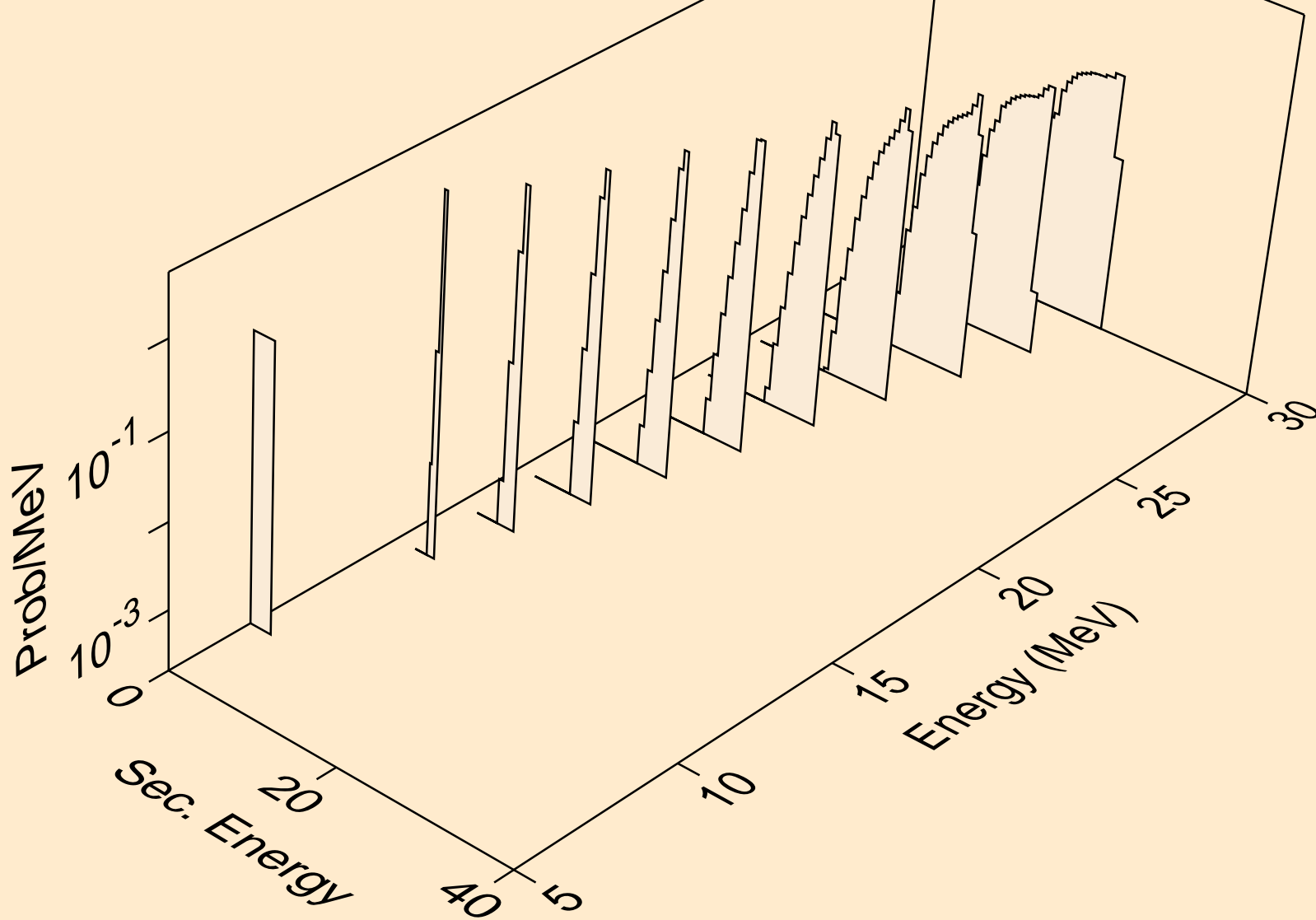
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deuterons from (n,da)



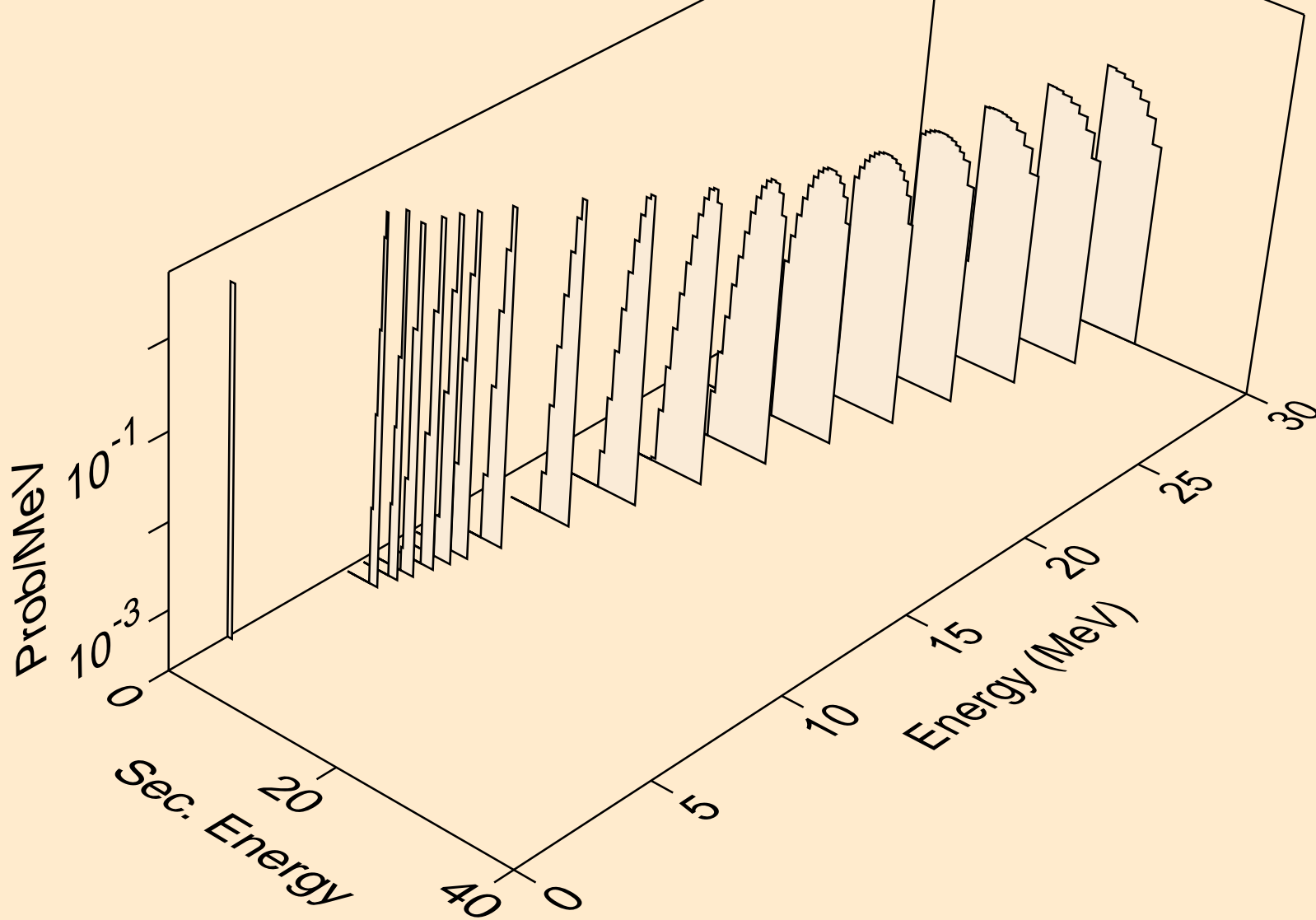
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



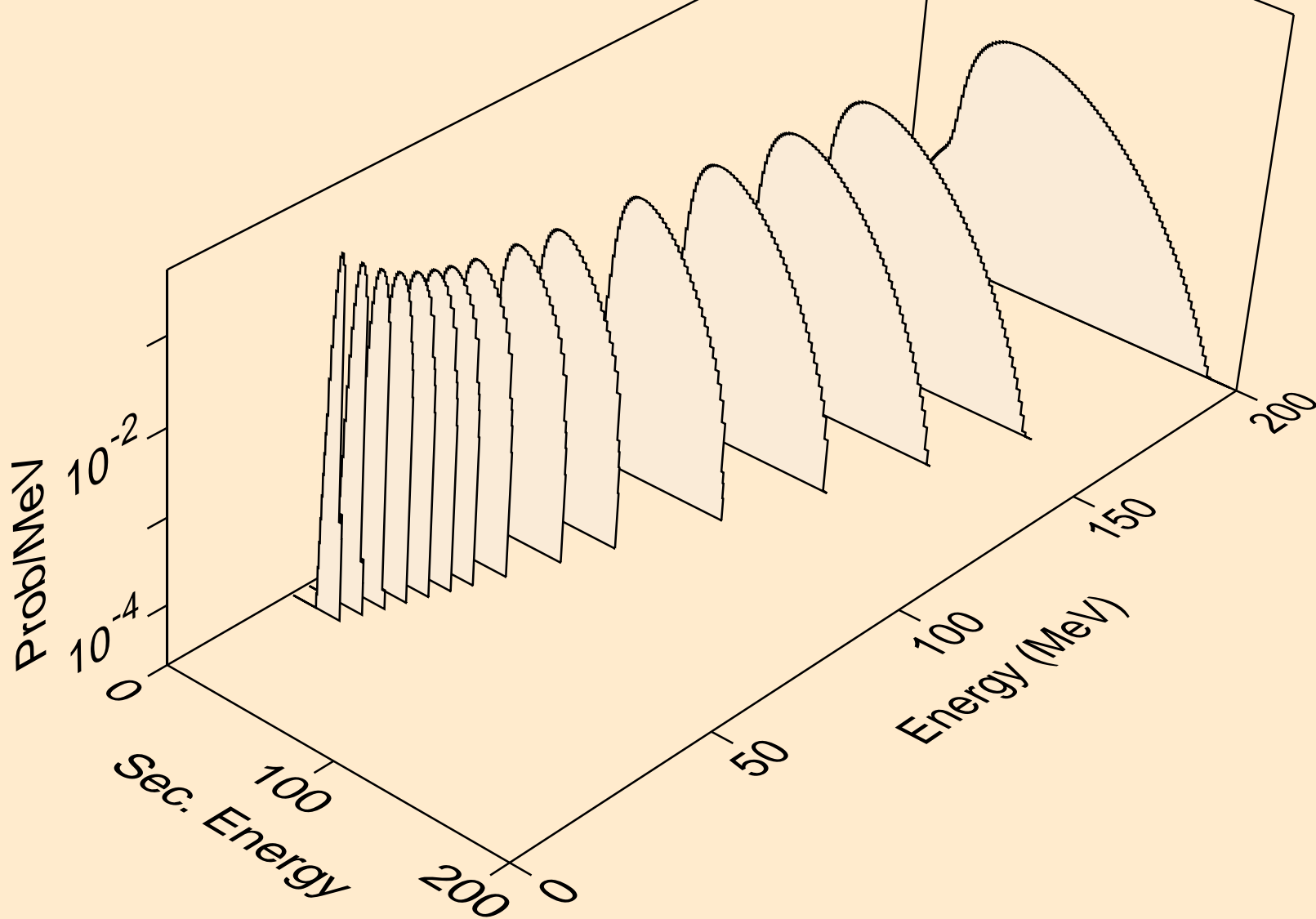
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



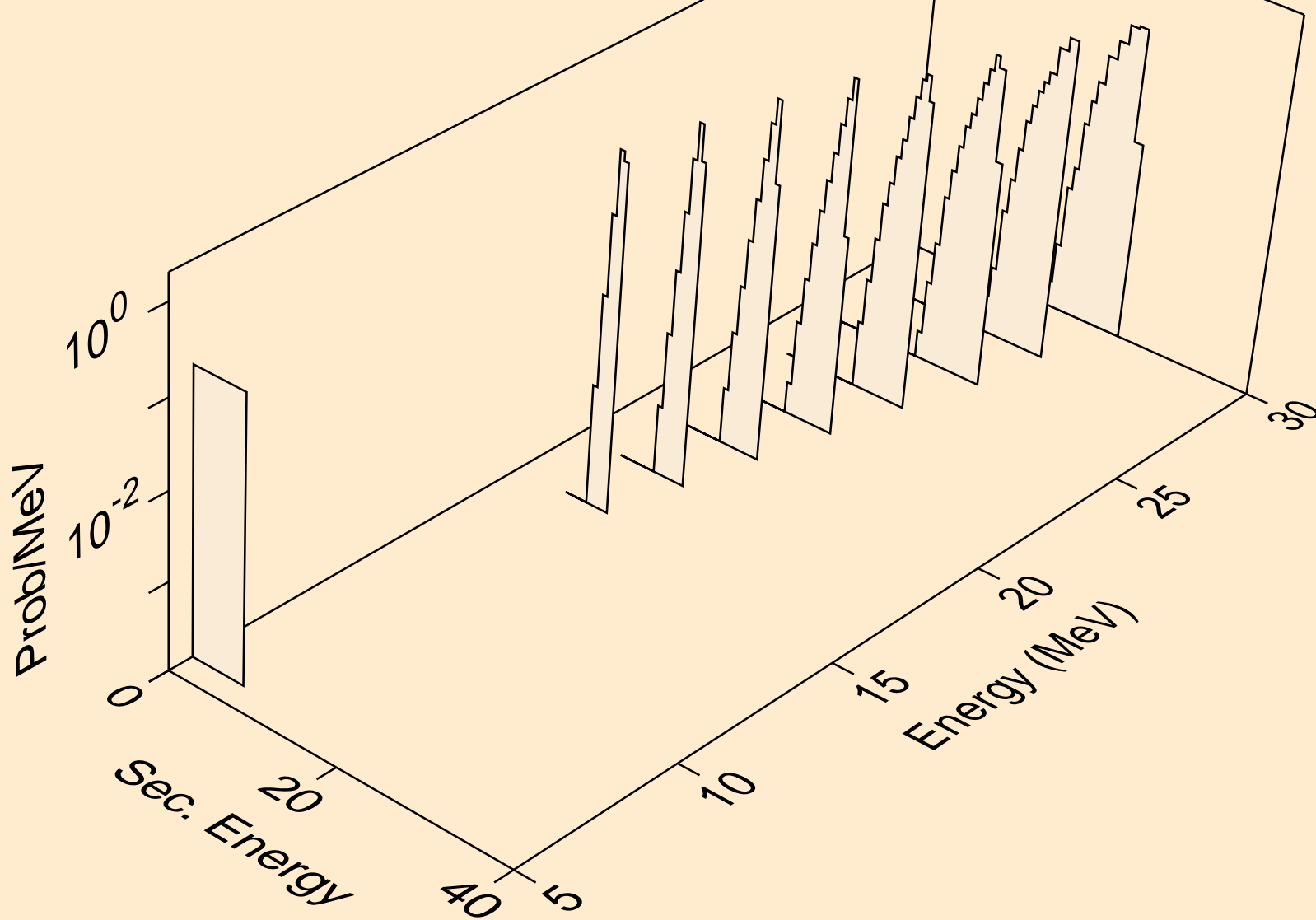
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tritons from (n,t)



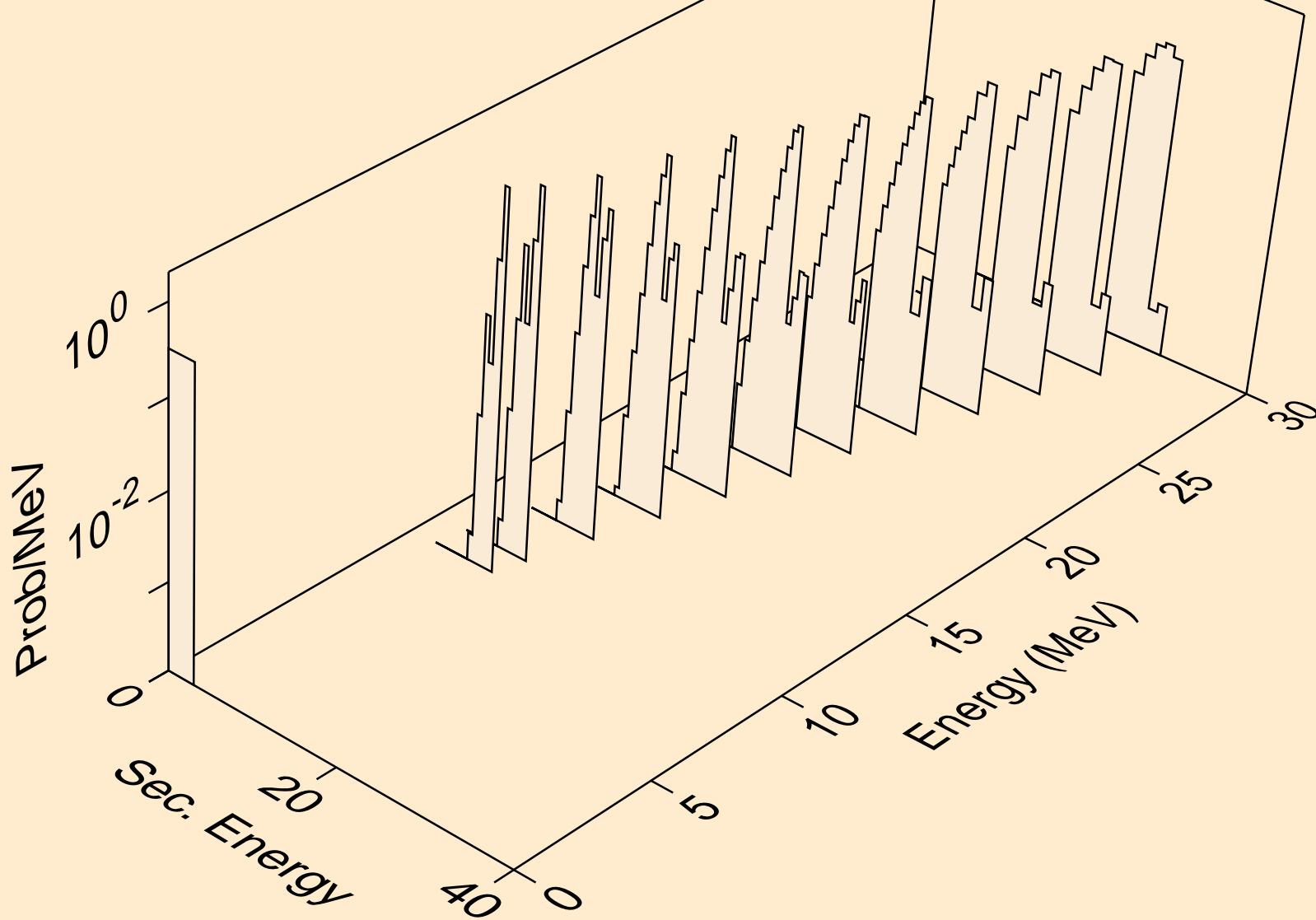
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he3s from (n,x)



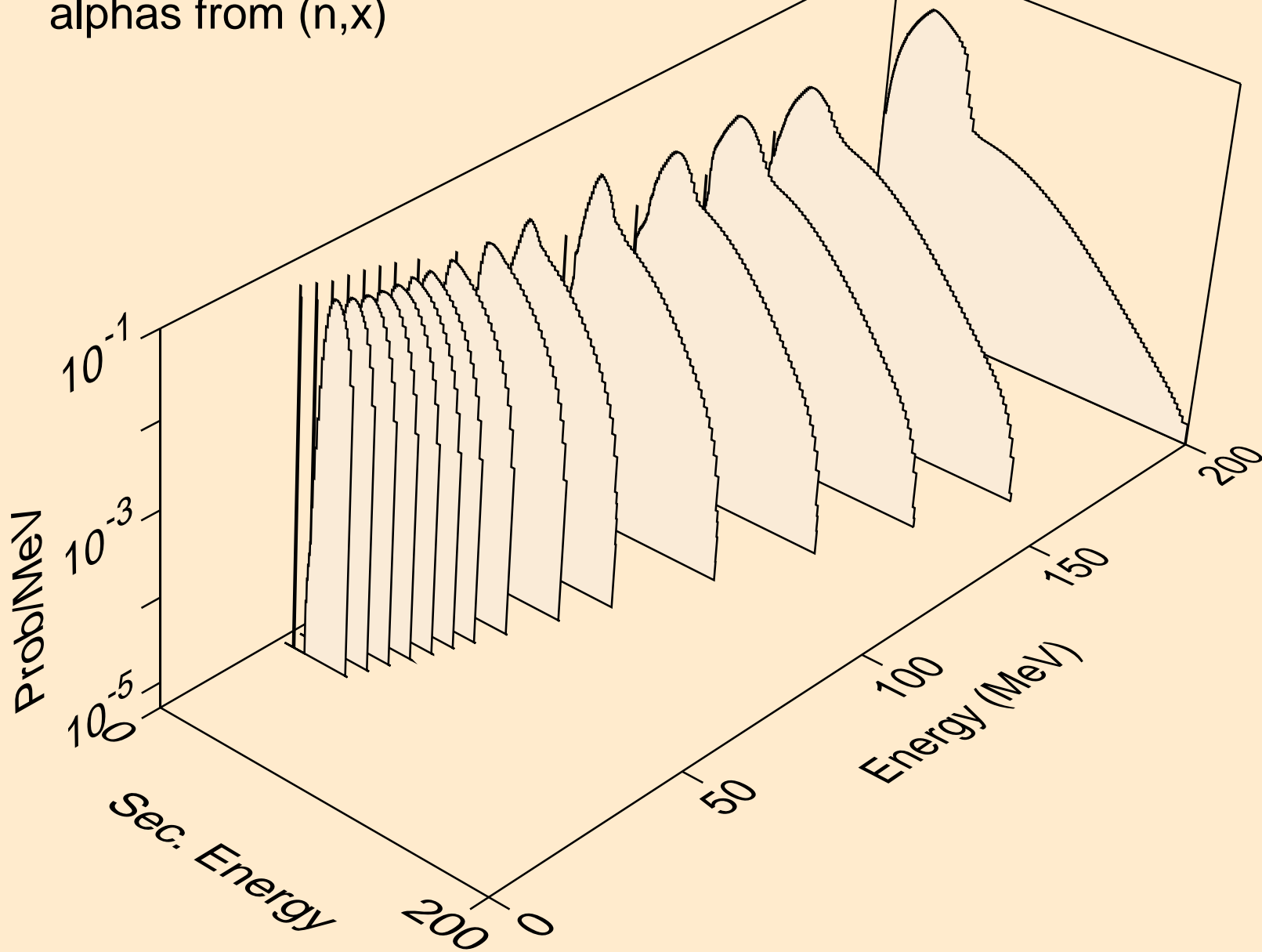
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he3s from (n,n*)he3



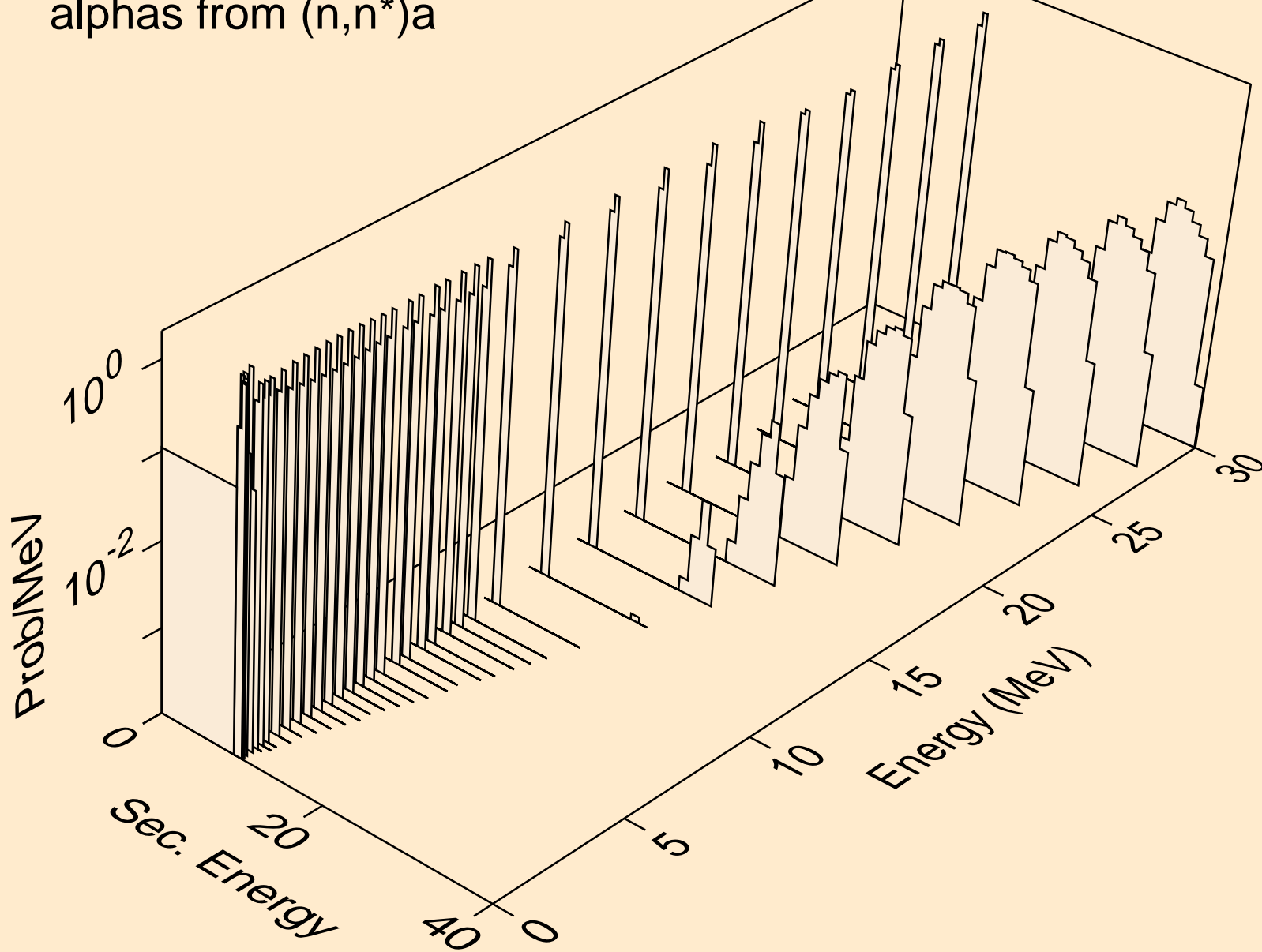
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he3s from (n,he3)



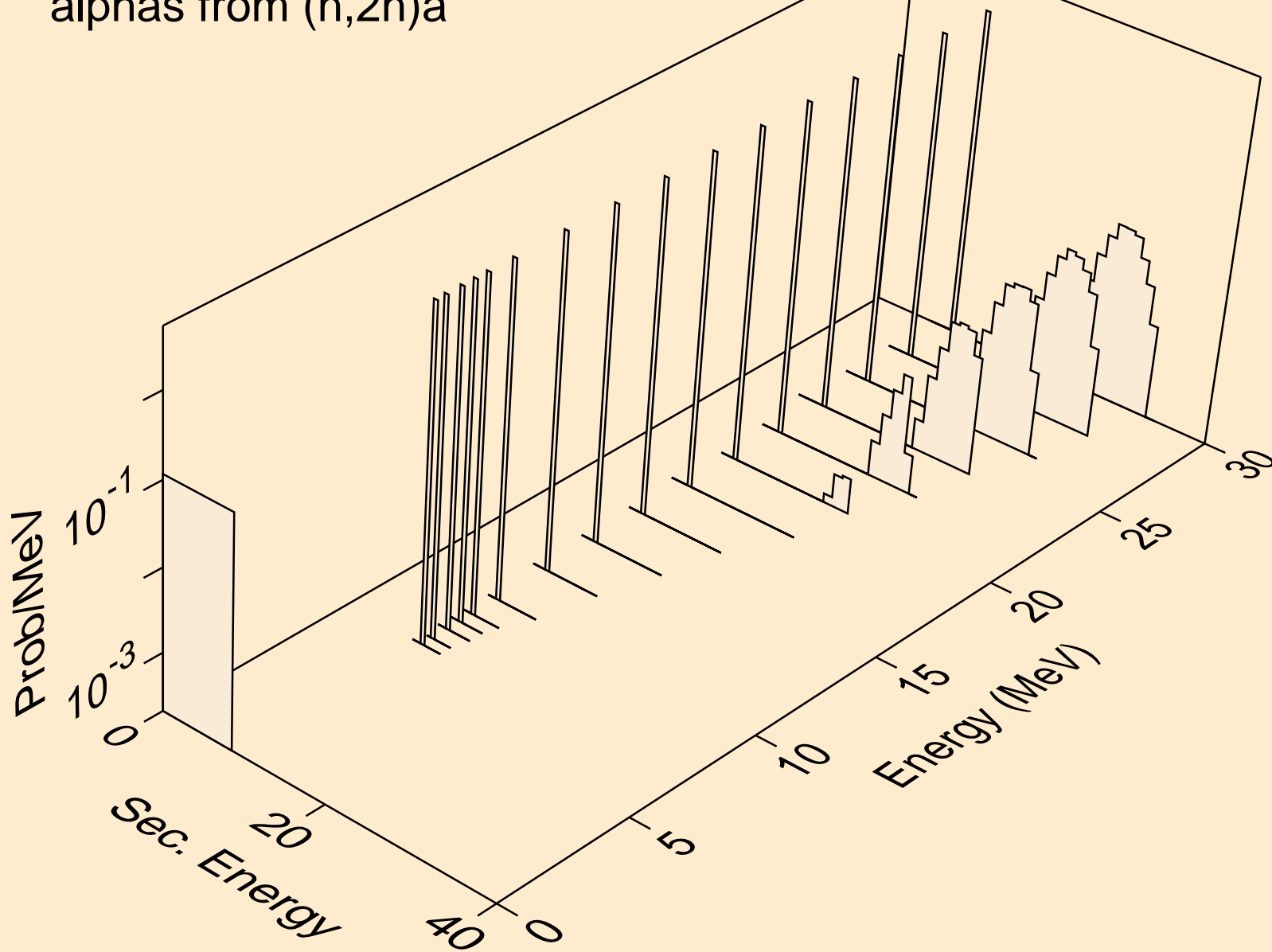
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alphas from (n,x)



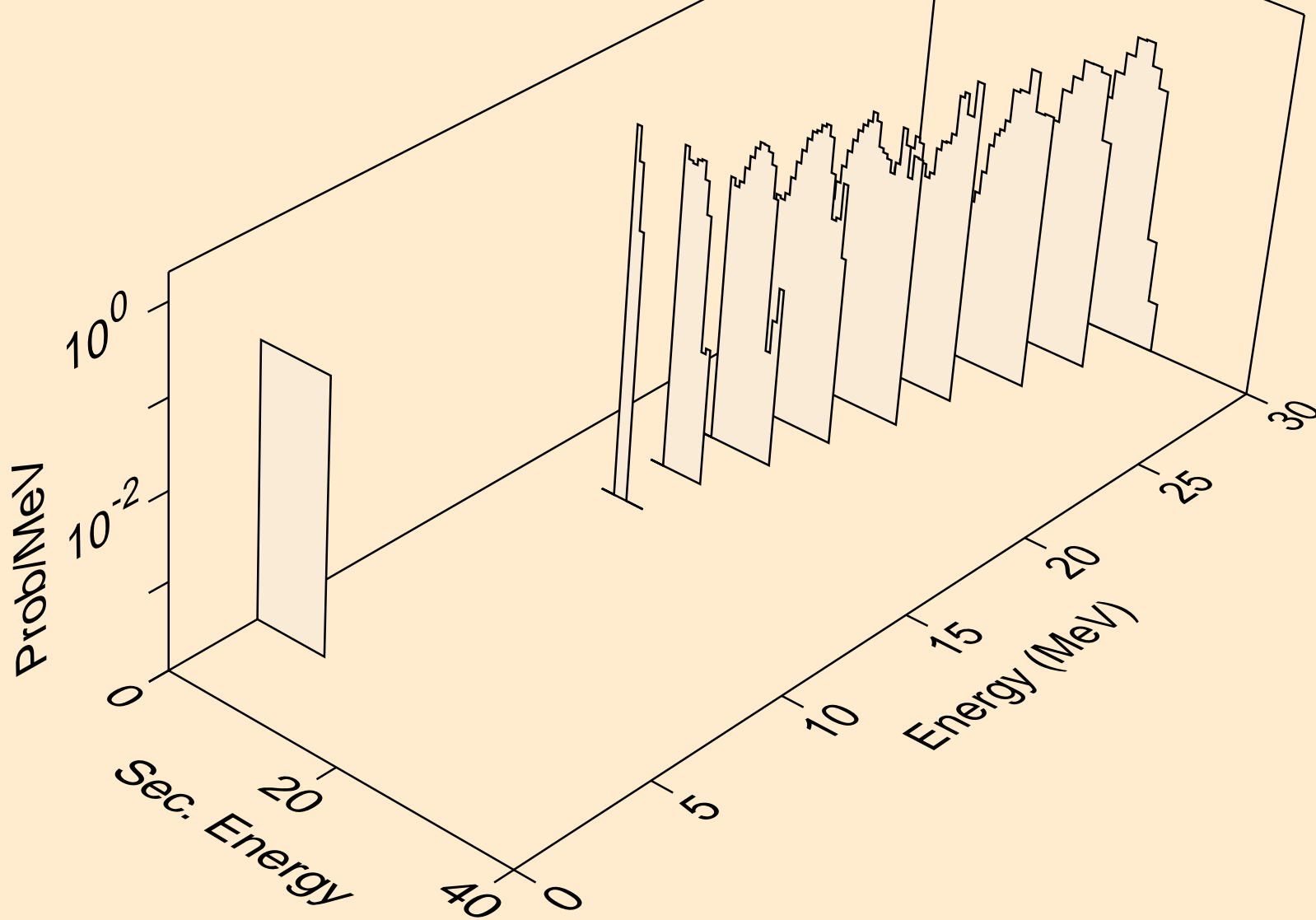
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



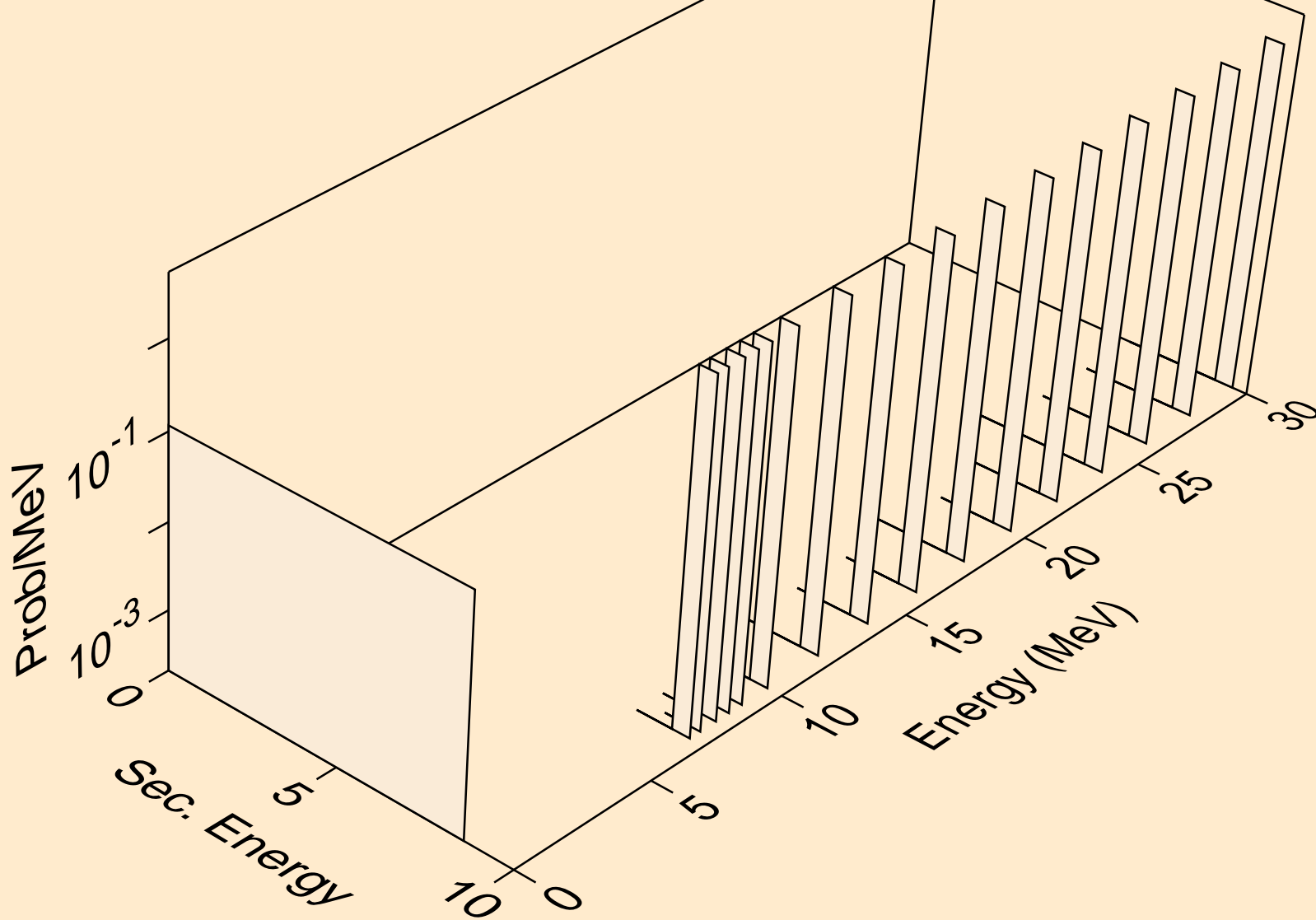
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



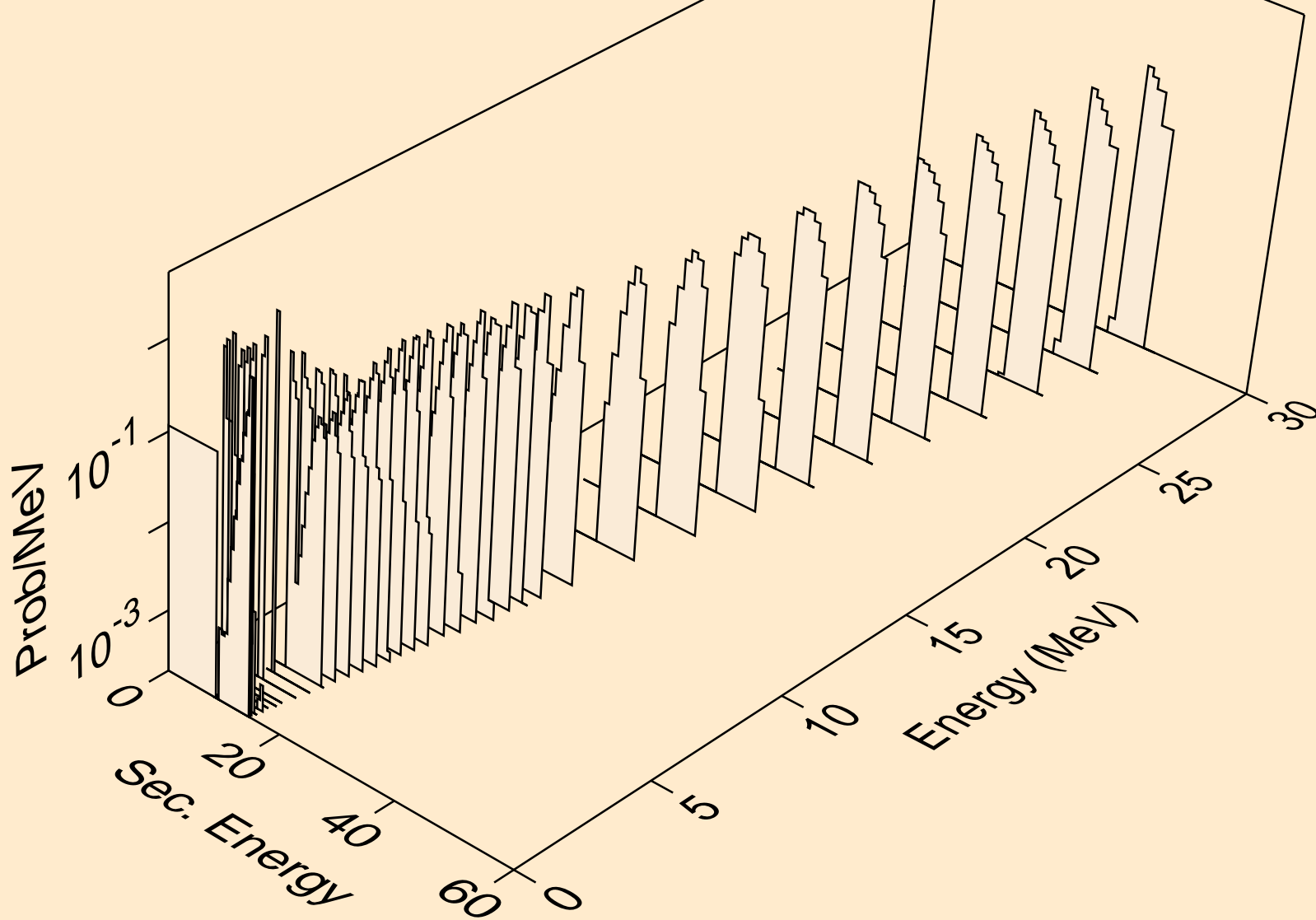
HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



HS272 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

