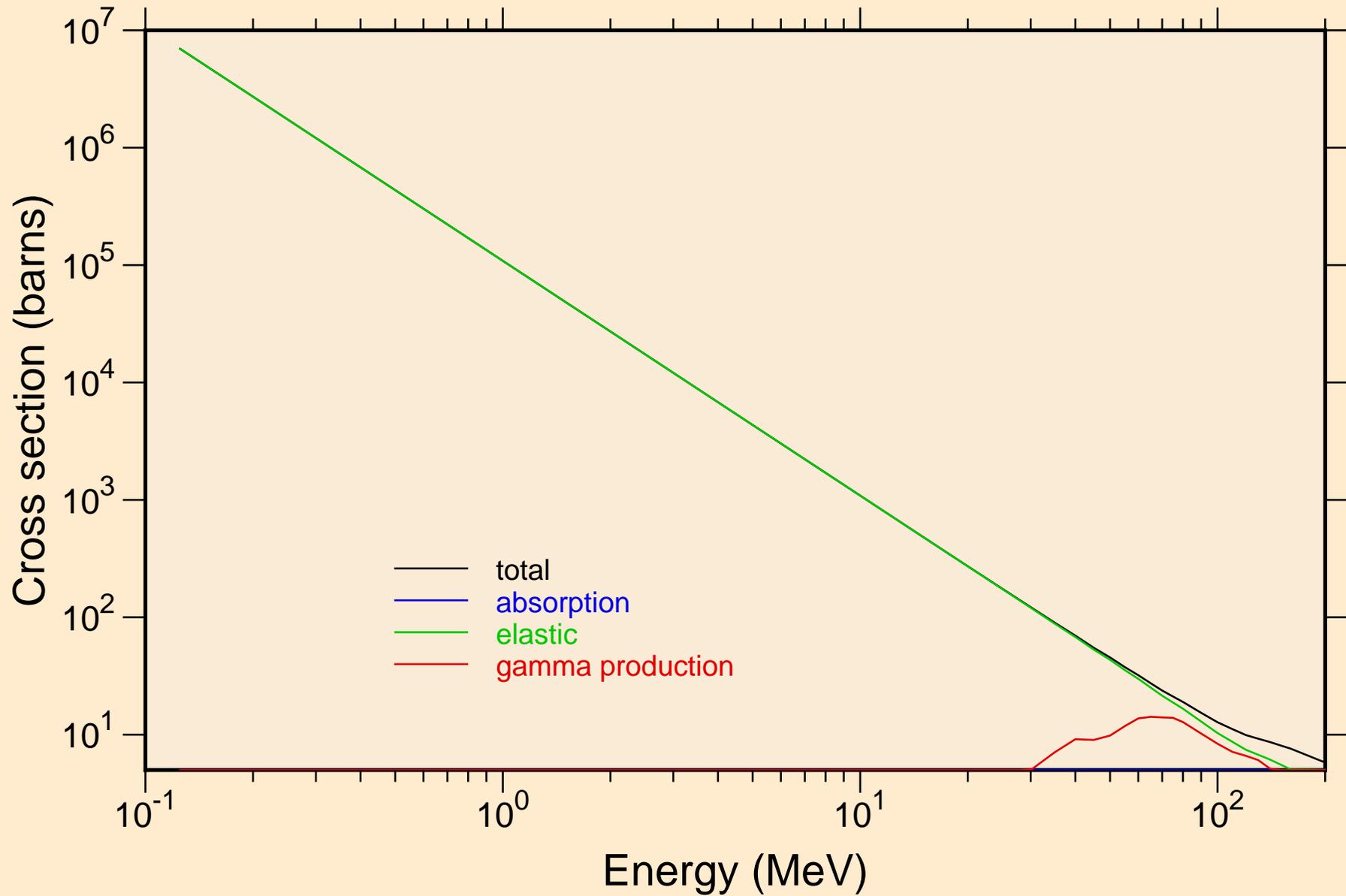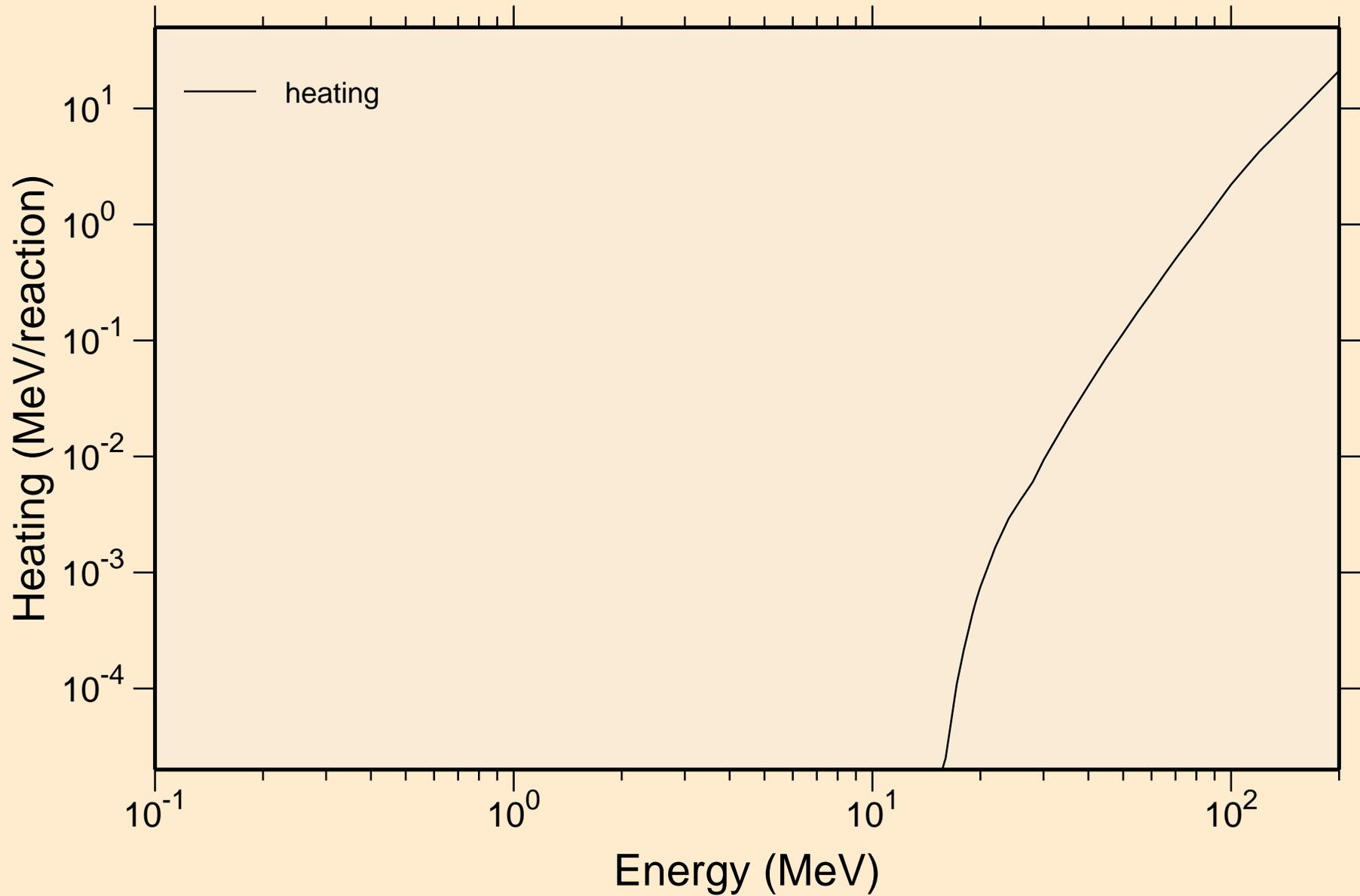TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections
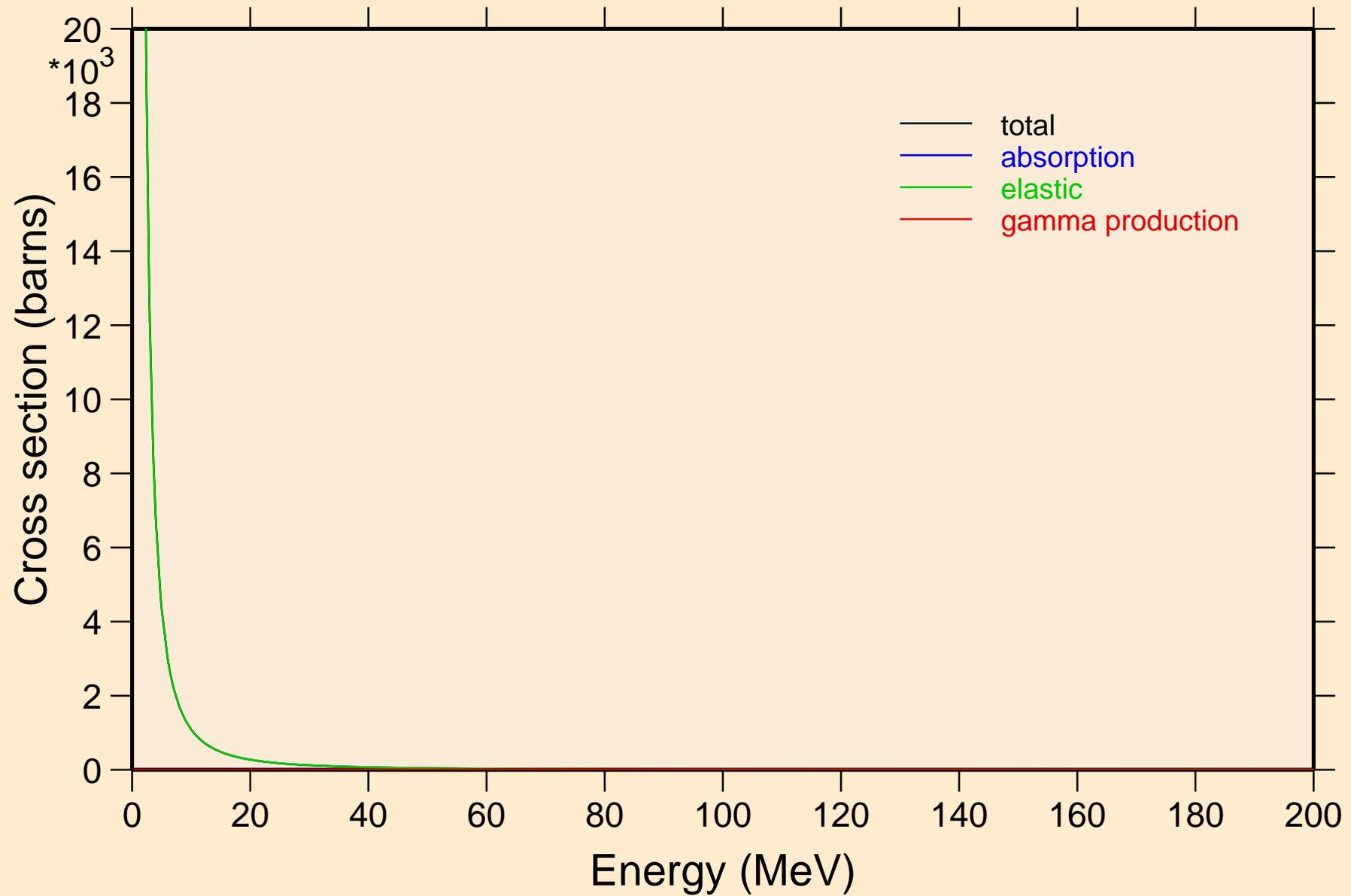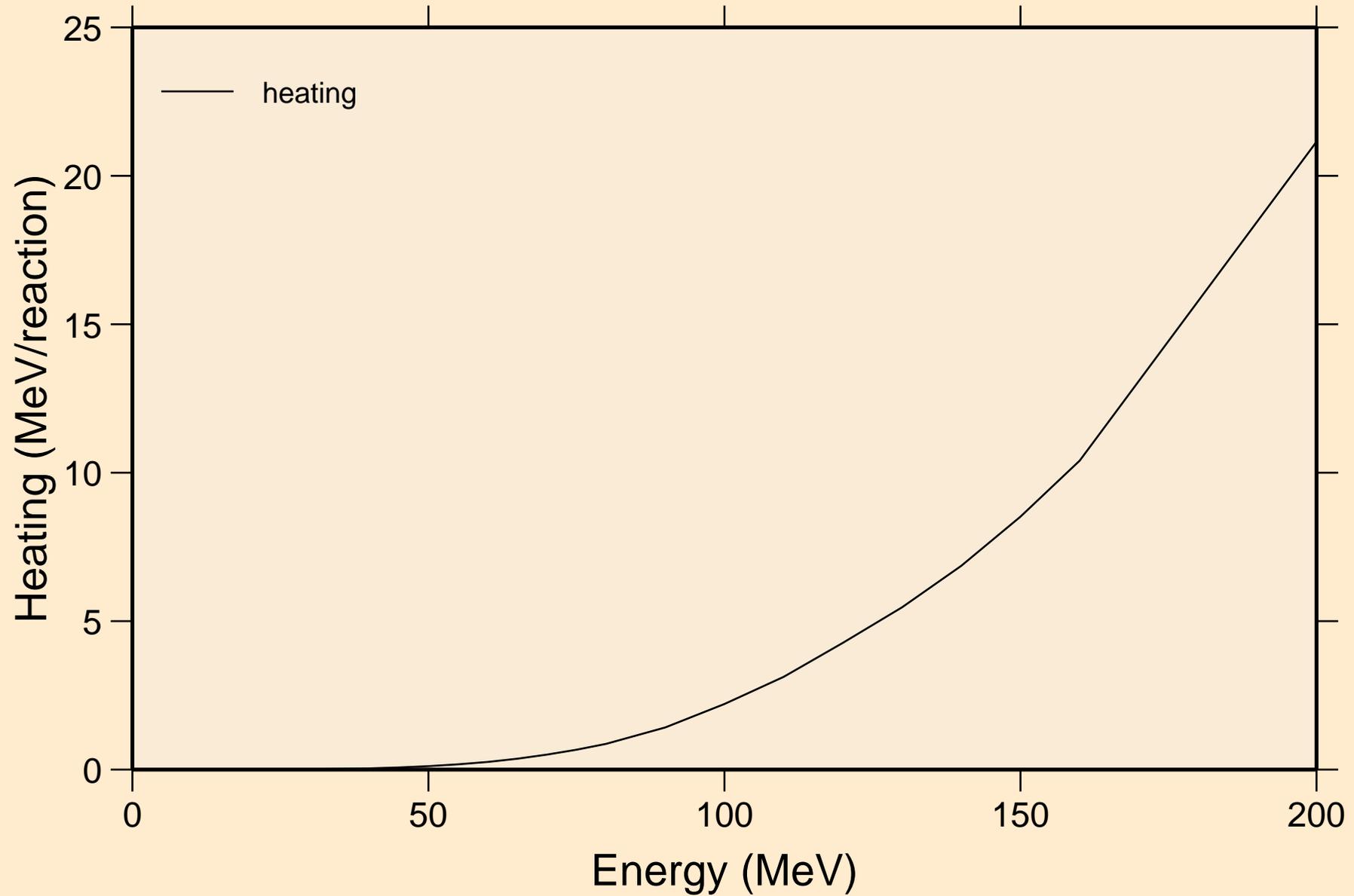
TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Heating

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
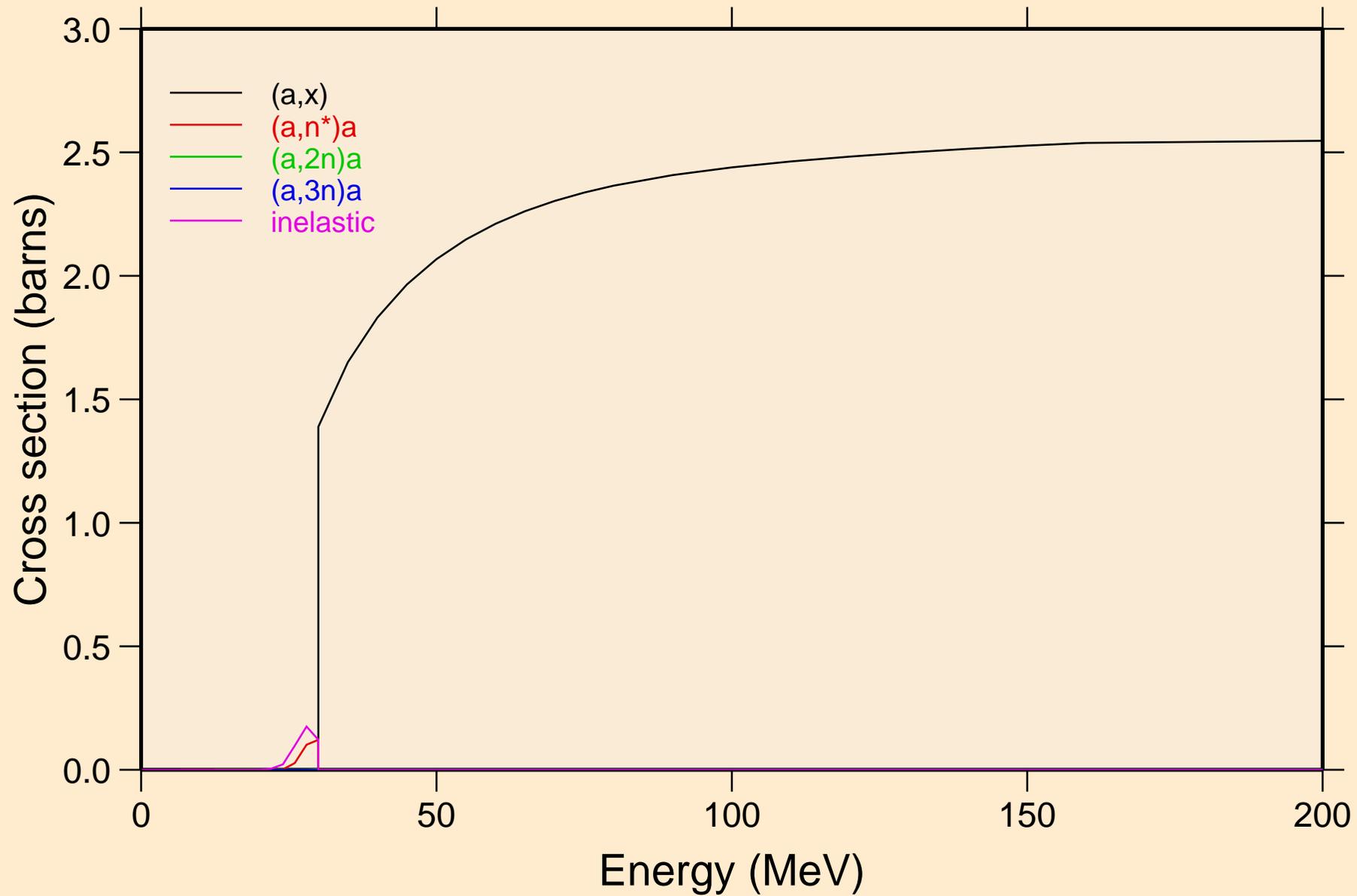Principal cross sections

- total
- absorption
- elastic
- gamma production

Cross section (barns)

Energy (MeV)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
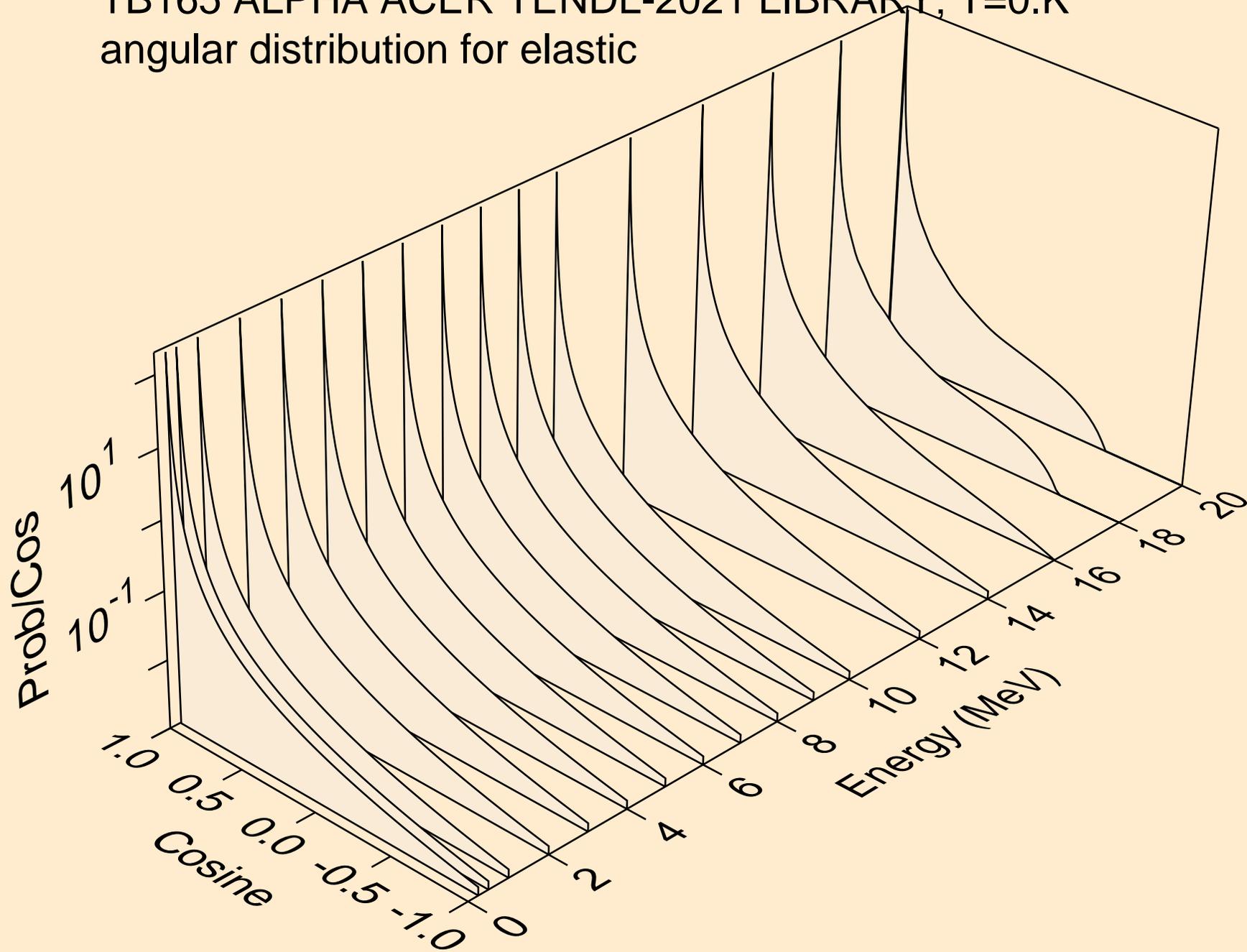Heating

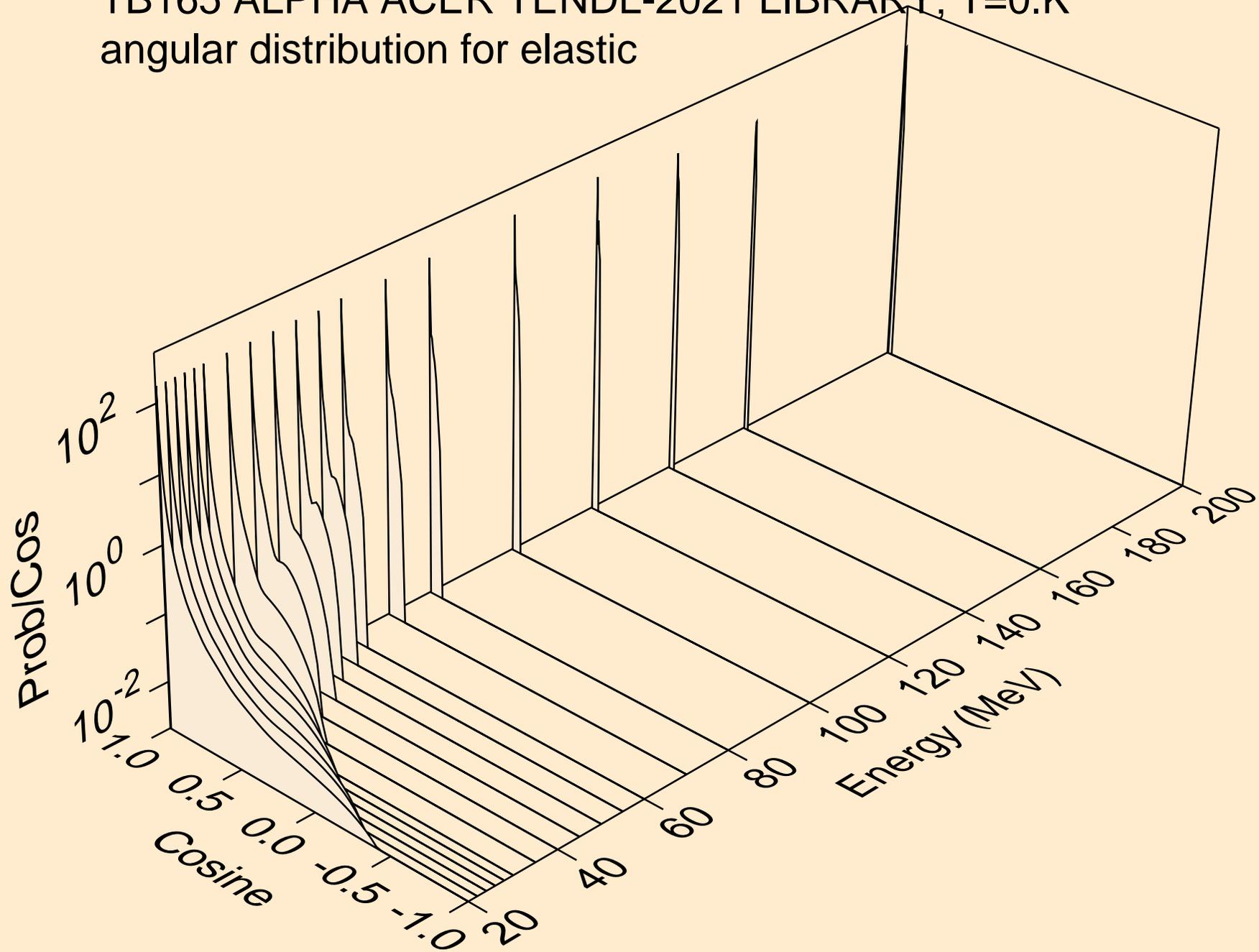Heating (MeV/reaction)

— heating

Energy (MeV)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
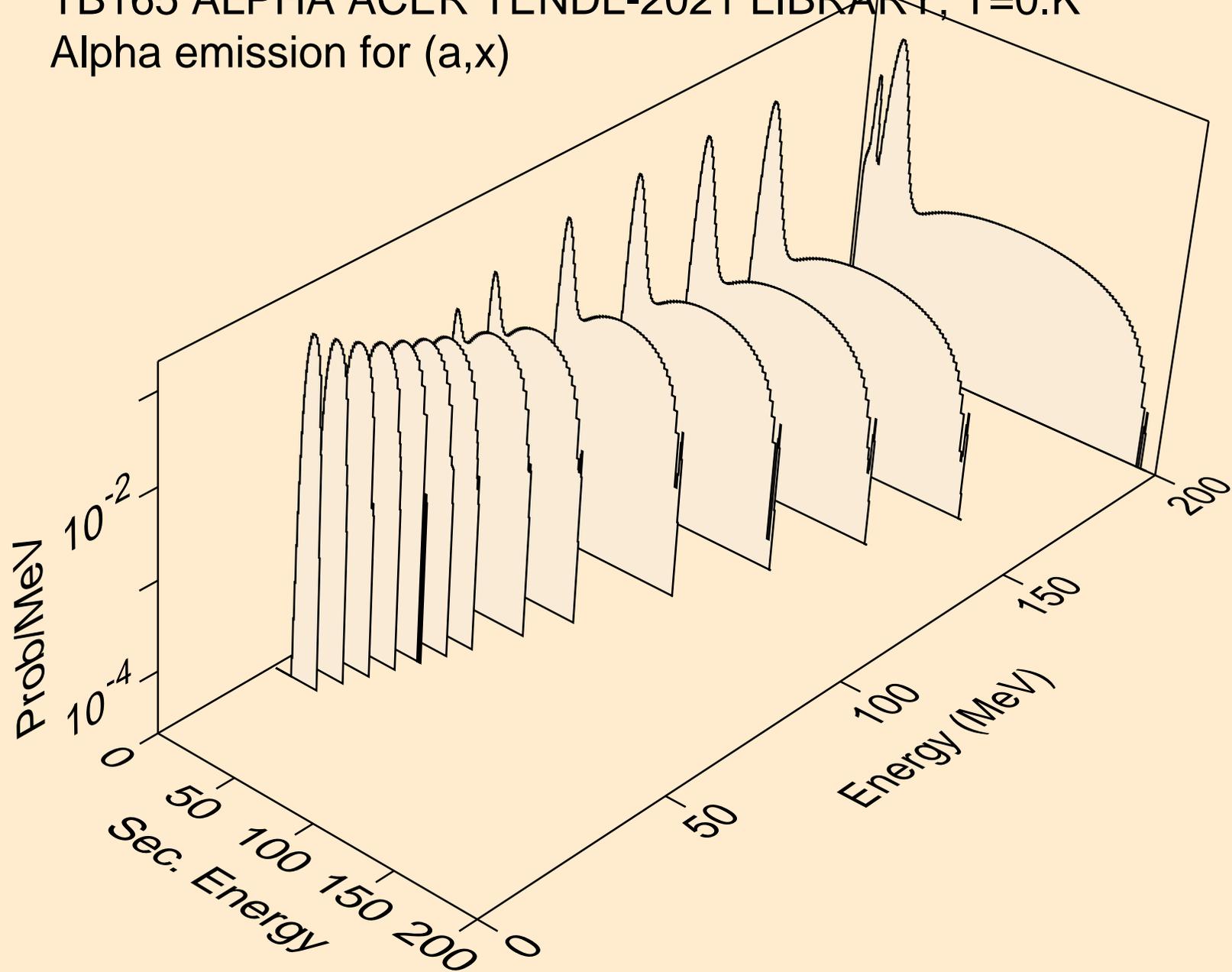Threshold reactions

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
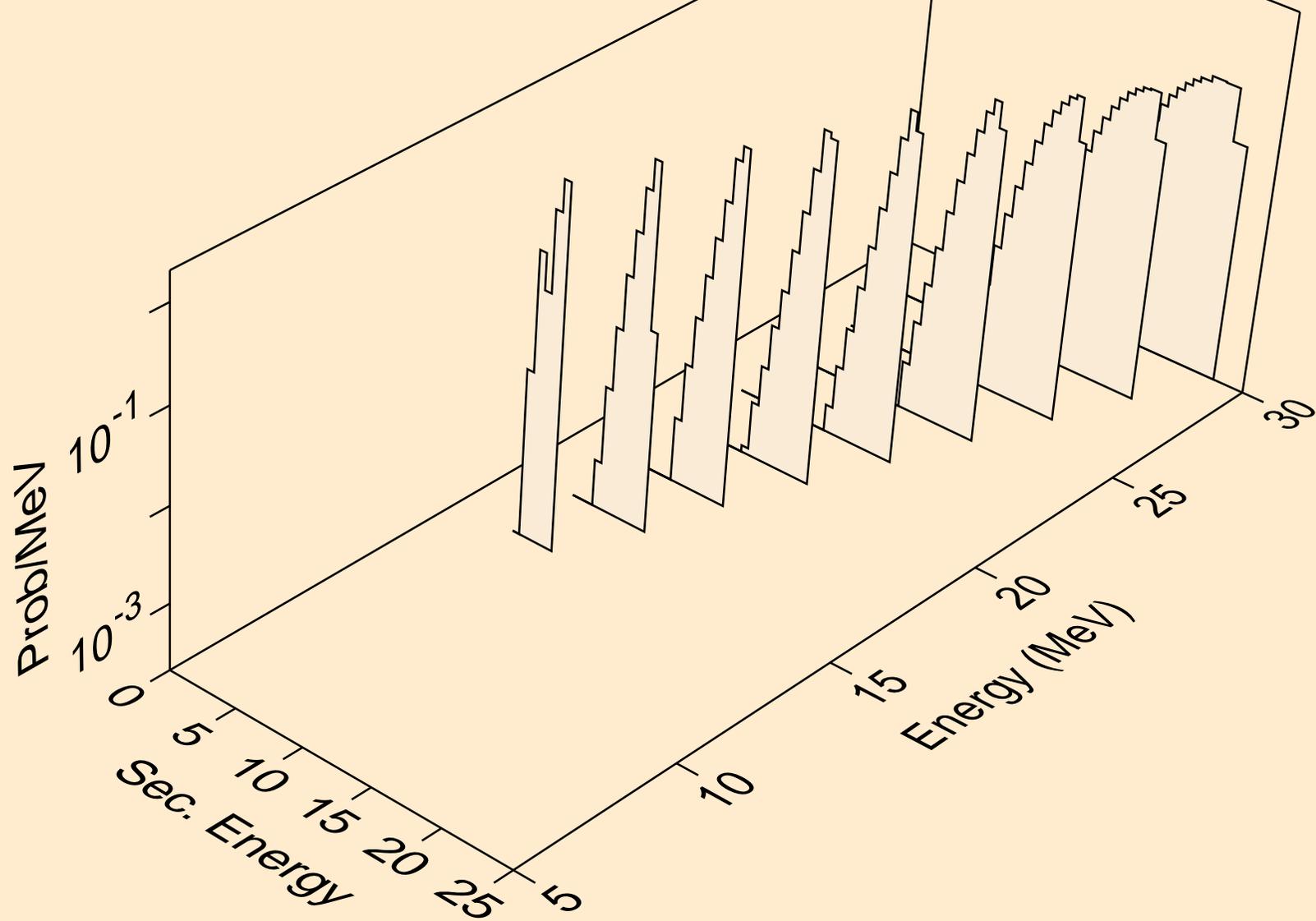angular distribution for elastic

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
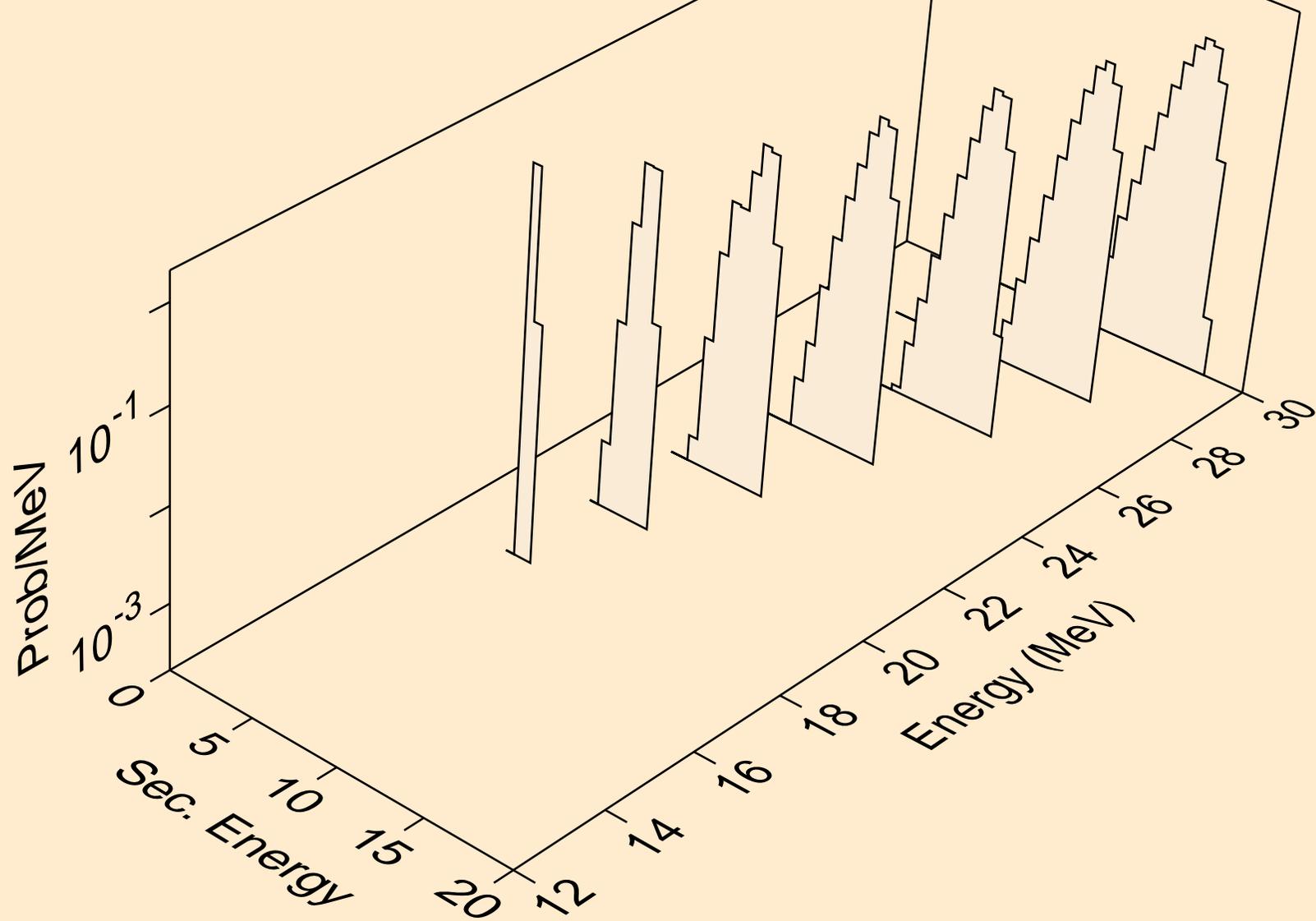angular distribution for elastic

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
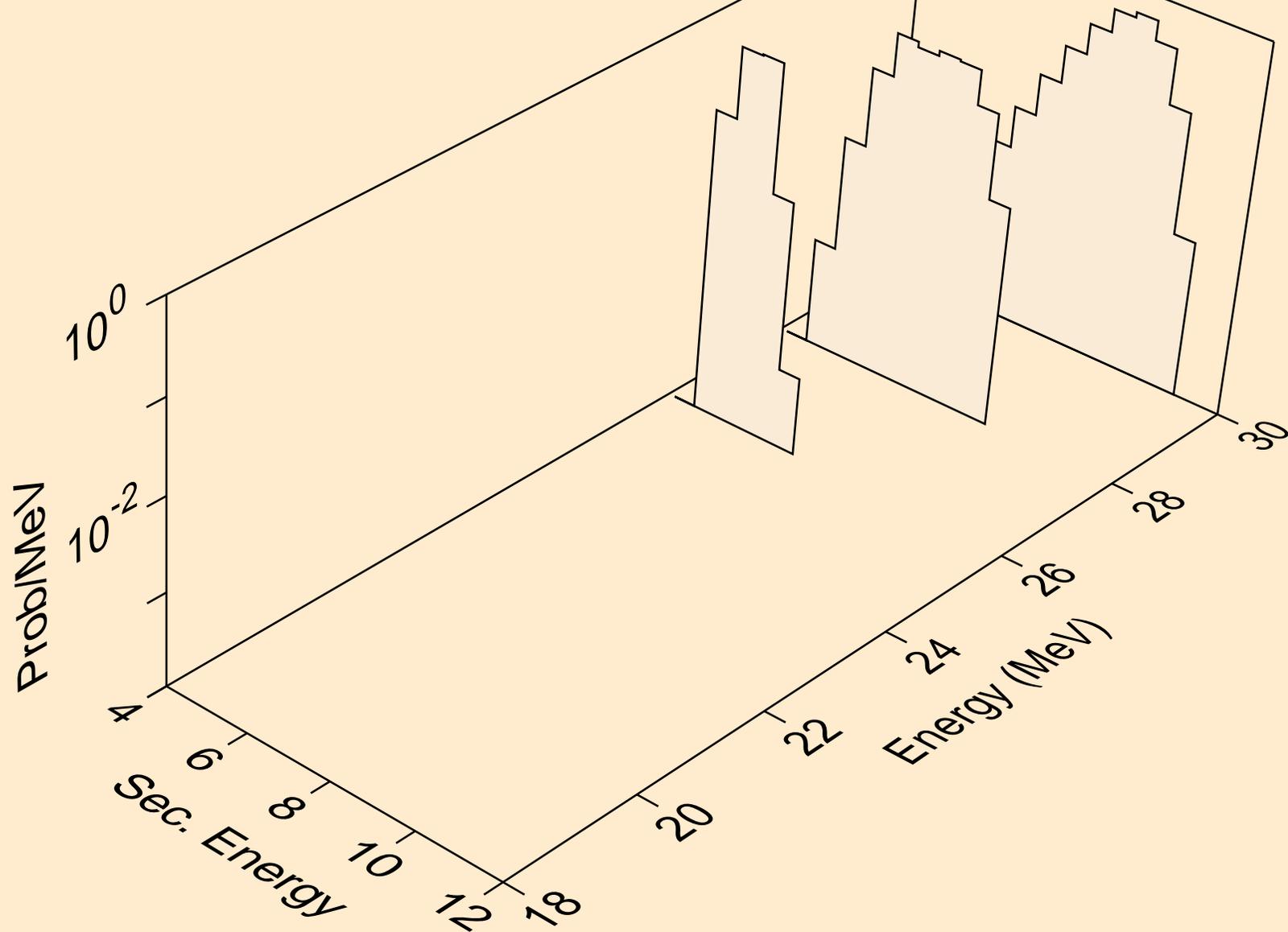Alpha emission for (a,x)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
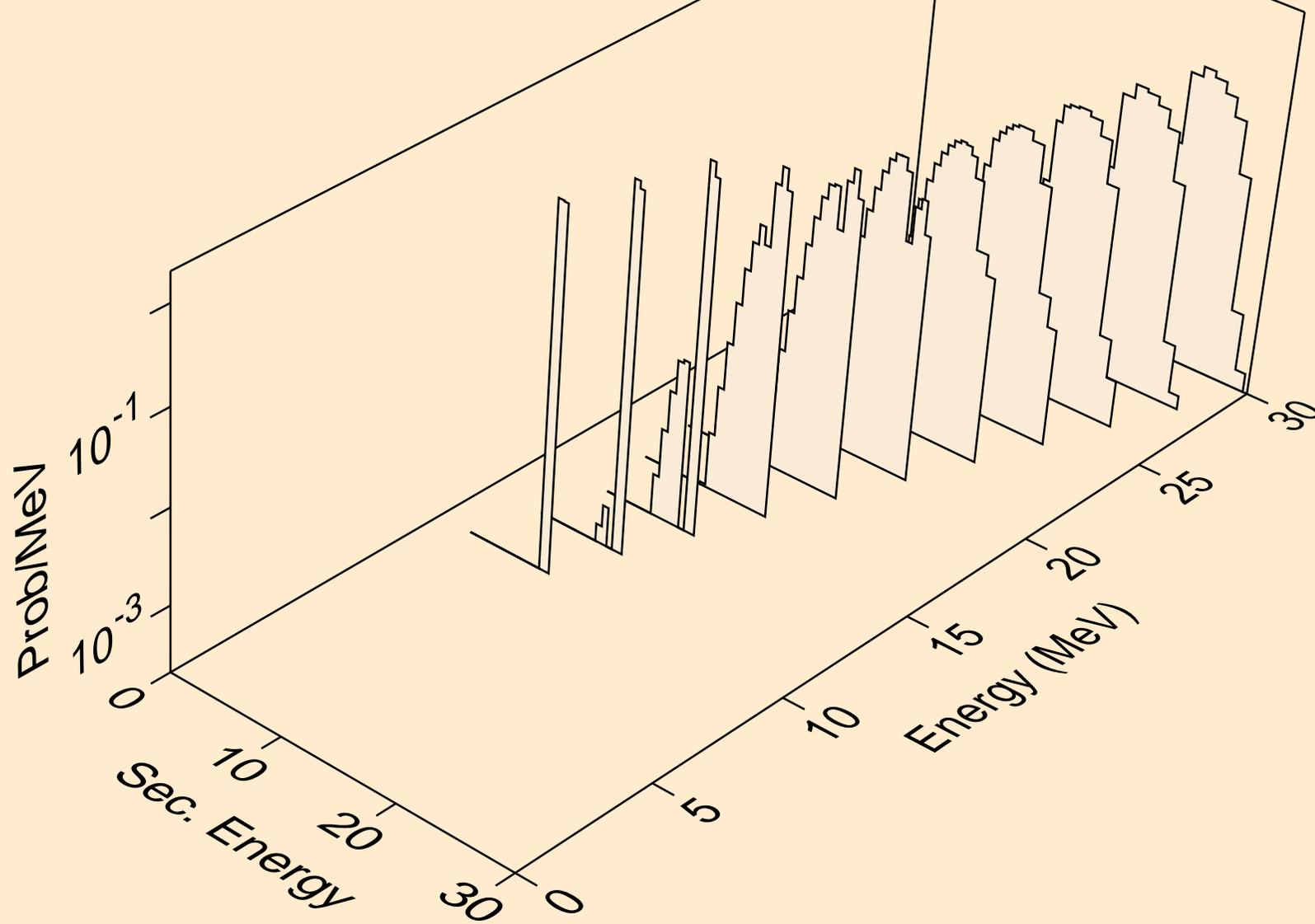Alpha emission for (a,n*)a

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
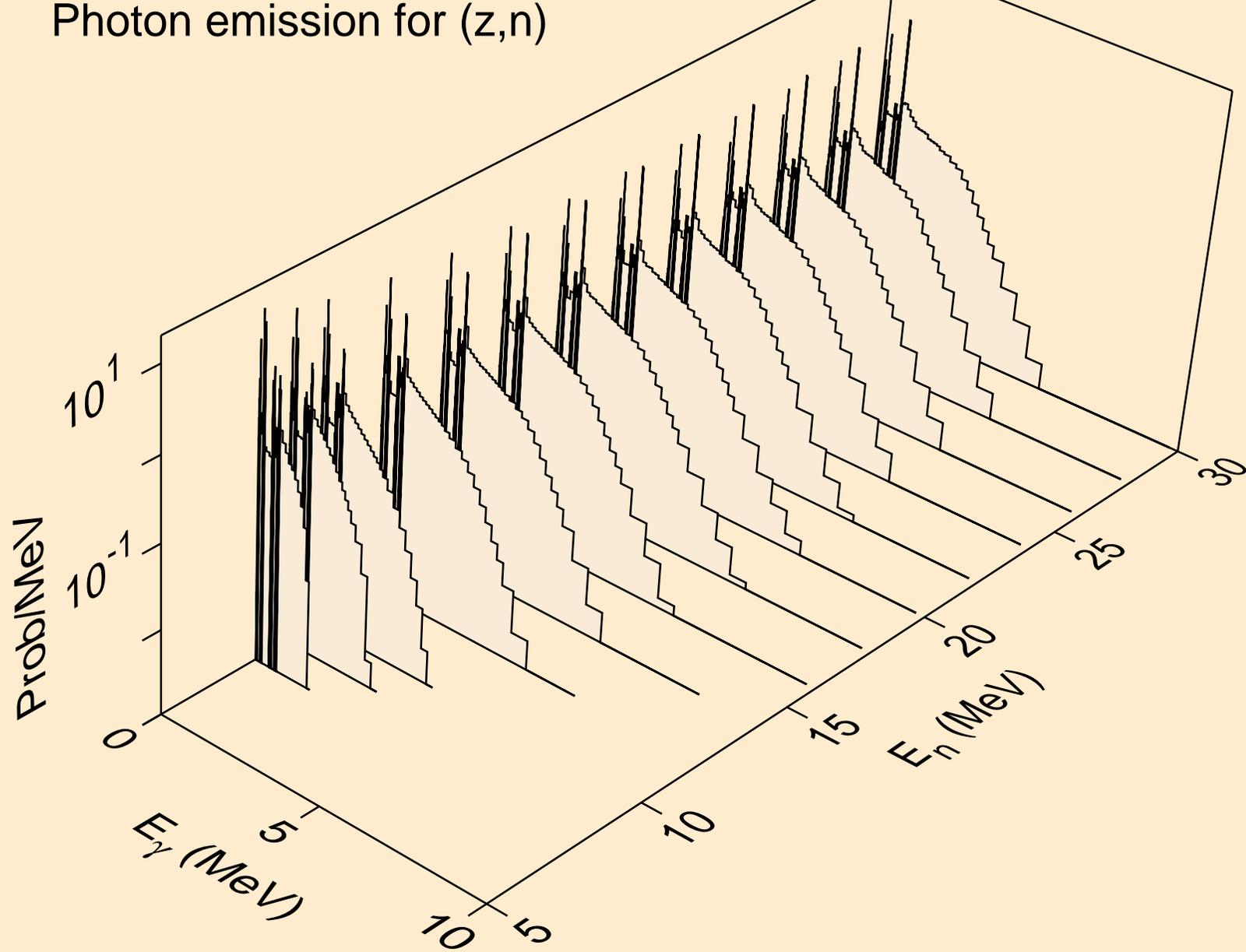Alpha emission for (a,2n)a

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
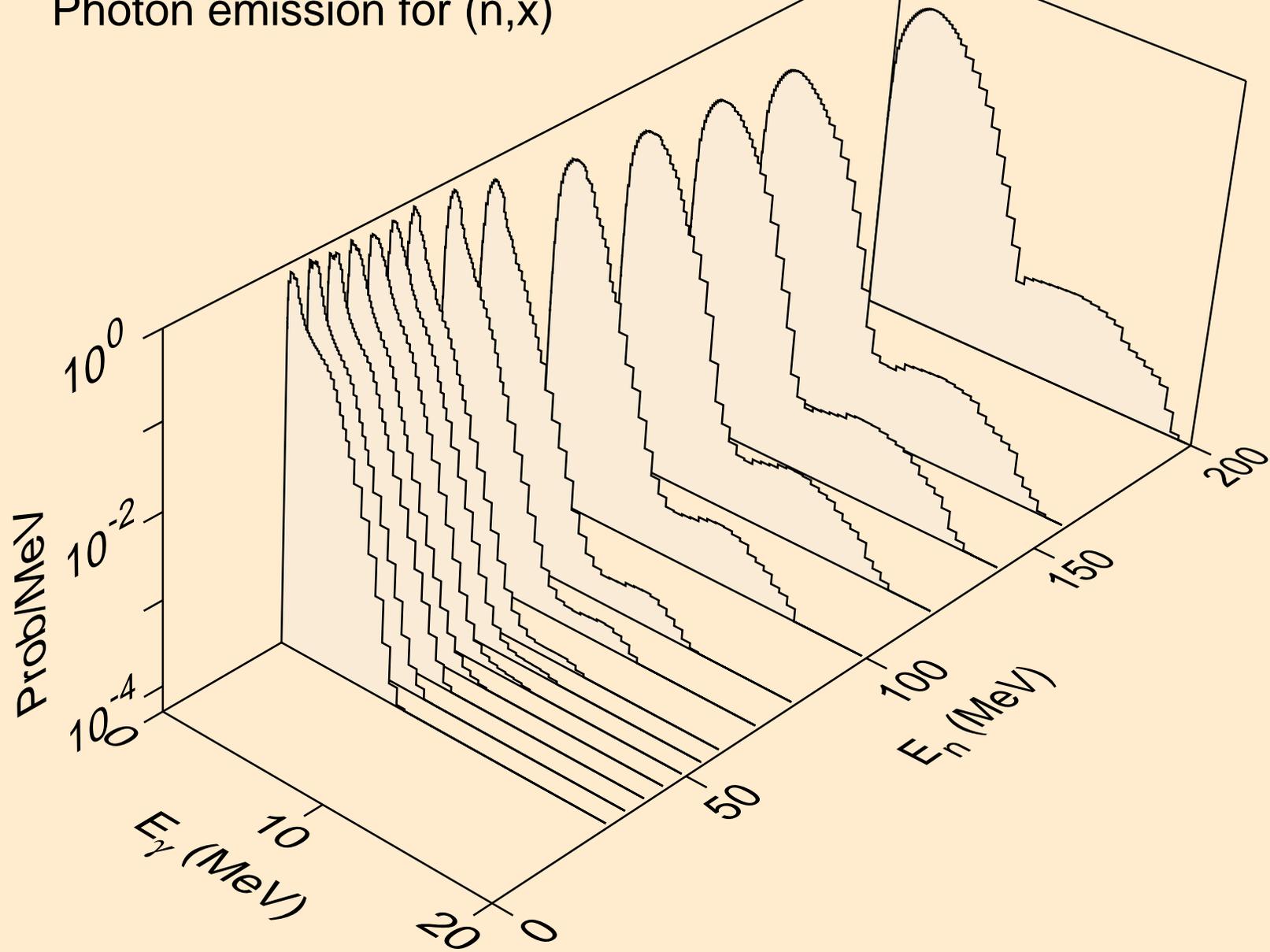Alpha emission for (a,3n)a

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
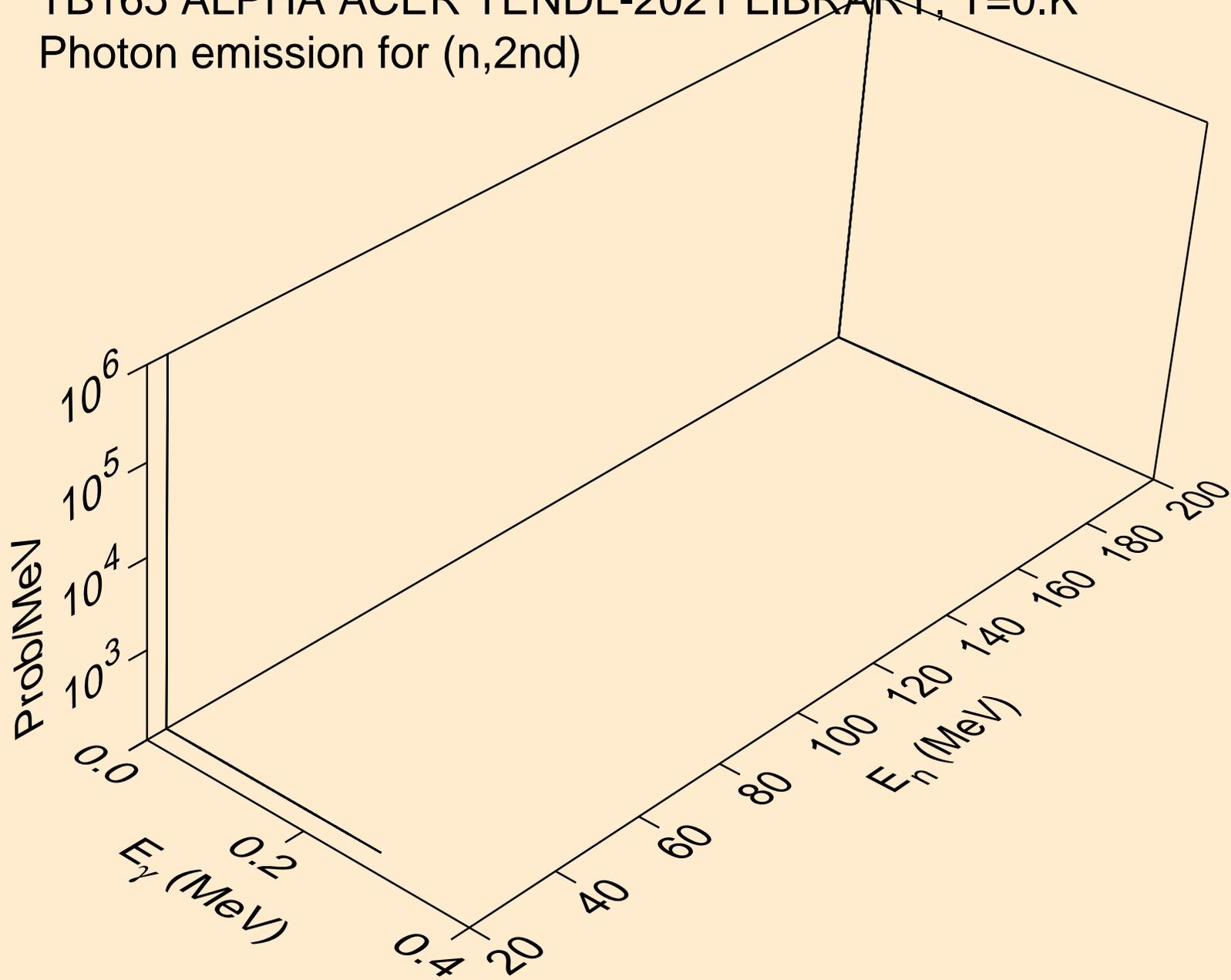Alpha emission for inelastic

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
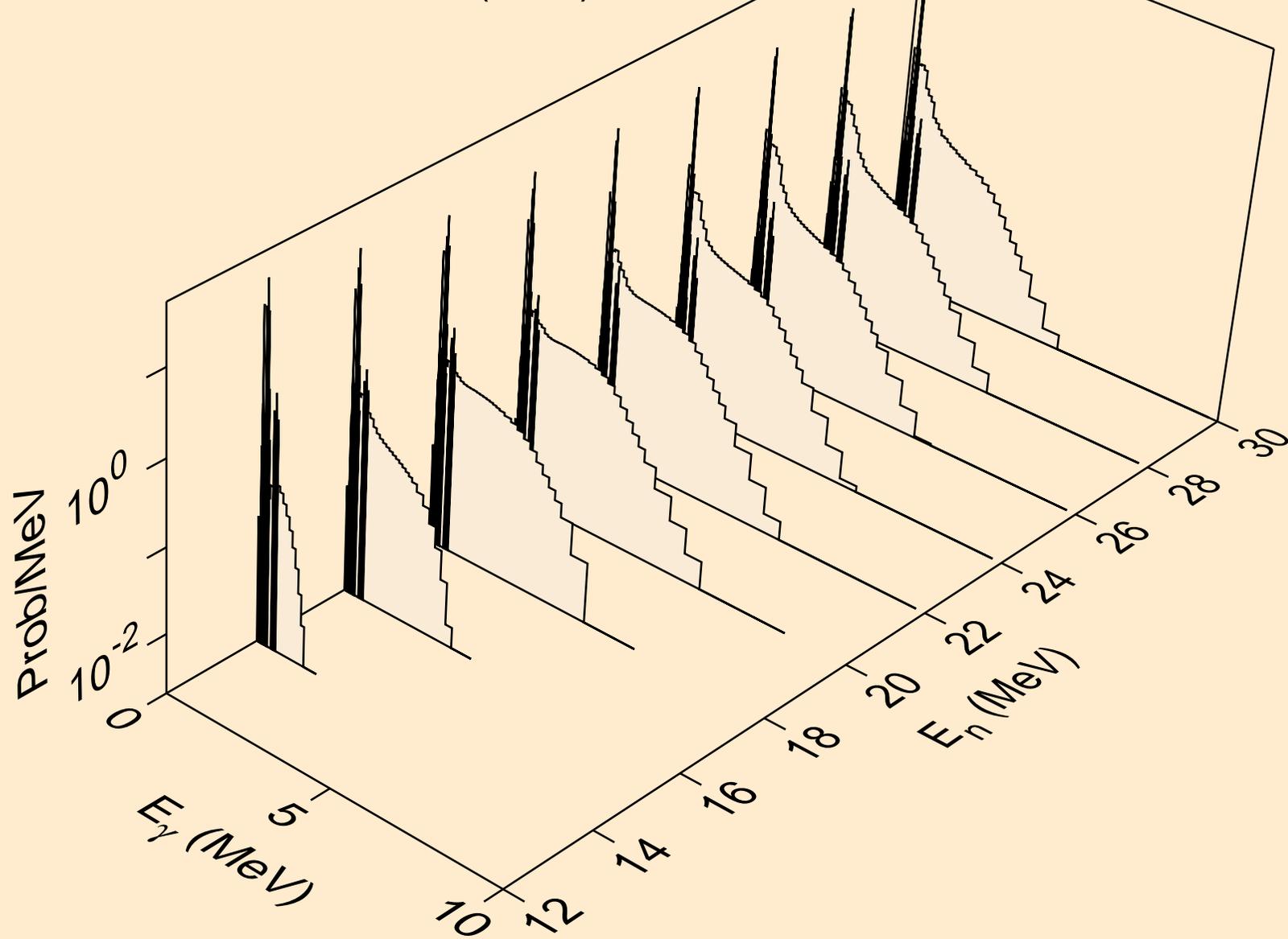Photon emission for (z,n)

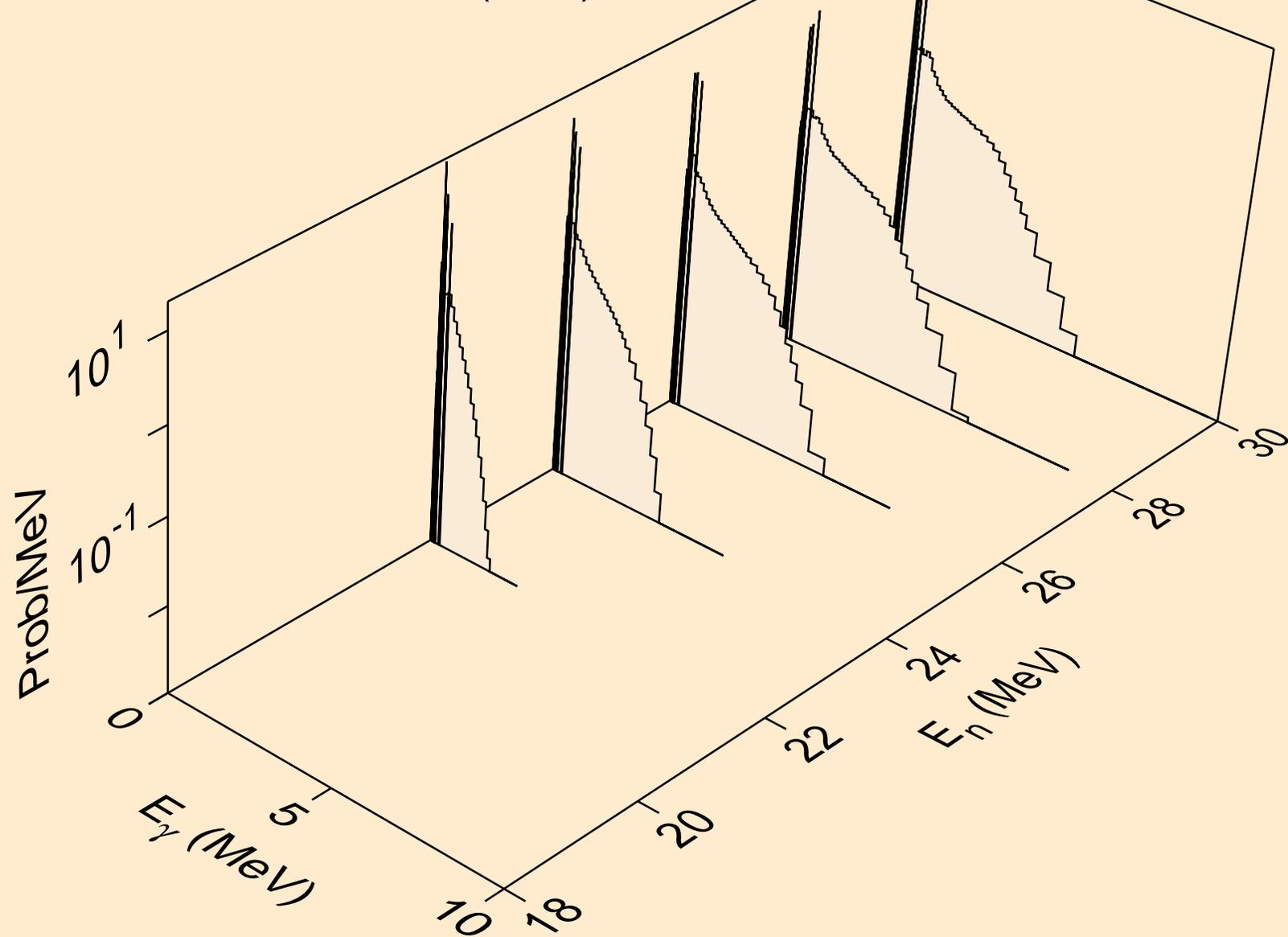TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)

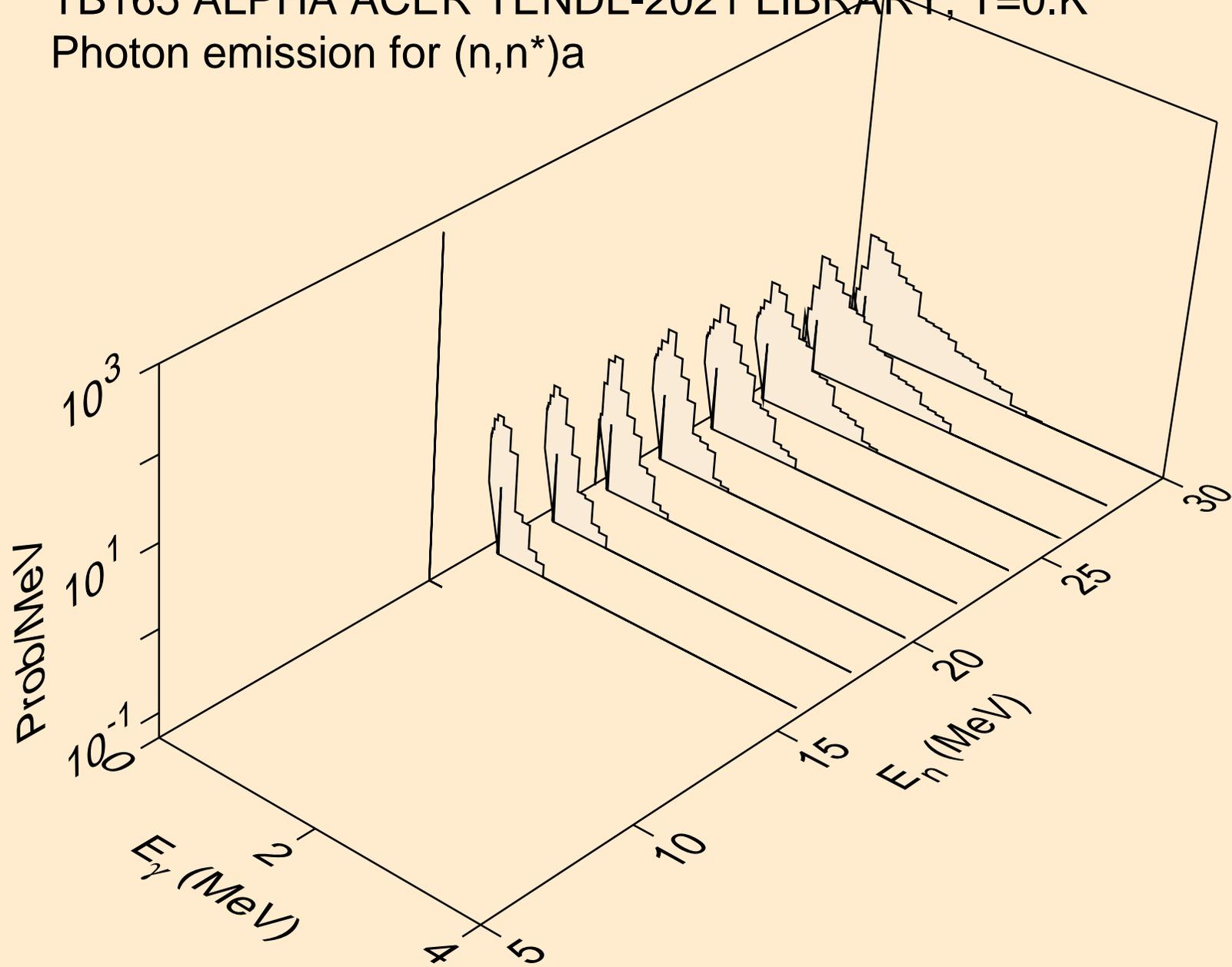TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)

ProbMeV

E_γ (MeV)

E_n (MeV)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a

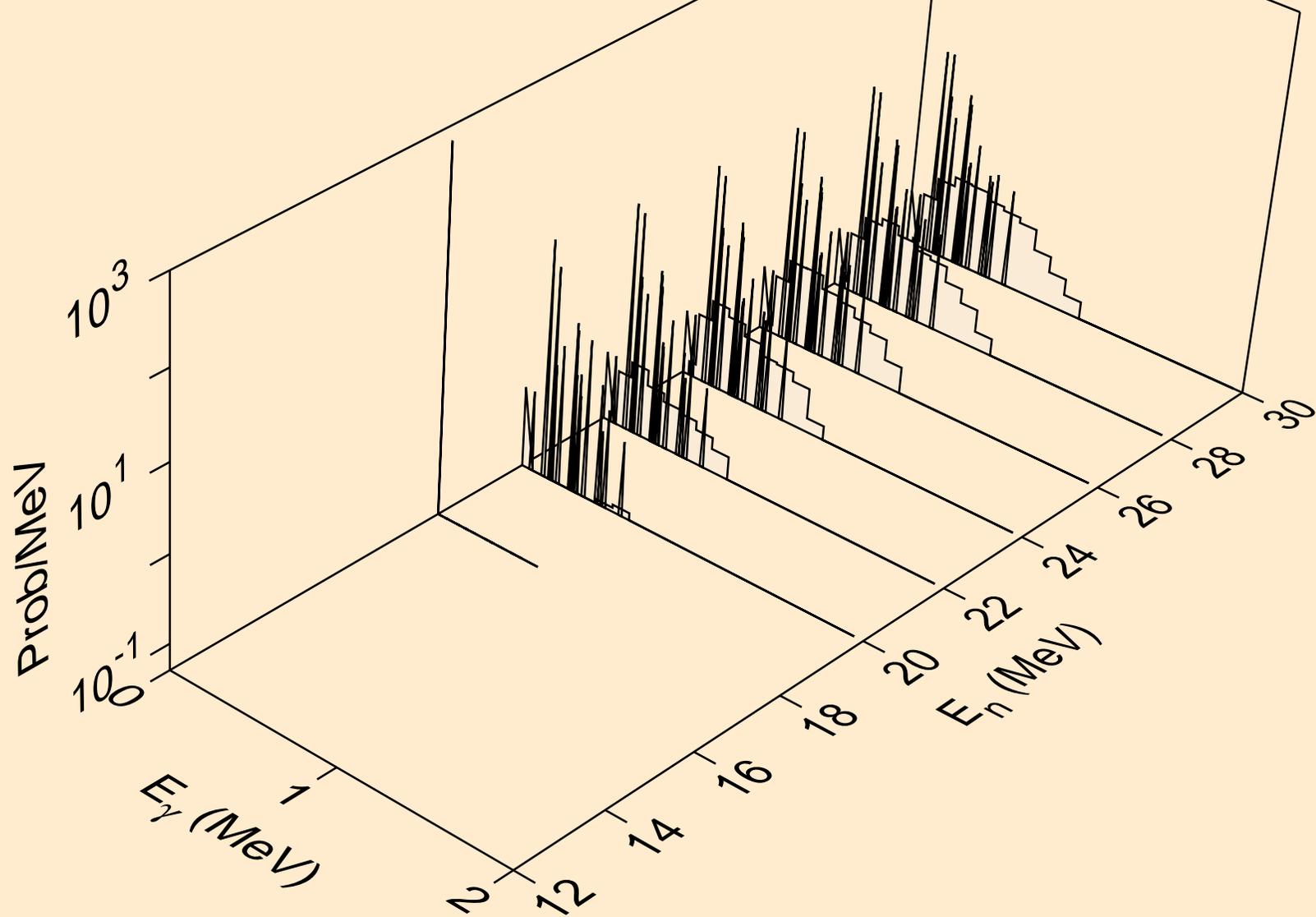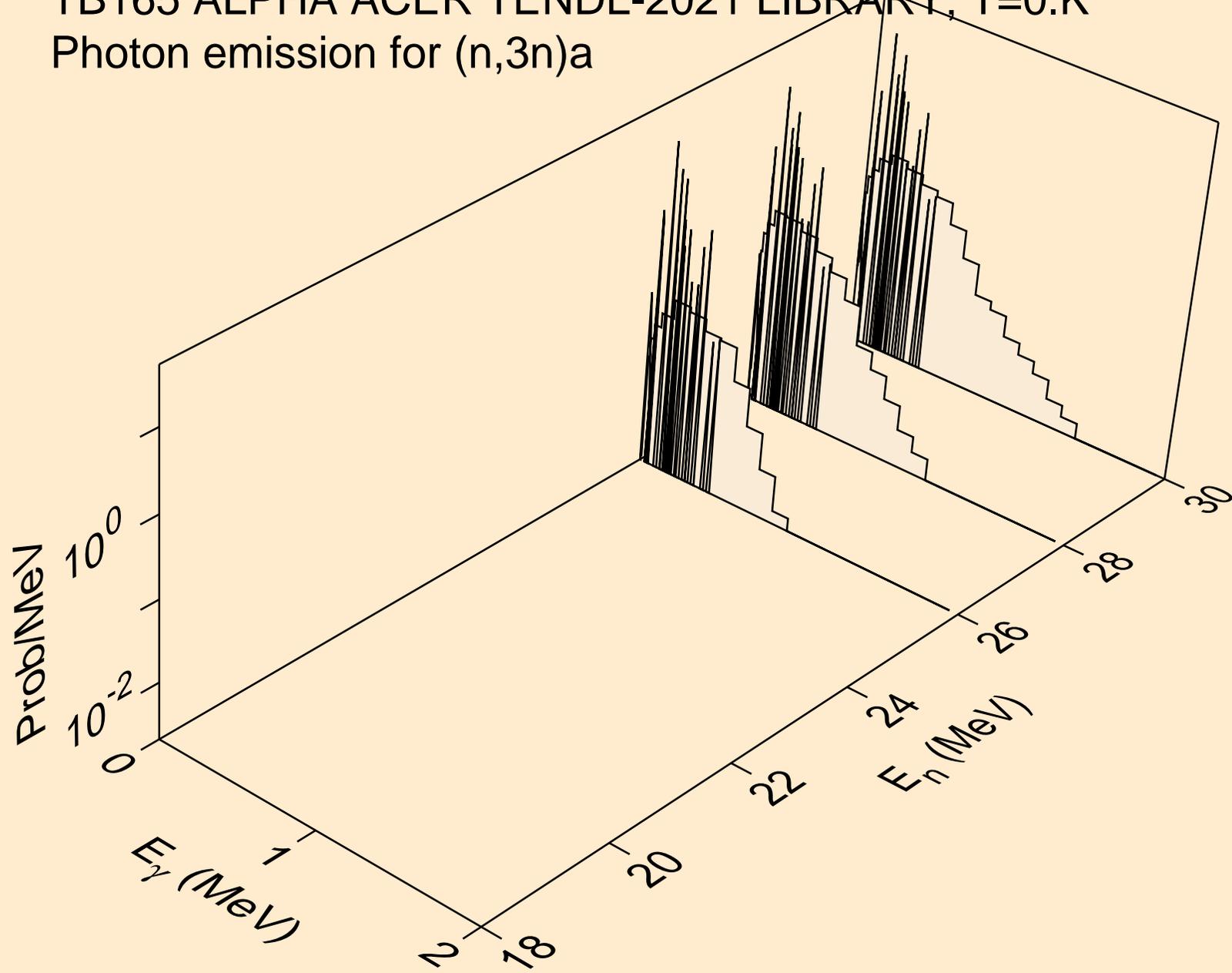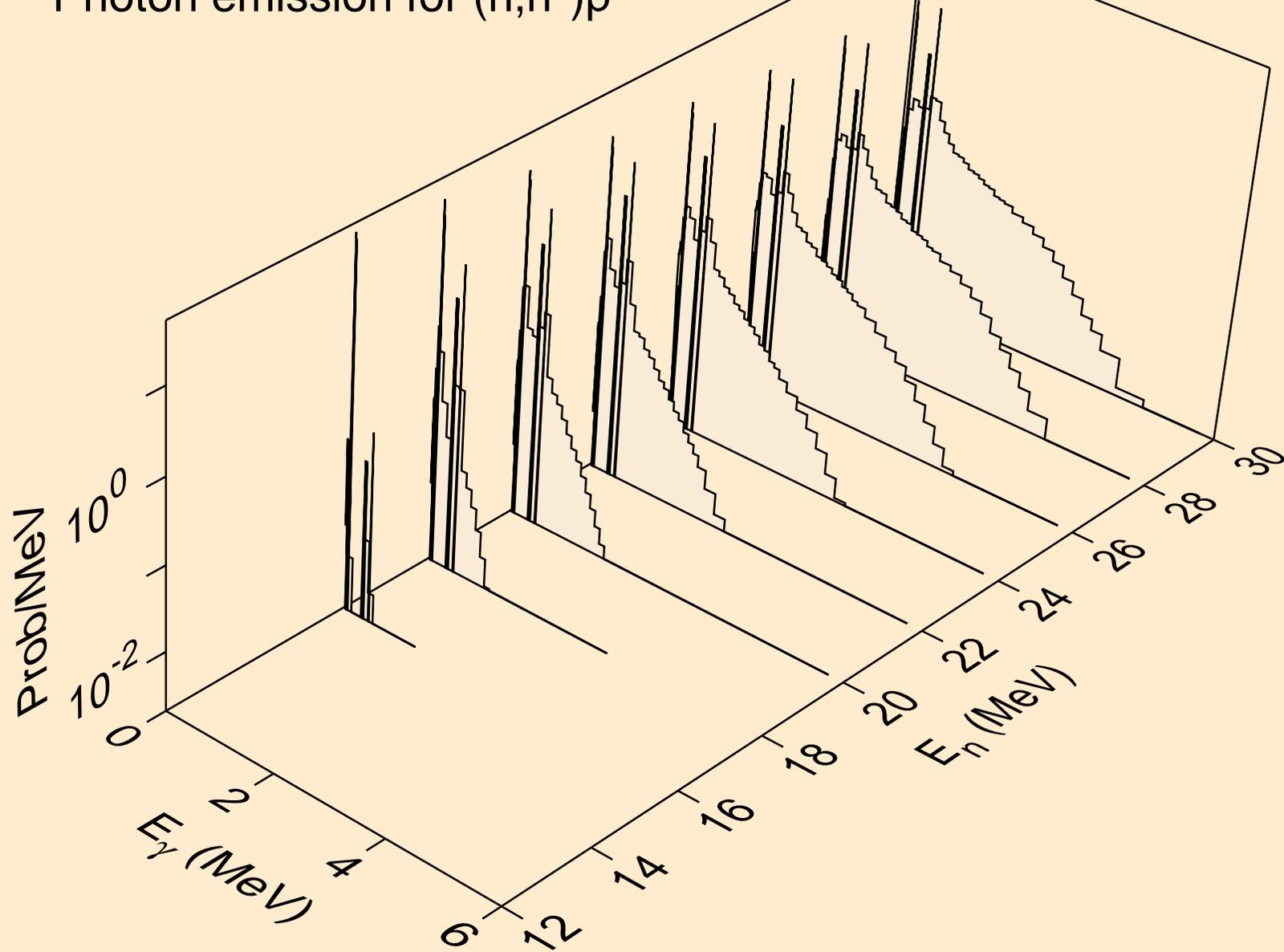TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
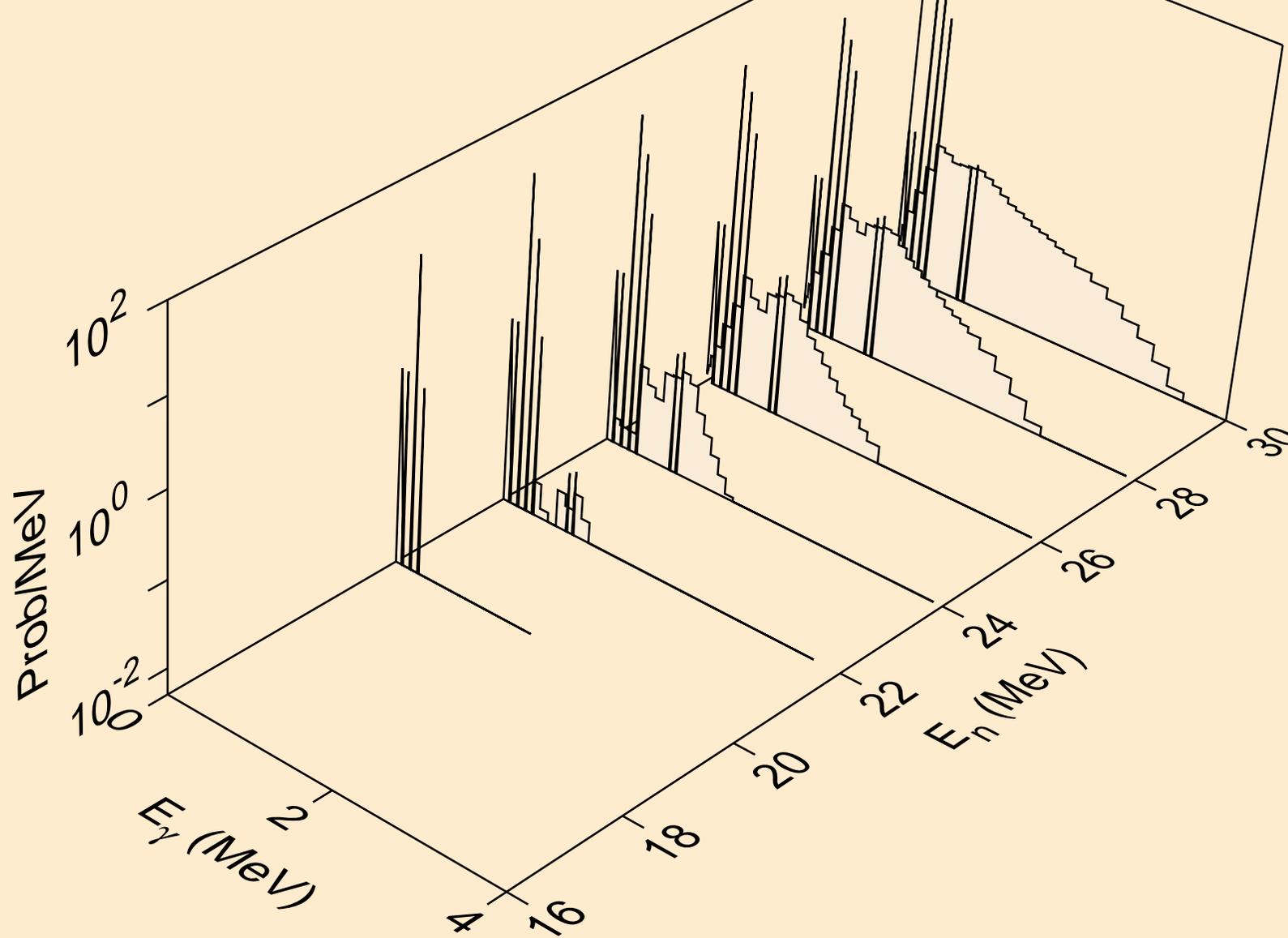Photon emission for (n,2n)a

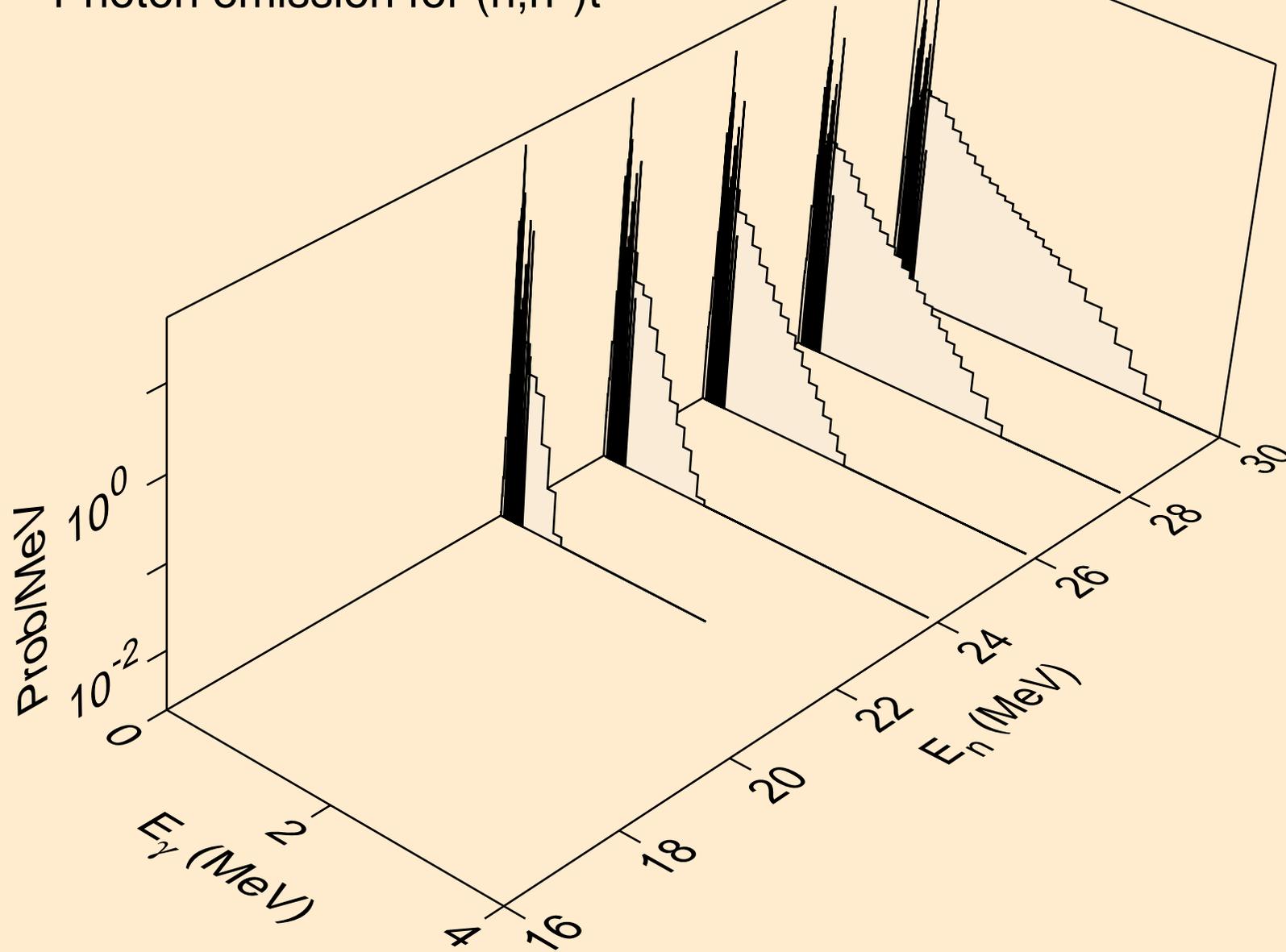TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)a

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
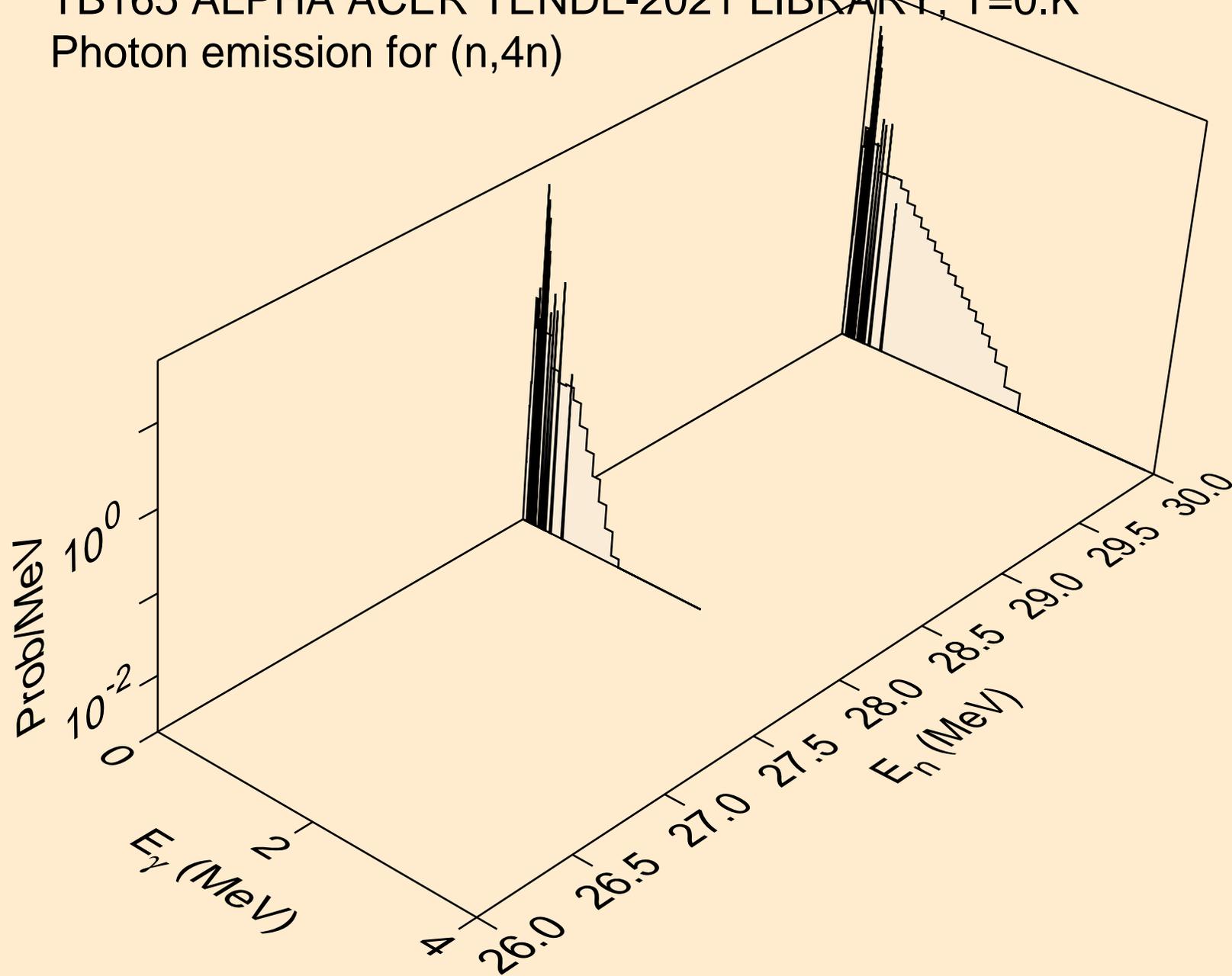Photon emission for (n,n*)p

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d

Prob/MeV

10^2

10^0

10^{-2}

E_γ (MeV)

2

4

16

18

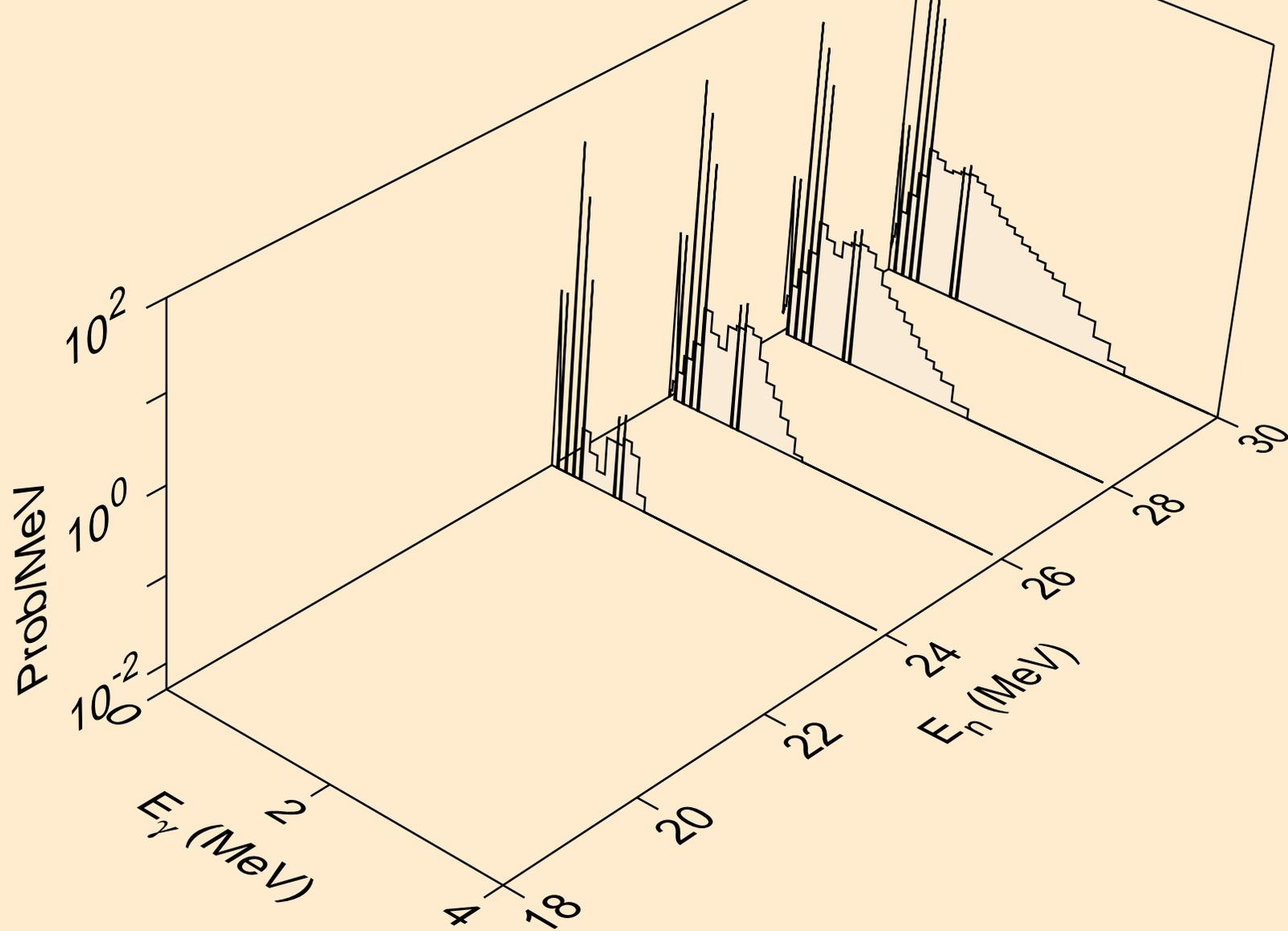20

22

24

26

28

30

E_n (MeV)

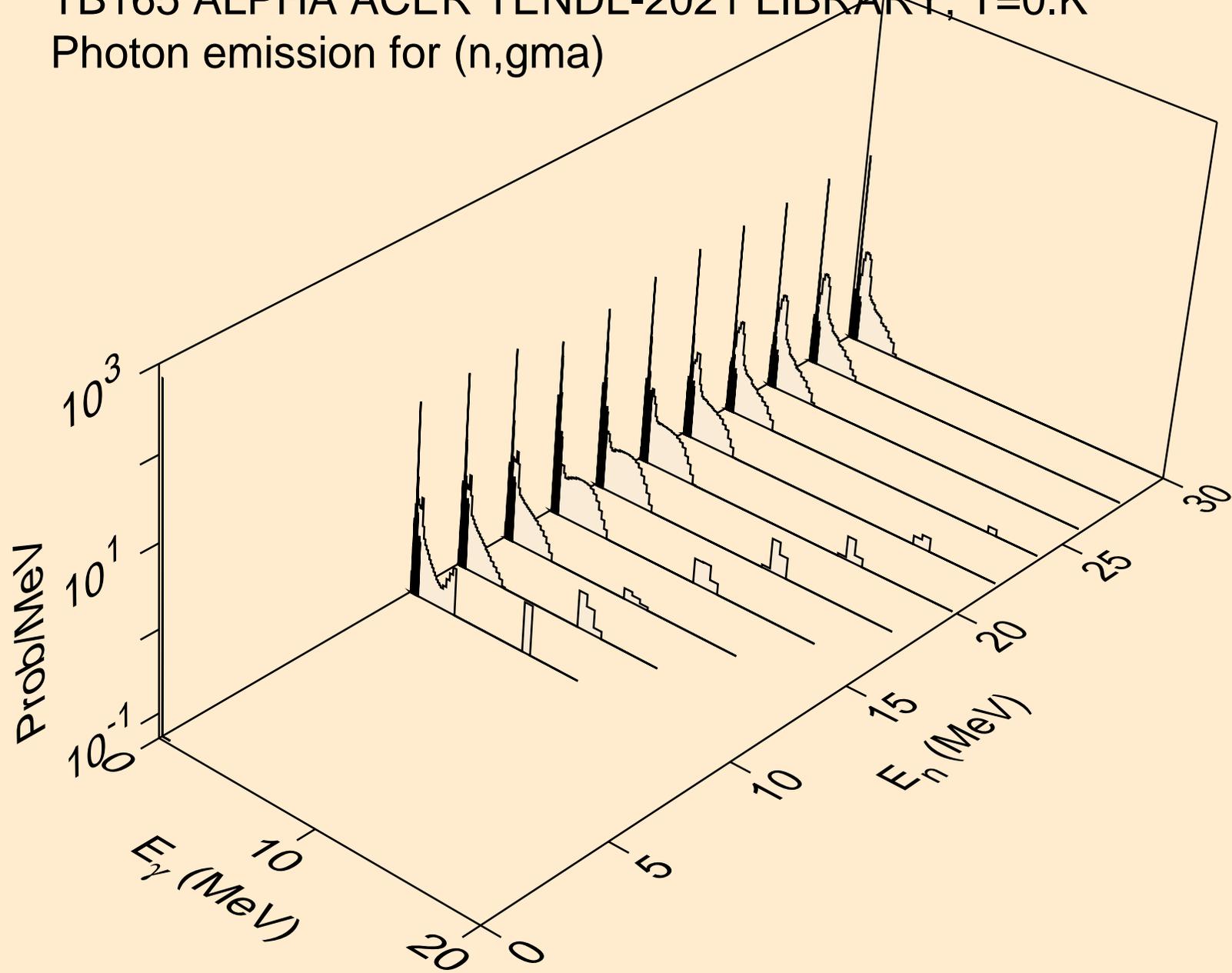TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)t

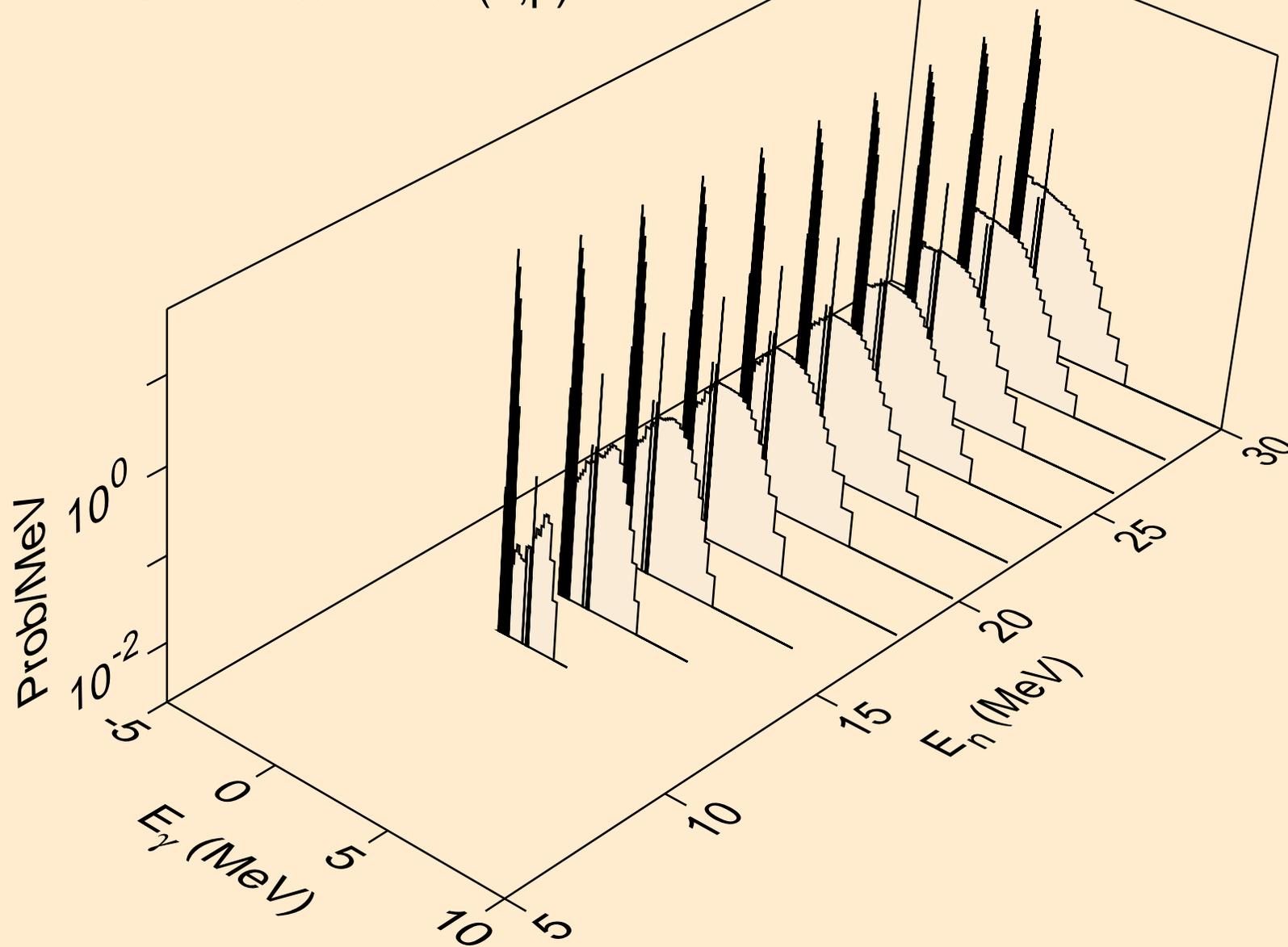TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)

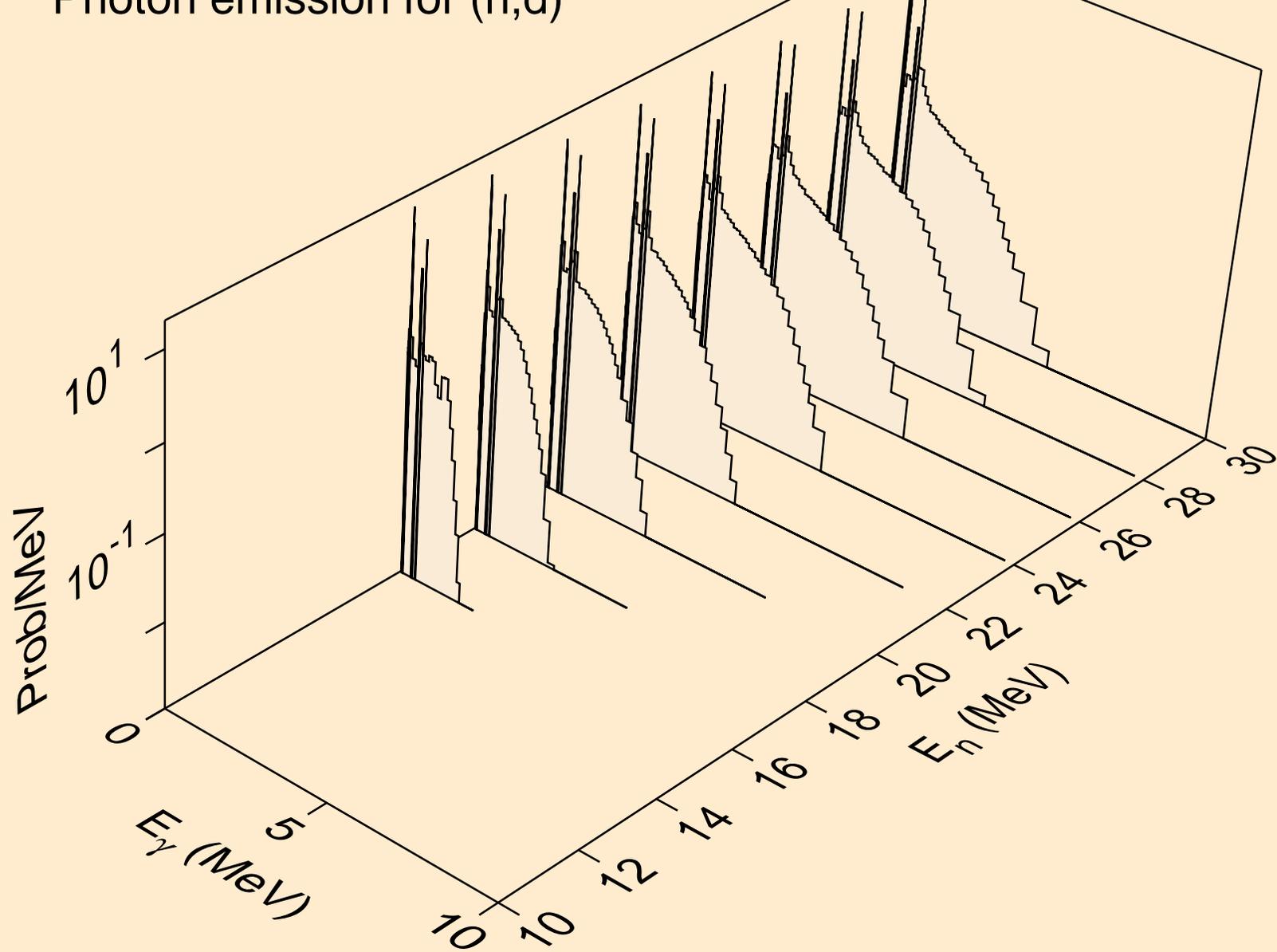TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)

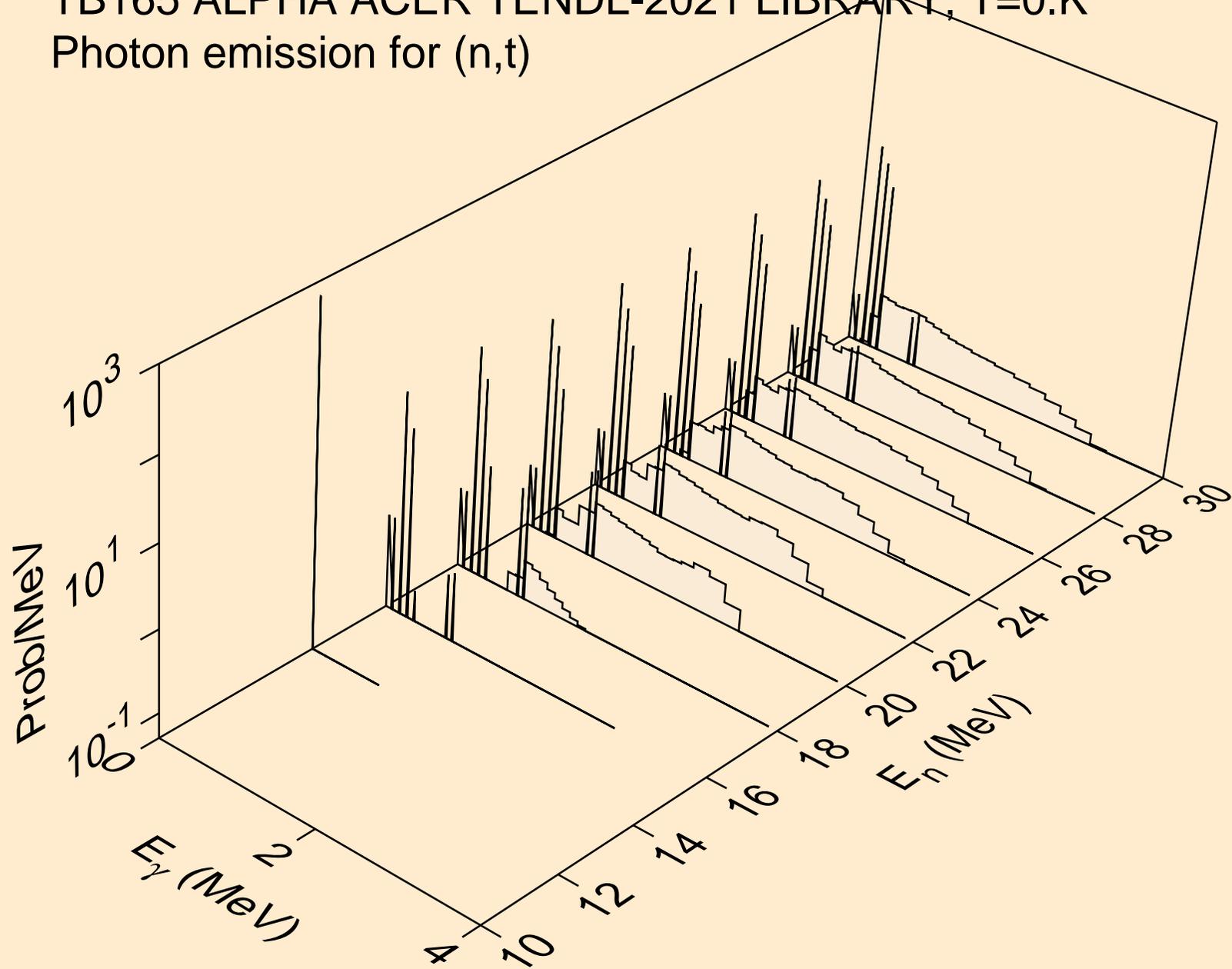TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)

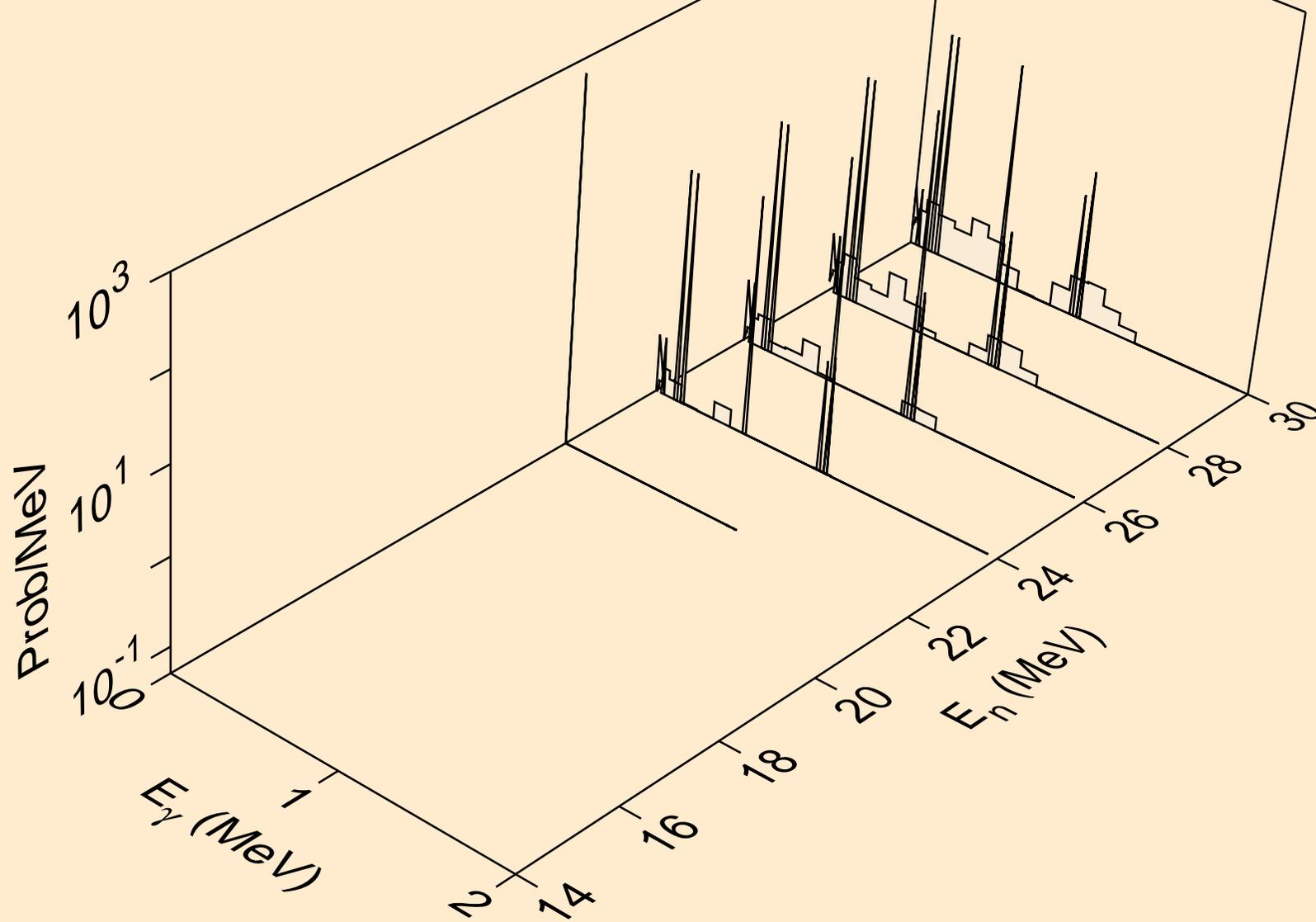TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

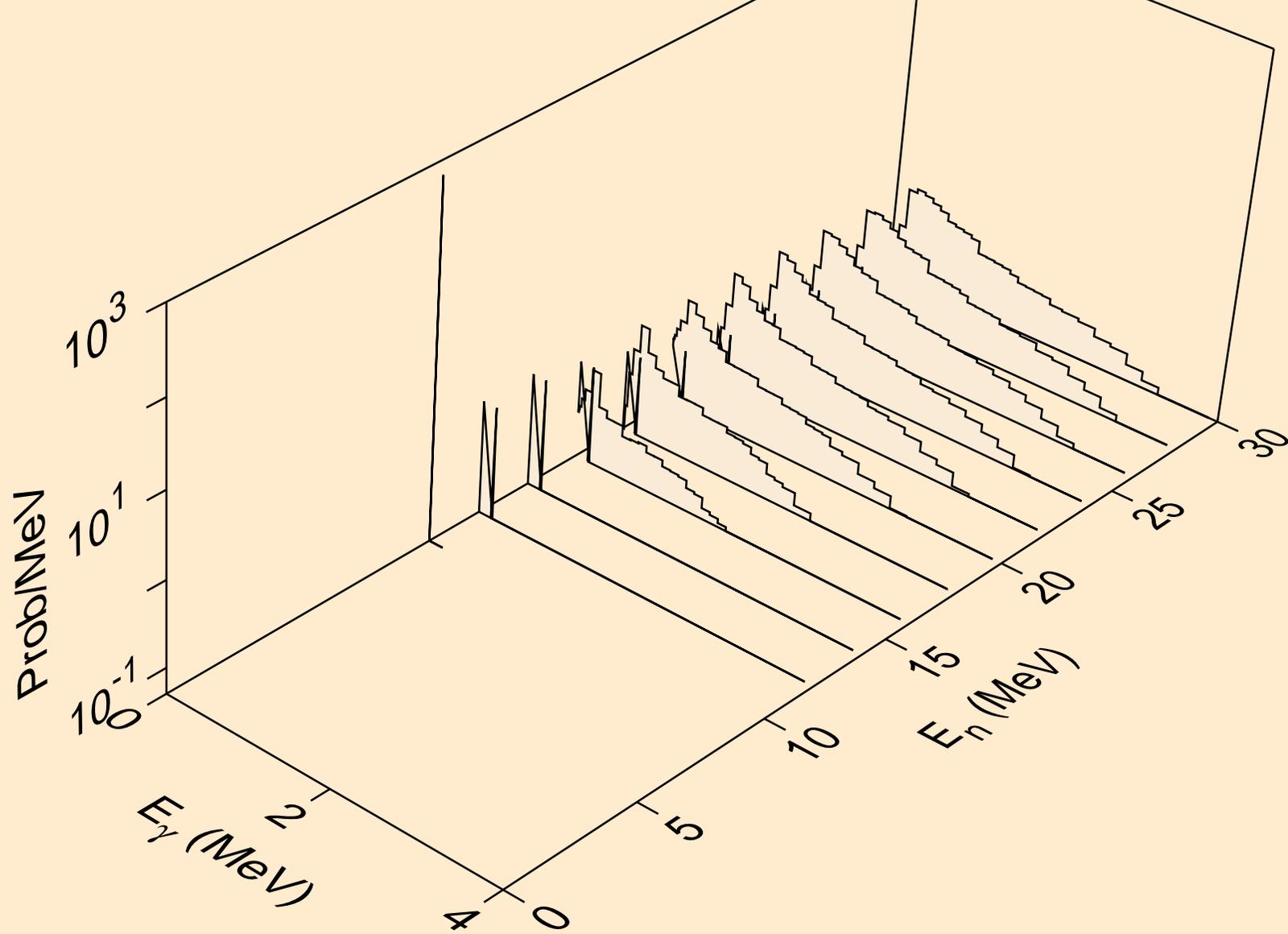TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
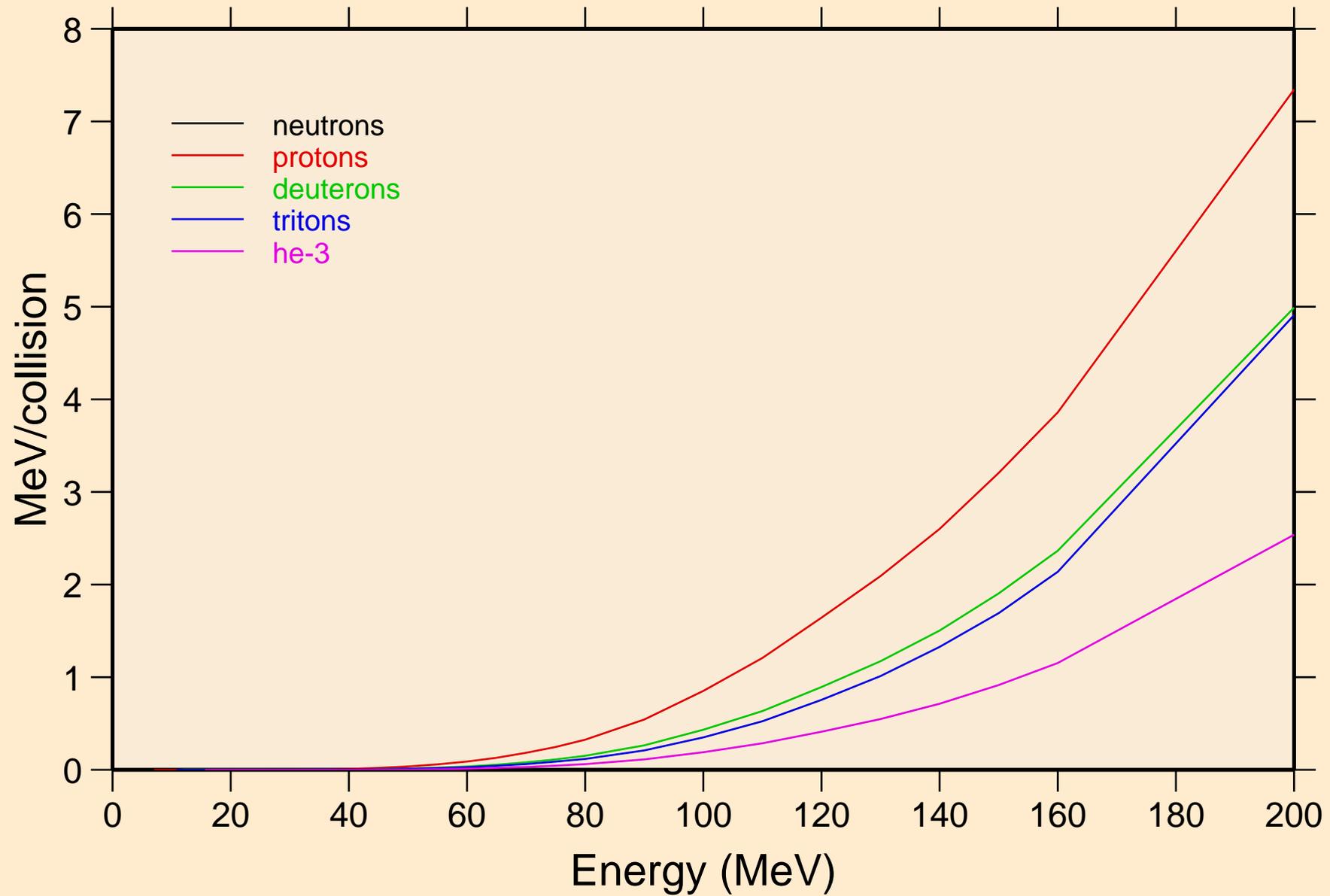Photon emission for (n,t)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
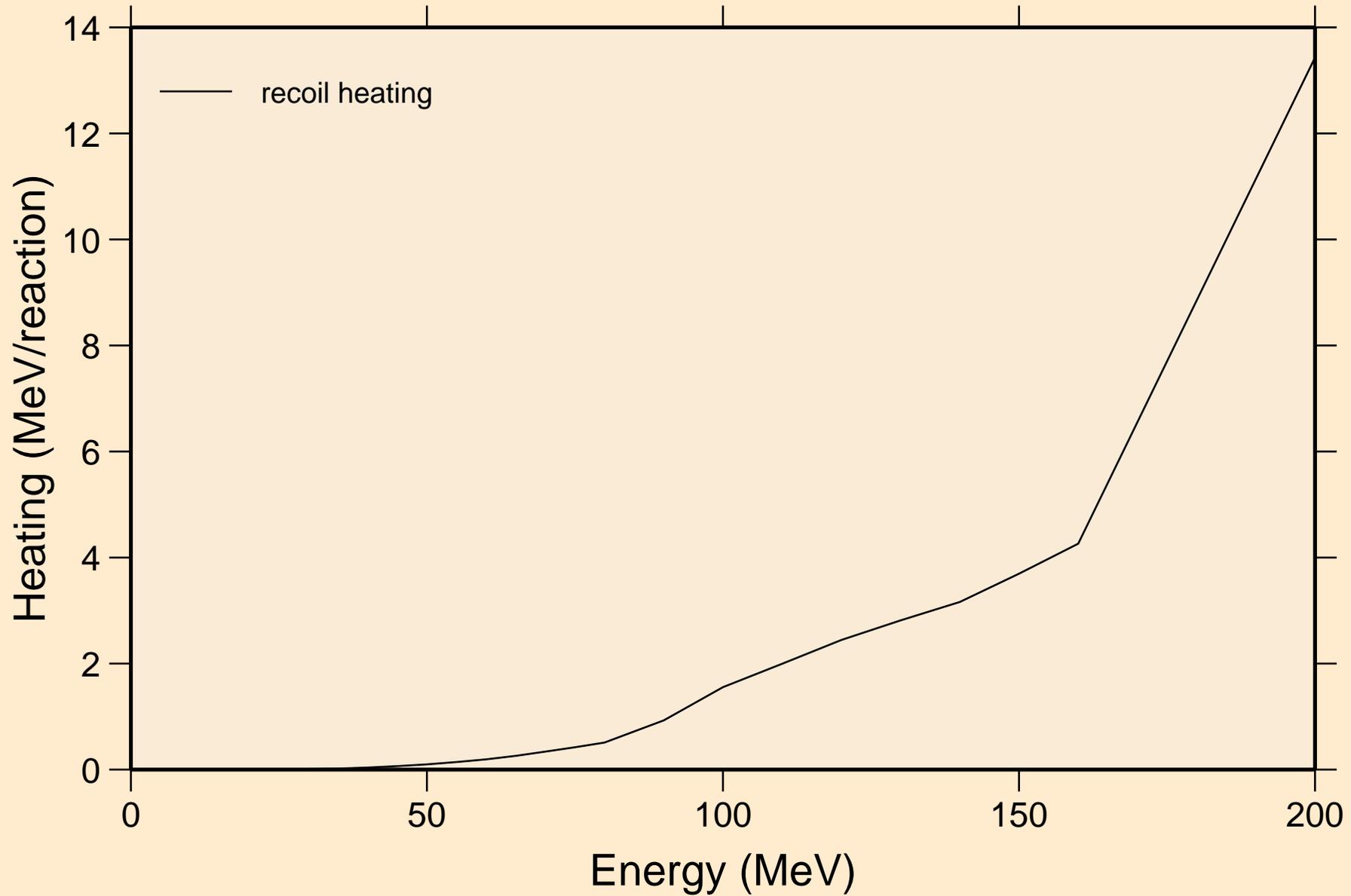Photon emission for (n,he3)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
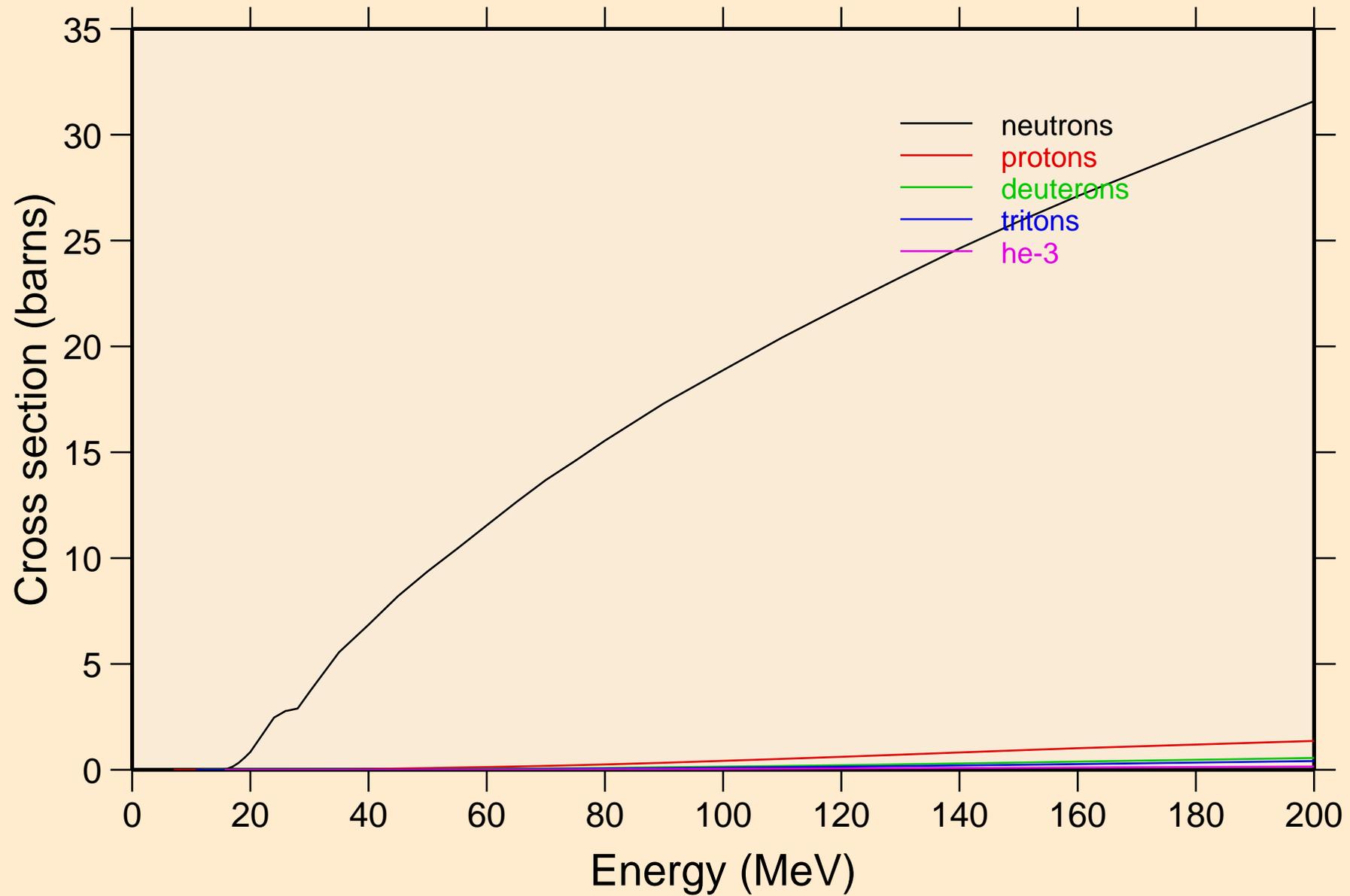Photon emission for inelastic

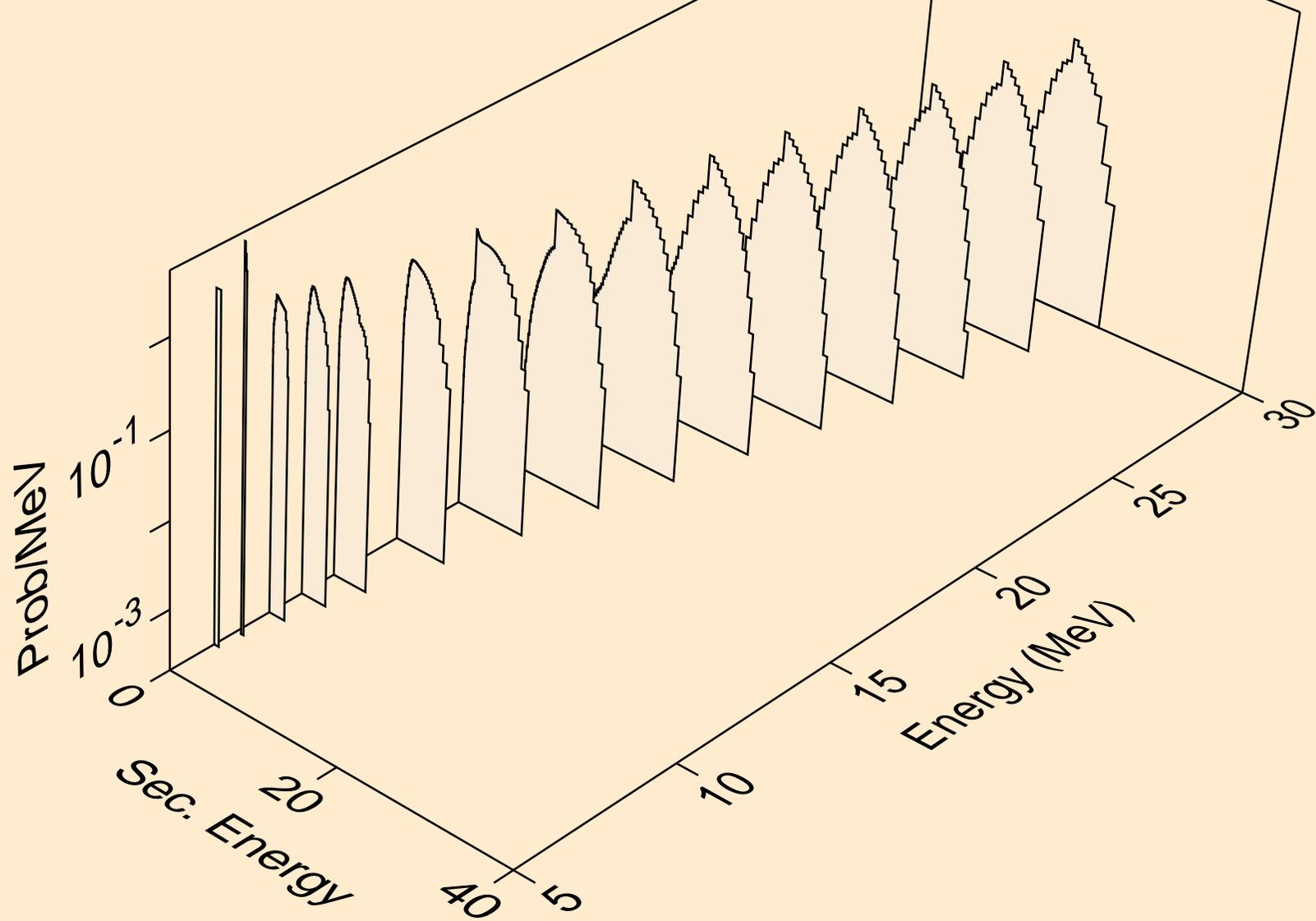TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

neutrons
protons
deuterons
tritons
he-3

MeV/collision

Energy (MeV)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
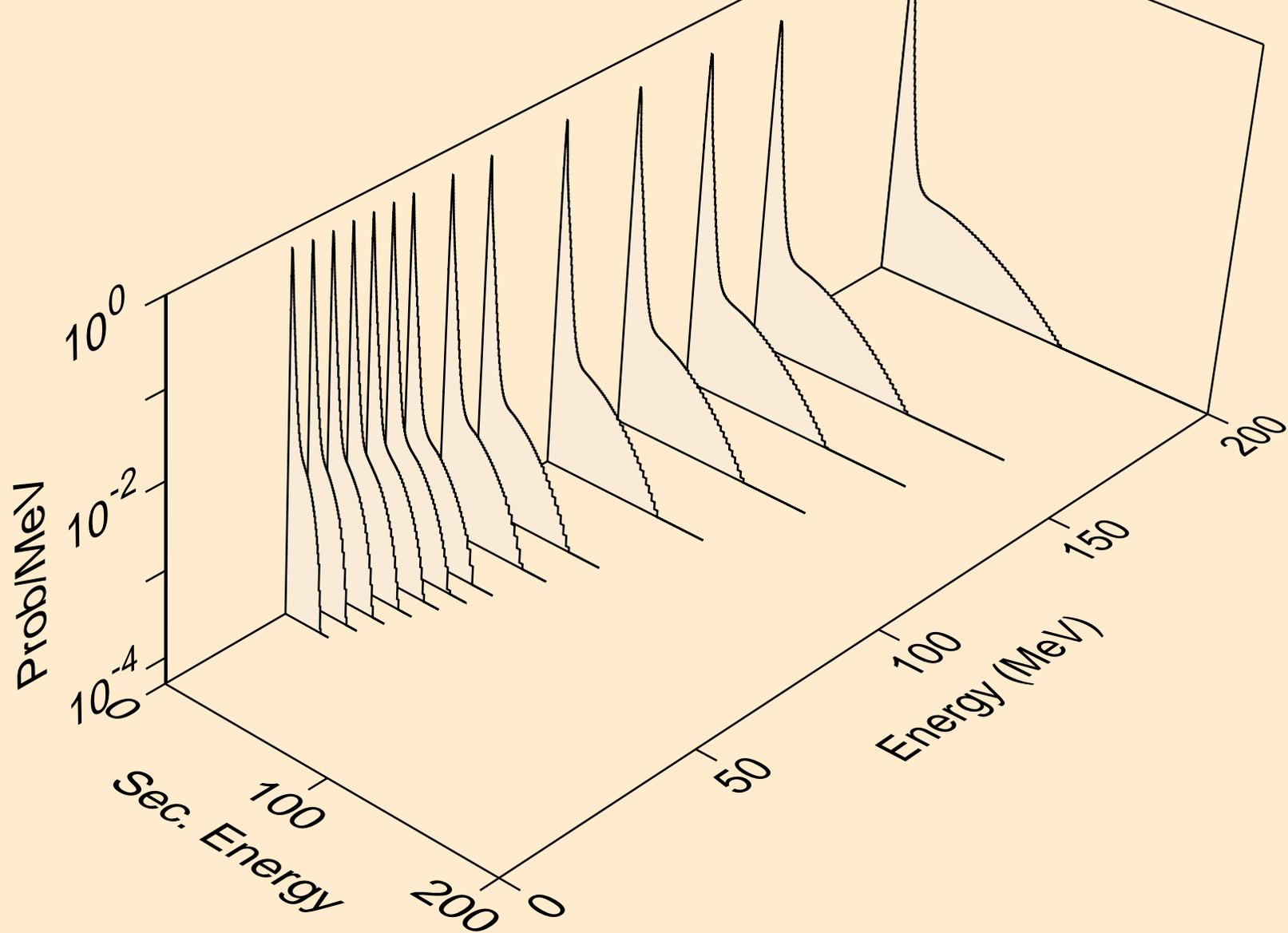Particle production cross sections

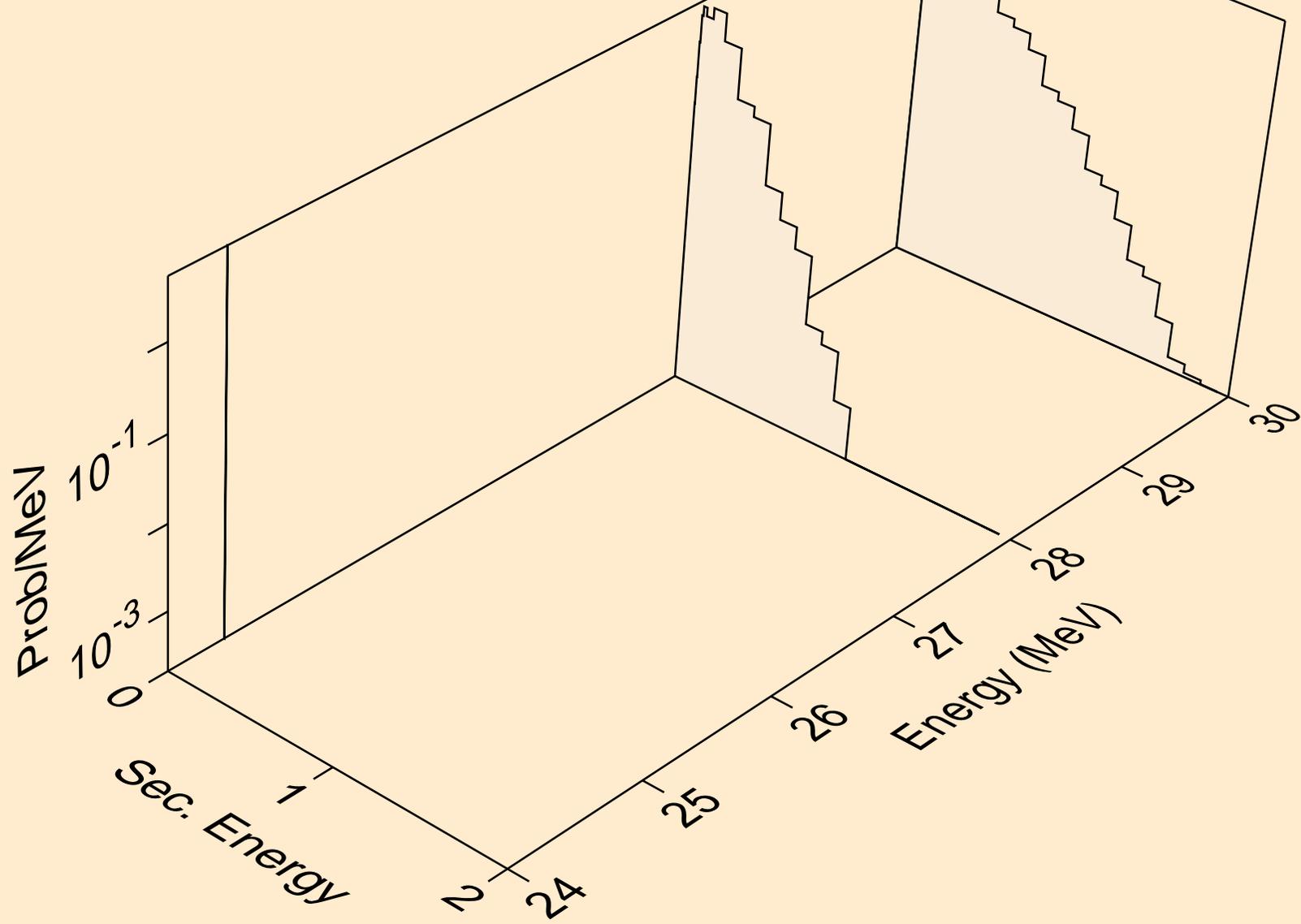neutrons
protons
deuterons
tritons
he-3

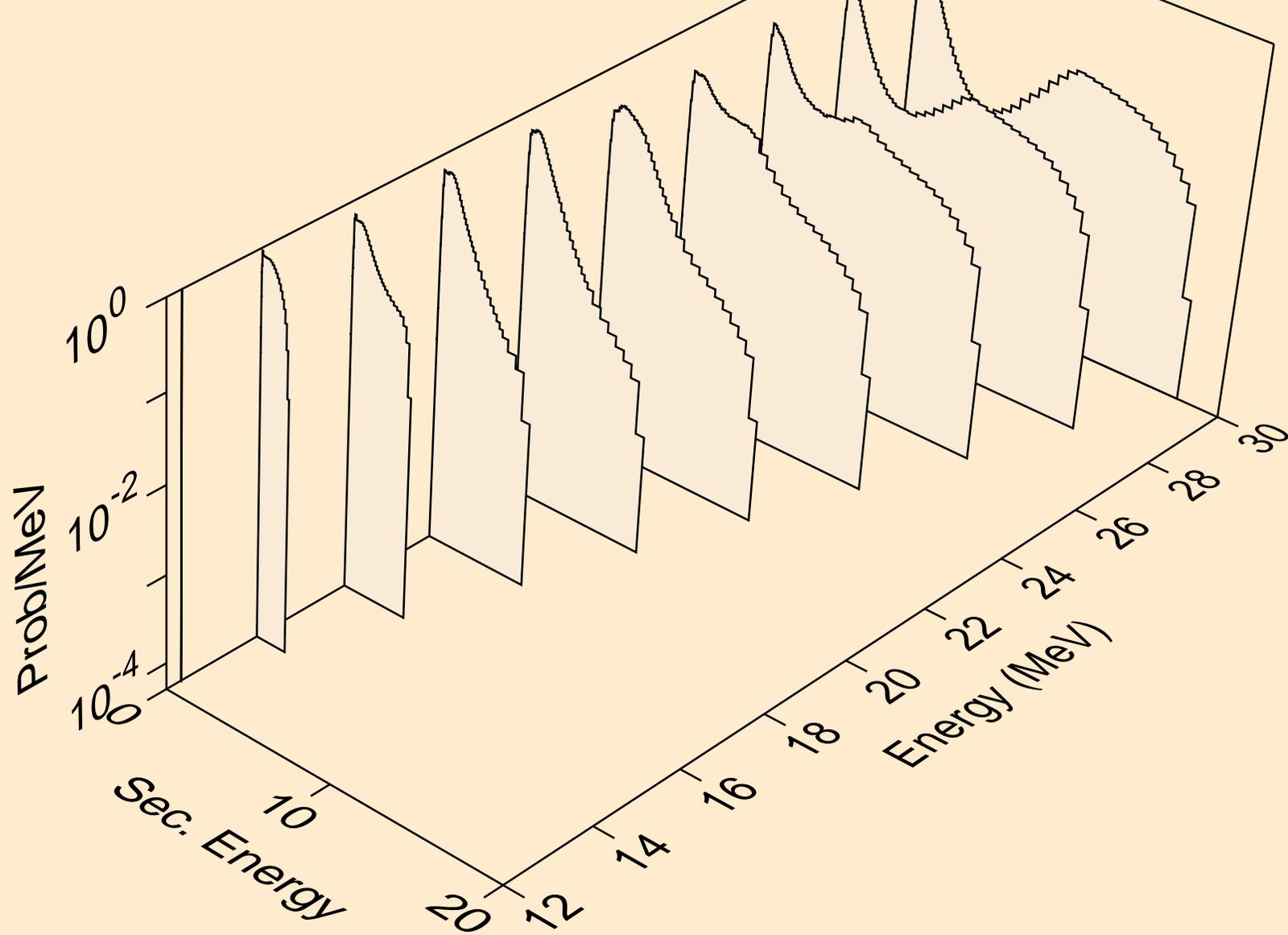TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)

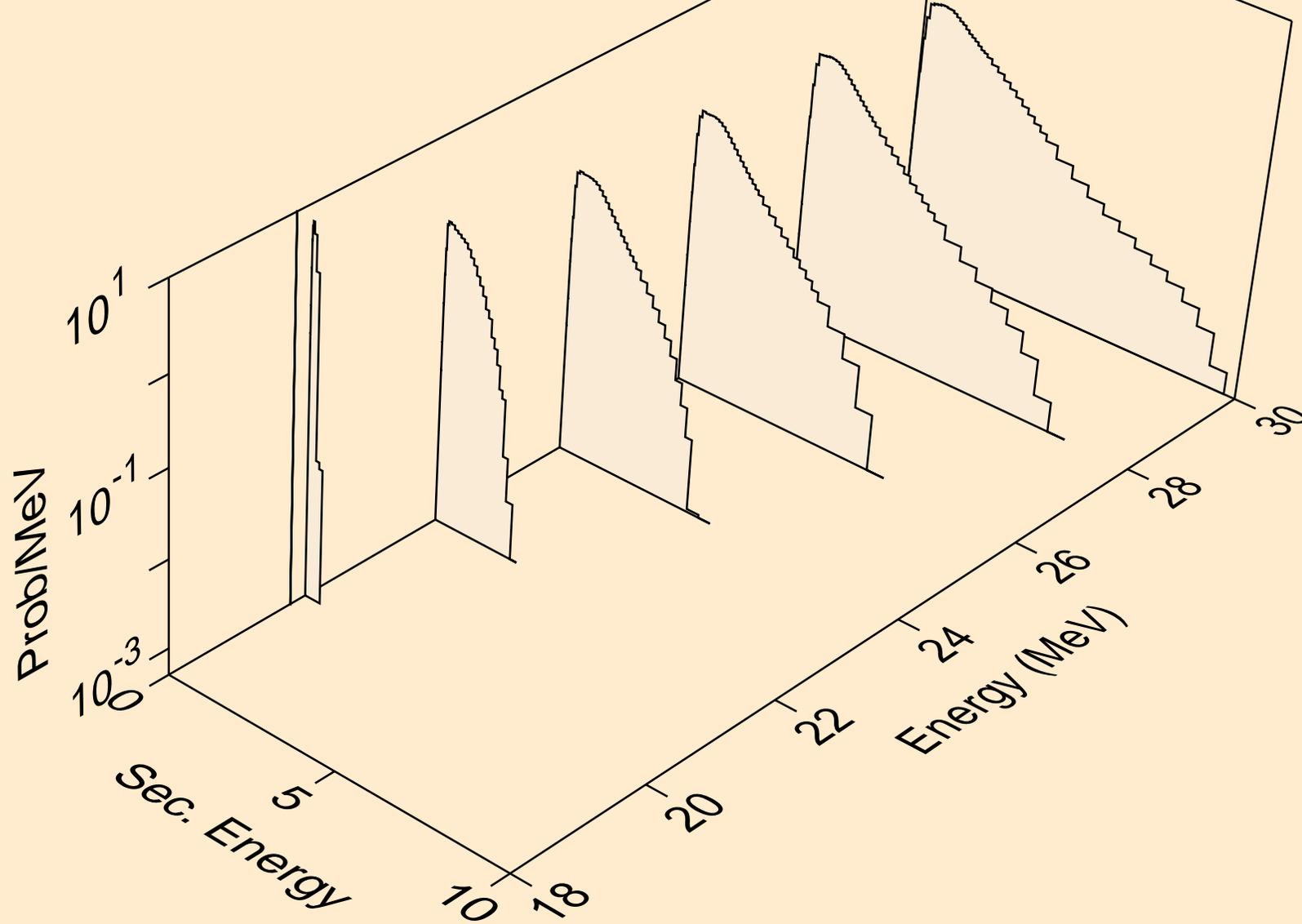TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)

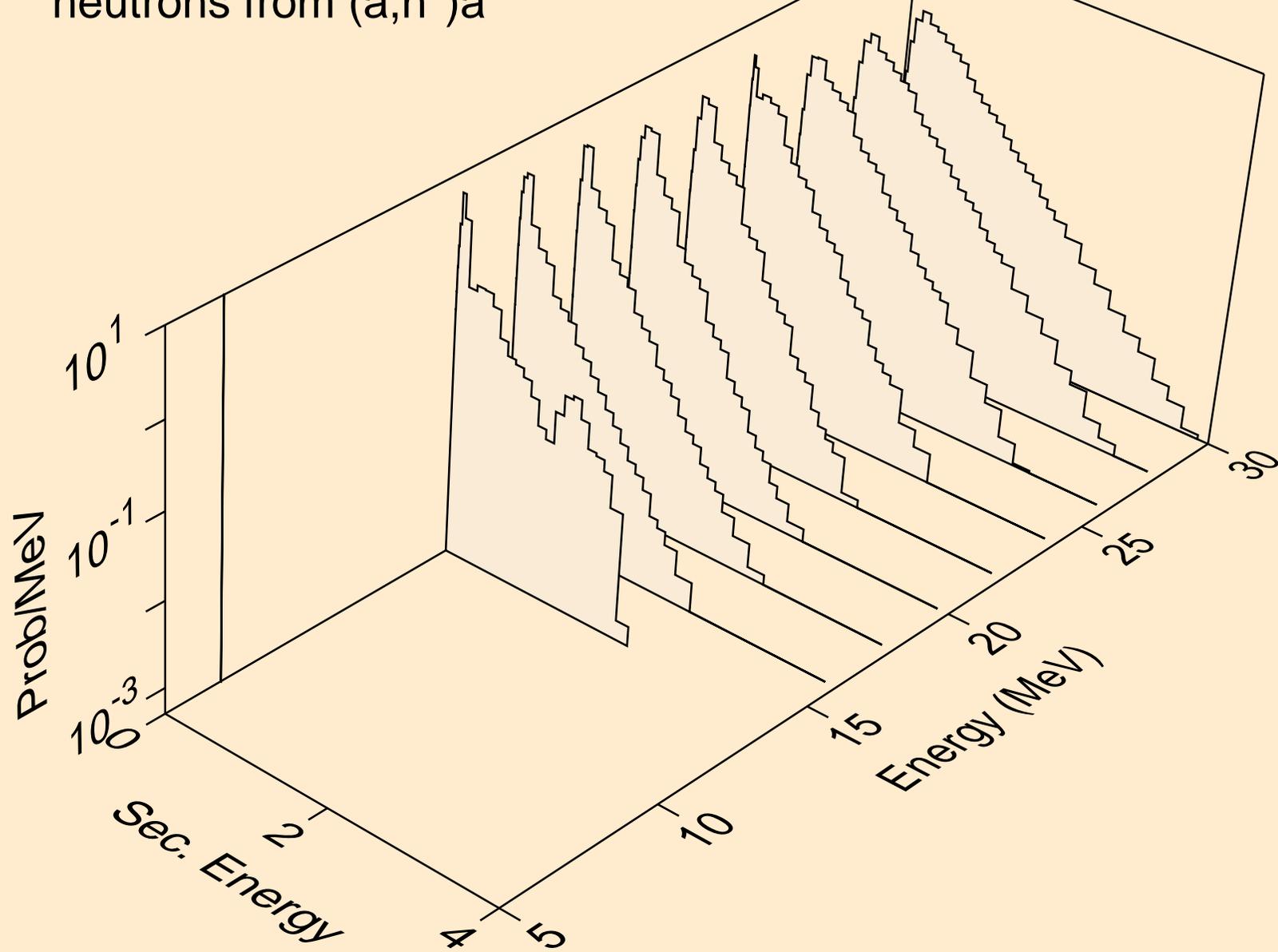TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2nd)

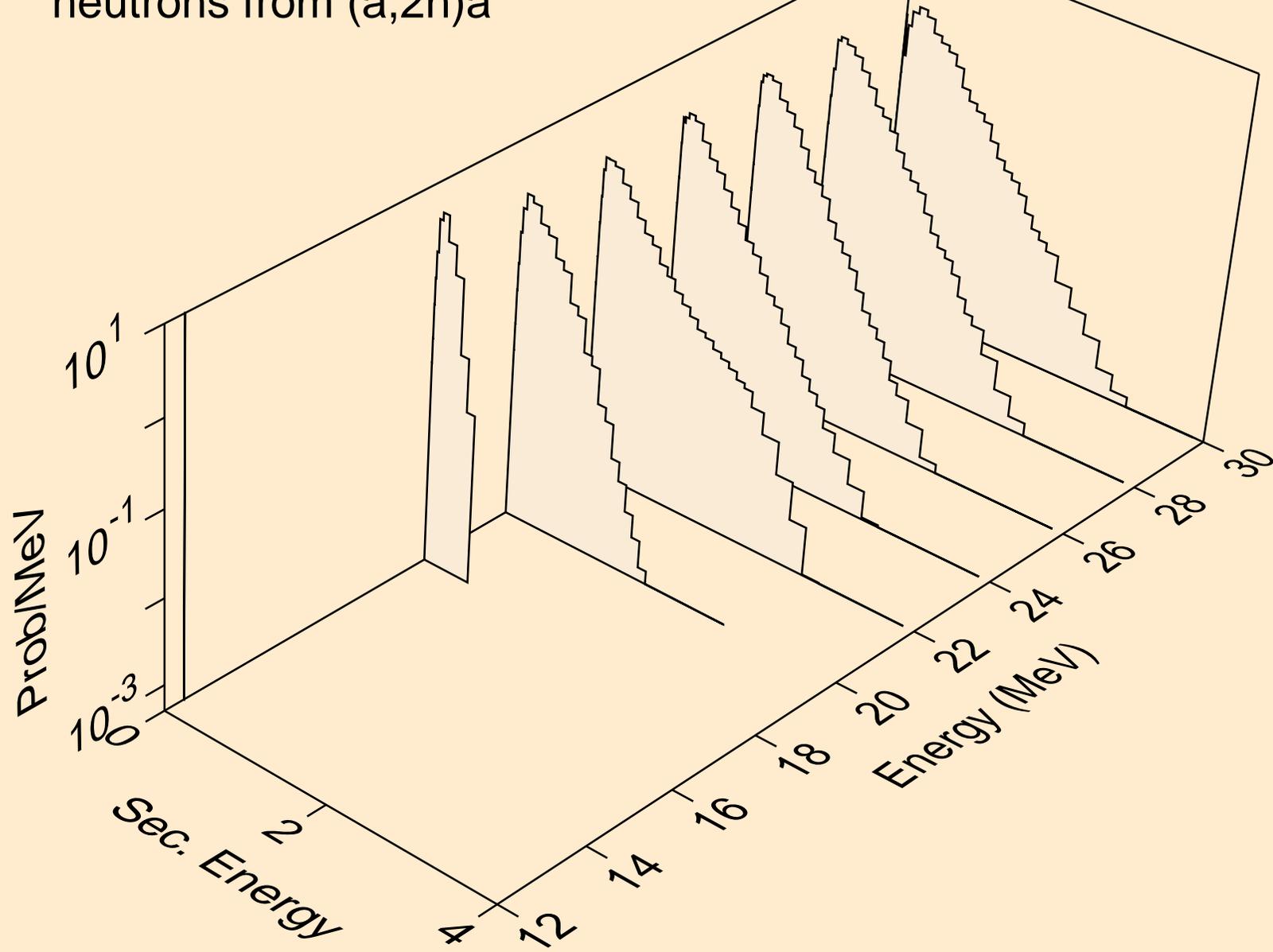TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)

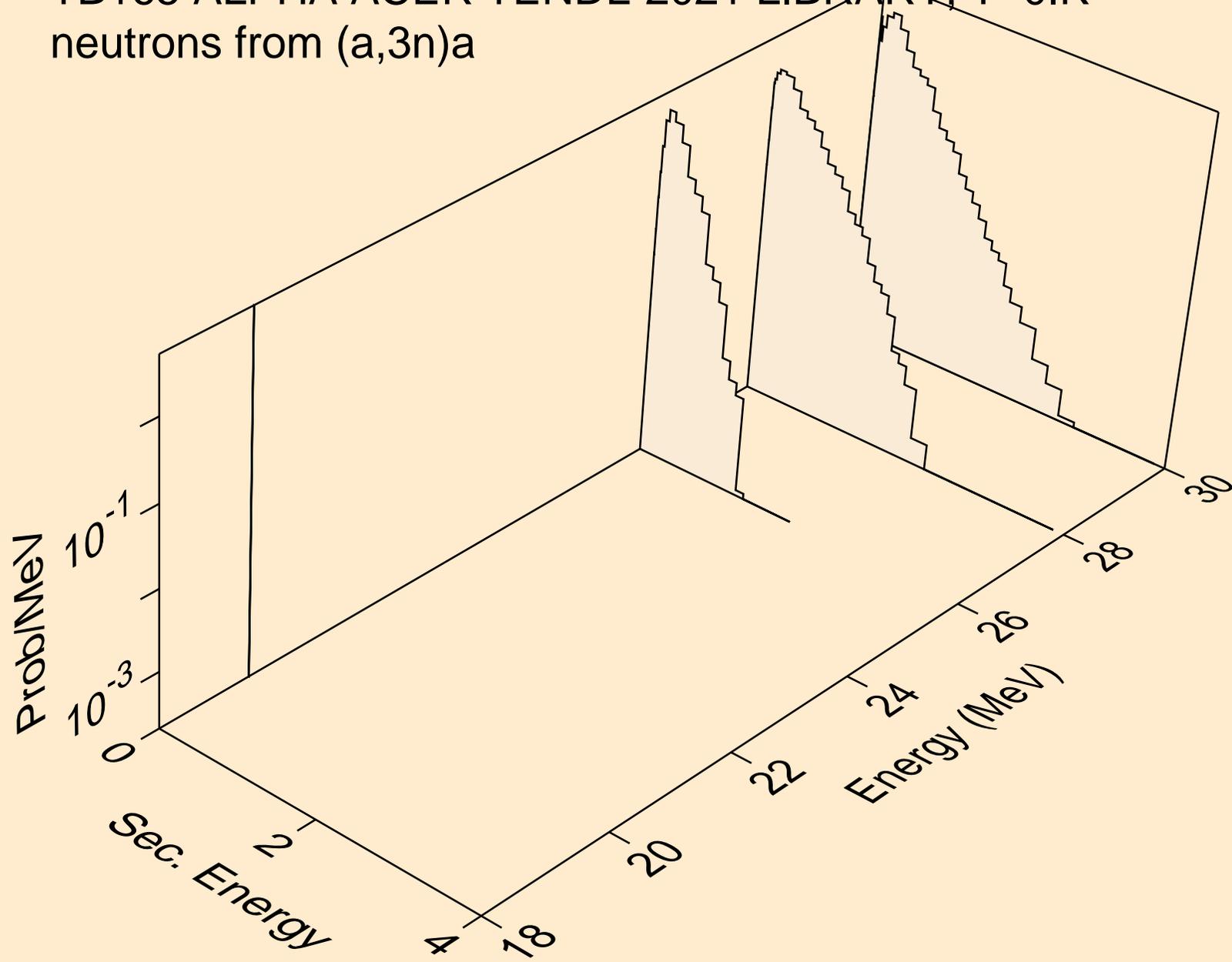TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)

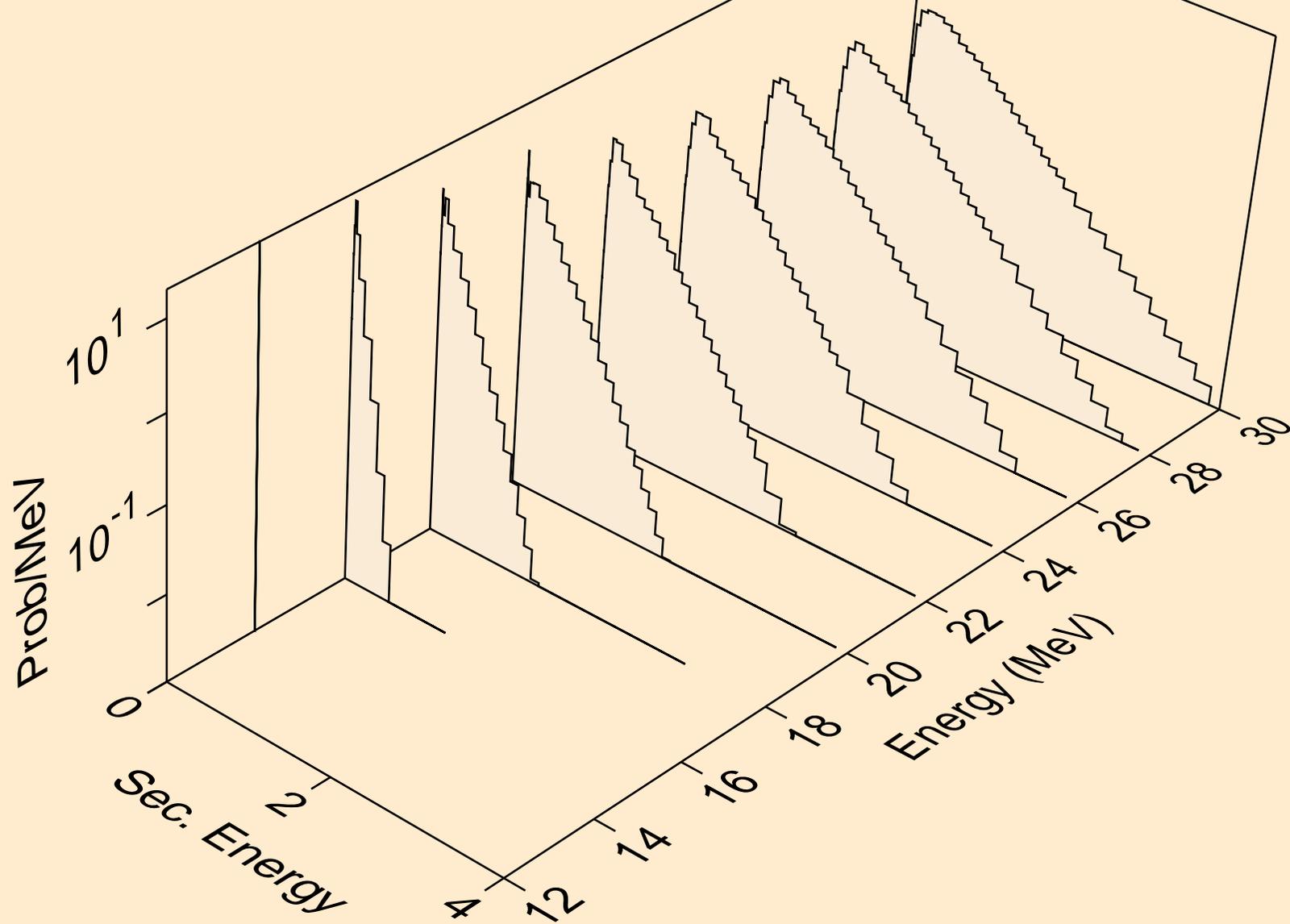TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a

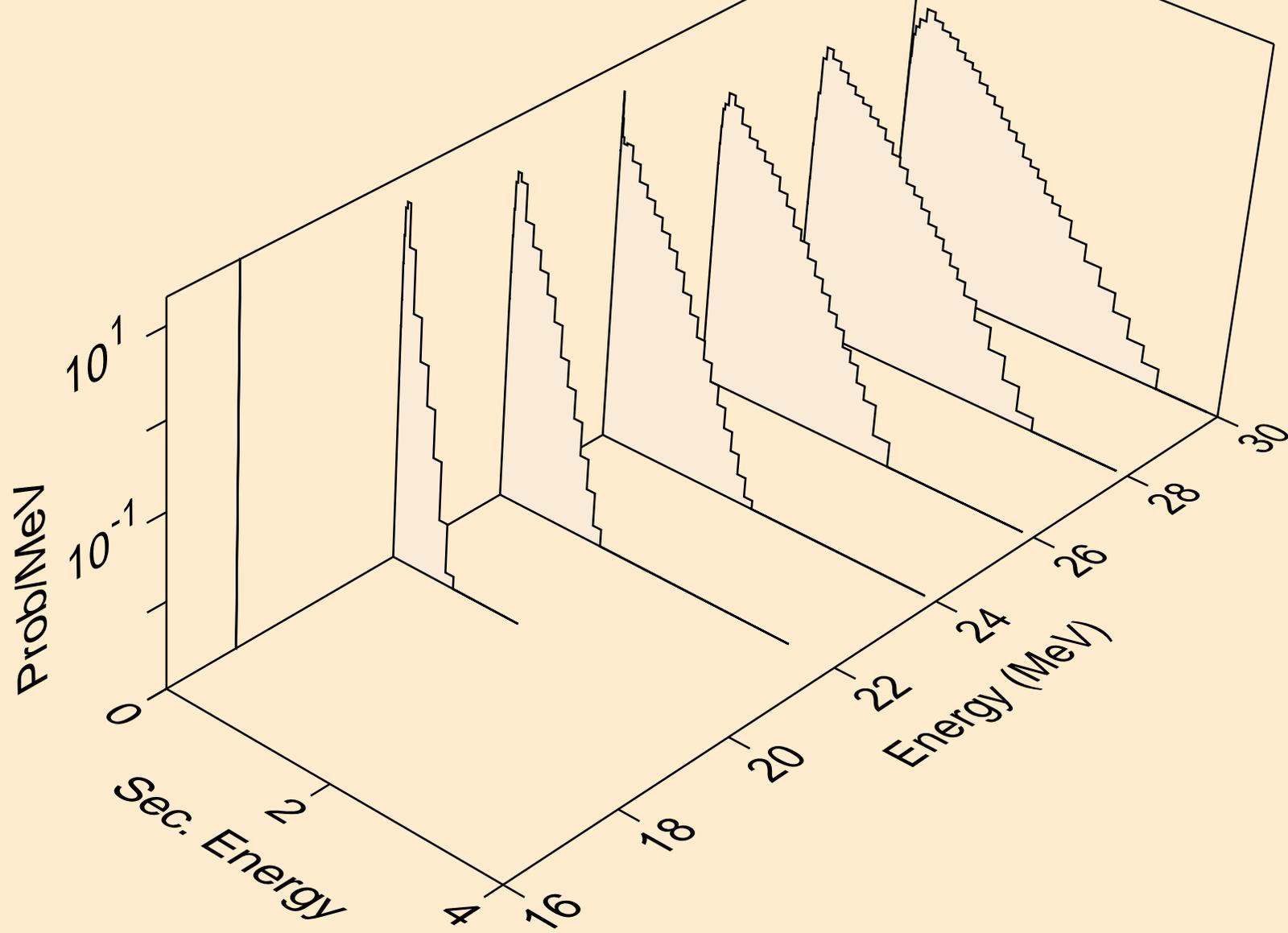TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a

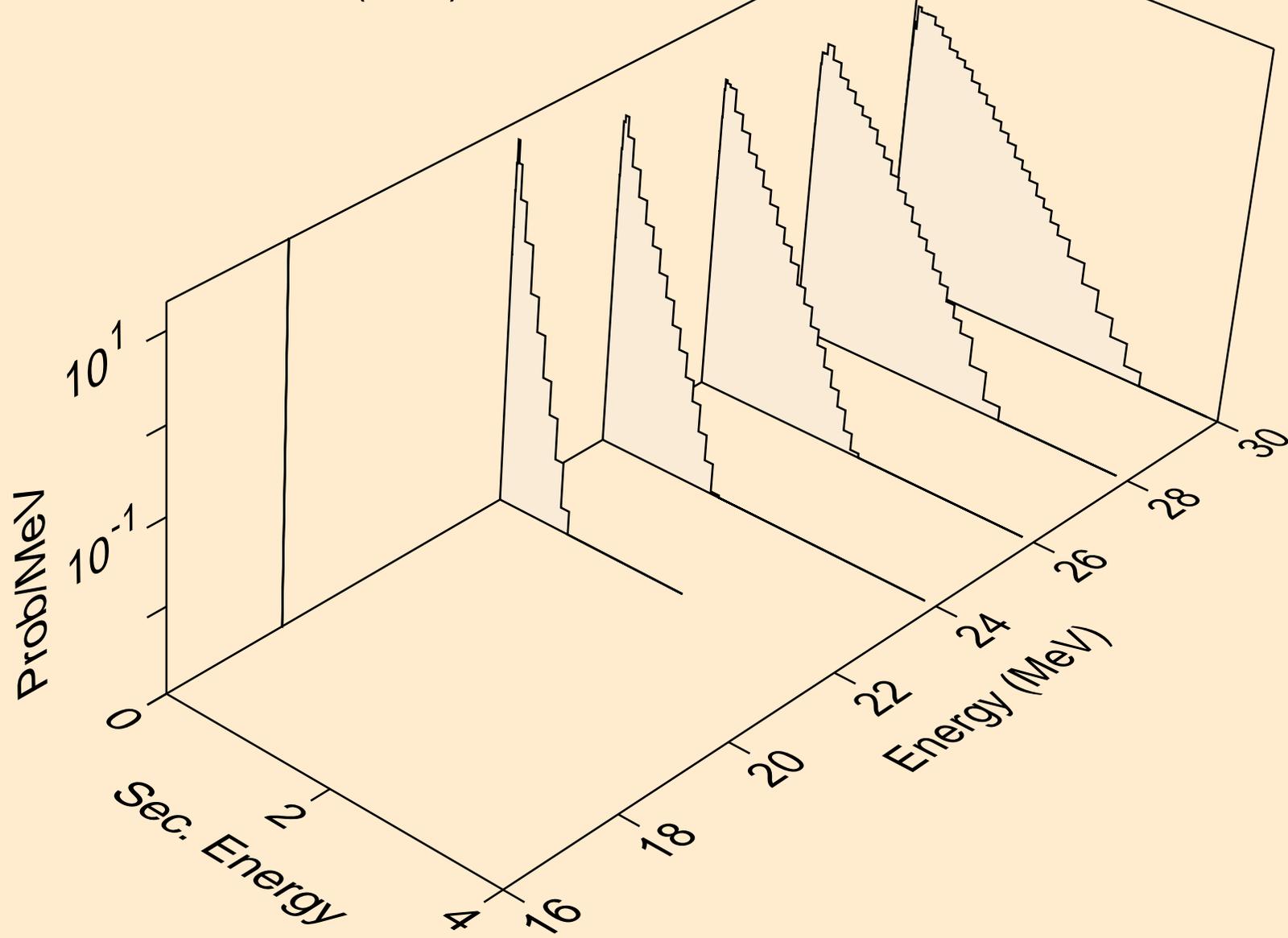TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)a

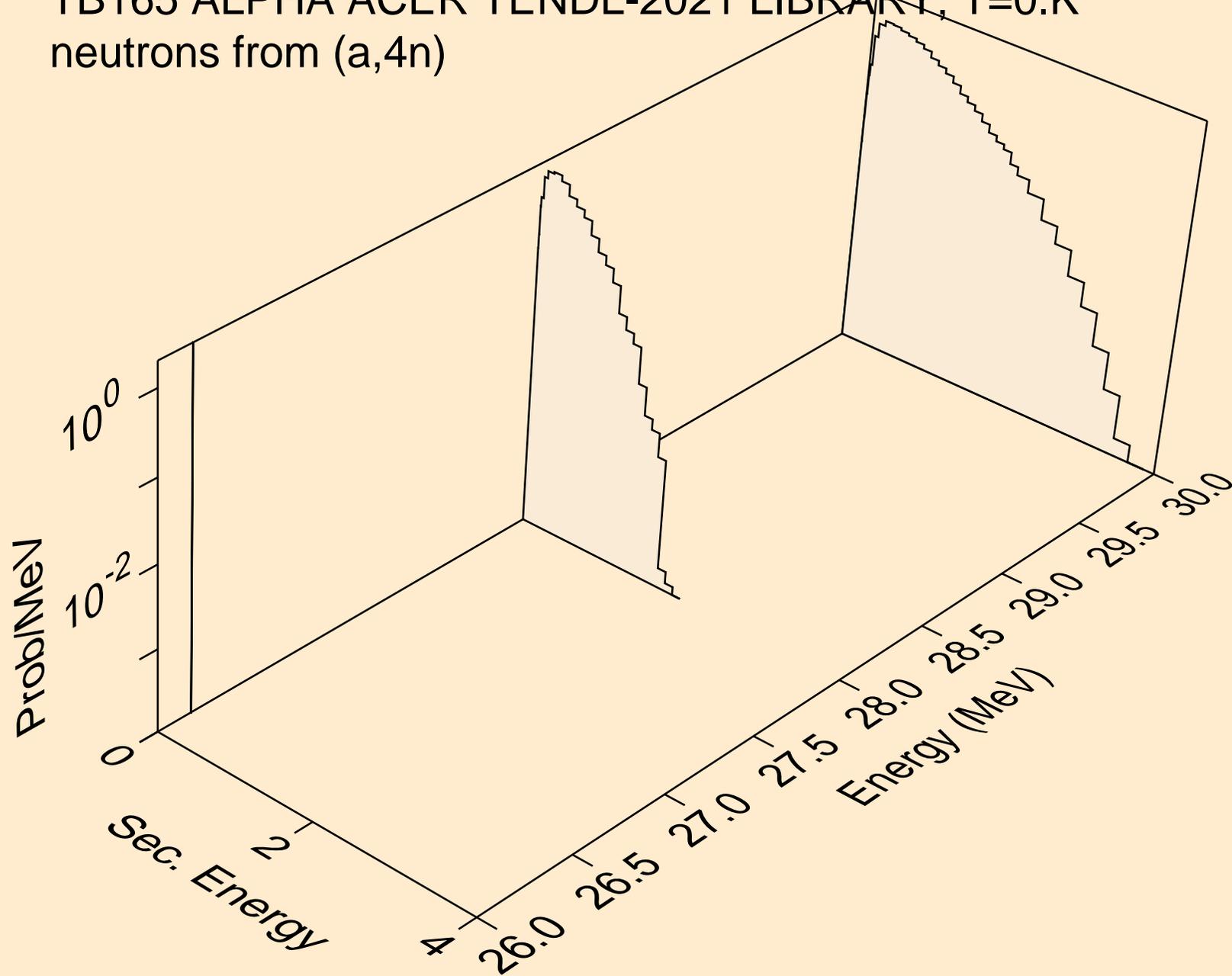TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
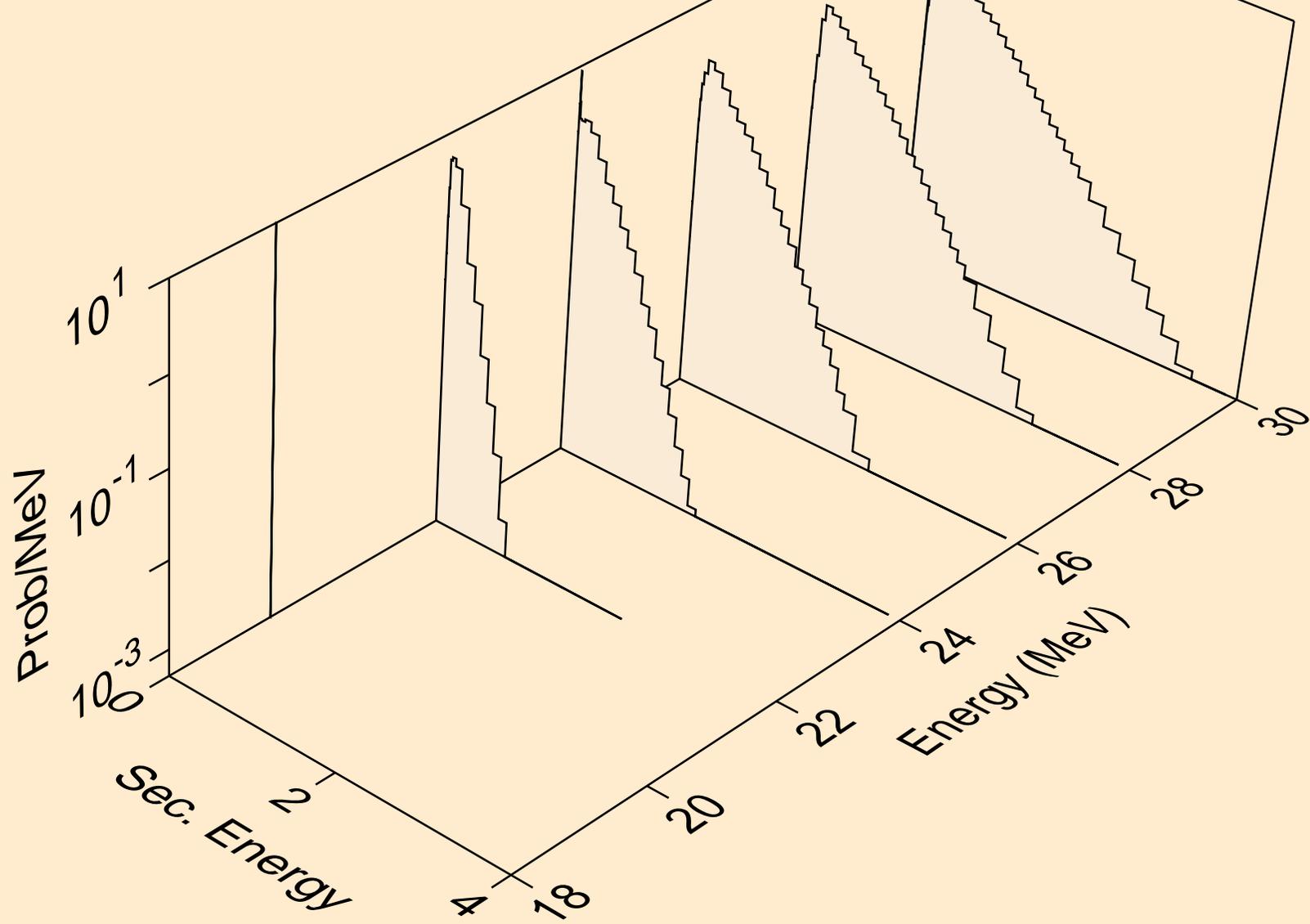neutrons from (a,n*)d

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
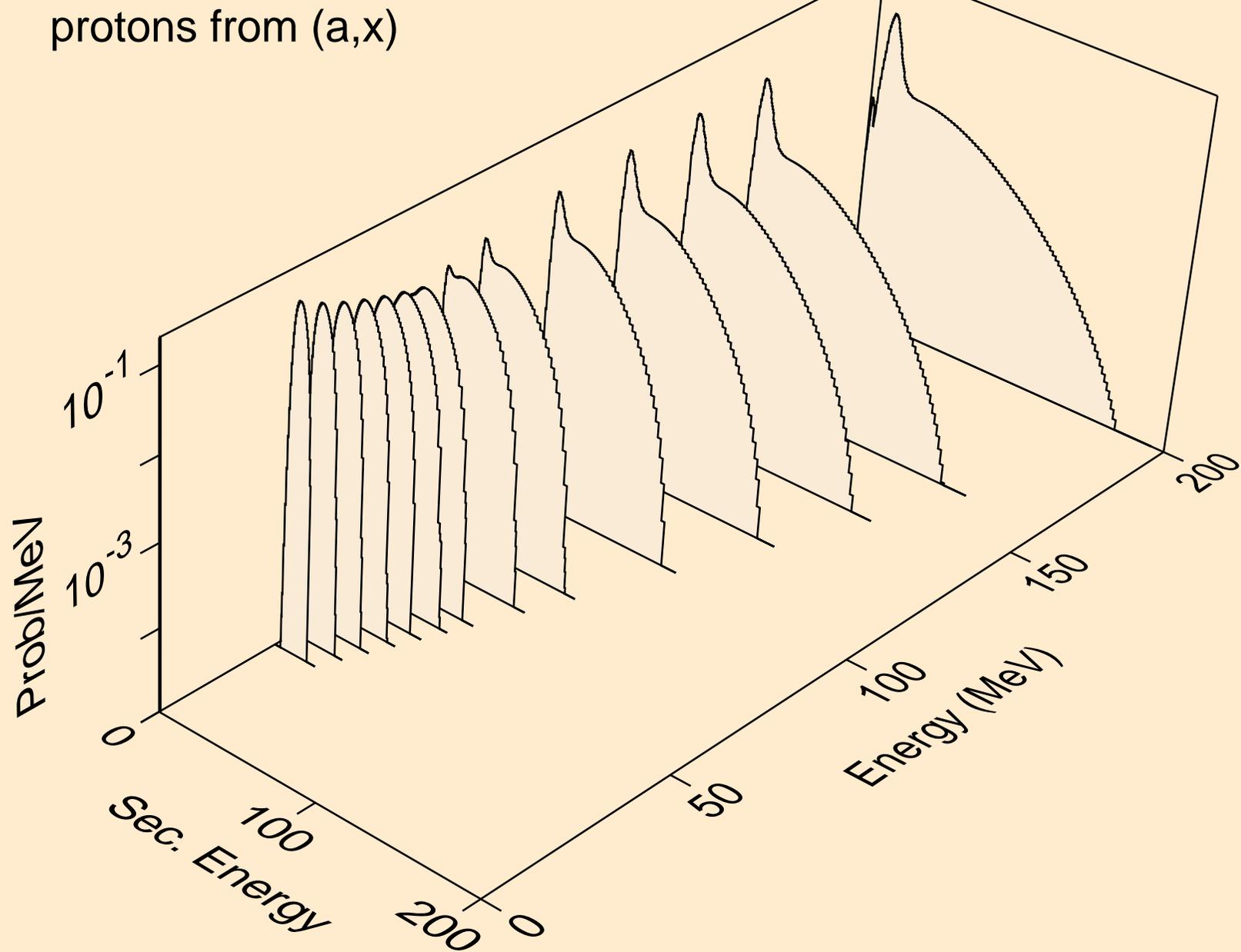neutrons from (a,n*)t

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
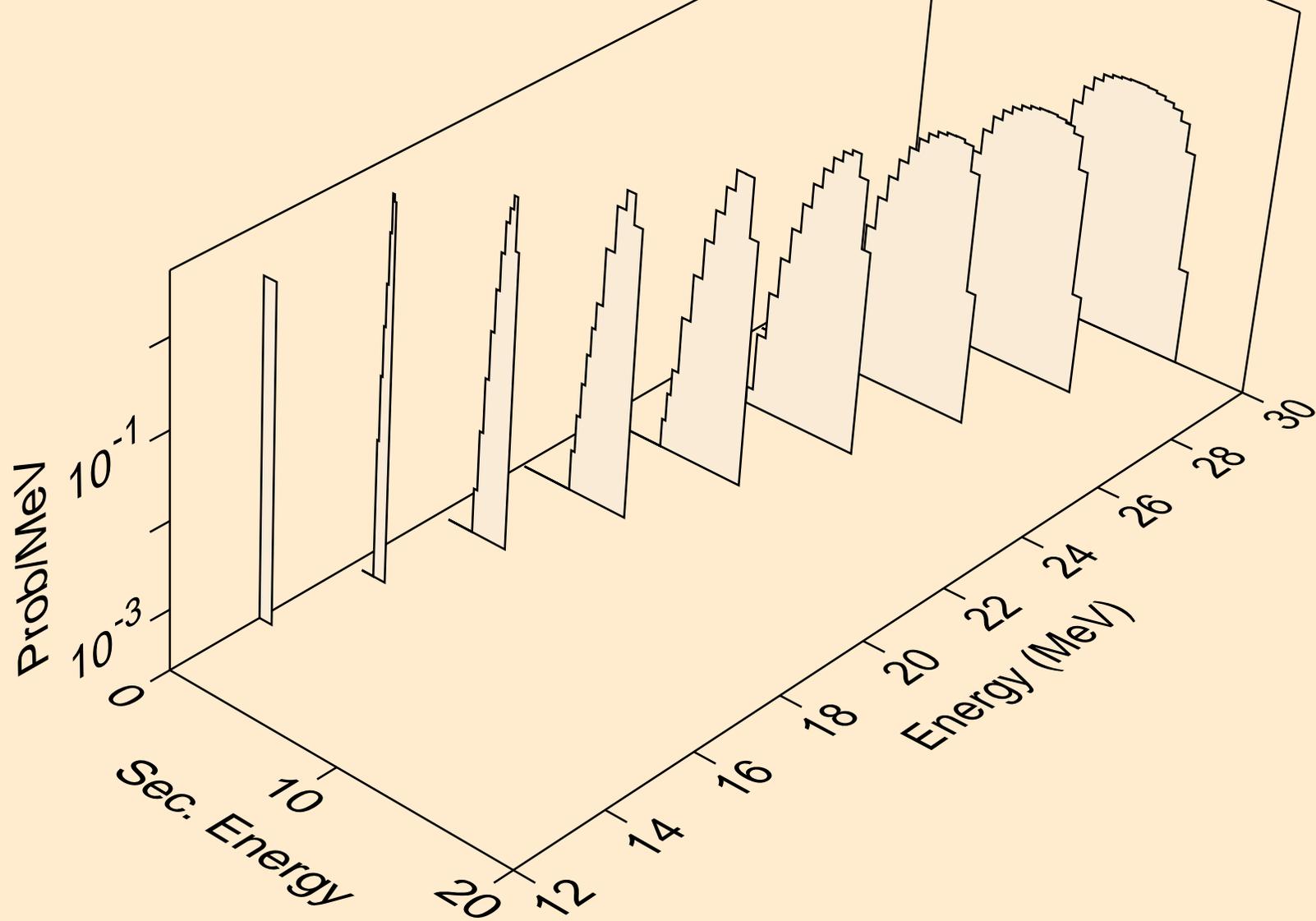neutrons from (a,4n)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
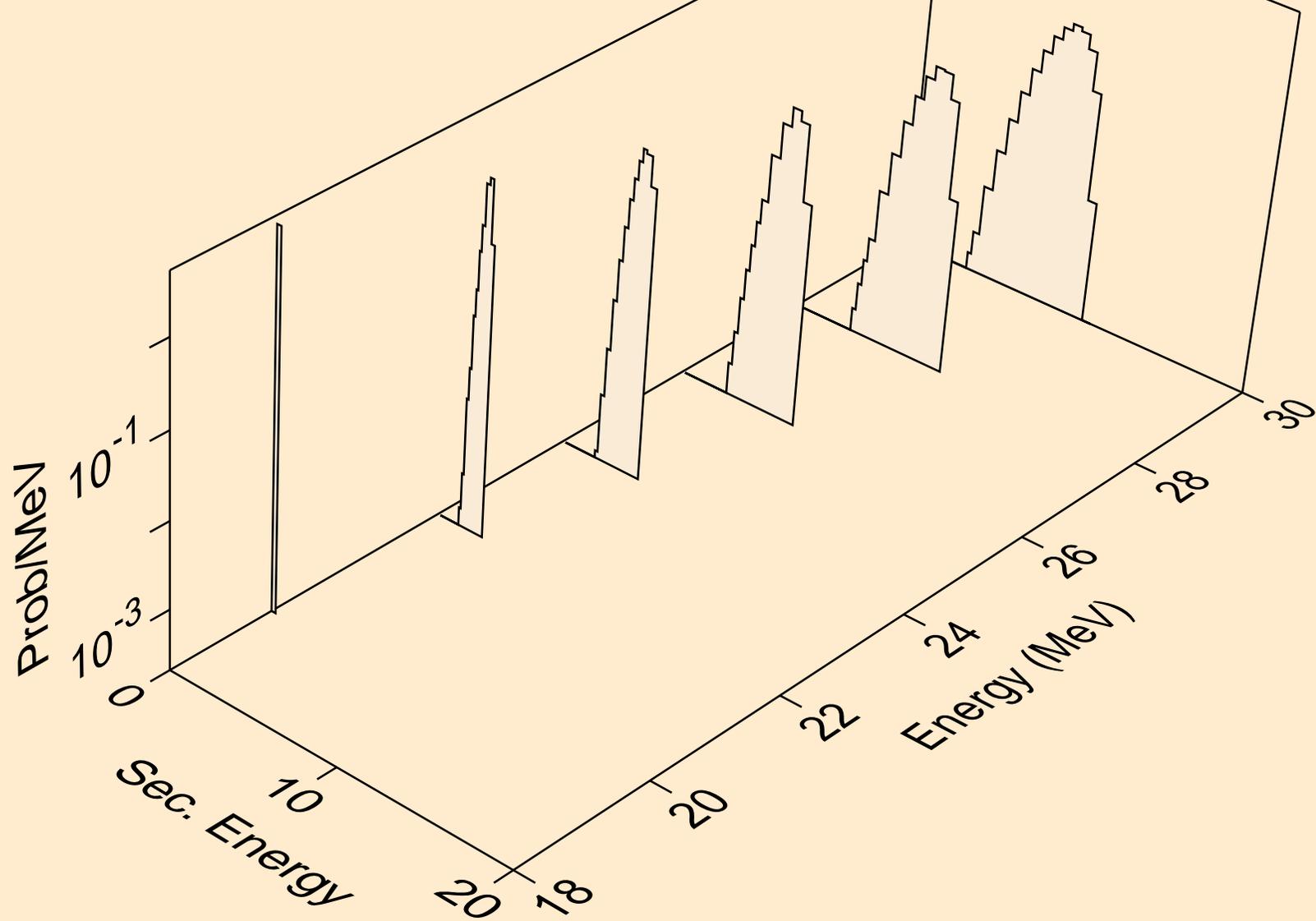neutrons from (a,2np)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
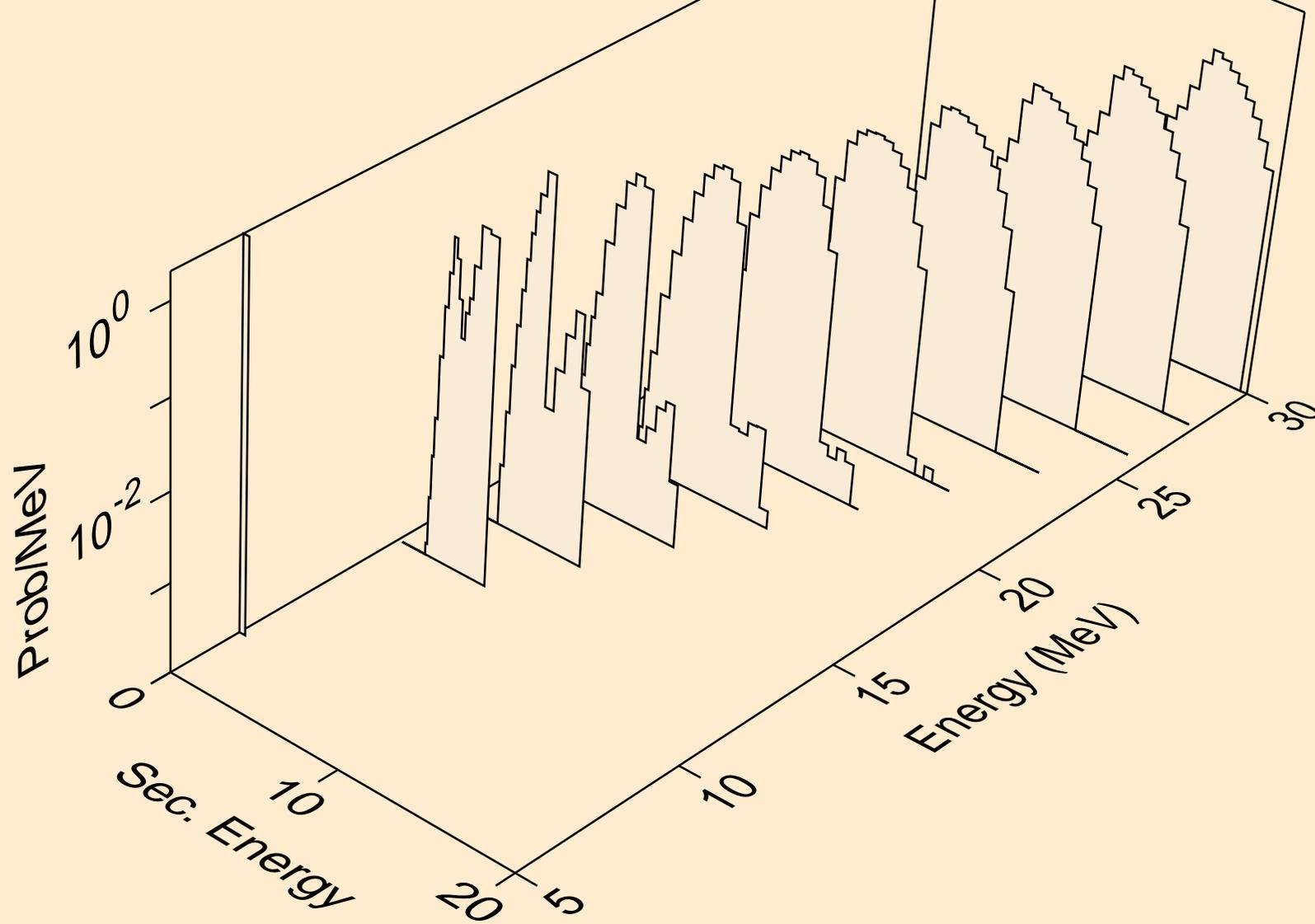protons from (a,x)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
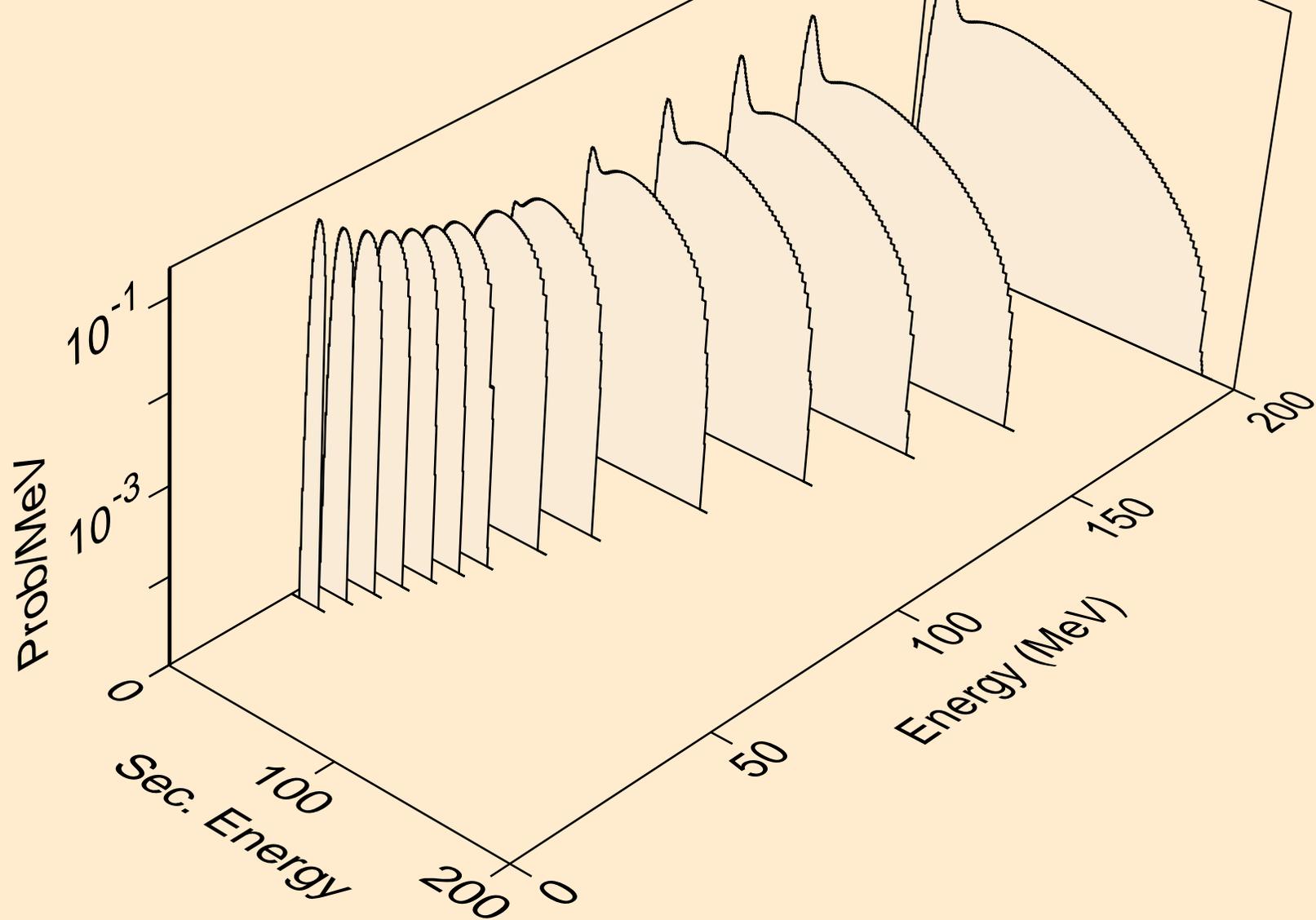protons from (a,n*)p

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
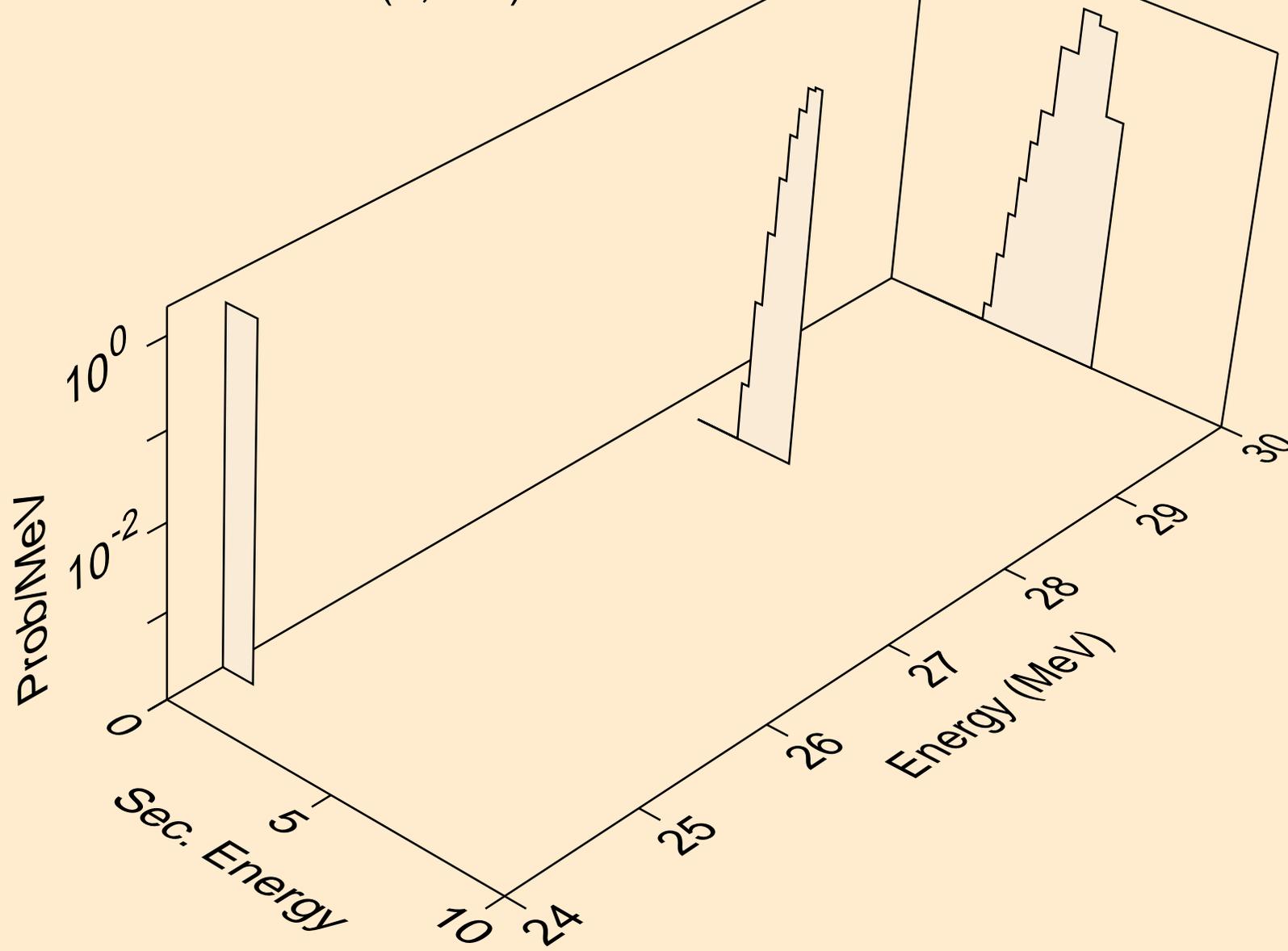protons from (a,2np)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
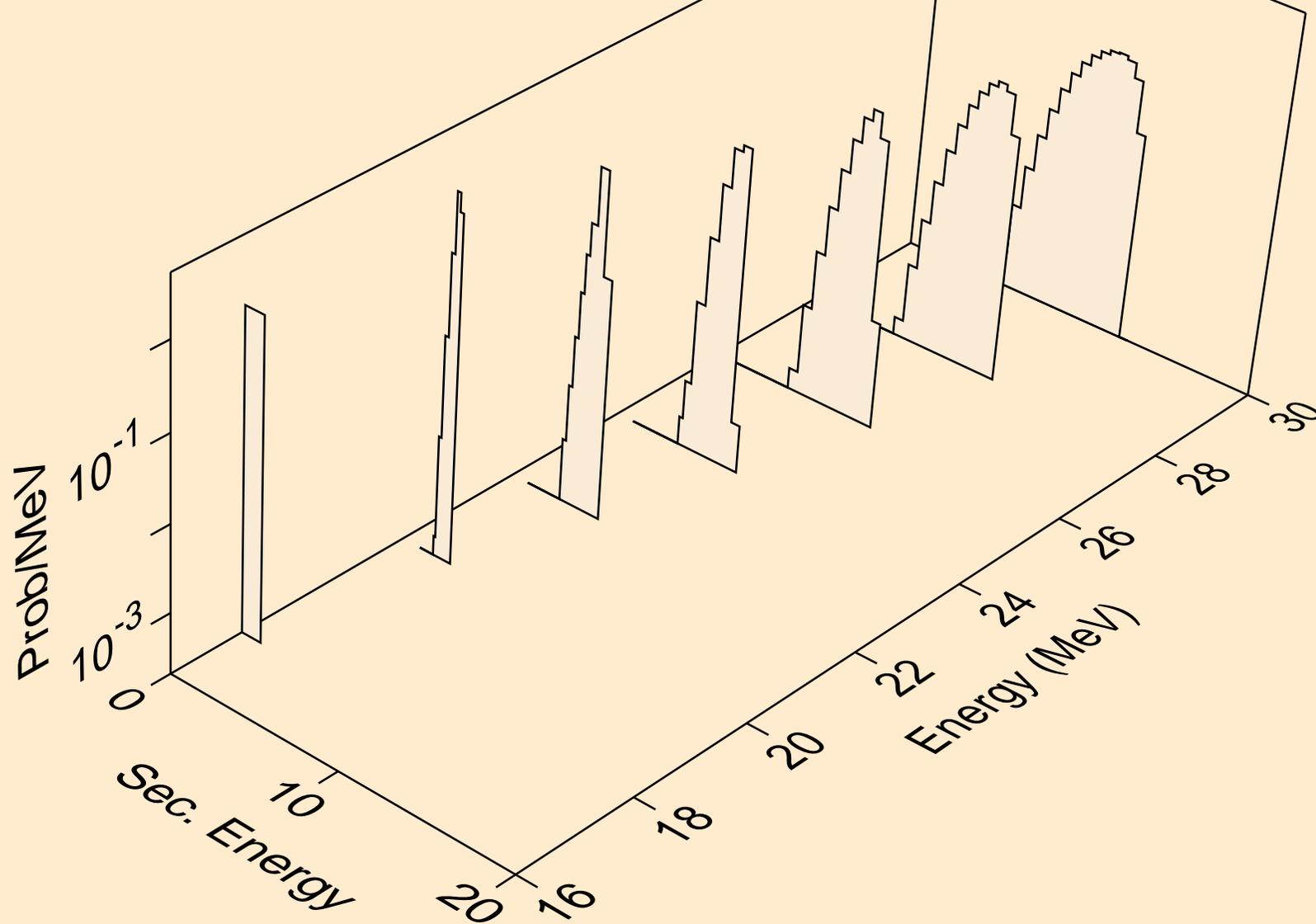protons from (a,p)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
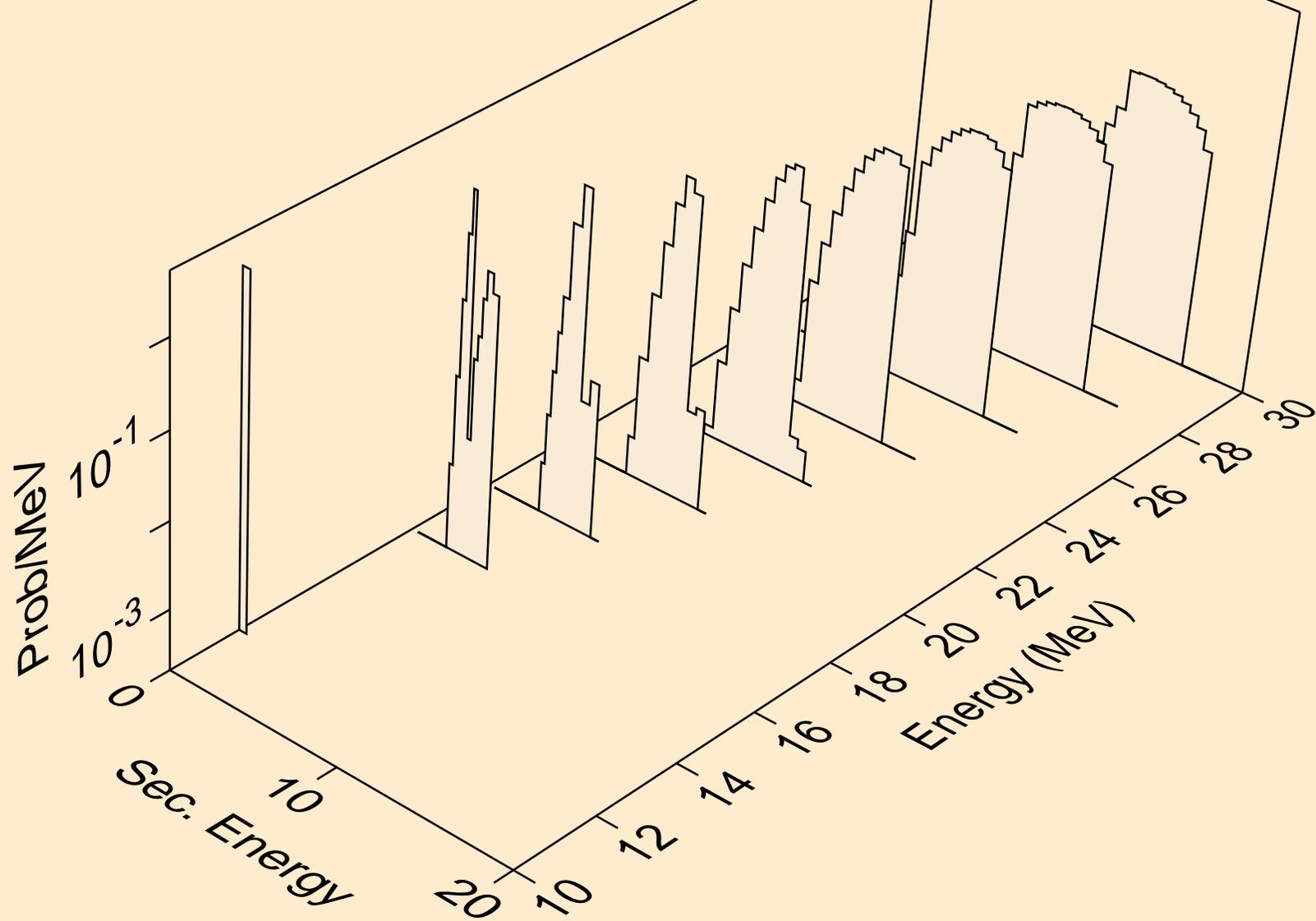deuterons from (a,x)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
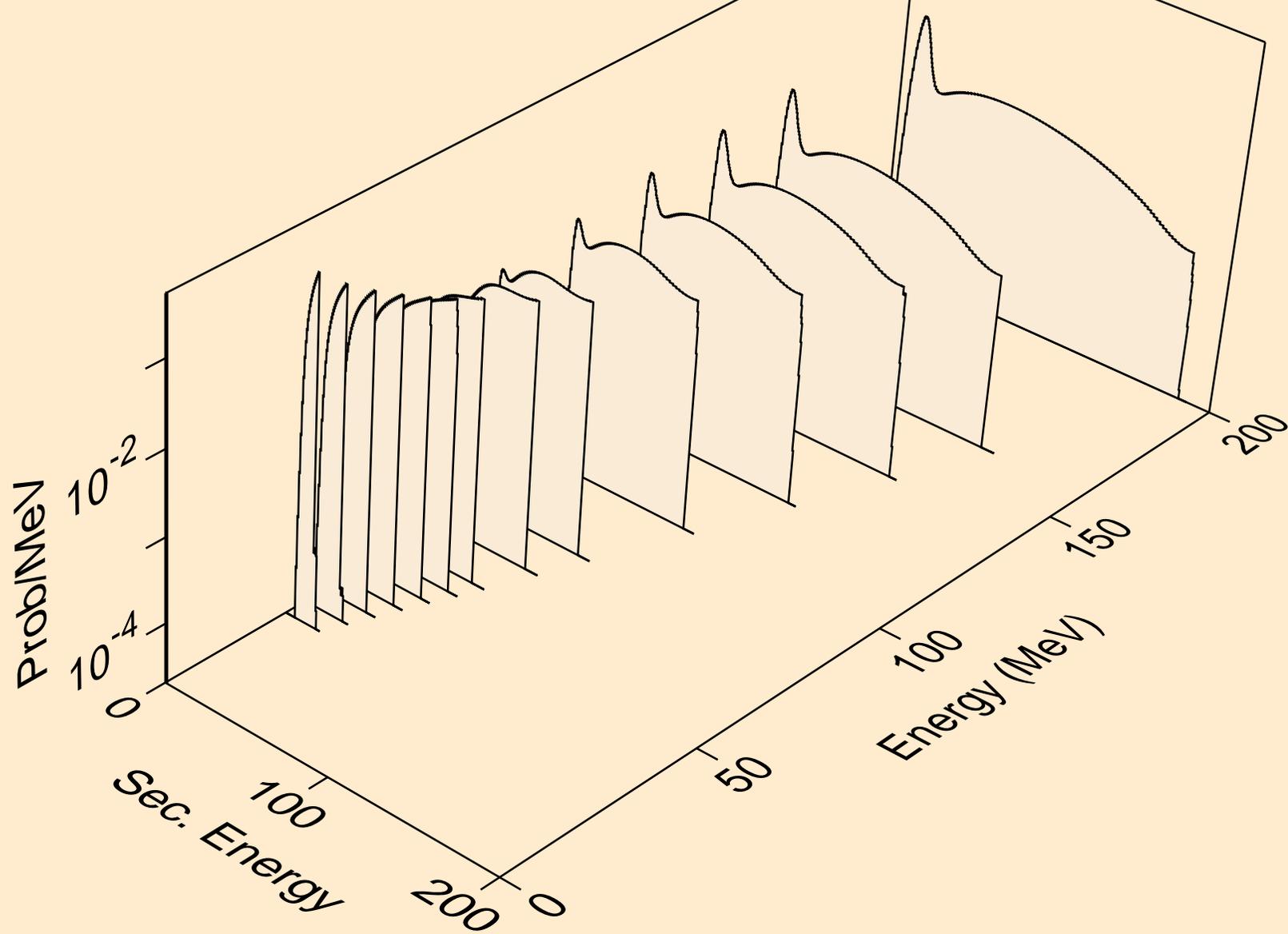deuterons from (a,2nd)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
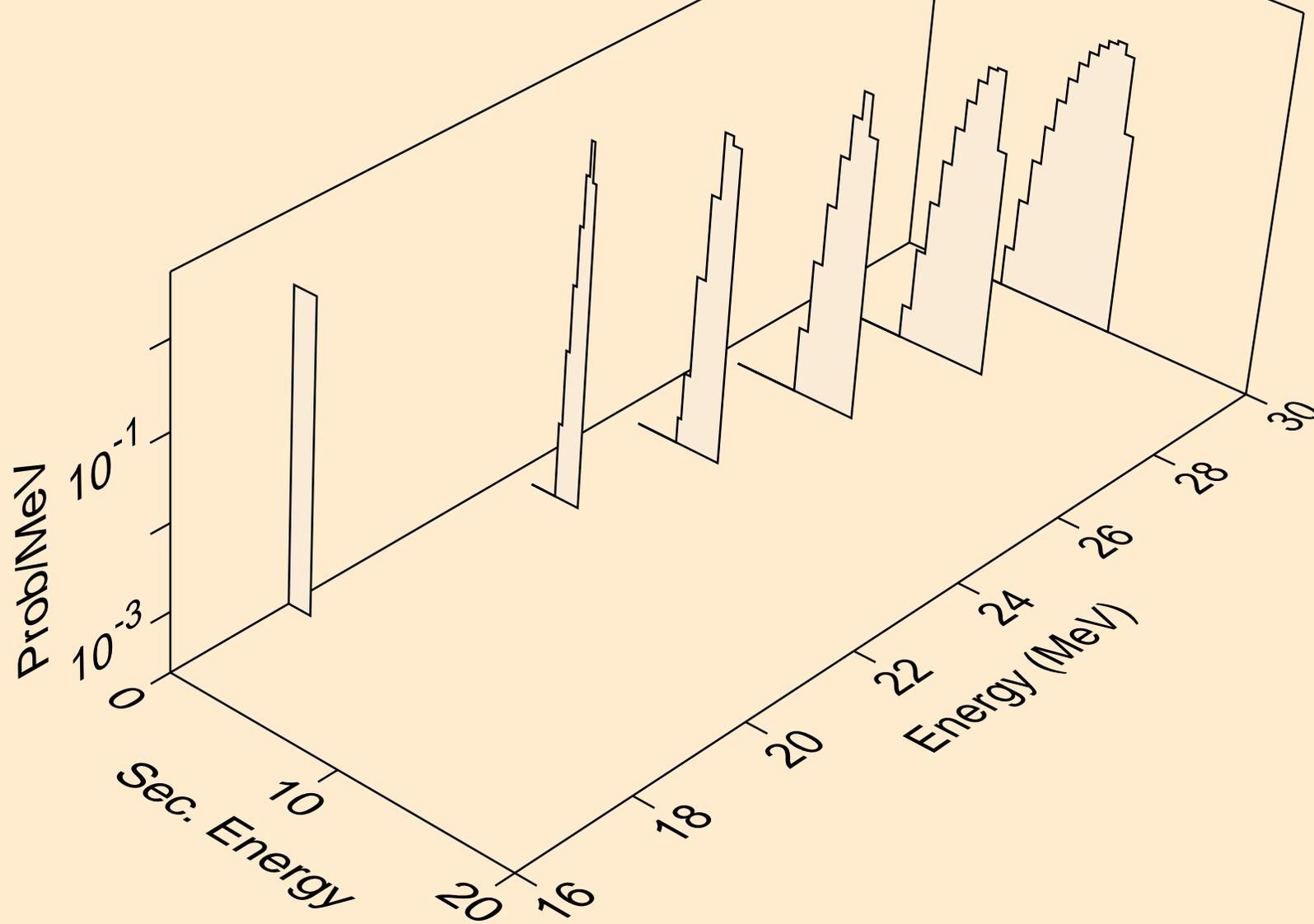deuterons from (a,n*)d

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
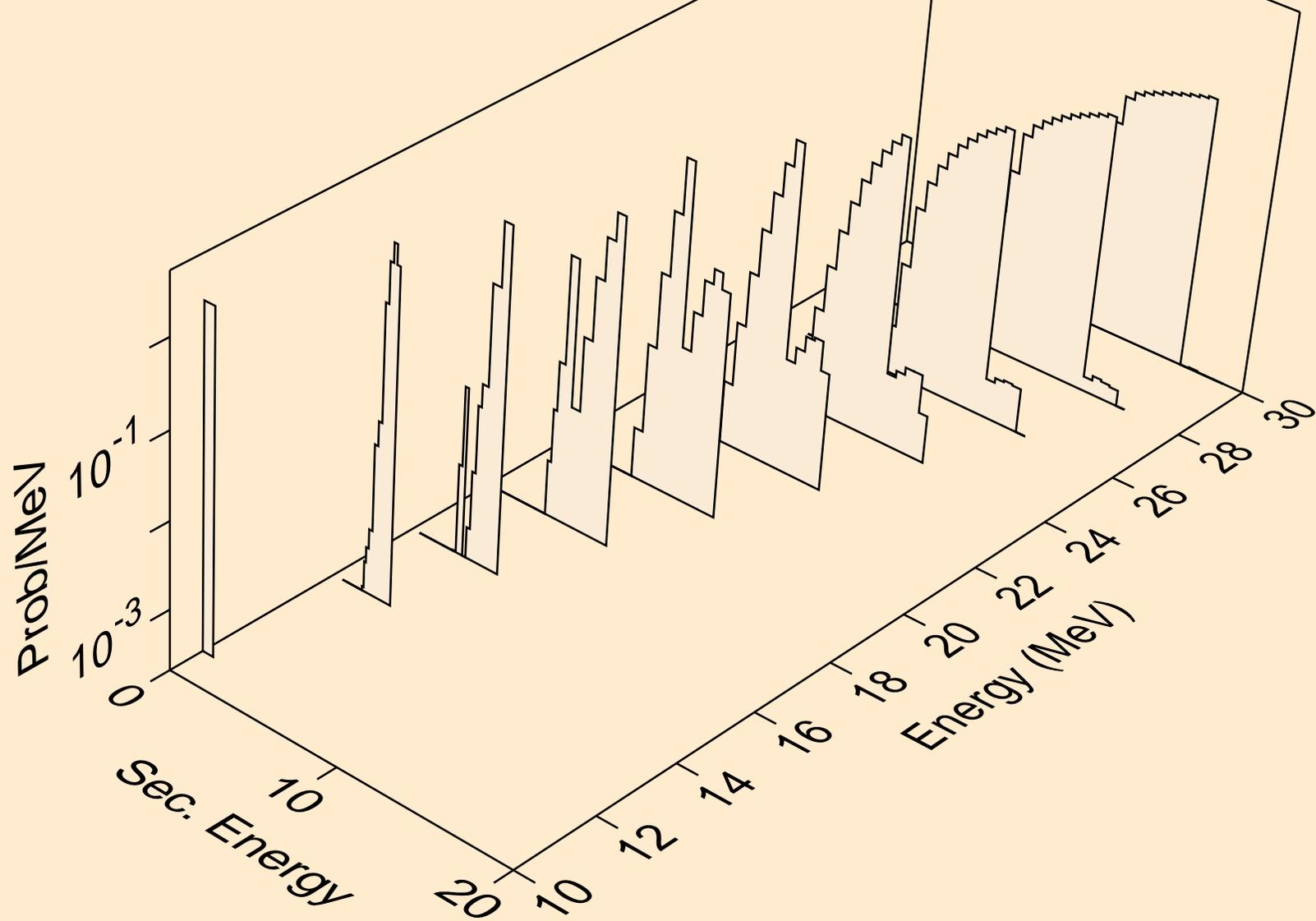deuterons from (a,d)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
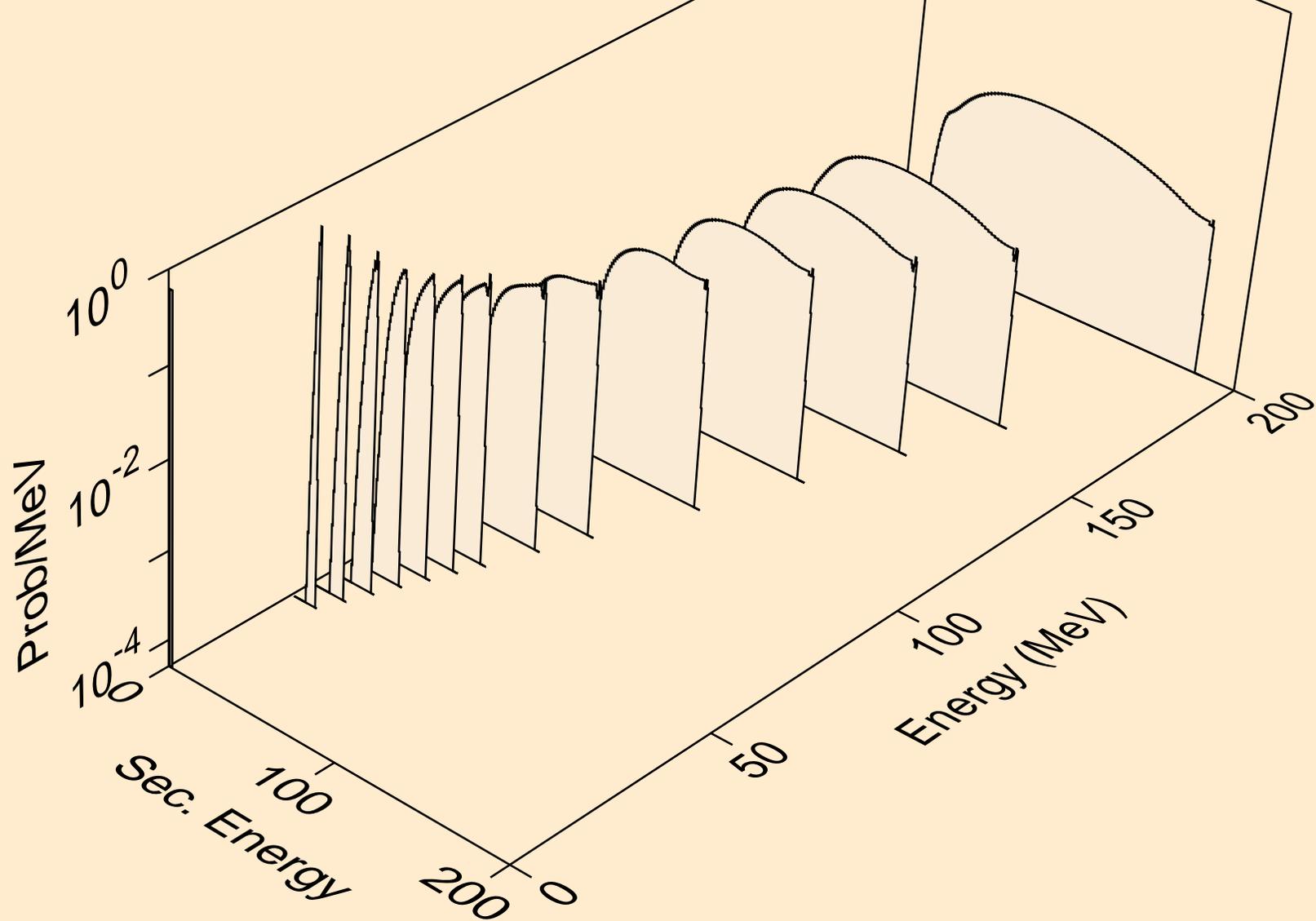tritons from (a,x)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)

TB165 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)