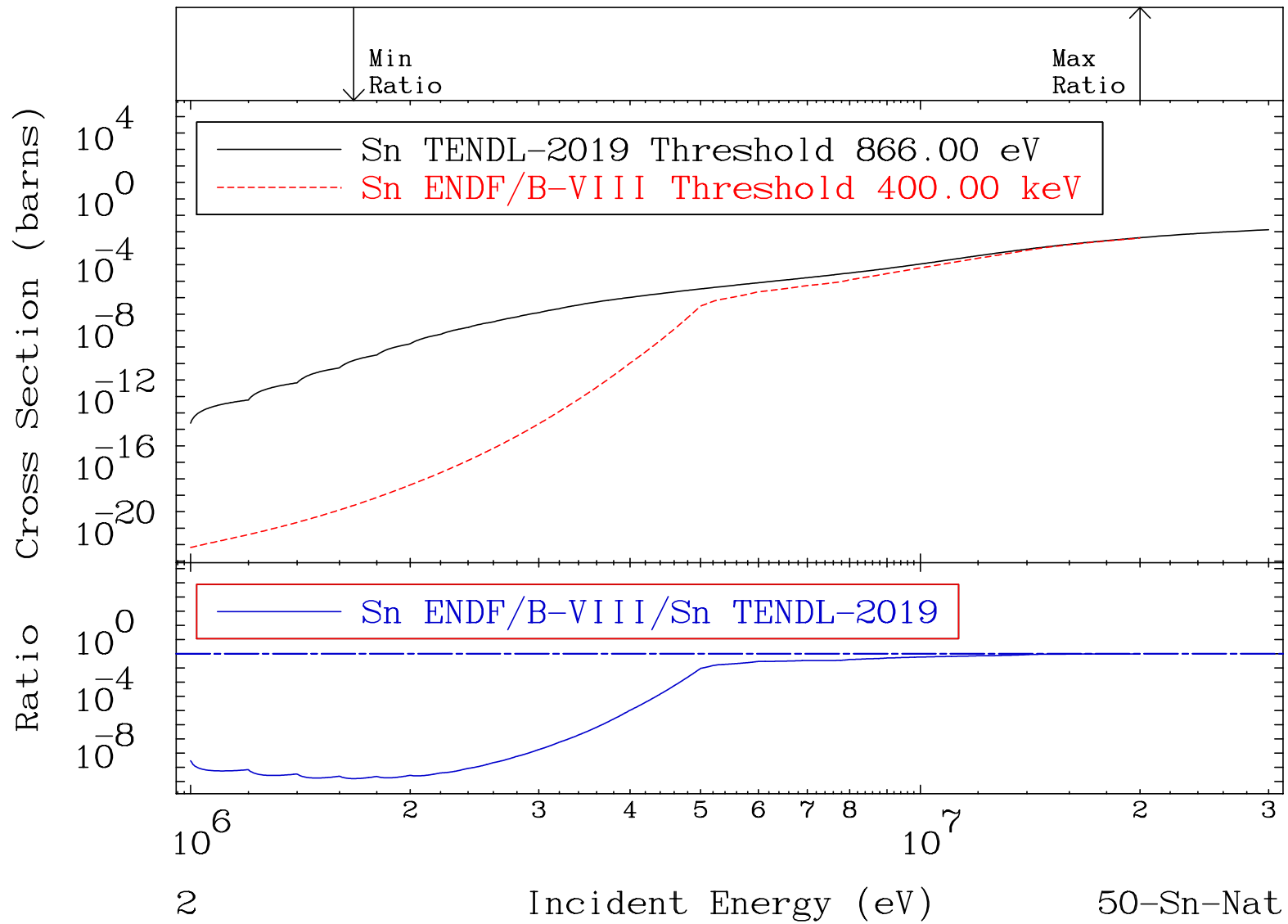


MAT 5000

Hydrogen Production

50-Sn-Nat

Cross Section -100.0 To -4.510%



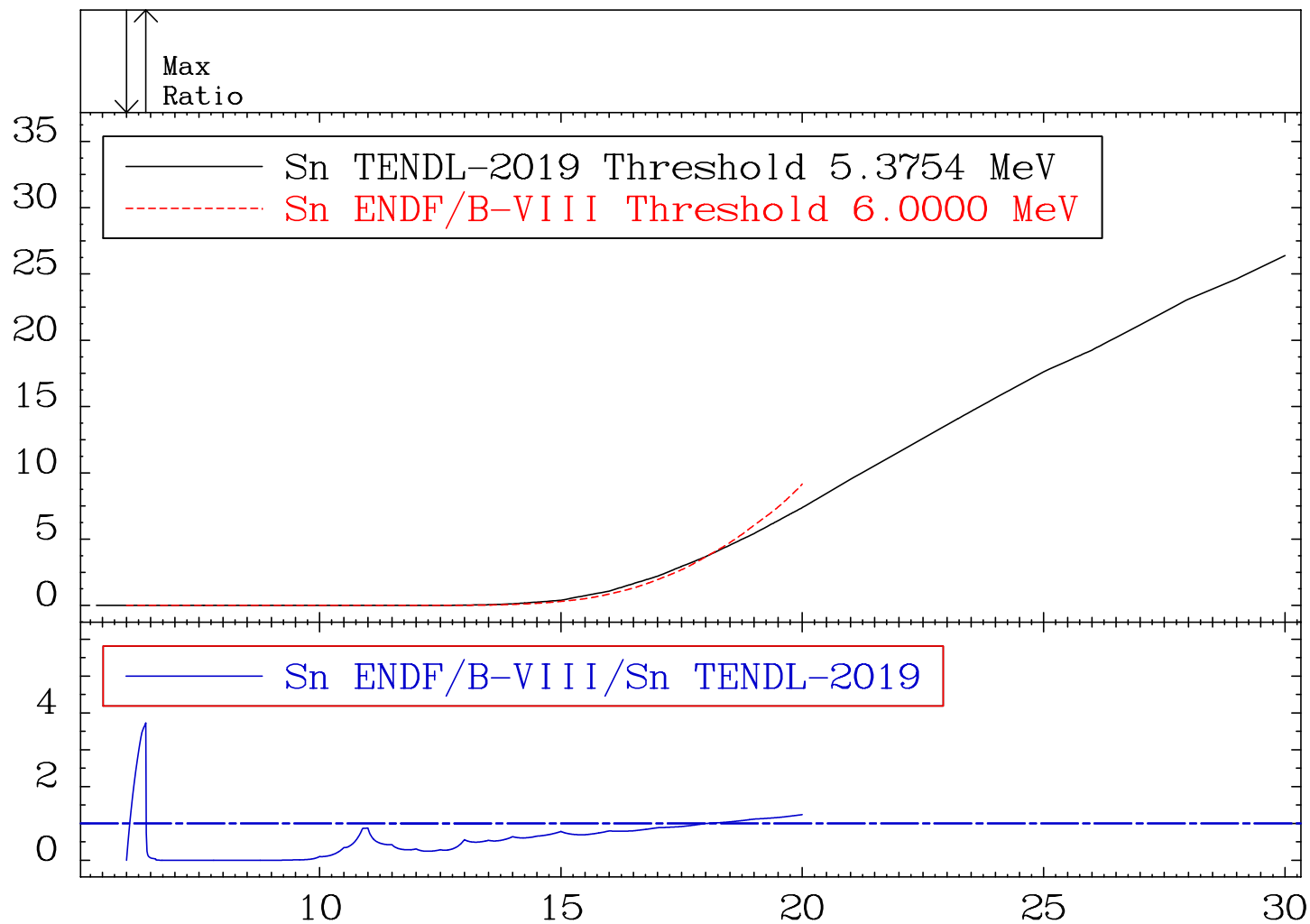
MAT 5000

Deuterium Production

50-Sn-Nat

Cross Section -100.0 To 273.1 %

RatioCross Section (milli-barns)



3

Incident Energy (MeV)

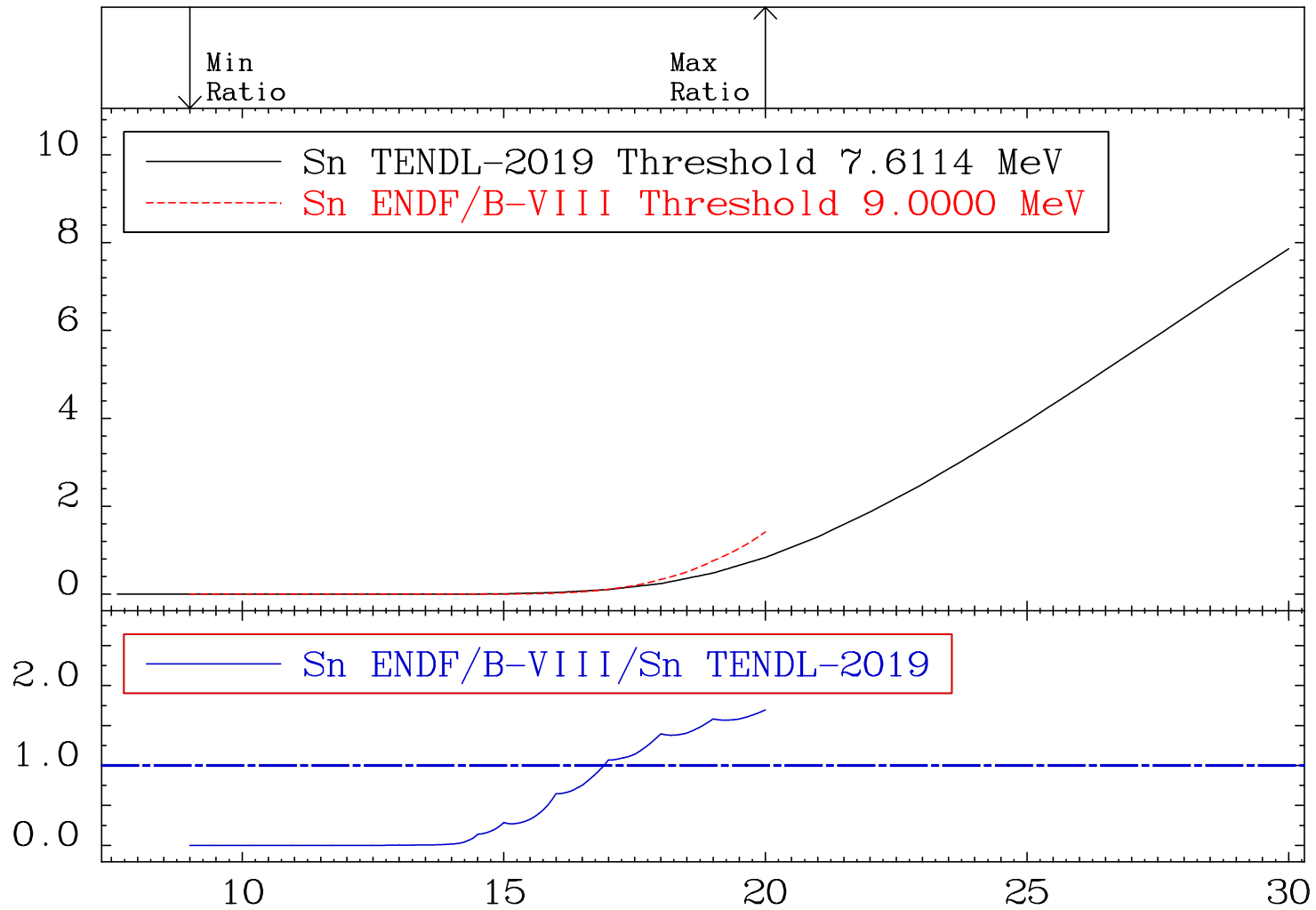
50-Sn-Nat

MAT 5000

Tritium Production  
Cross Section

50-Sn-Nat  
-100.0 To 69.56 %

RatioCross Section (milli-barns)



4

Incident Energy (MeV)

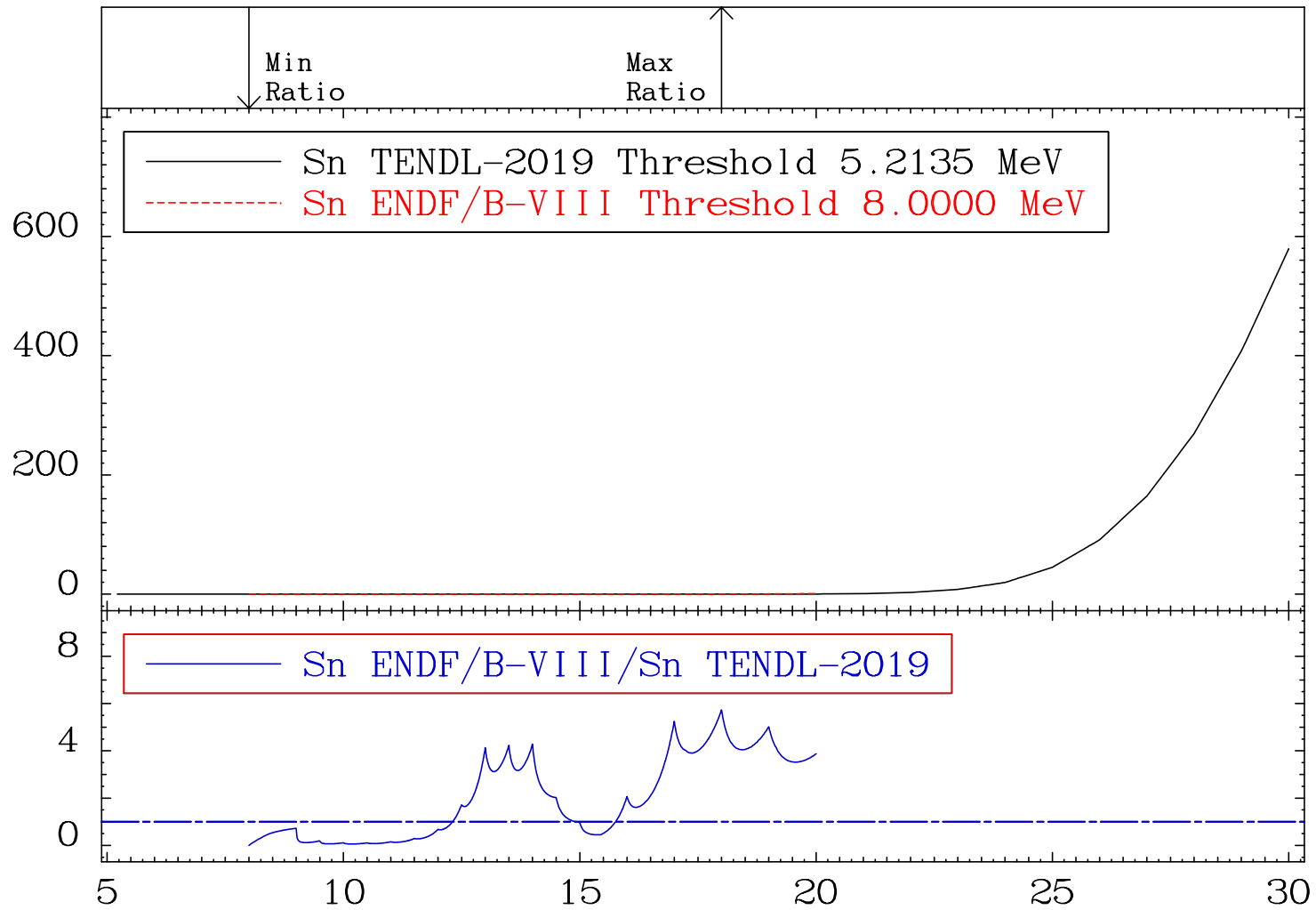
50-Sn-Nat

MAT 5000

He-3 Production  
Cross Section

50-Sn-Nat  
-100.0 To 473.2 %

RatioCross Section (micro-barns)



5

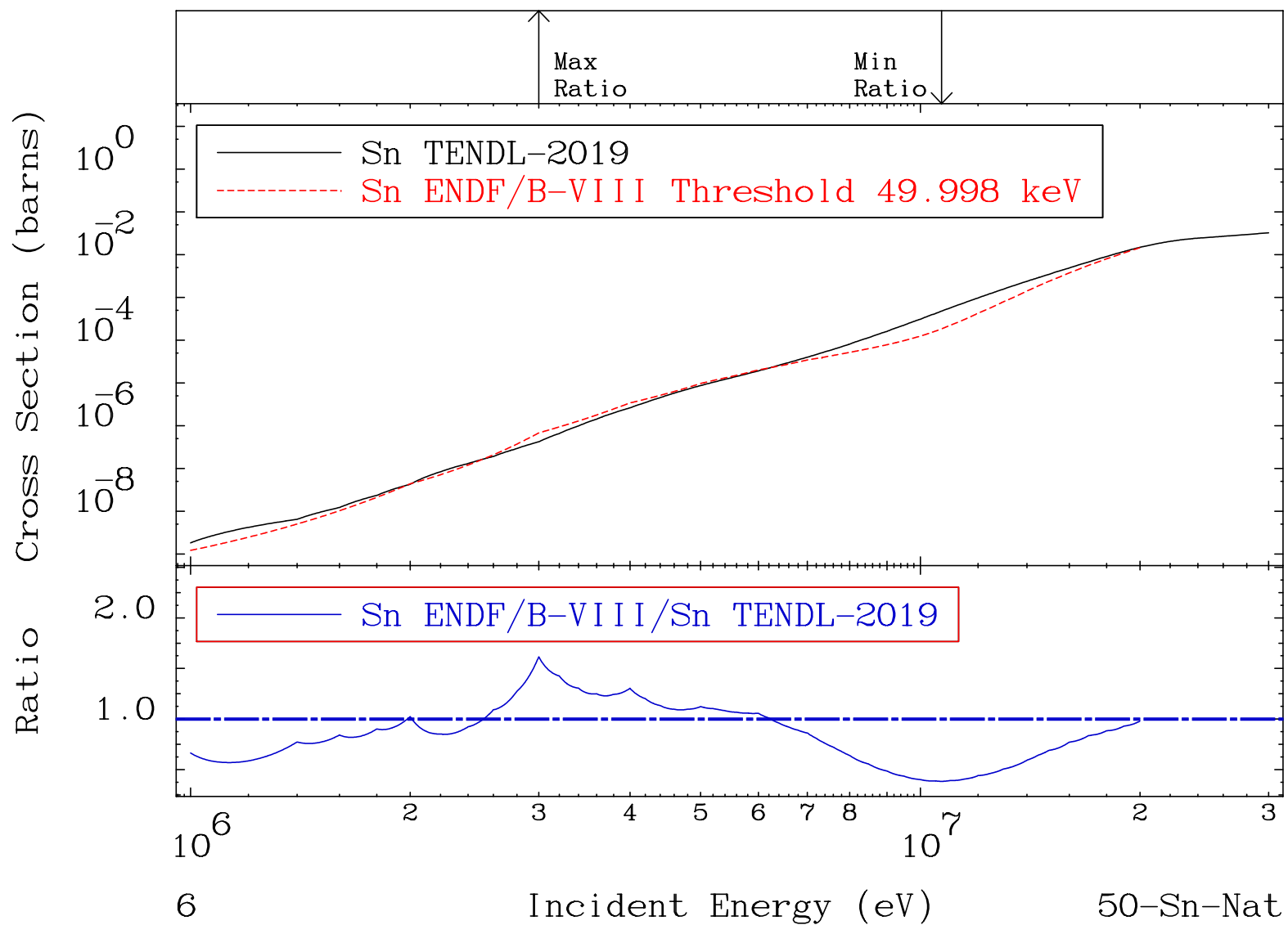
Incident Energy (MeV)

50-Sn-Nat

MAT 5000

He-4 Production  
Cross Section

50-Sn-Nat  
-61.54 To 61.56 %

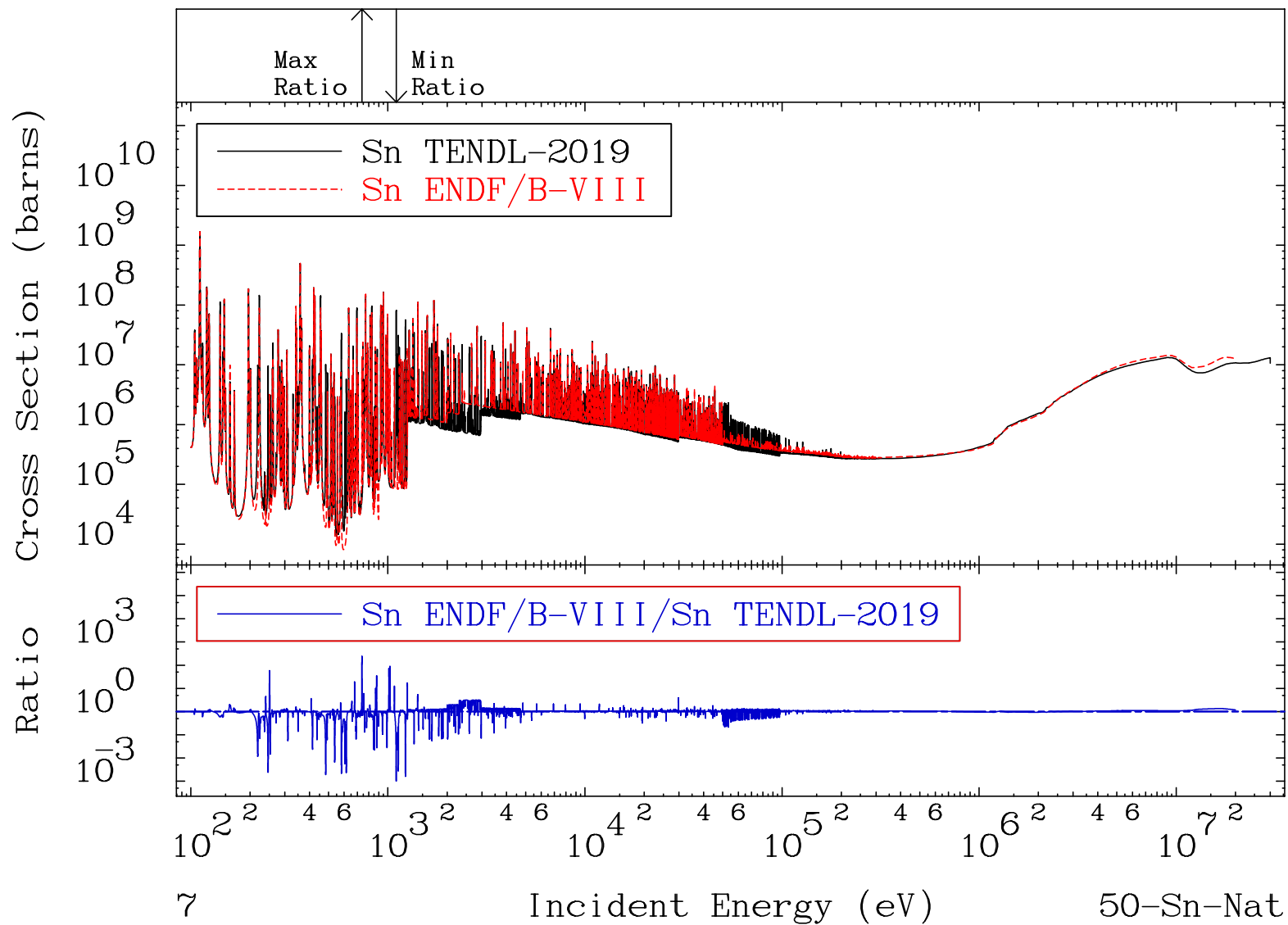


MAT 5000

Kerma total (eV-barns)

50-Sn-Nat

Cross Section -99.90 To 9999. %

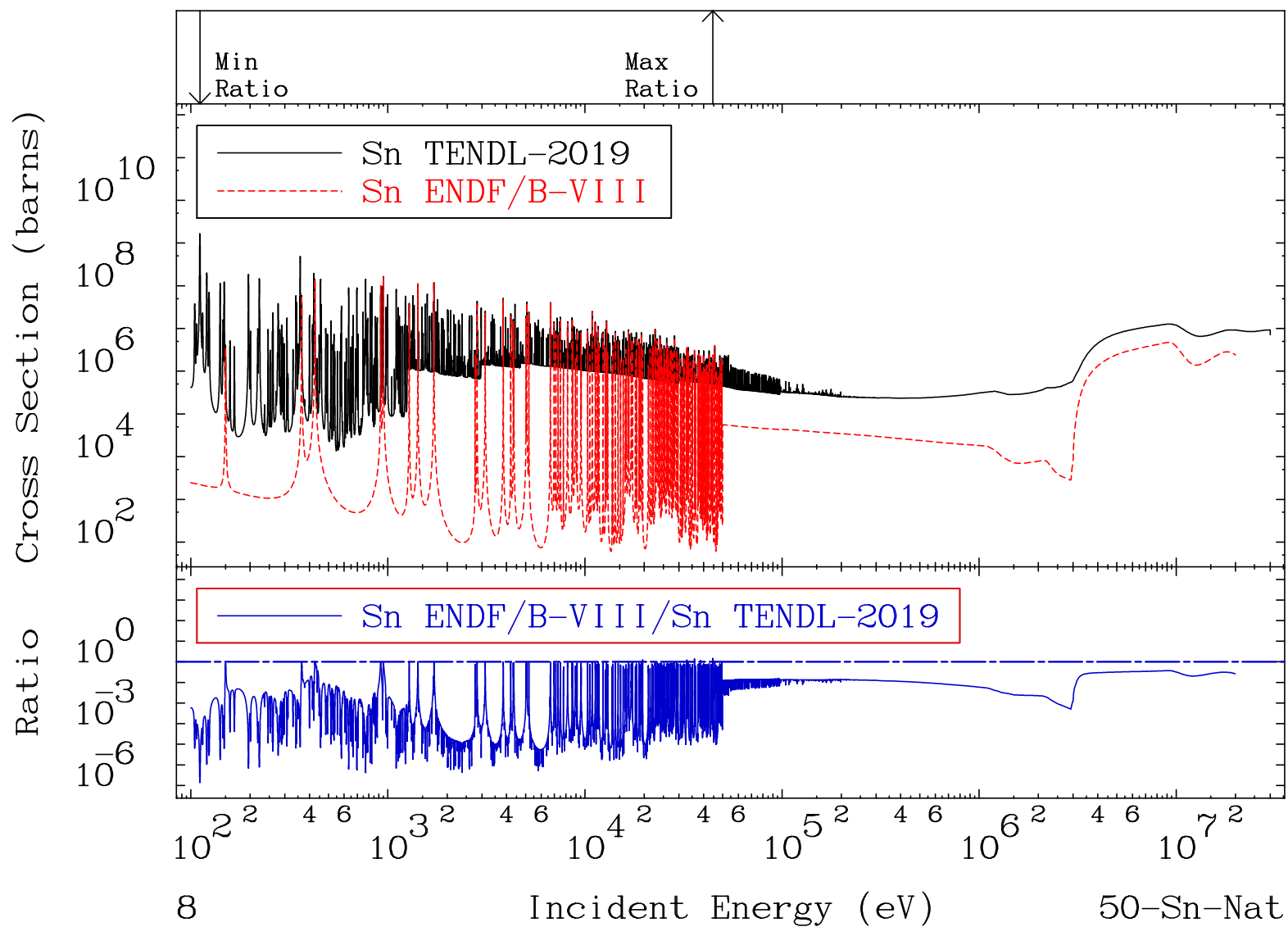


MAT 5000

Total photon (eV-barns)

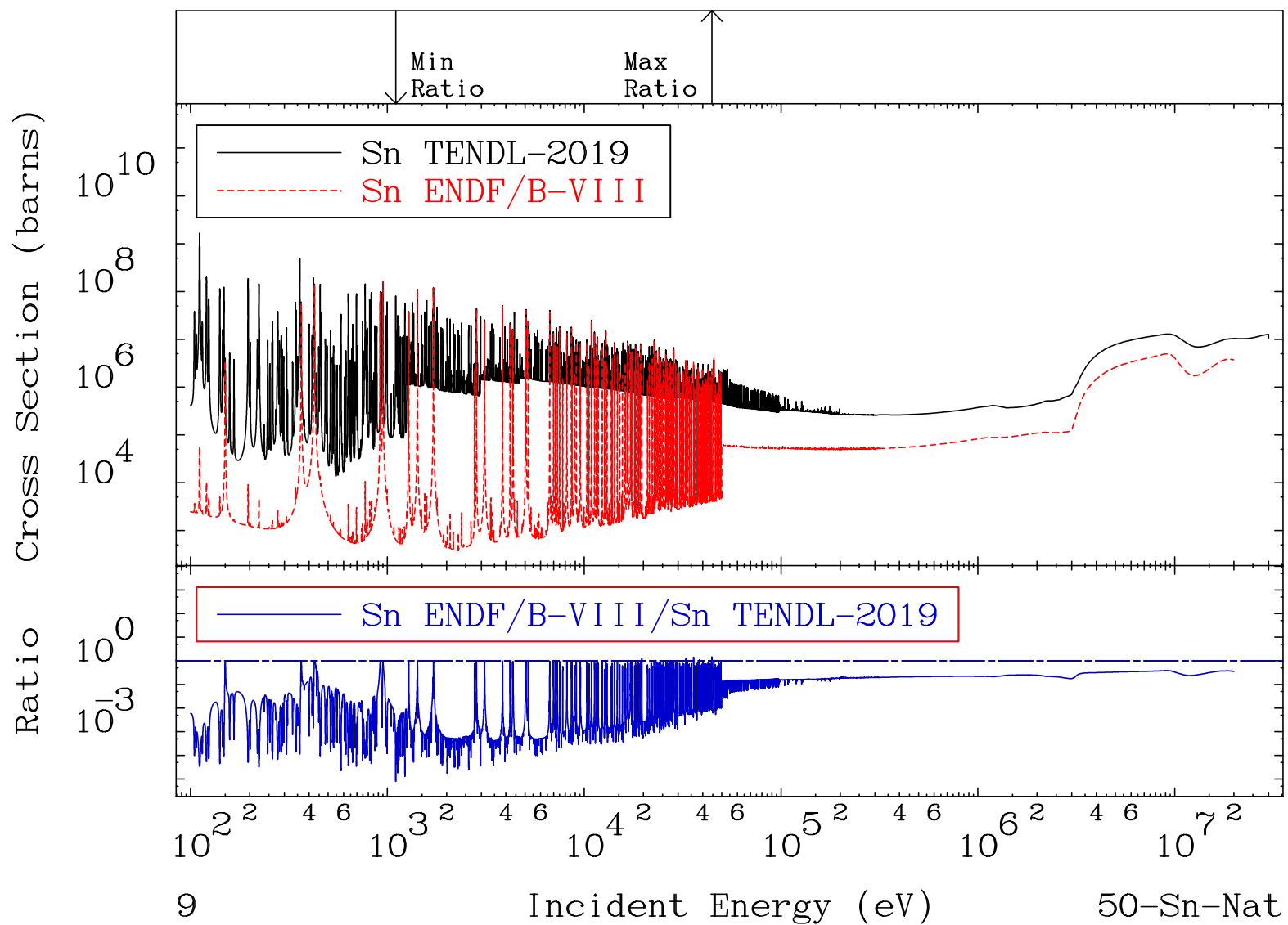
50-Sn-Nat

Cross Section -100.0 To 50.18 %





MAT 5000    Total kinematic kerma (high limit) 50-Sn-Nat  
 Cross Section    -100.0 To 48.45 %

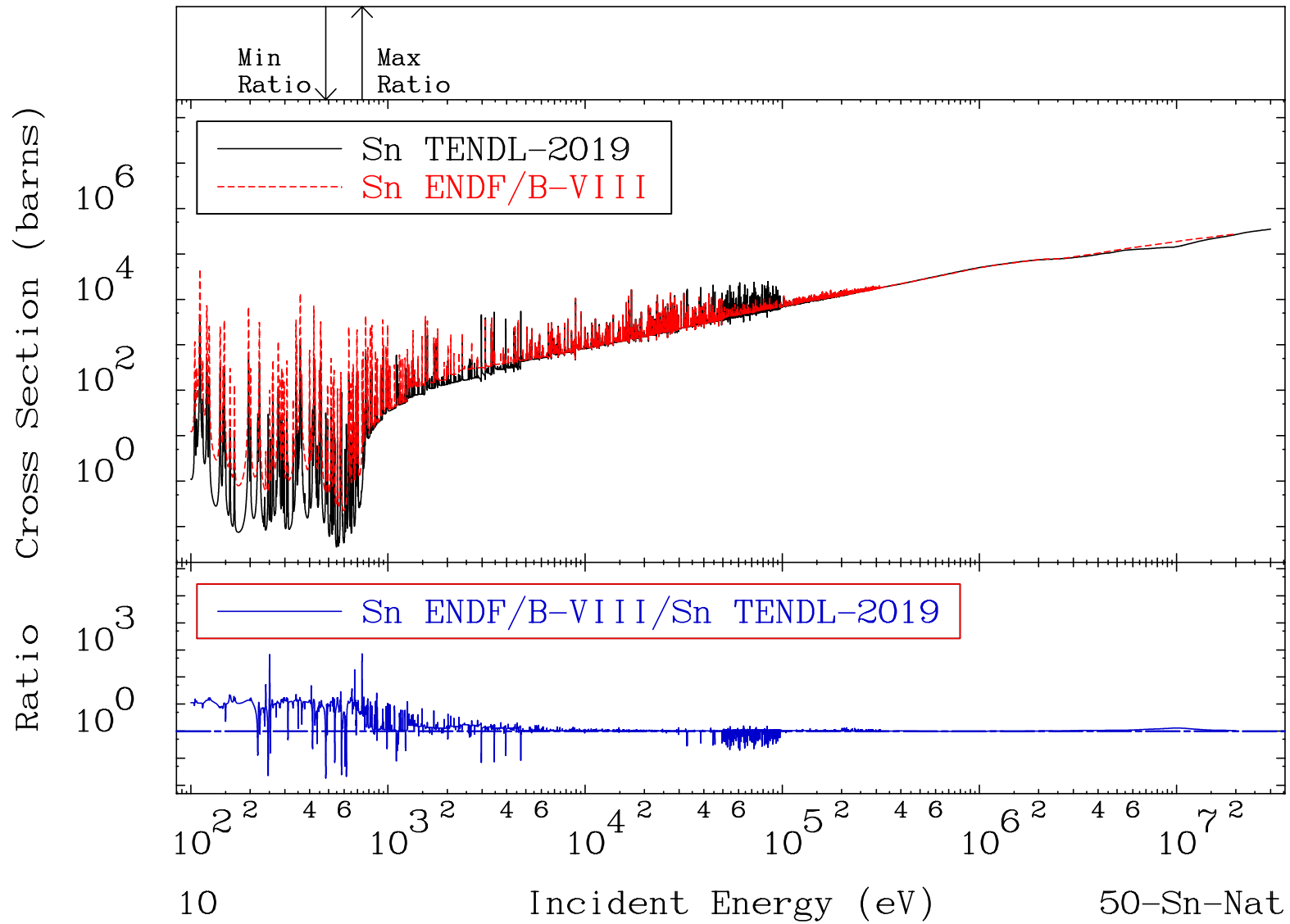


MAT 5000

Dpa total (eV-barns)

50-Sn-Nat

Cross Section -98.22 To 9999. %

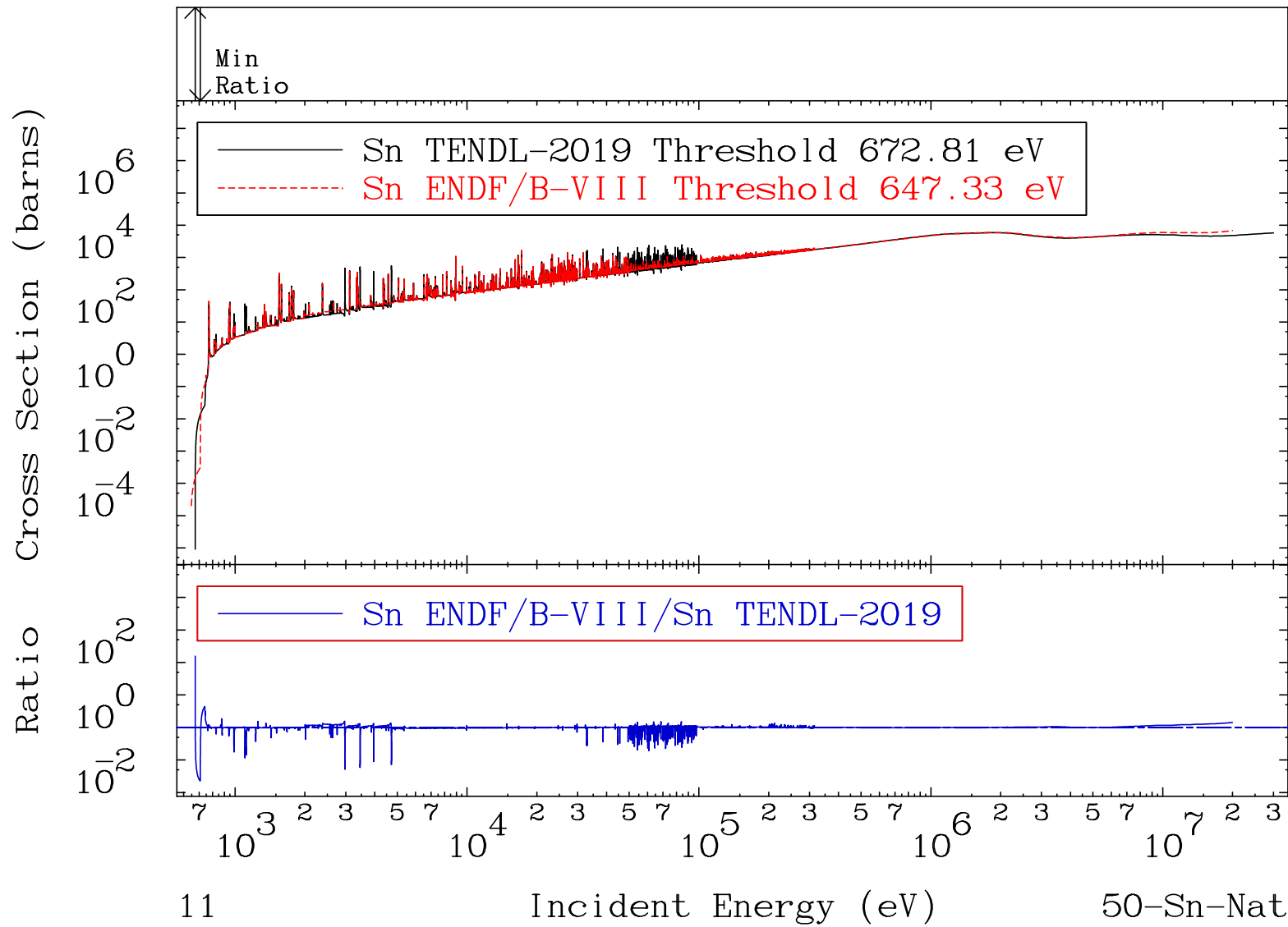


MAT 5000

Dpa elastic (mt2)

50-Sn-Nat

Cross Section -97.76 To 9999. %

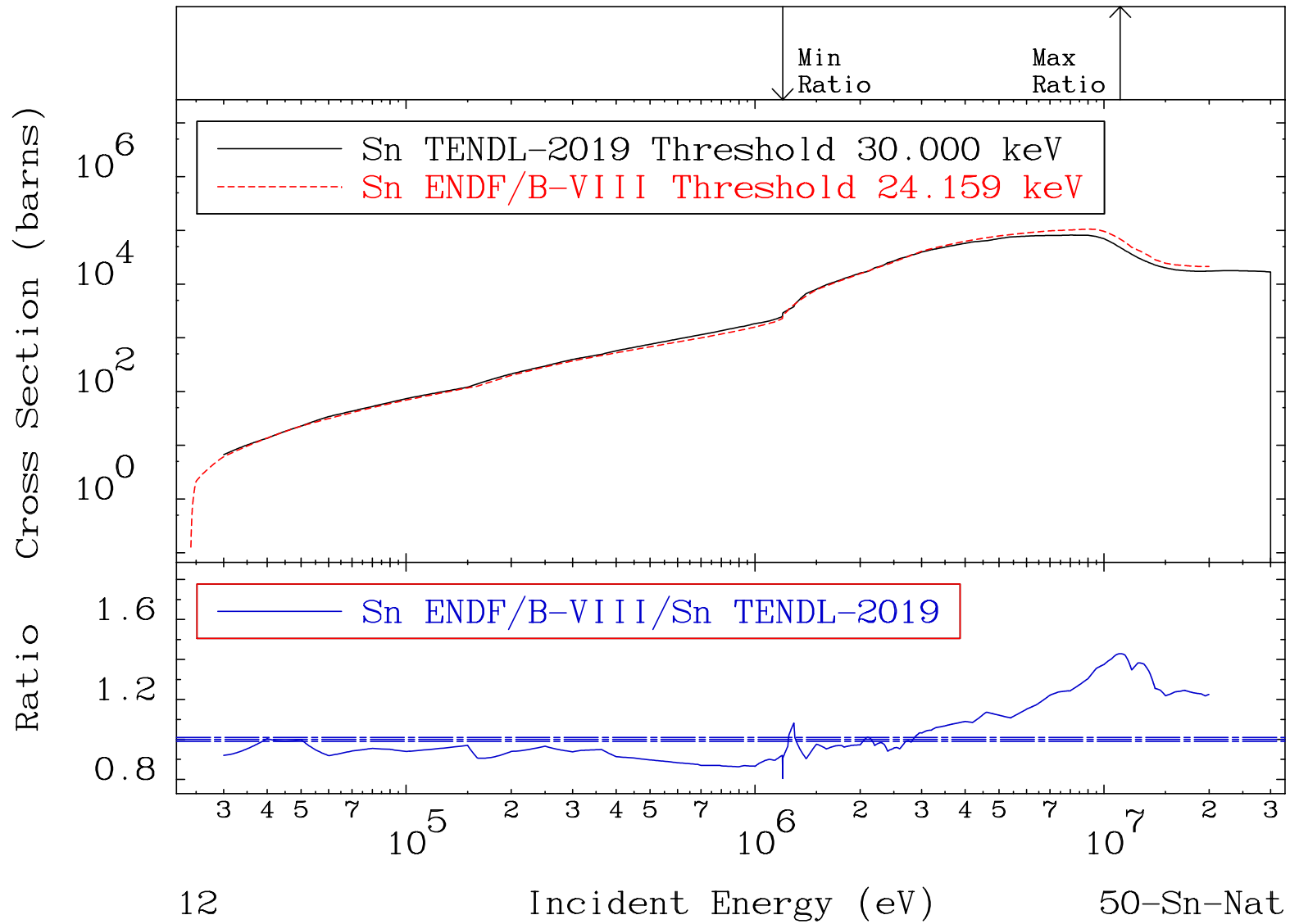


MAT 5000

Dpa inelastic (mt51-91)

50-Sn-Nat

Cross Section -19.55 To 42.87 %



MAT 5000      Dpa disappearance (mt102 -120)      50-Sn-Nat  
 Cross Section      -98.62 To 9999. %

