

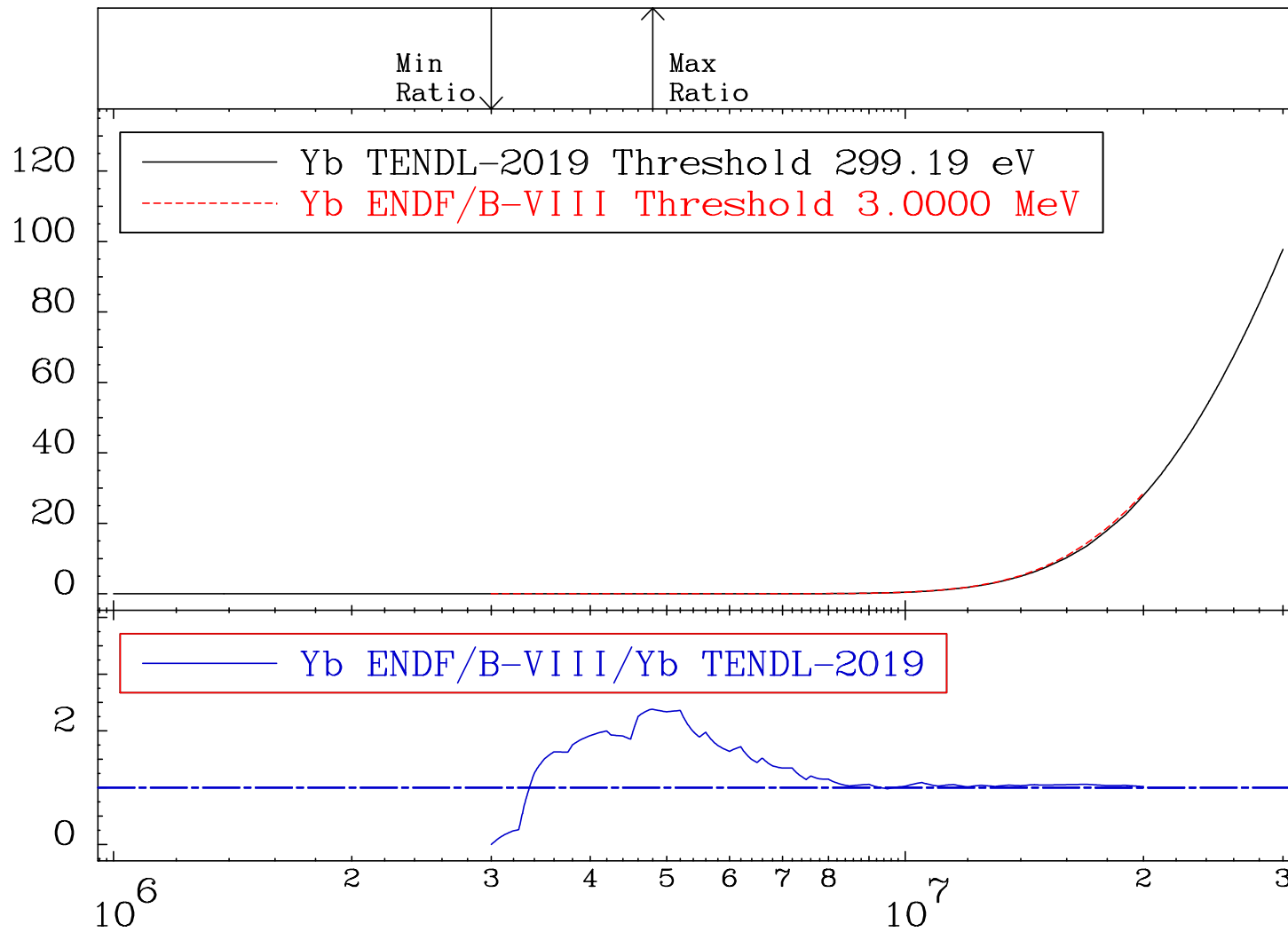
MAT 7000

Hydrogen Production

$^{70}\text{Yb-Nat}$

Cross Section -100.0 To 138.1 %

RatioCross Section (milli-barns)



2

Incident Energy (eV)

$^{70}\text{Yb-Nat}$

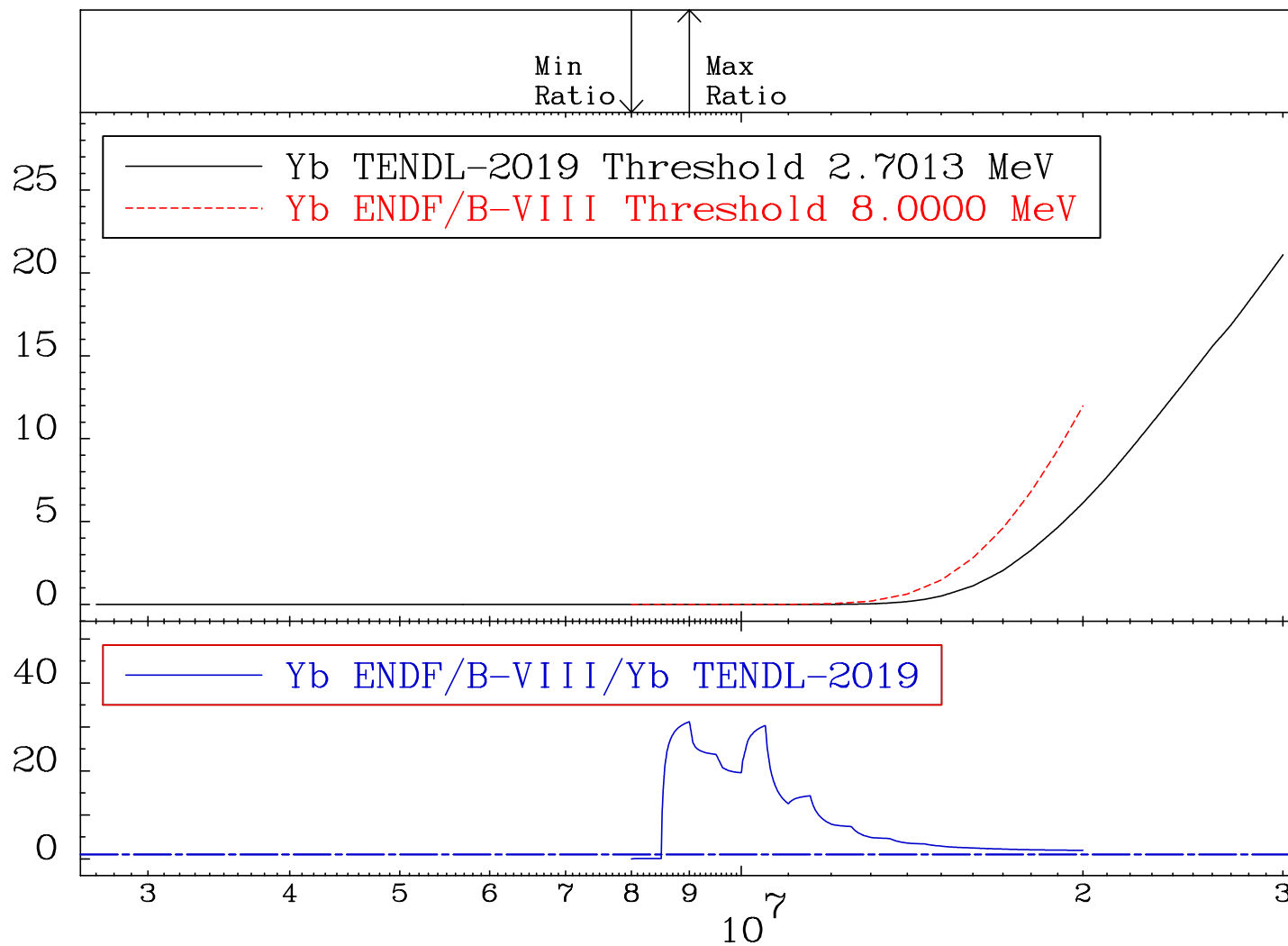
MAT 7000

Deuterium Production

$^{70}\text{Yb-Nat}$

Cross Section -100.0 To 3019. %

RatioCross Section (milli-barns)



3

Incident Energy (eV)

$^{70}\text{Yb-Nat}$

MAT 7000

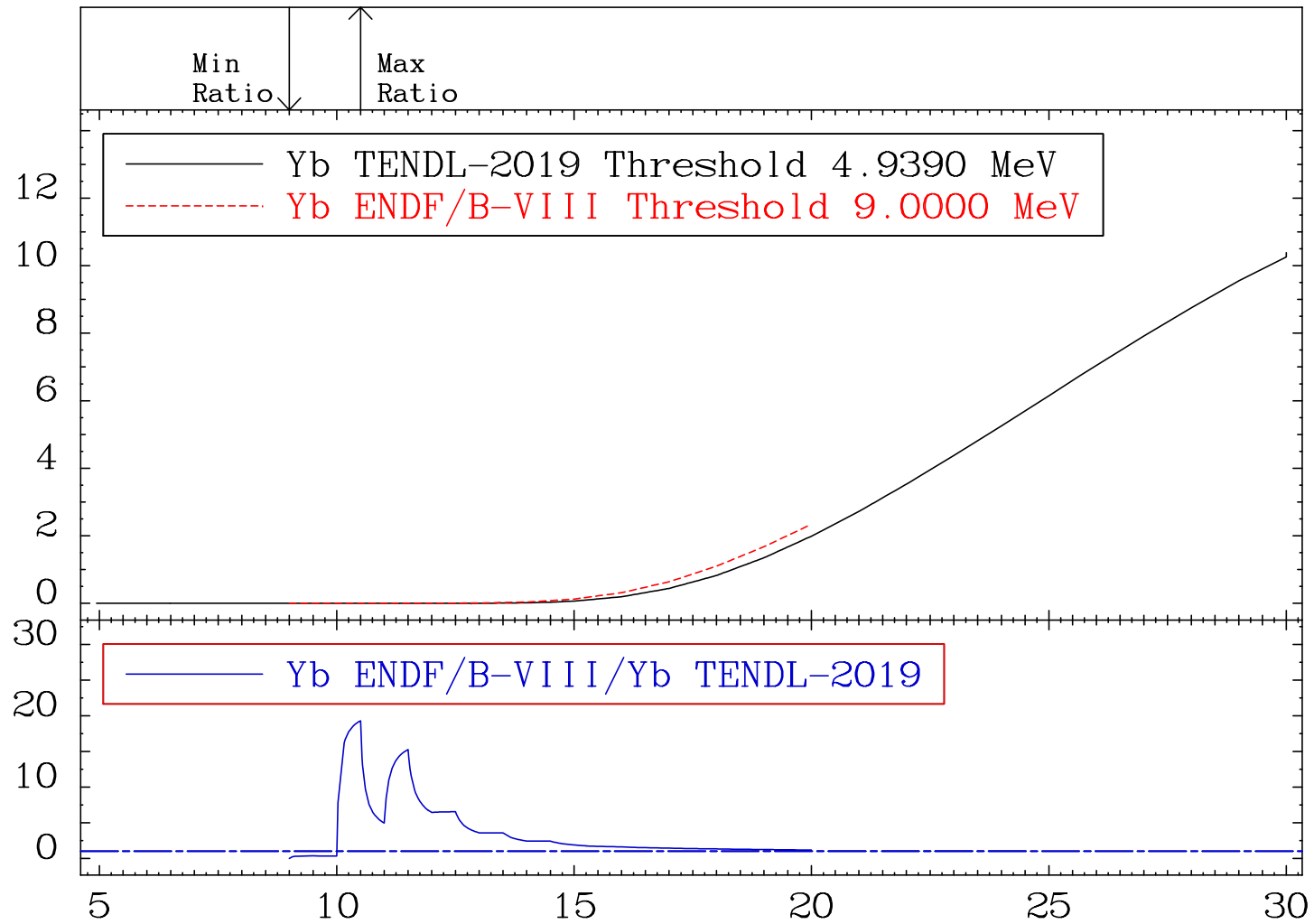
Tritium Production

⁷⁰Yb-Nat

Cross Section

-100.0 To 1829. %

RatioCross Section (milli-barns)



4

Incident Energy (MeV)

⁷⁰Yb-Nat

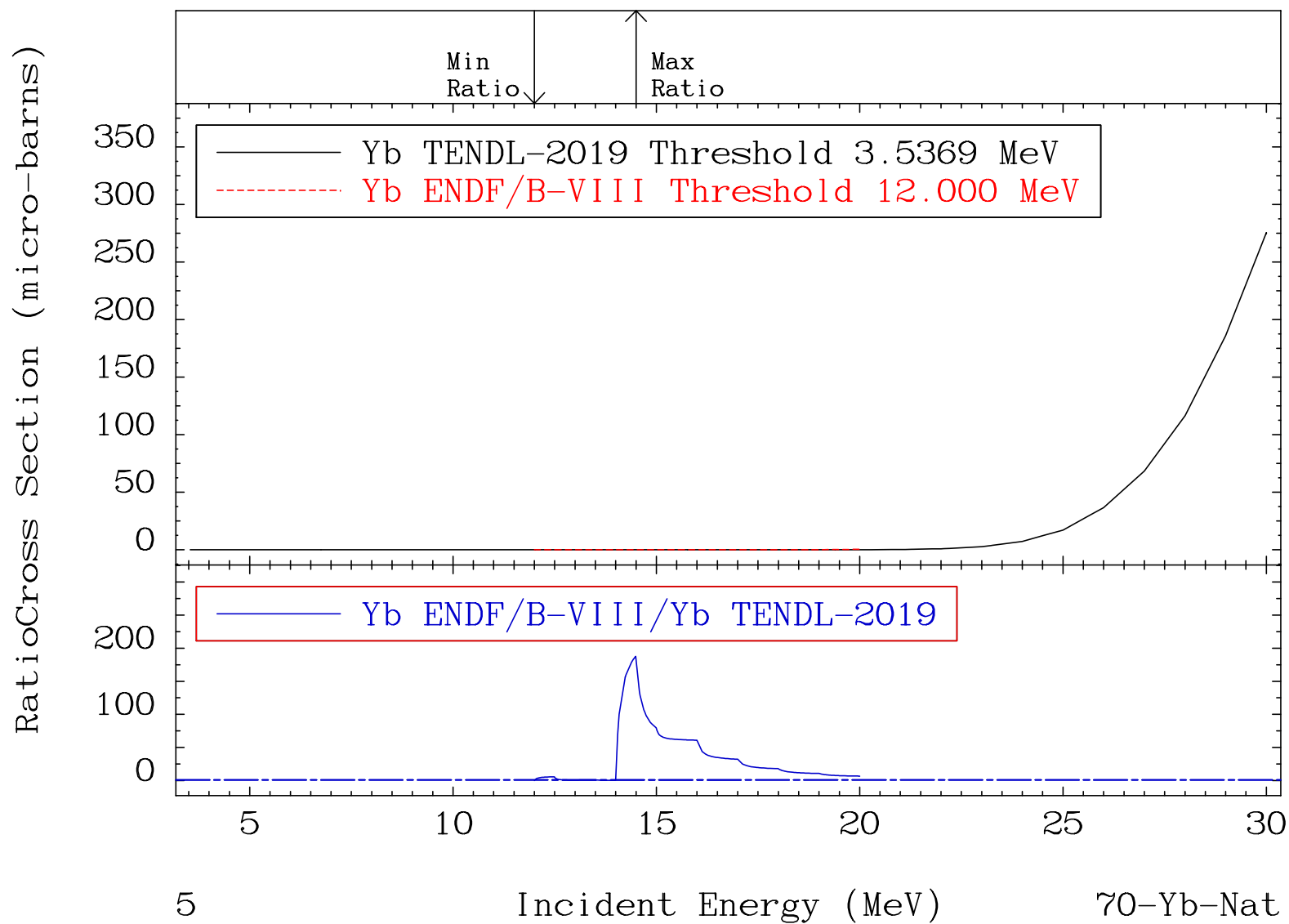
MAT 7000

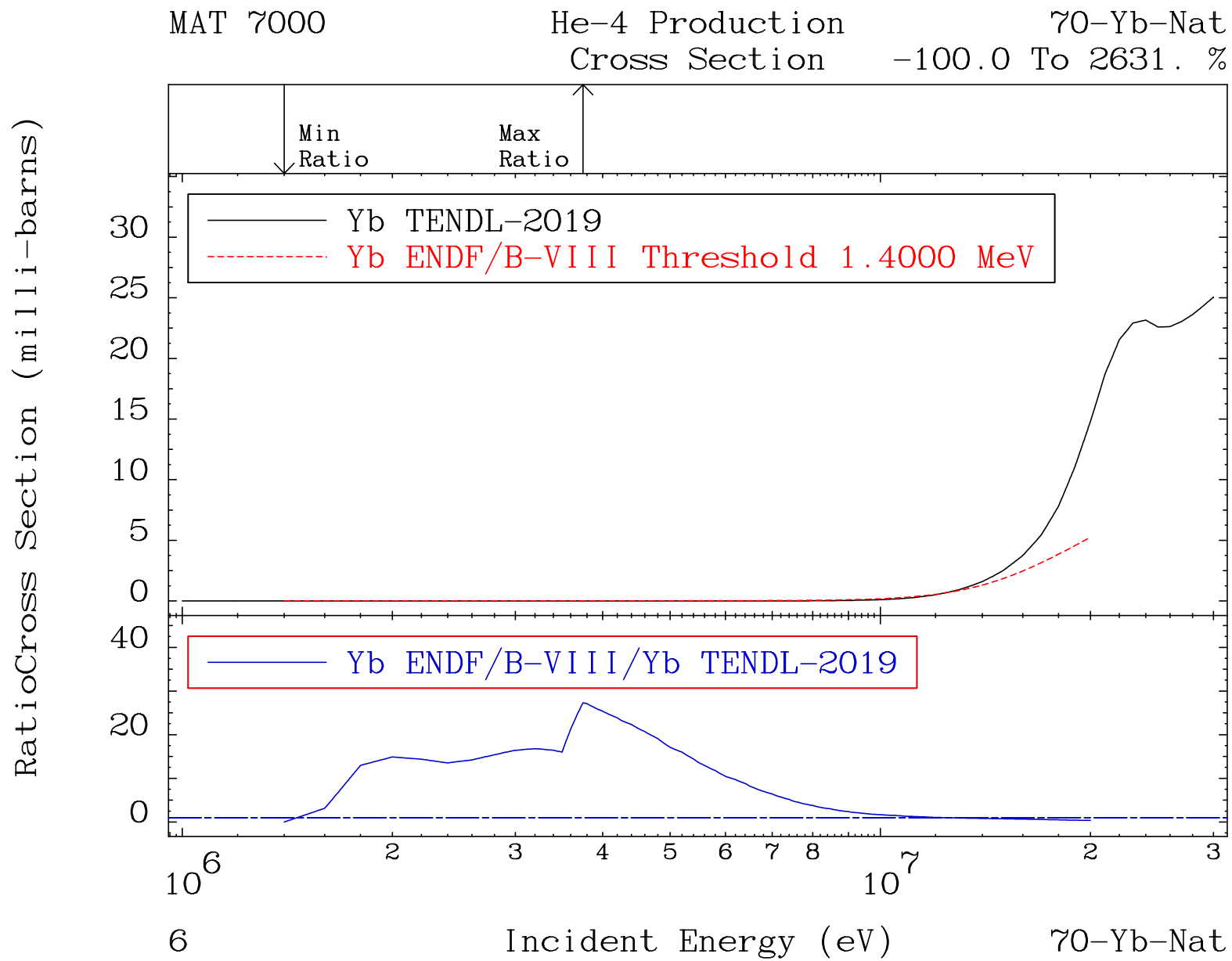
He-3 Production

70-Yb-Nat

Cross Section

-100.0 To 9999. %



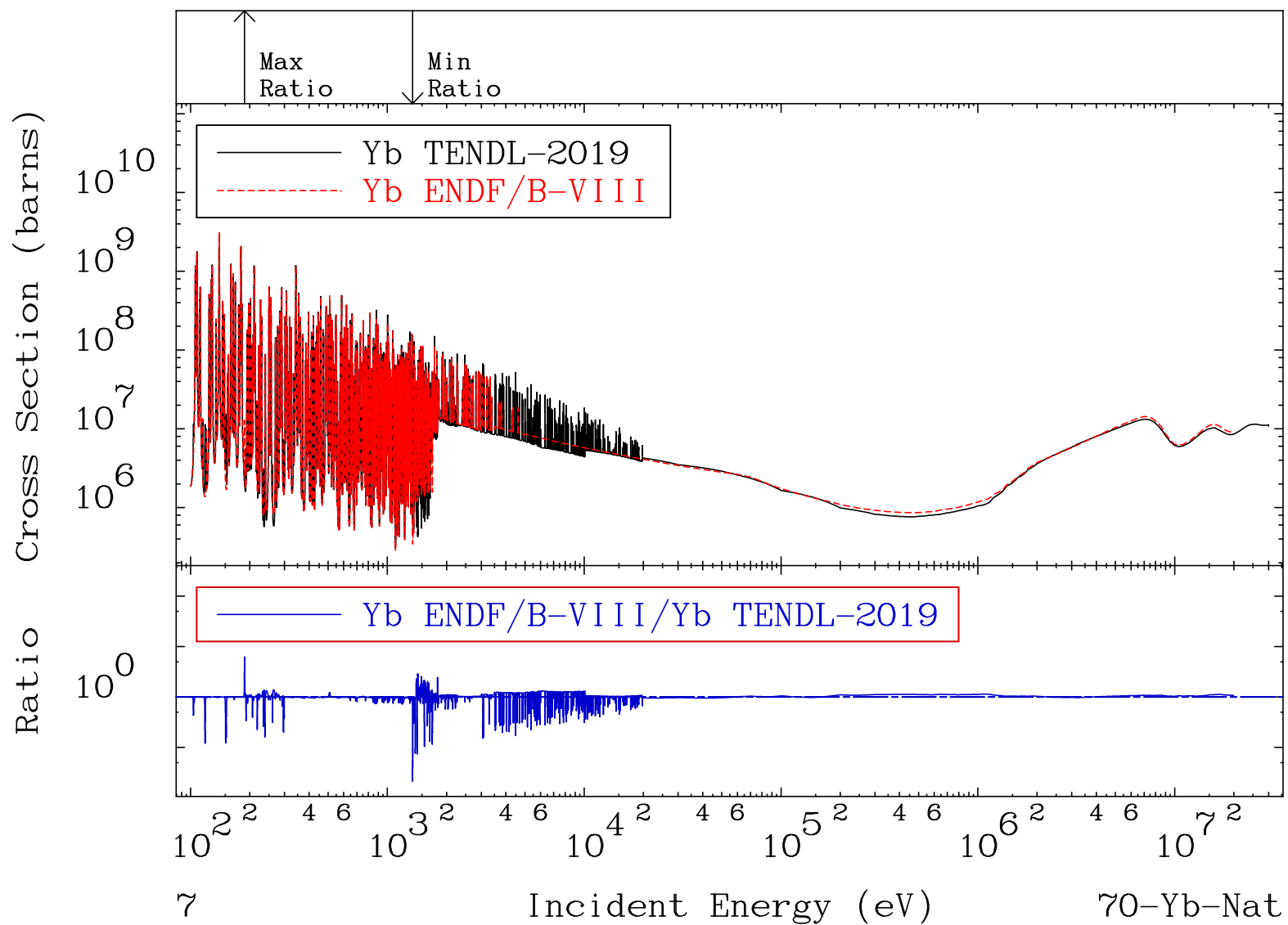


MAT 7000

Kerma total (eV-barns)

⁷⁰Yb-Nat

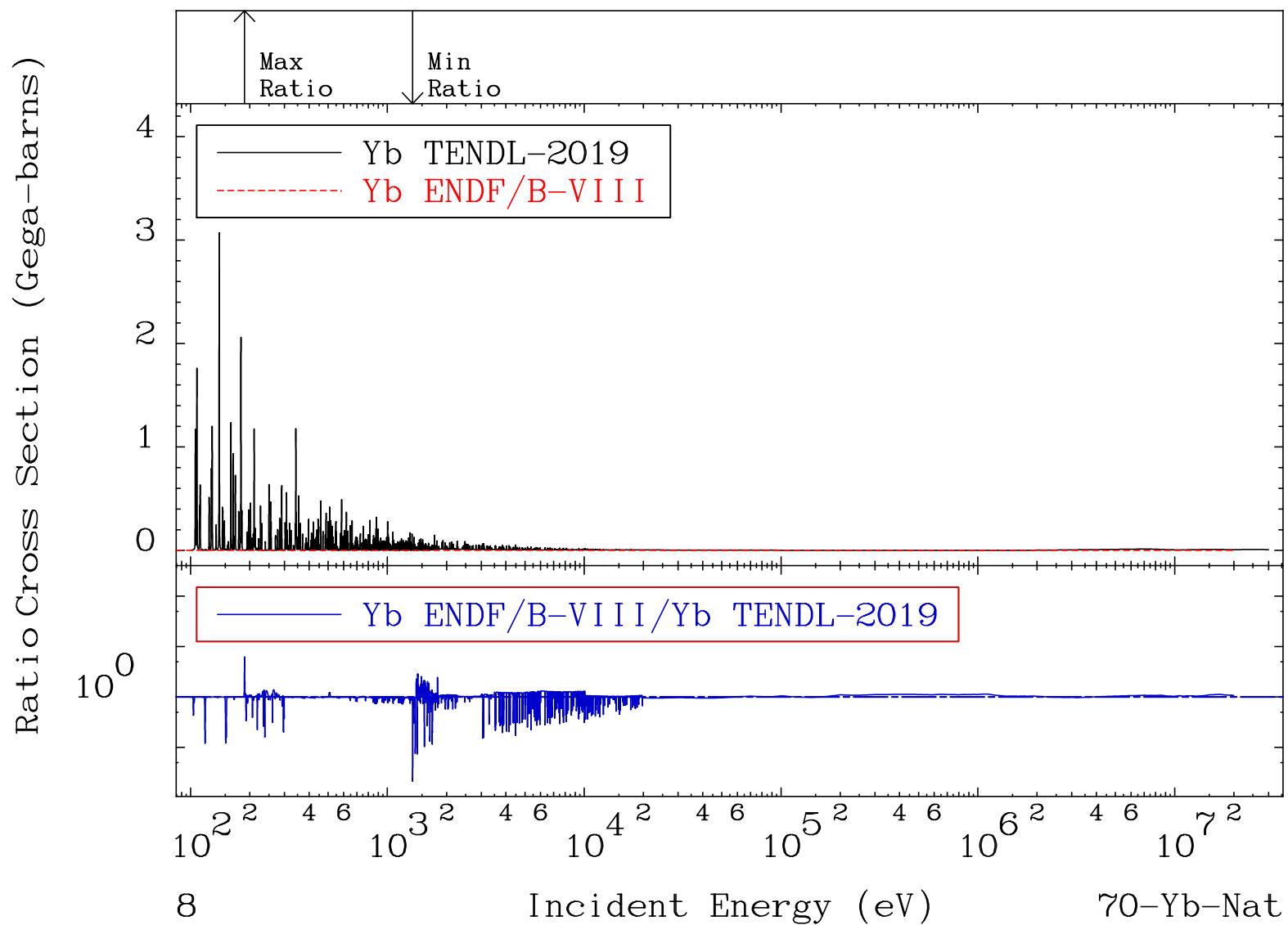
Cross Section -97.87 To 527.6 %



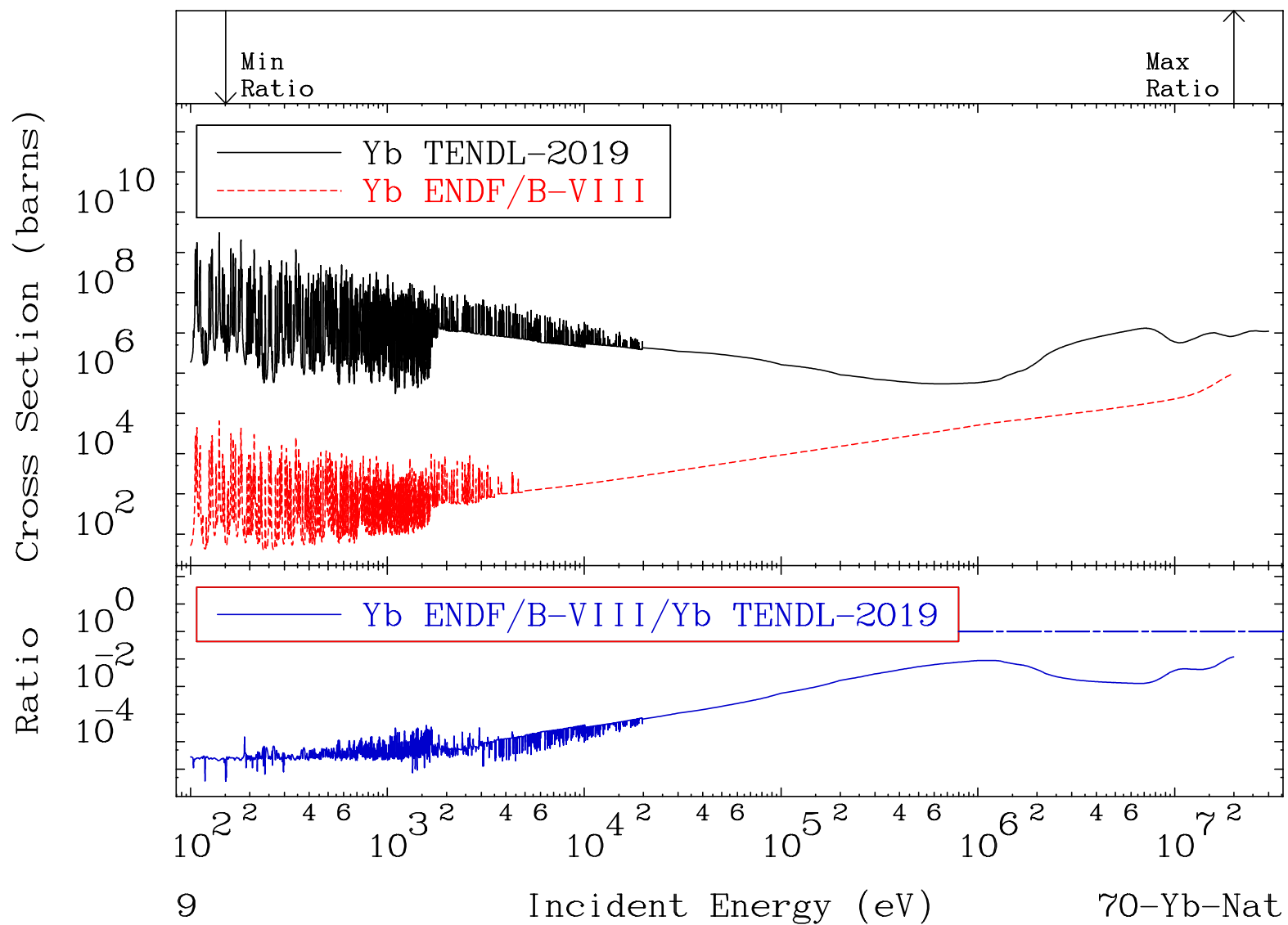
MAT 7000

Total photon (eV-barns)
Cross Section

⁷⁰Yb-Nat
-97.87 To 527.6 %



MAT 7000 Total kinematic kerma (high limit) 70-Yb-Nat
 Cross Section -100.0 To -87.92%

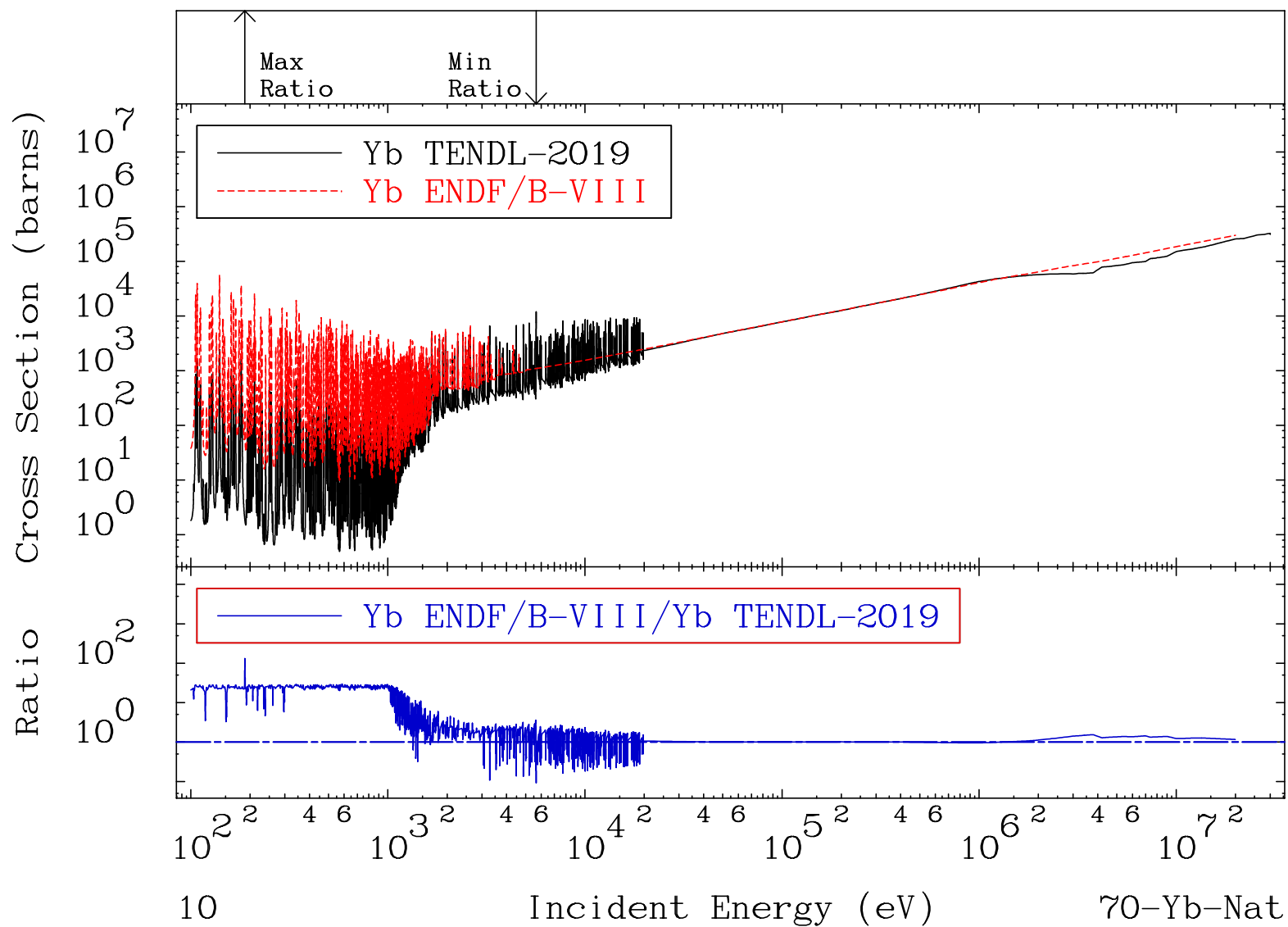


MAT 7000

Dpa total (eV-barns)

⁷⁰Yb-Nat

Cross Section -90.86 To 9999. %



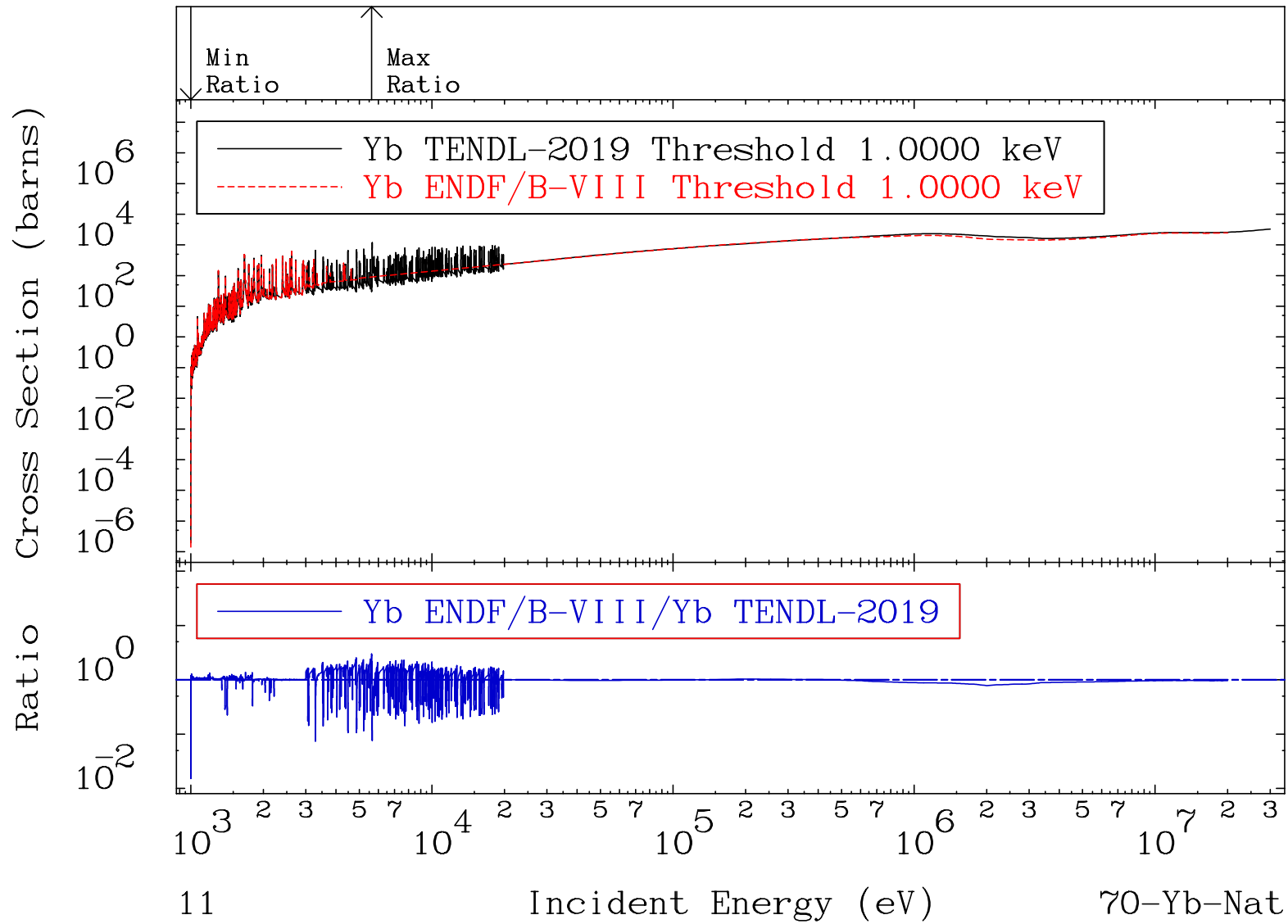
MAT 7000

Dpa elastic (mt2)

70-Yb-Nat

Cross Section

-98.48 To 202.0 %

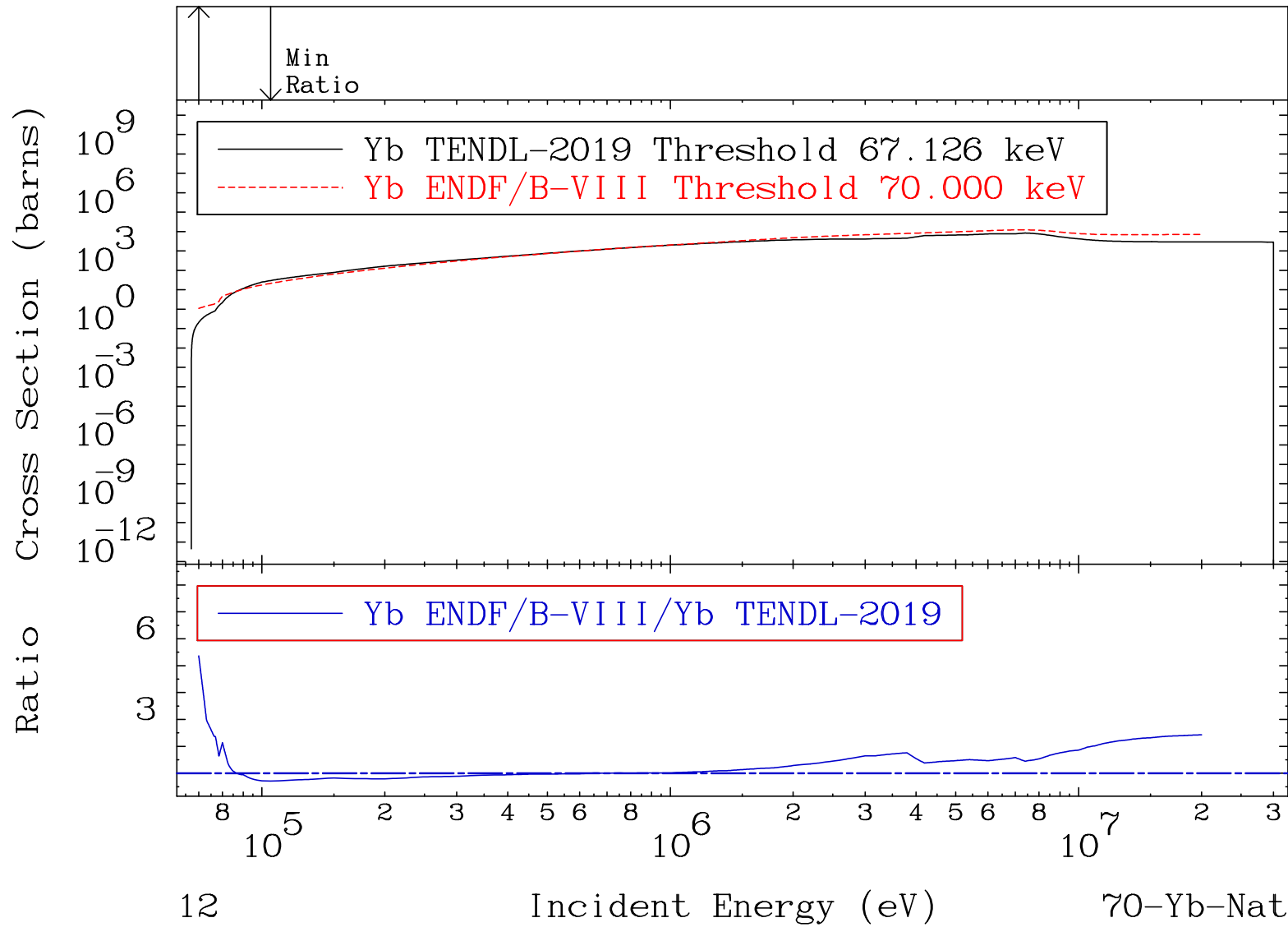


MAT 7000

Dpa inelastic (mt51-91)

70-Yb-Nat

Cross Section -28.83 To 436.6 %



MAT 7000 Dpa disappearance (mt102 -120) 70-Yb-Nat
 Cross Section -43.41 To 9999. %

