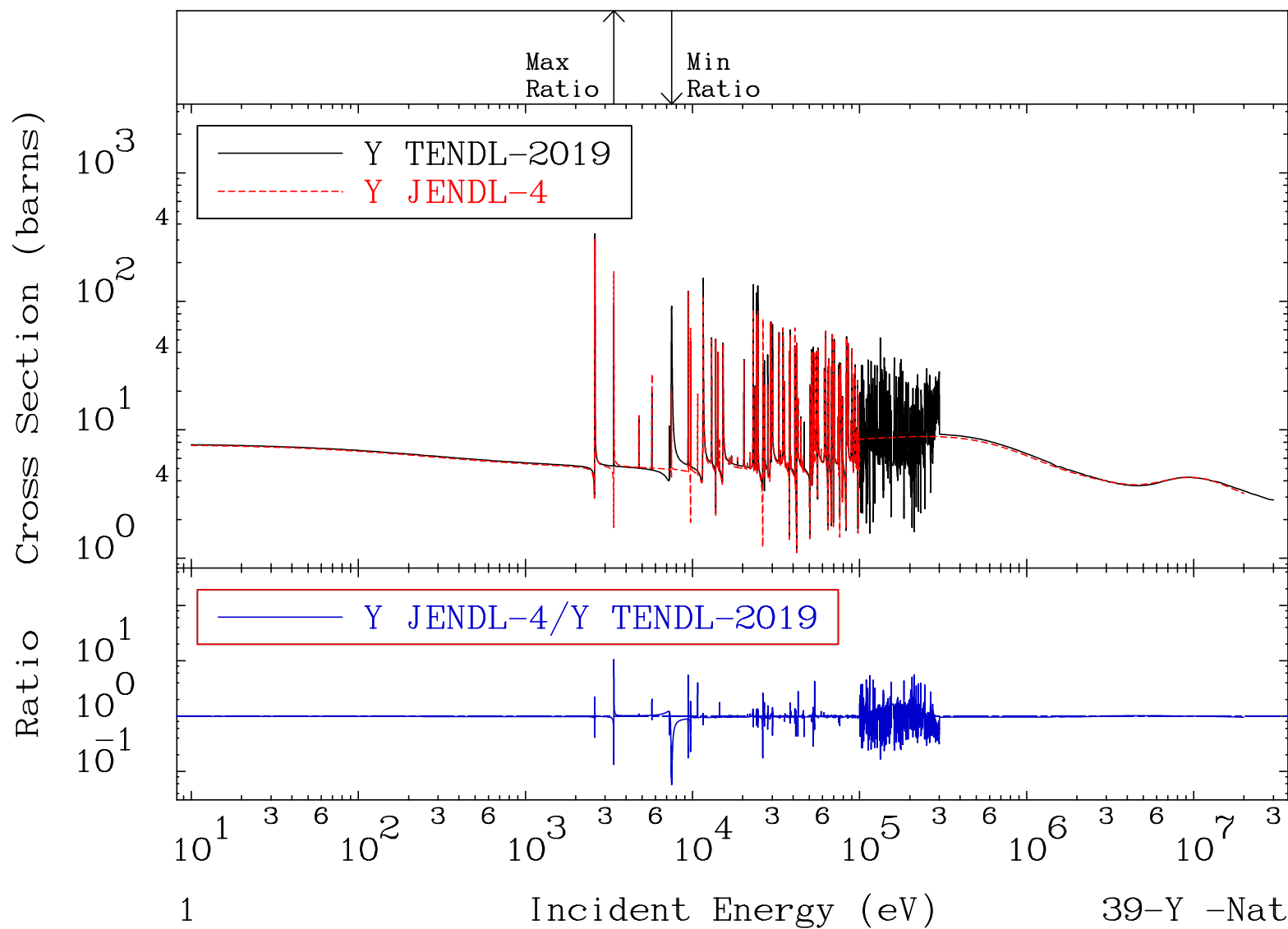


MAT 3900

Total  
Cross Section

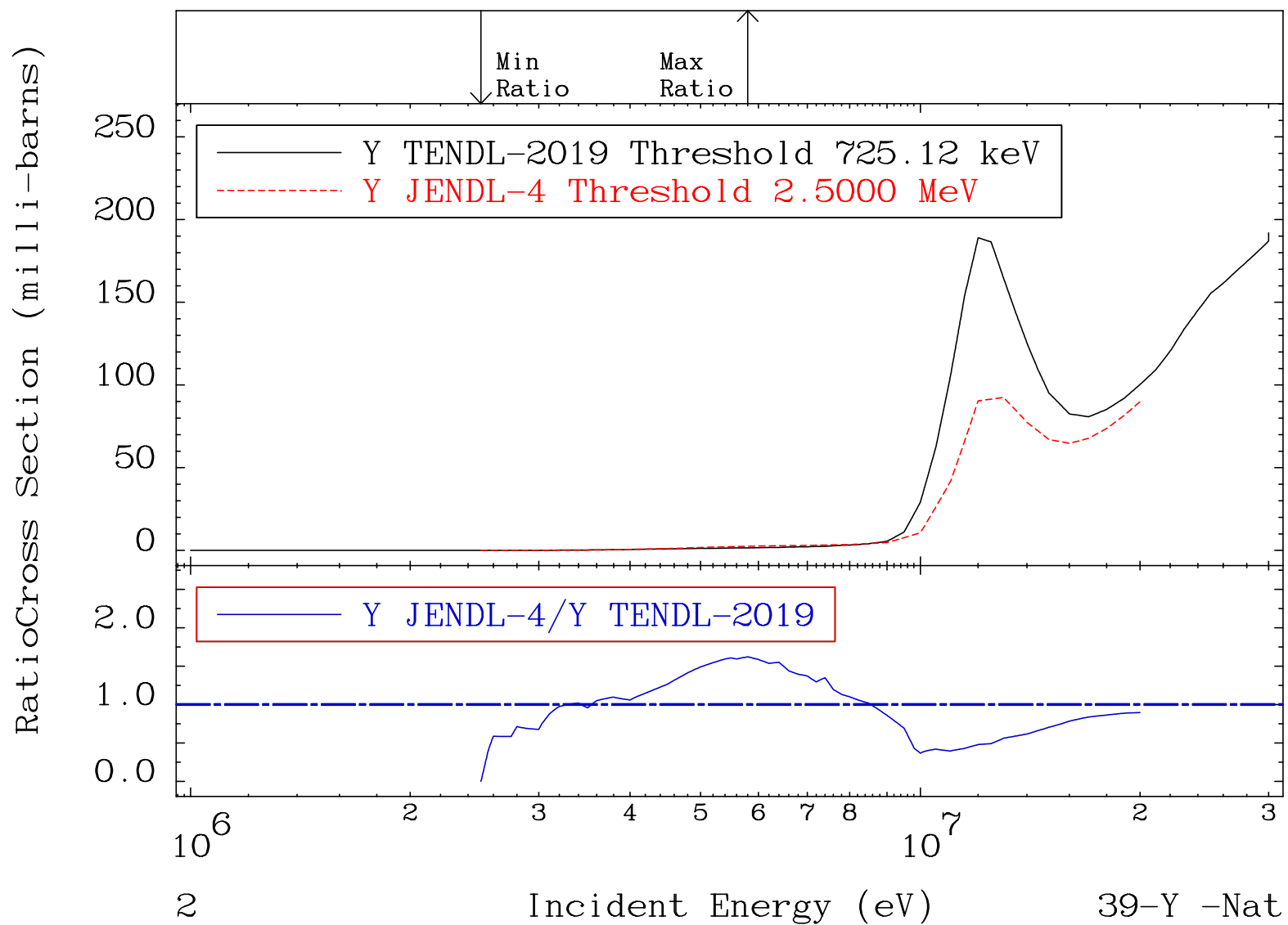
39-Y -Nat  
-94.23 To 949.7 %



MAT 3900

Hydrogen Production  
Cross Section

39-Y -Nat  
-100.0 To 62.25 %

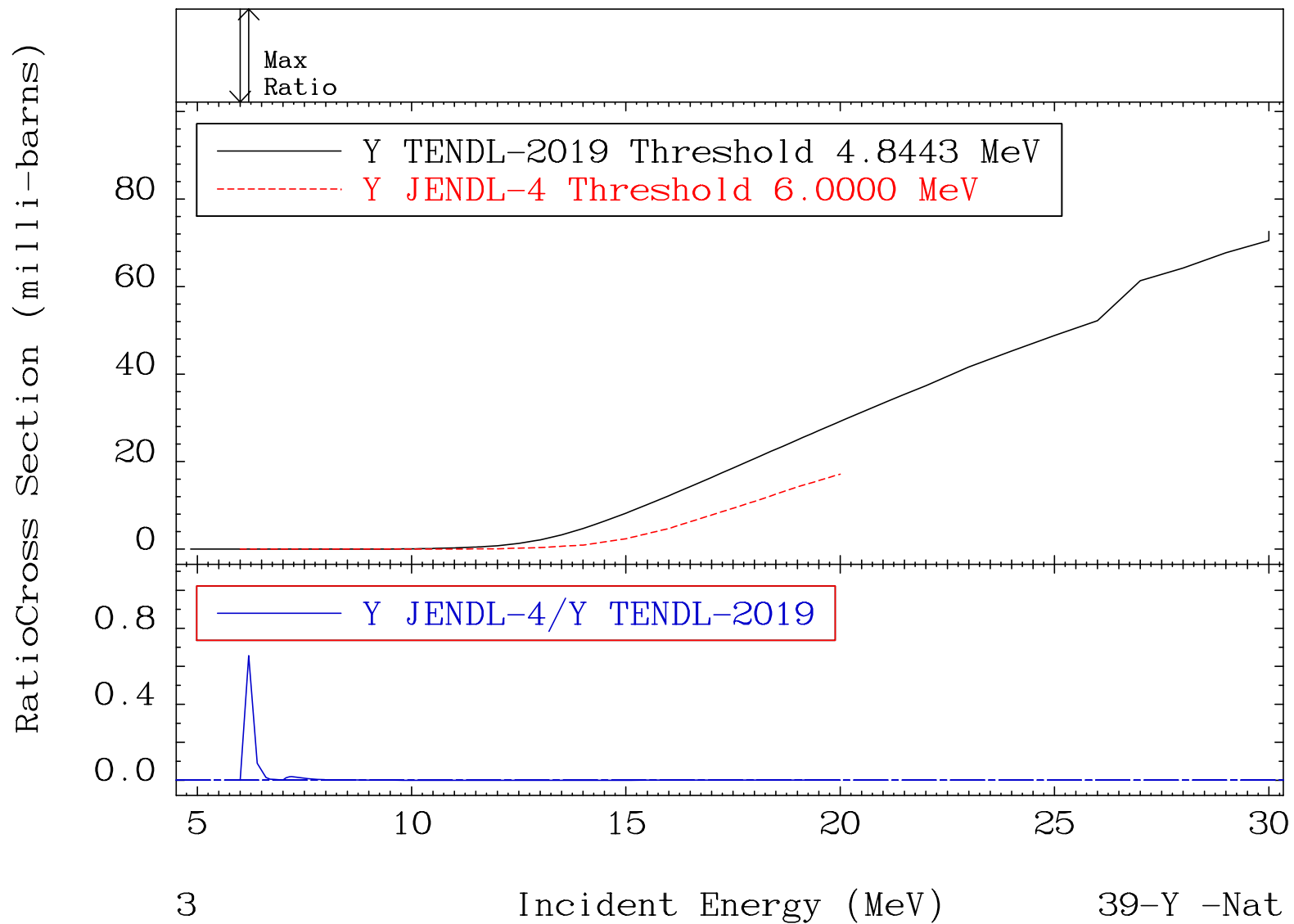


MAT 3900

Deuterium Production

39-Y -Nat

Cross Section -100.0 To 9999. %



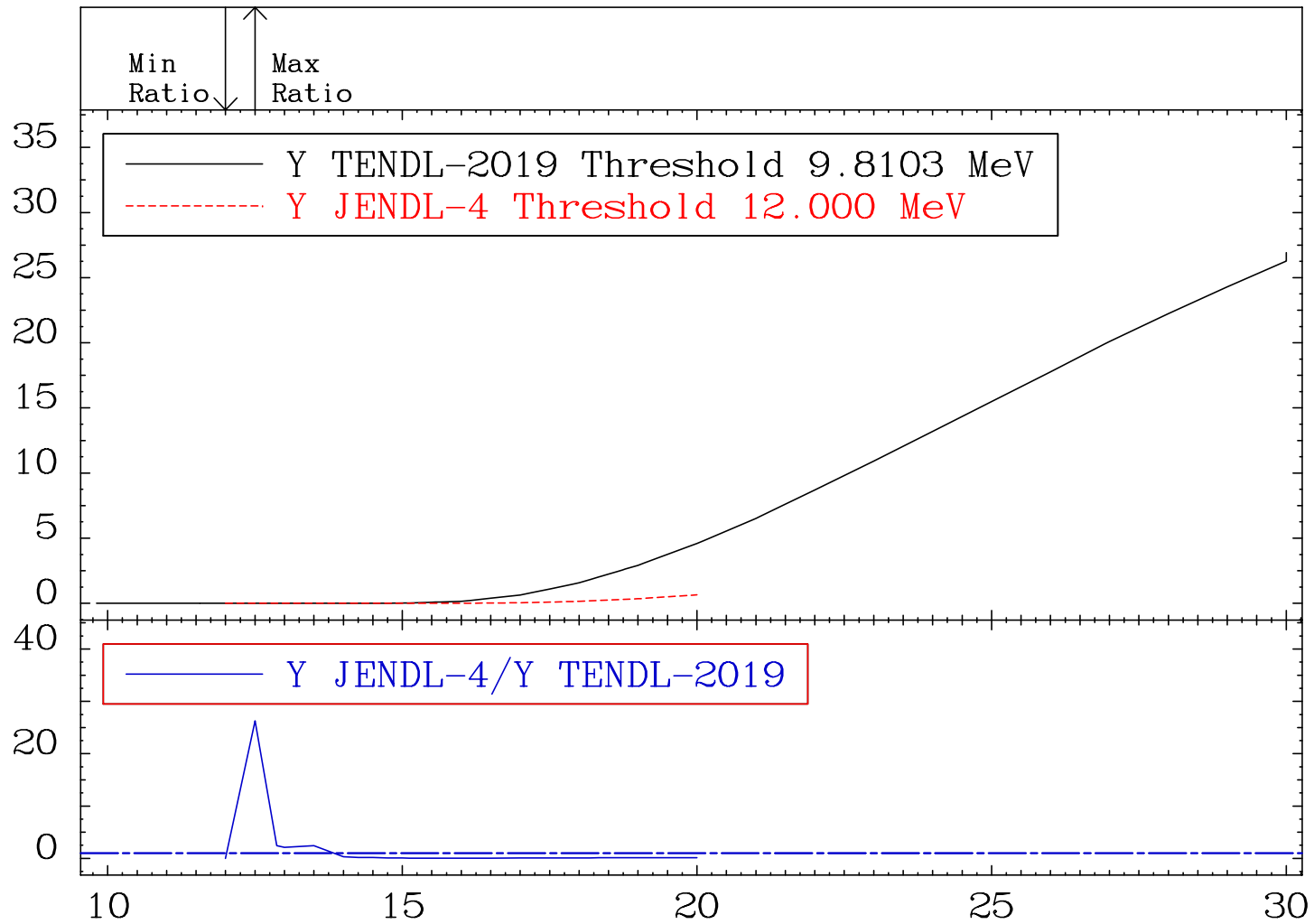
MAT 3900

Tritium Production

39-Y -Nat

Cross Section -100.0 To 2529. %

RatioCross Section (milli-barns)



4

Incident Energy (MeV)

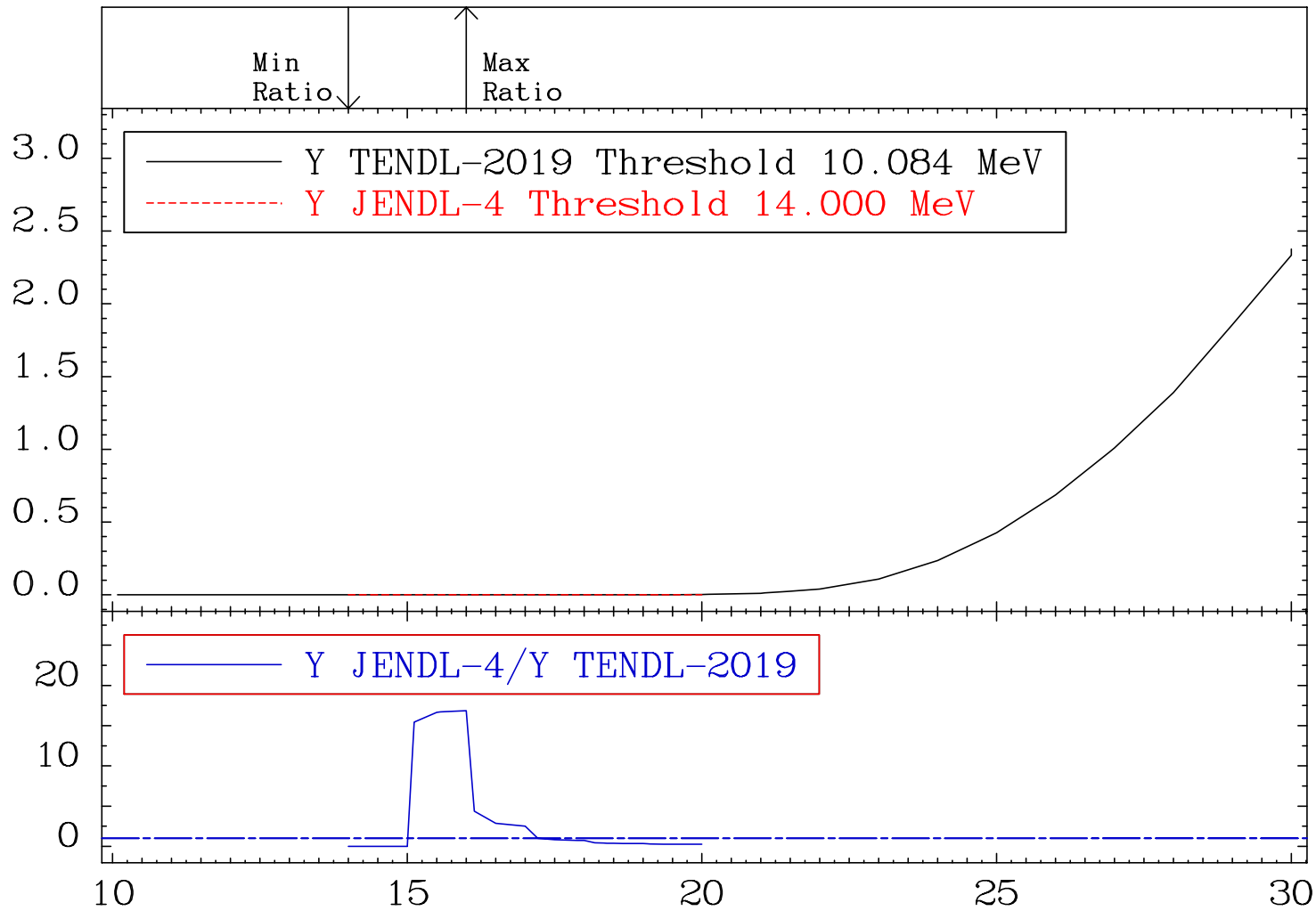
39-Y -Nat

MAT 3900

He-3 Production  
Cross Section

39-Y -Nat  
-100.0 To 1586. %

RatioCross Section (milli-barns)



5

Incident Energy (MeV)

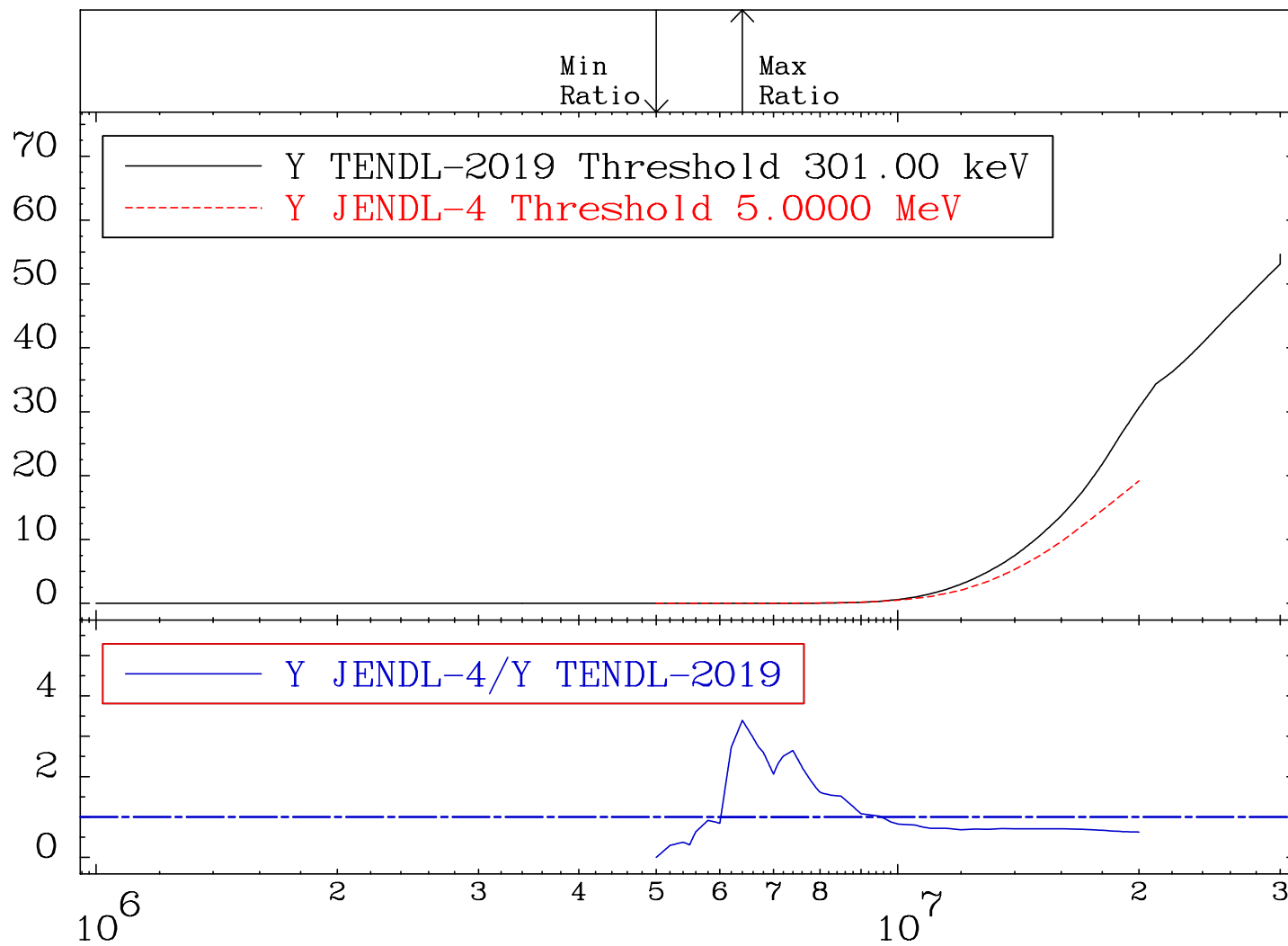
39-Y -Nat

MAT 3900

He-4 Production  
Cross Section

39-Y -Nat  
-100.0 To 239.6 %

RatioCross Section (milli-barns)



6

Incident Energy (eV)

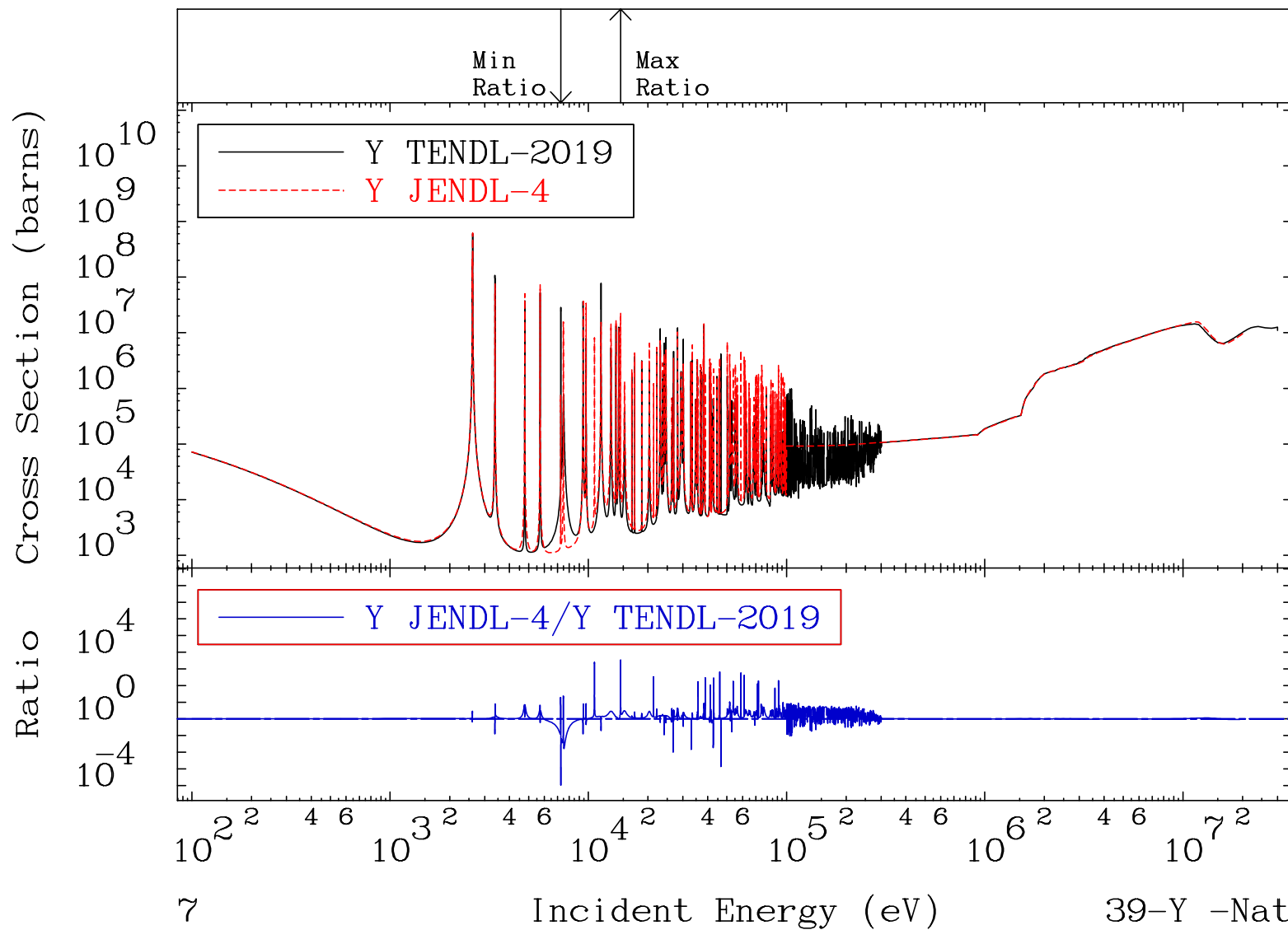
39-Y -Nat

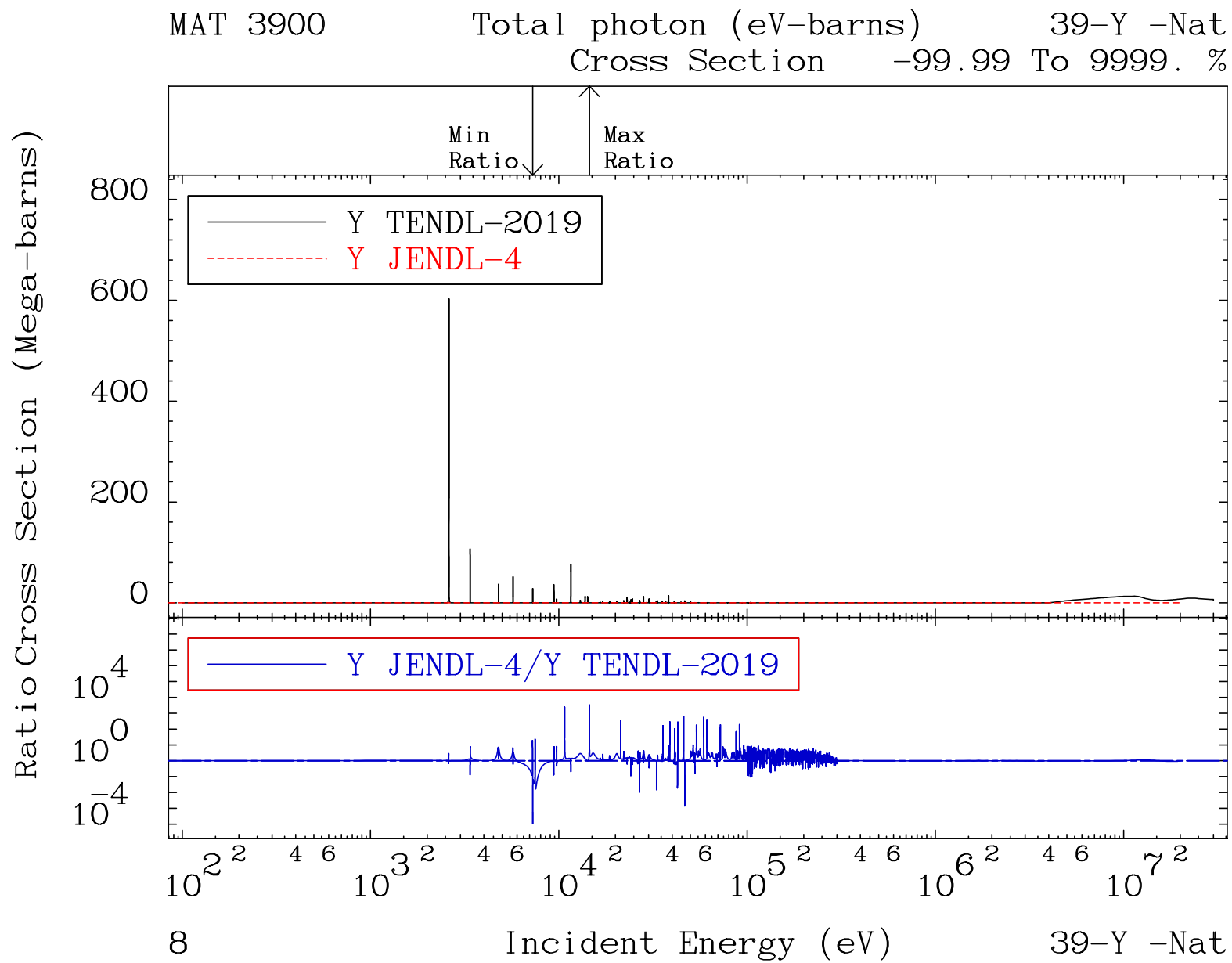
MAT 3900

Kerma total (eV-barns)

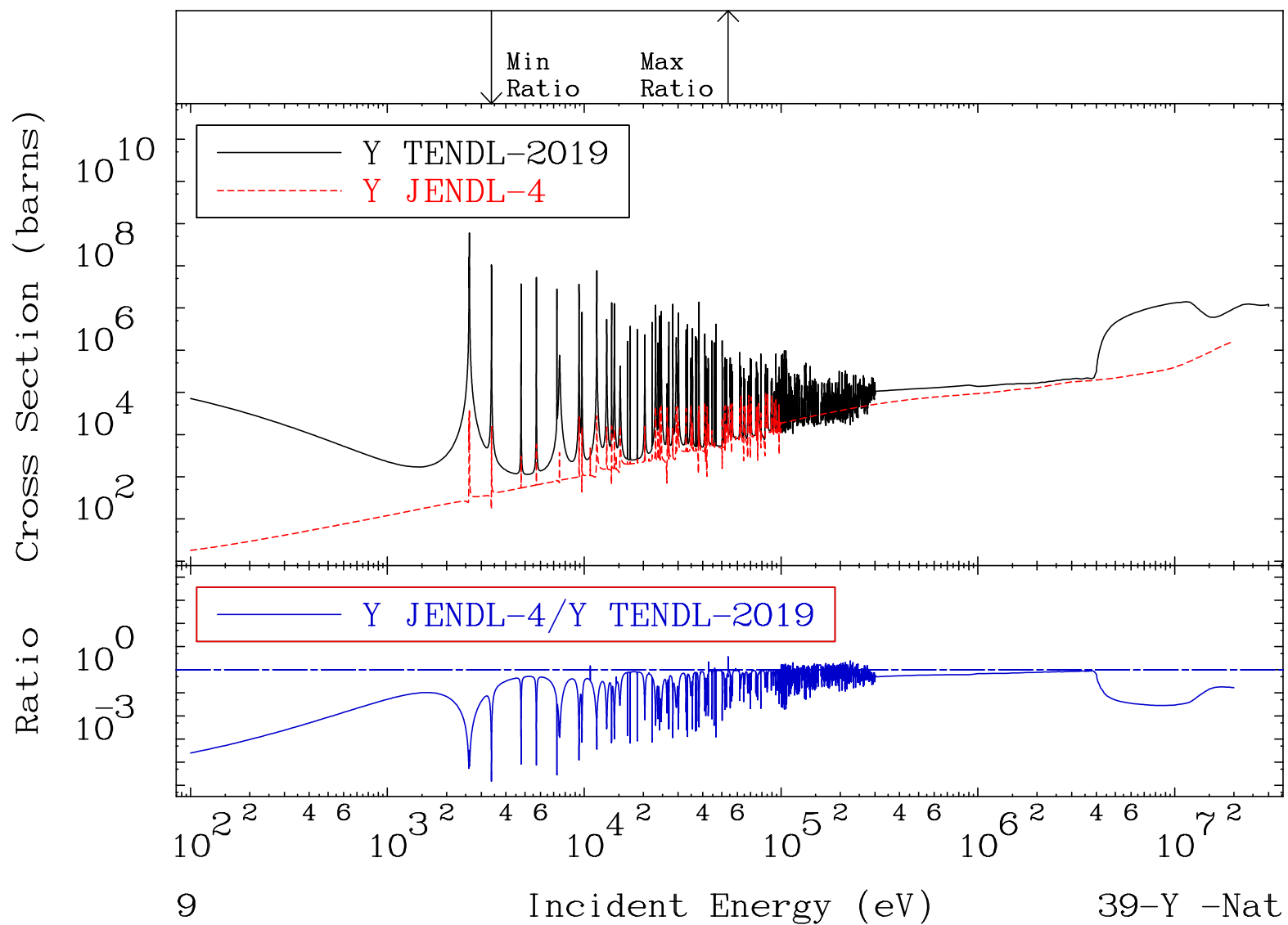
39-Y -Nat

Cross Section -99.99 To 9999. %





MAT 3900 Total kinematic kerma (high limit) 39-Y -Nat  
Cross Section -100.0 To 264.4 %

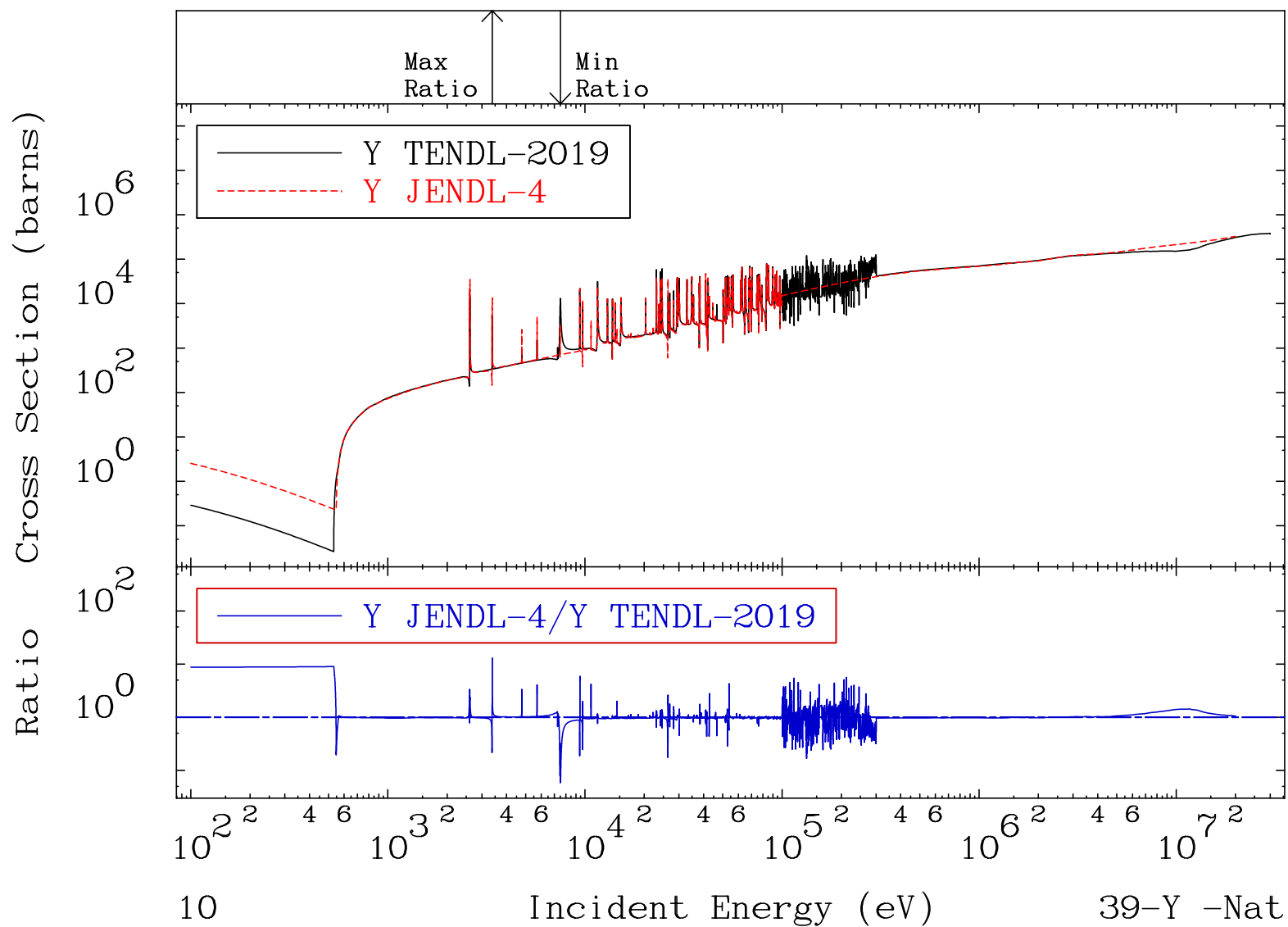


MAT 3900

Dpa total (eV-barns)

39-Y -Nat

Cross Section -94.23 To 1196. %

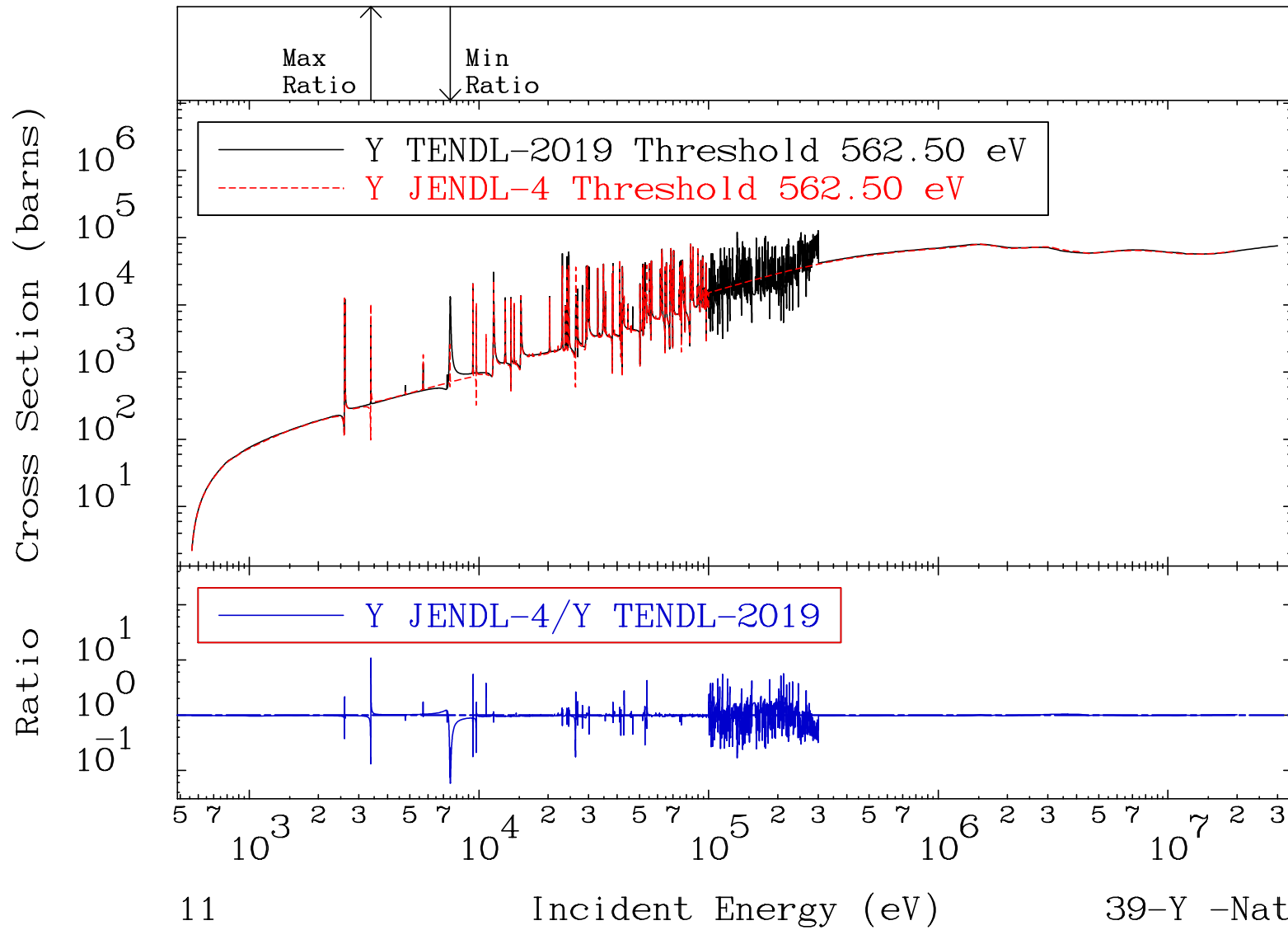


MAT 3900

Dpa elastic (mt2)

39-Y -Nat

Cross Section -94.23 To 984.9 %

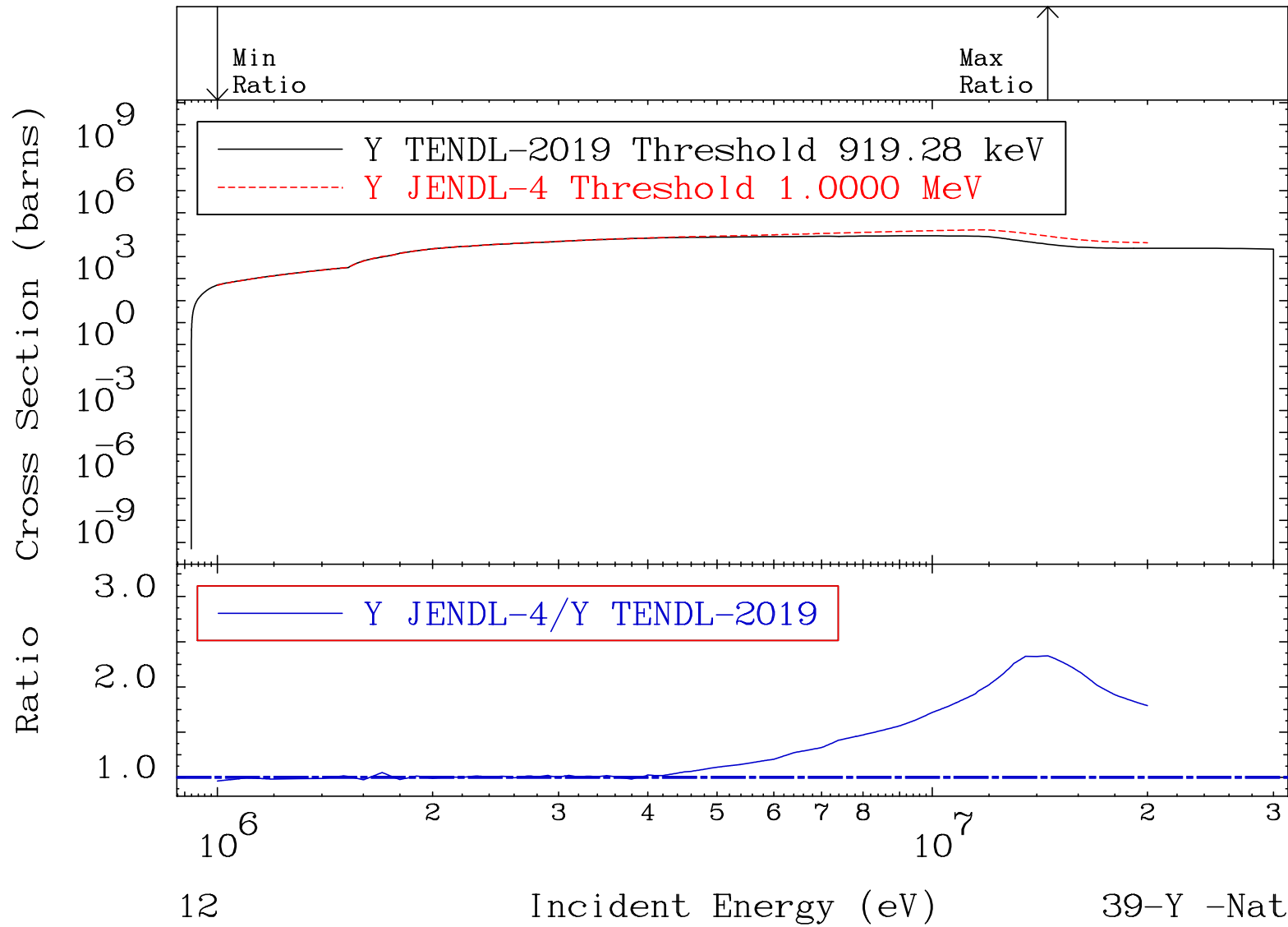


MAT 3900

Dpa inelastic (mt51-91)

39-Y -Nat

Cross Section -3.997 To 134.4 %



MAT 3900      Dpa disappearance (mt102 -120)      39-Y -Nat  
 Cross Section      -99.92 To 9999. %

