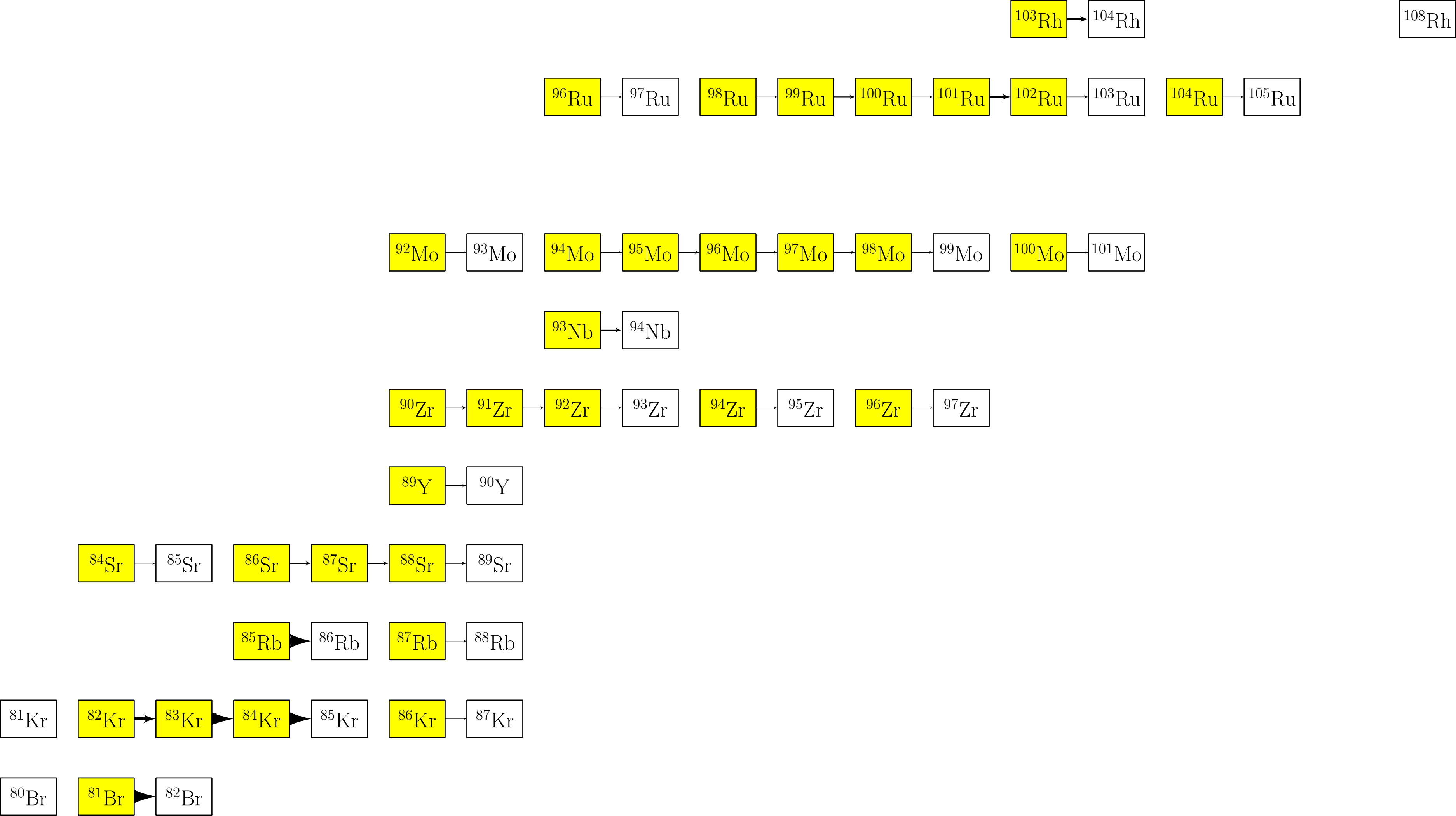
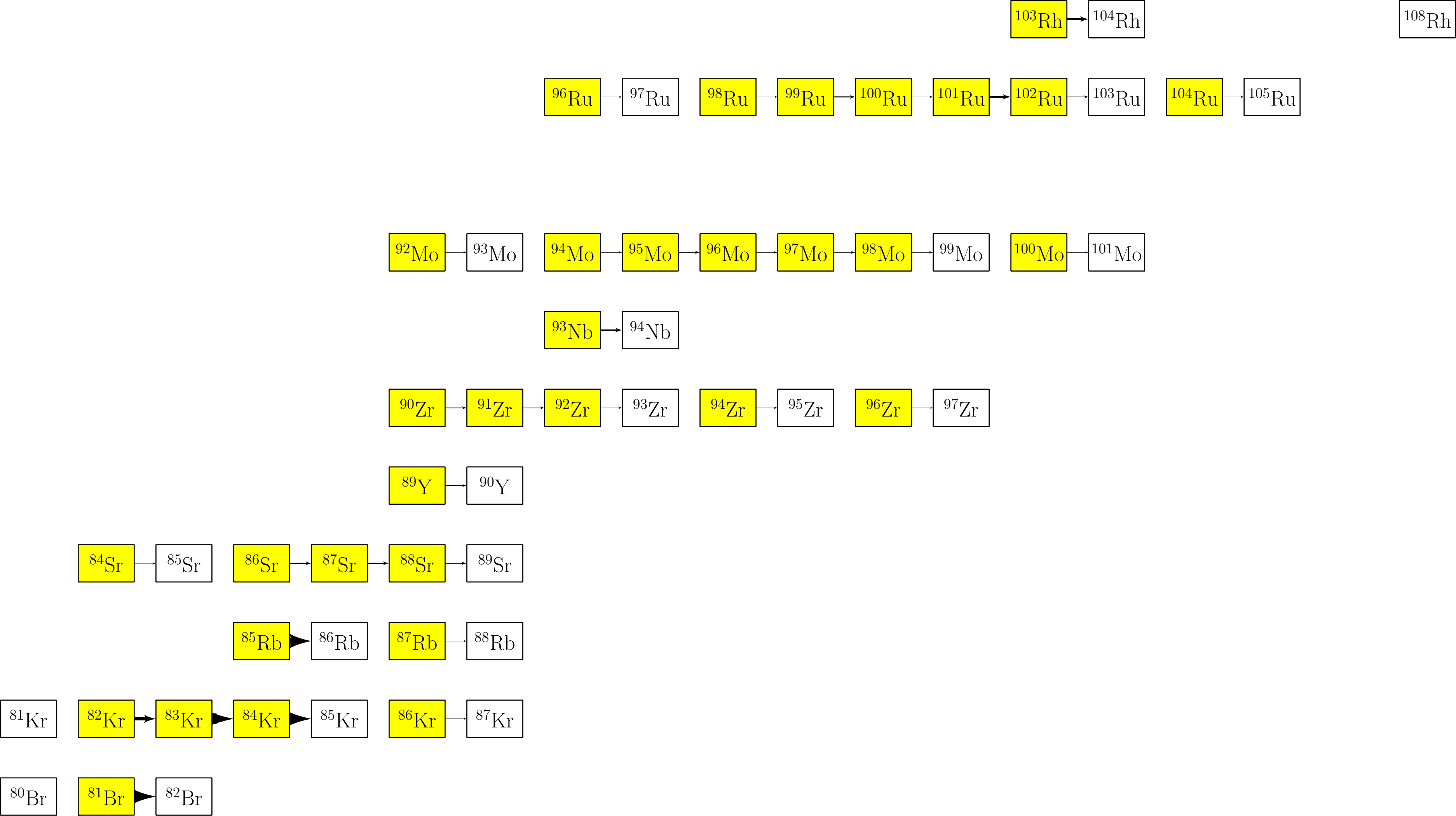


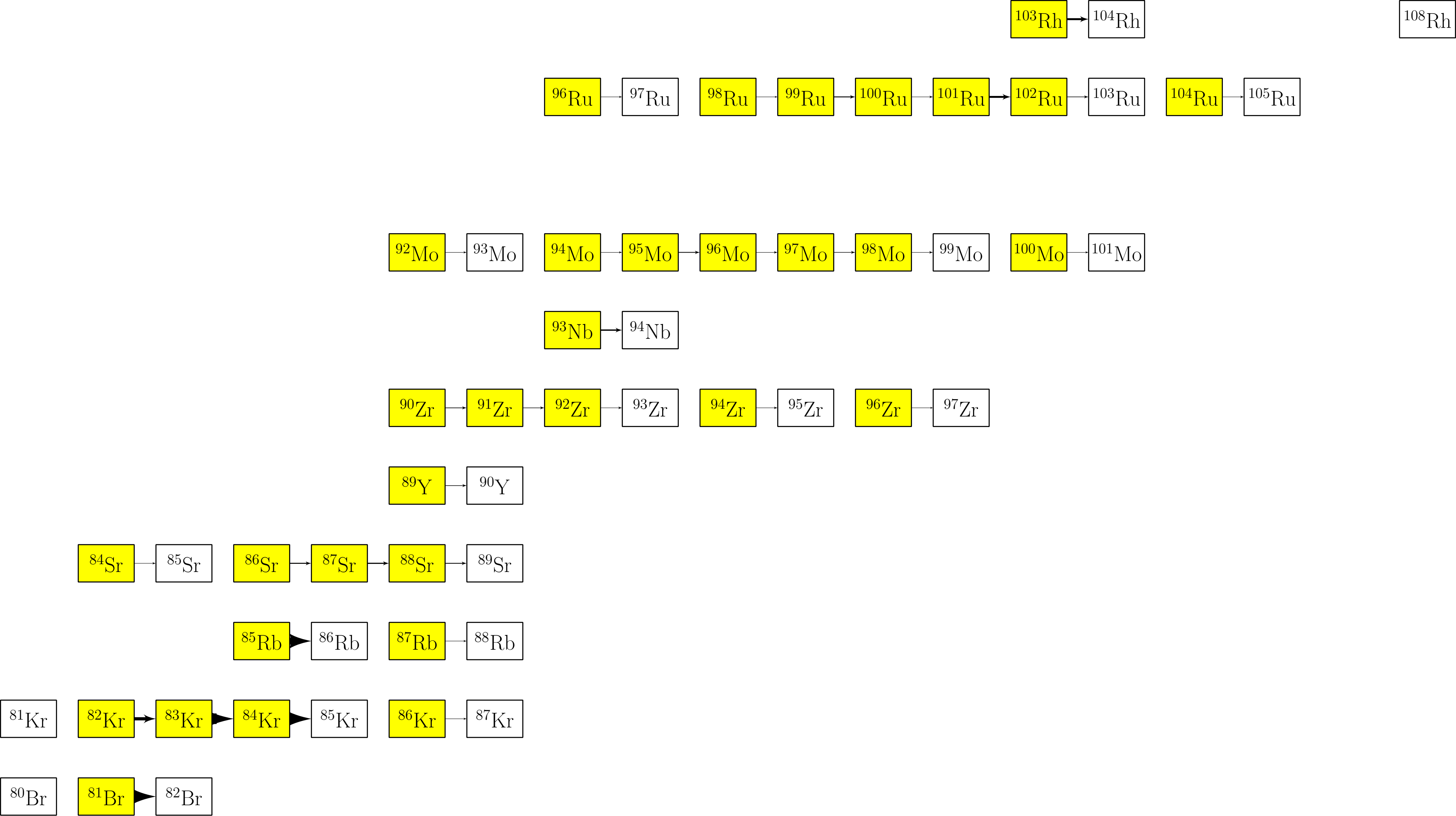
$time(s) = 1e - 15 \quad T_9 = 0.2 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 8.52942e - 08$



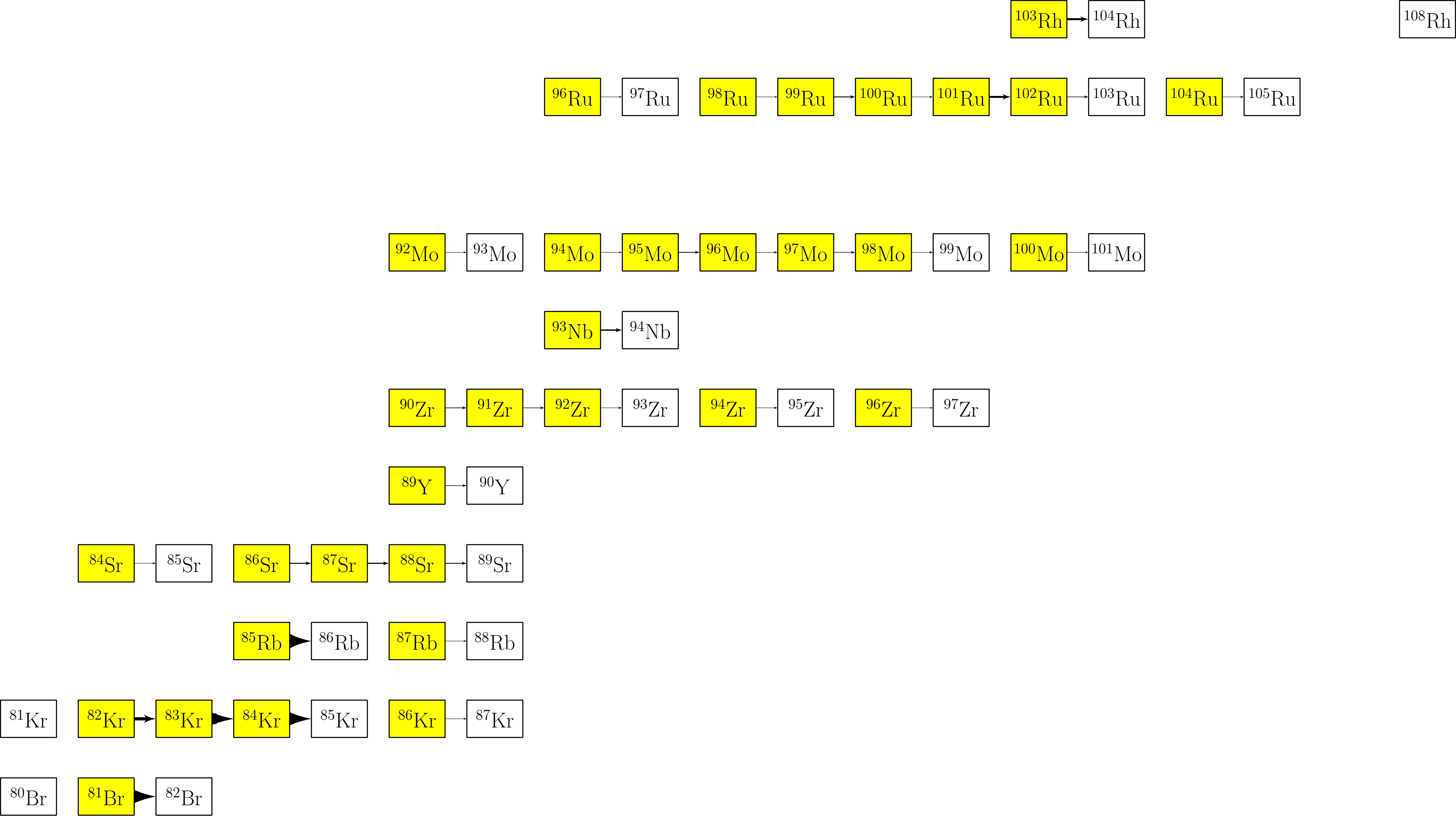
$time(s) = 2.43493e - 14 \quad T_9 = 0.2 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.06904e - 06$



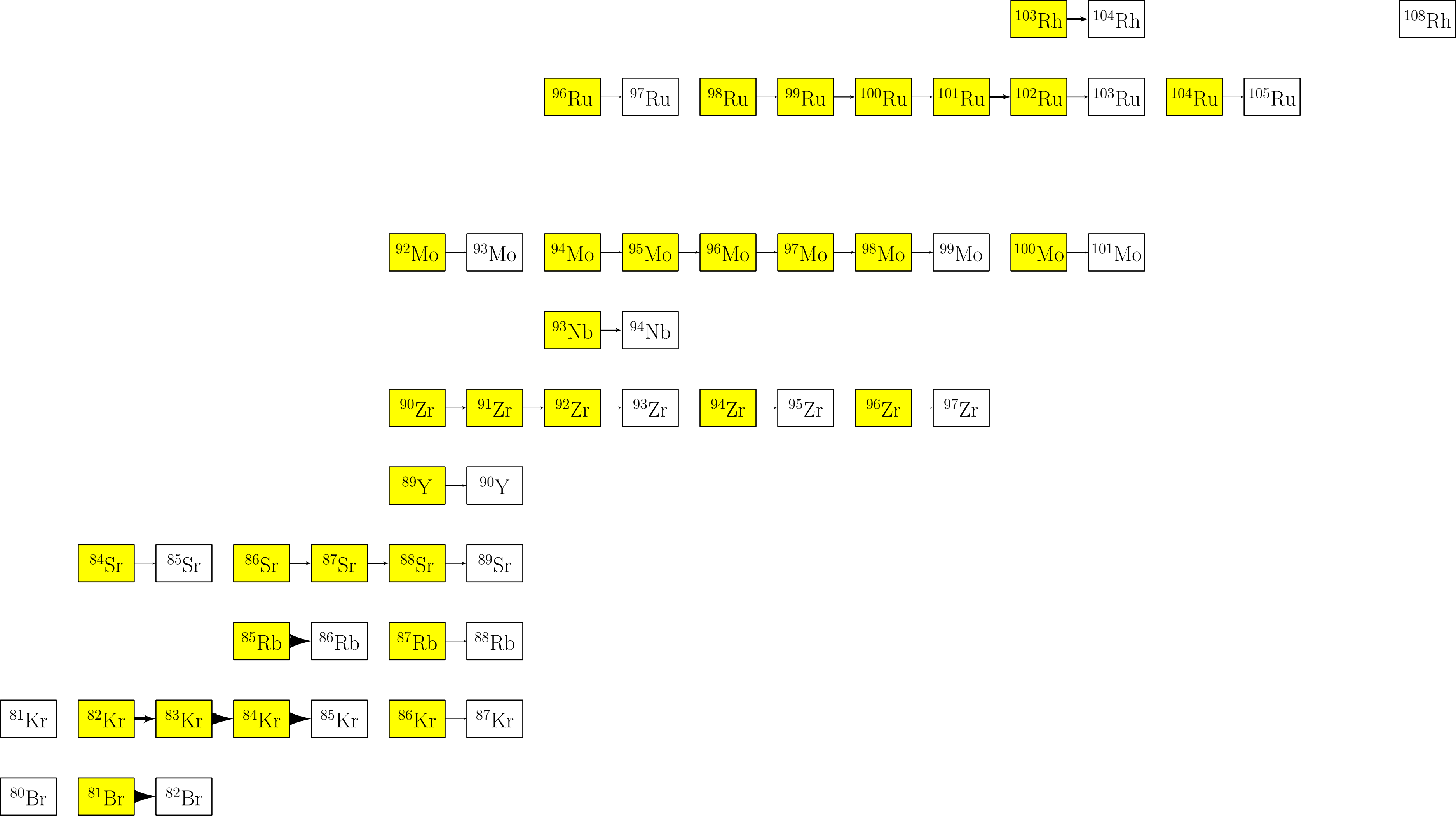
$time(s) = 1.17785e - 13 \quad T_9 = 0.2 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 9.86099e - 06$



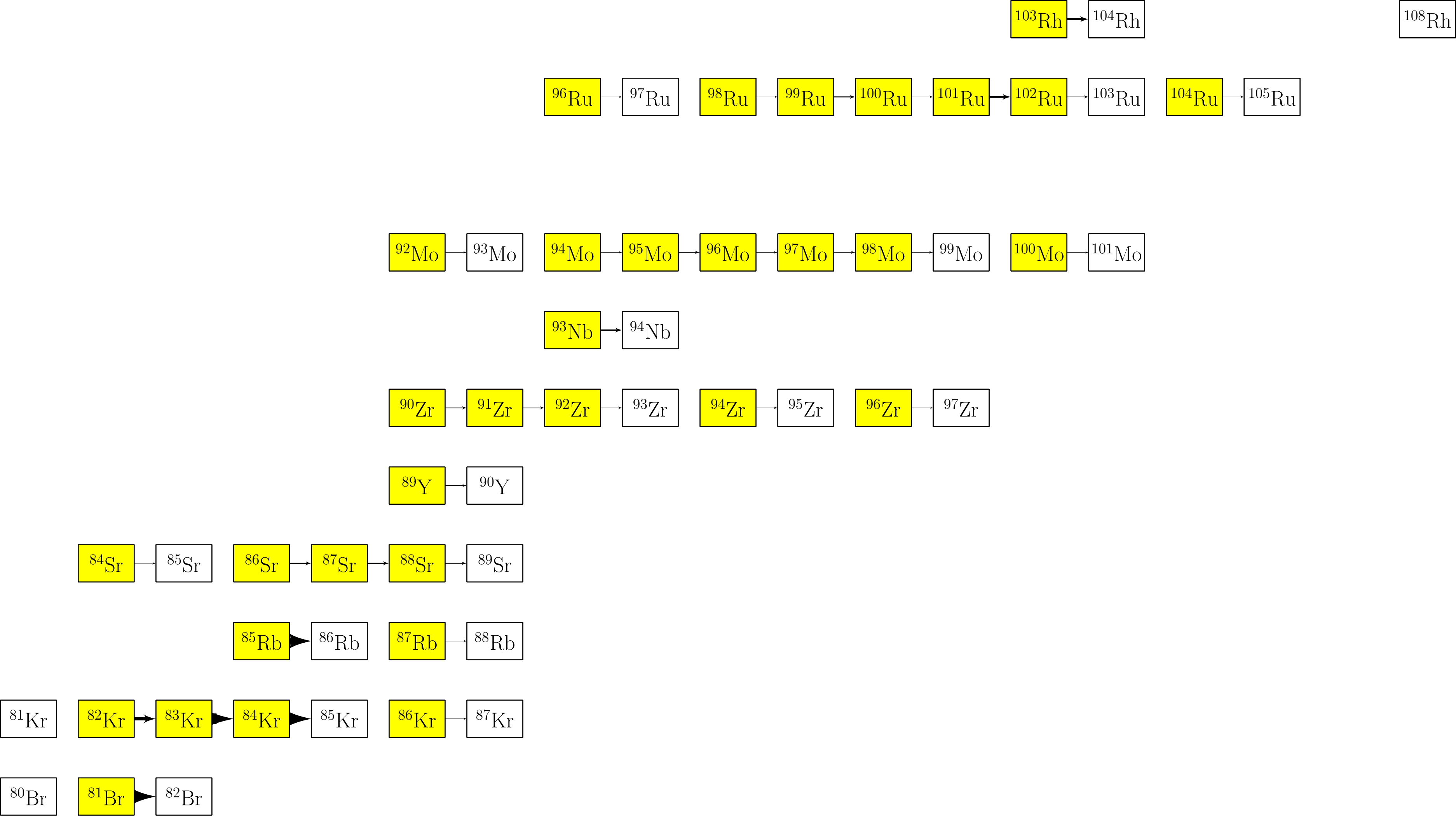
$time(s) = 4.74287e - 13 \quad T_9 = 0.2 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 3.75636e - 05$



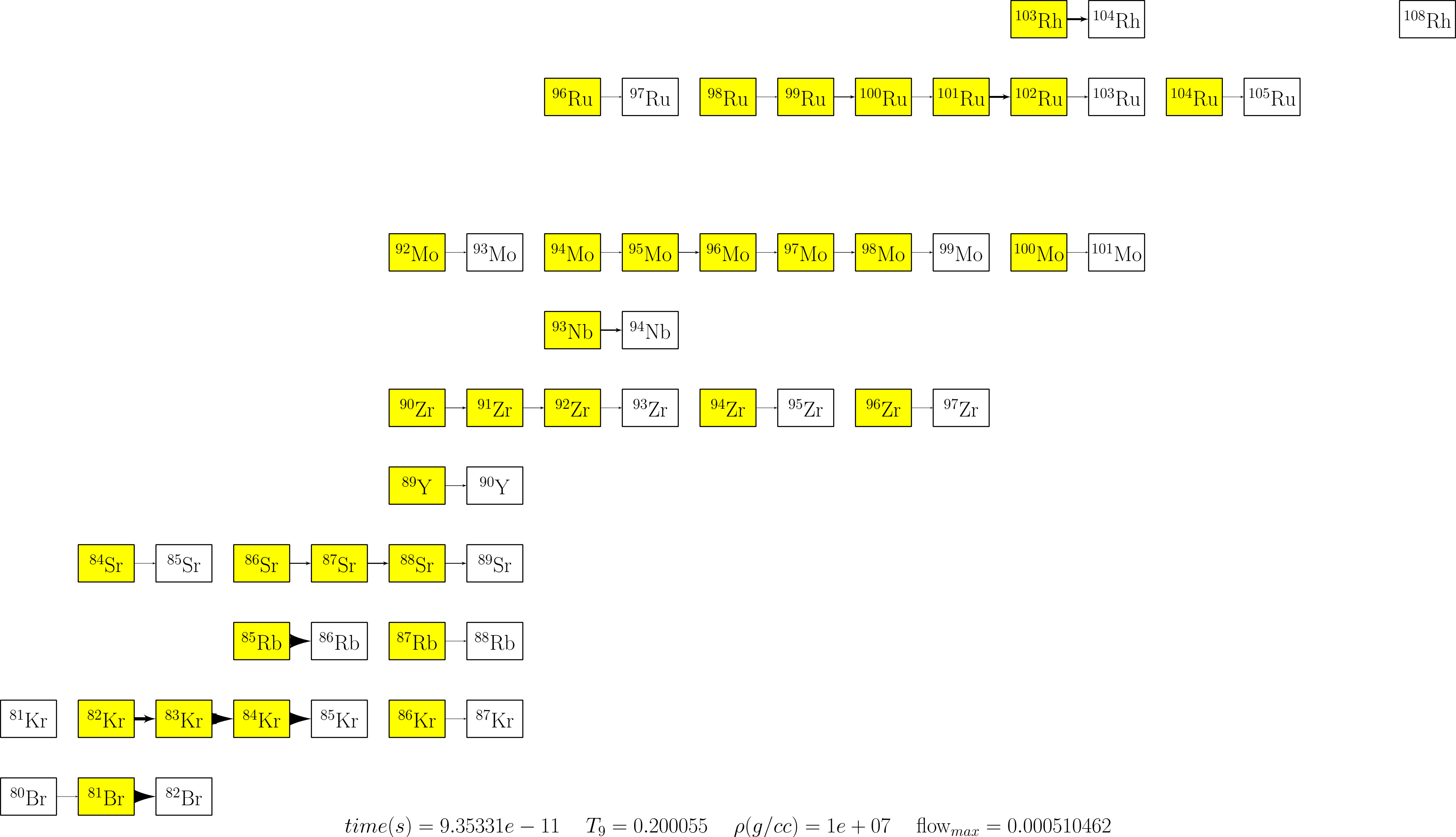
$time(s) = 1.89444e - 12 \quad T_9 = 0.200001 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 0.000122303$



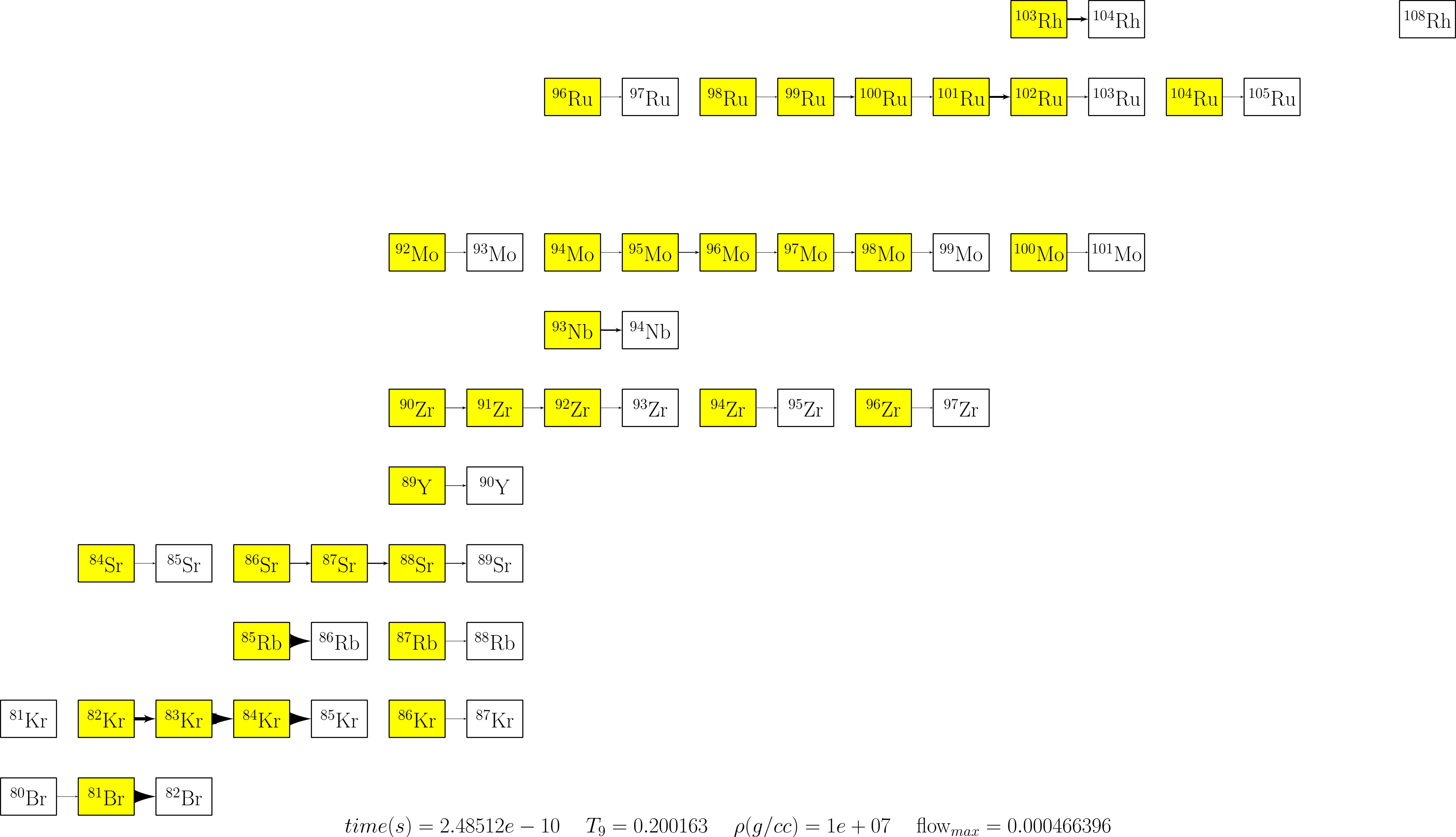
$time(s) = 7.58483e - 12 \quad T_9 = 0.200004 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 0.000268587$

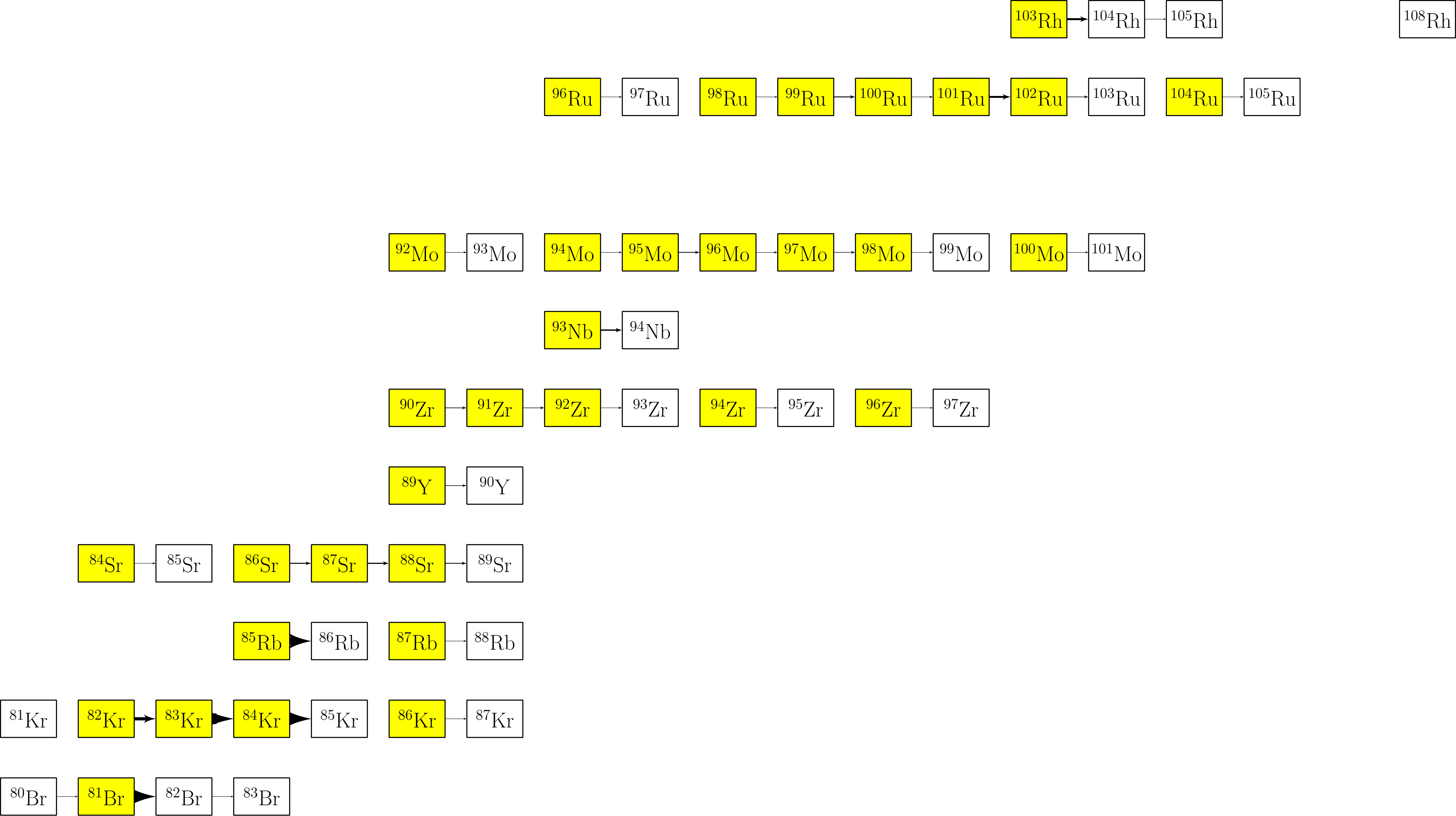


$time(s) = 2.55819e - 11 \quad T_9 = 0.200014 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 0.000391312$

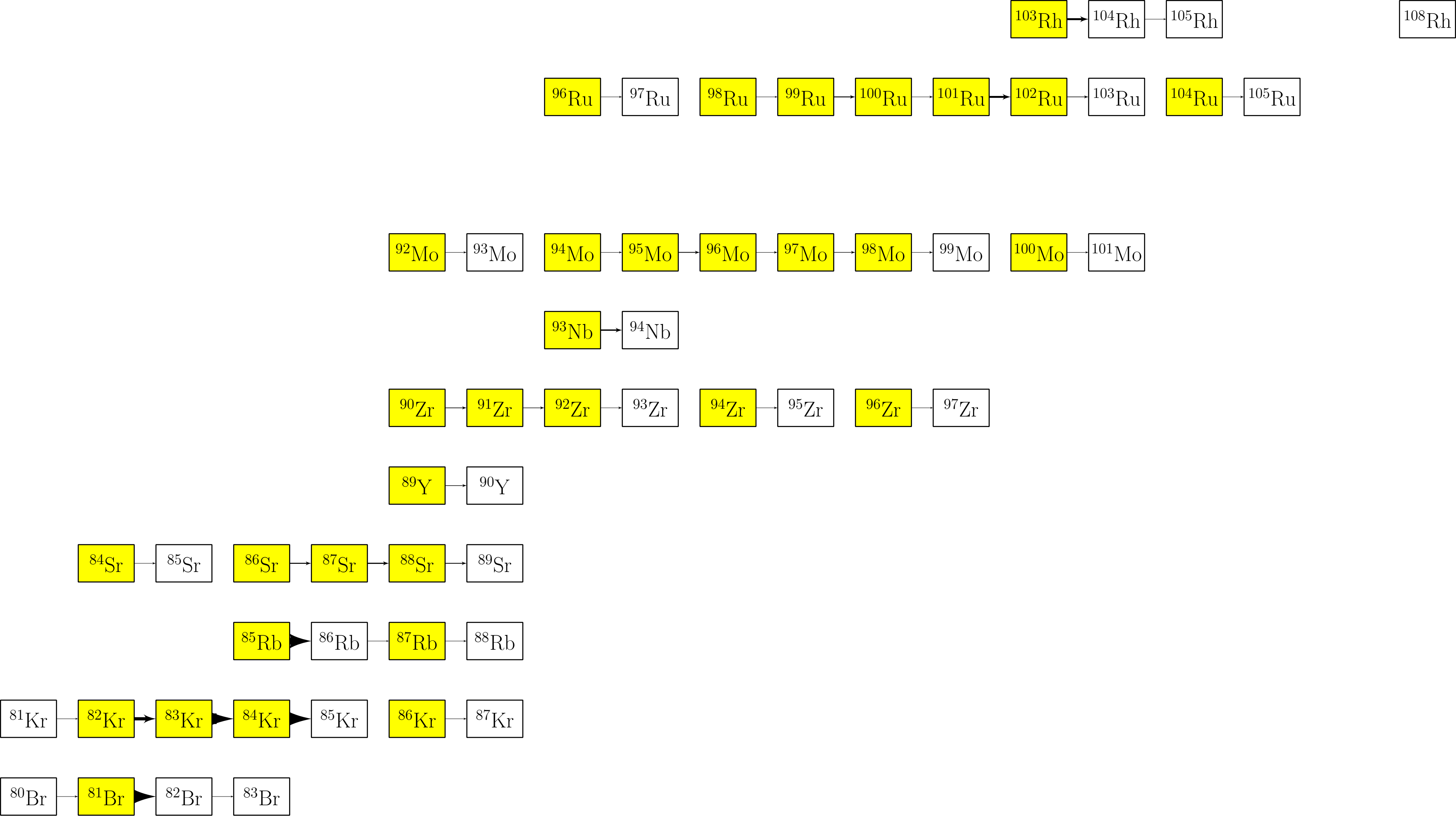




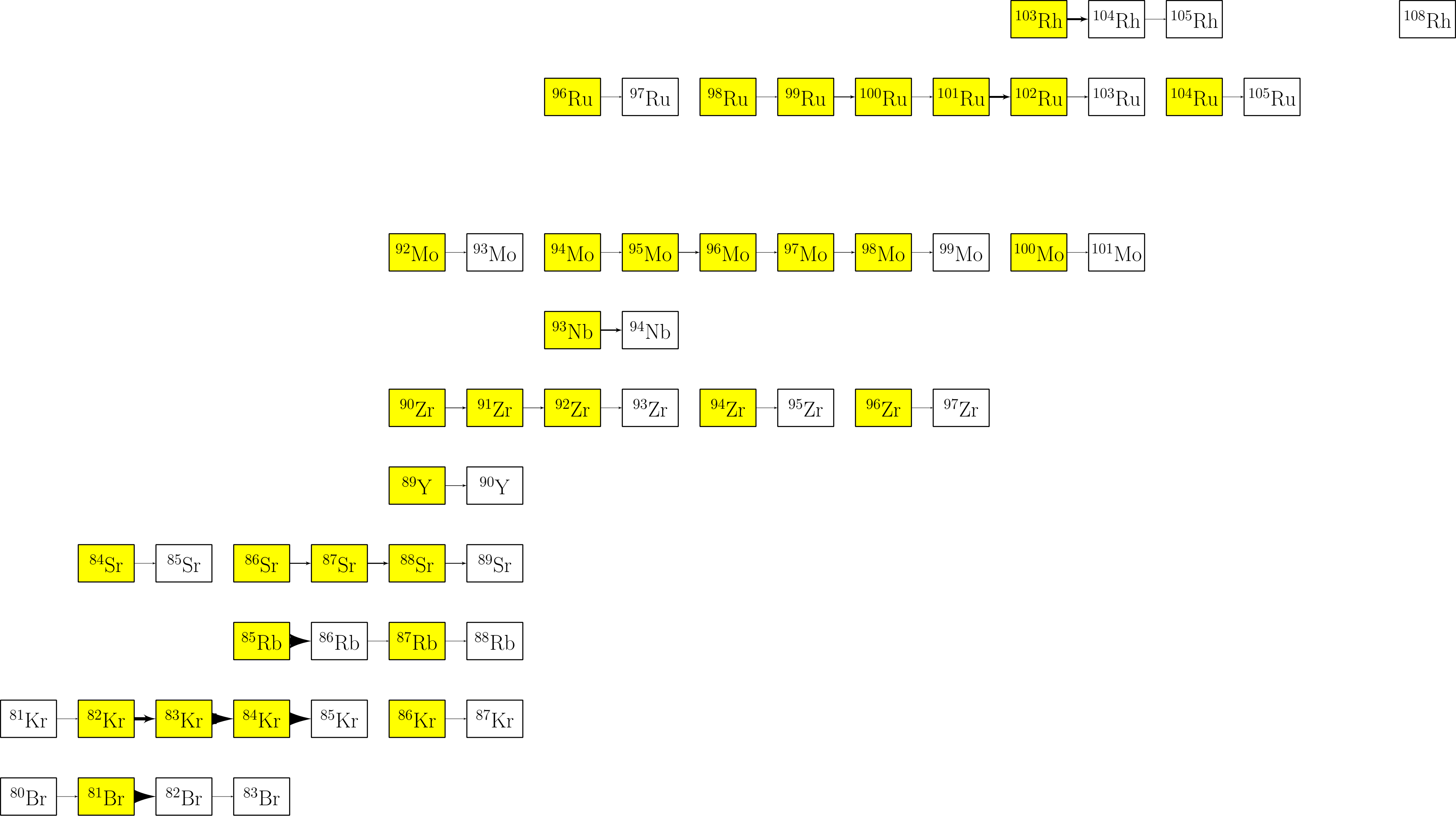




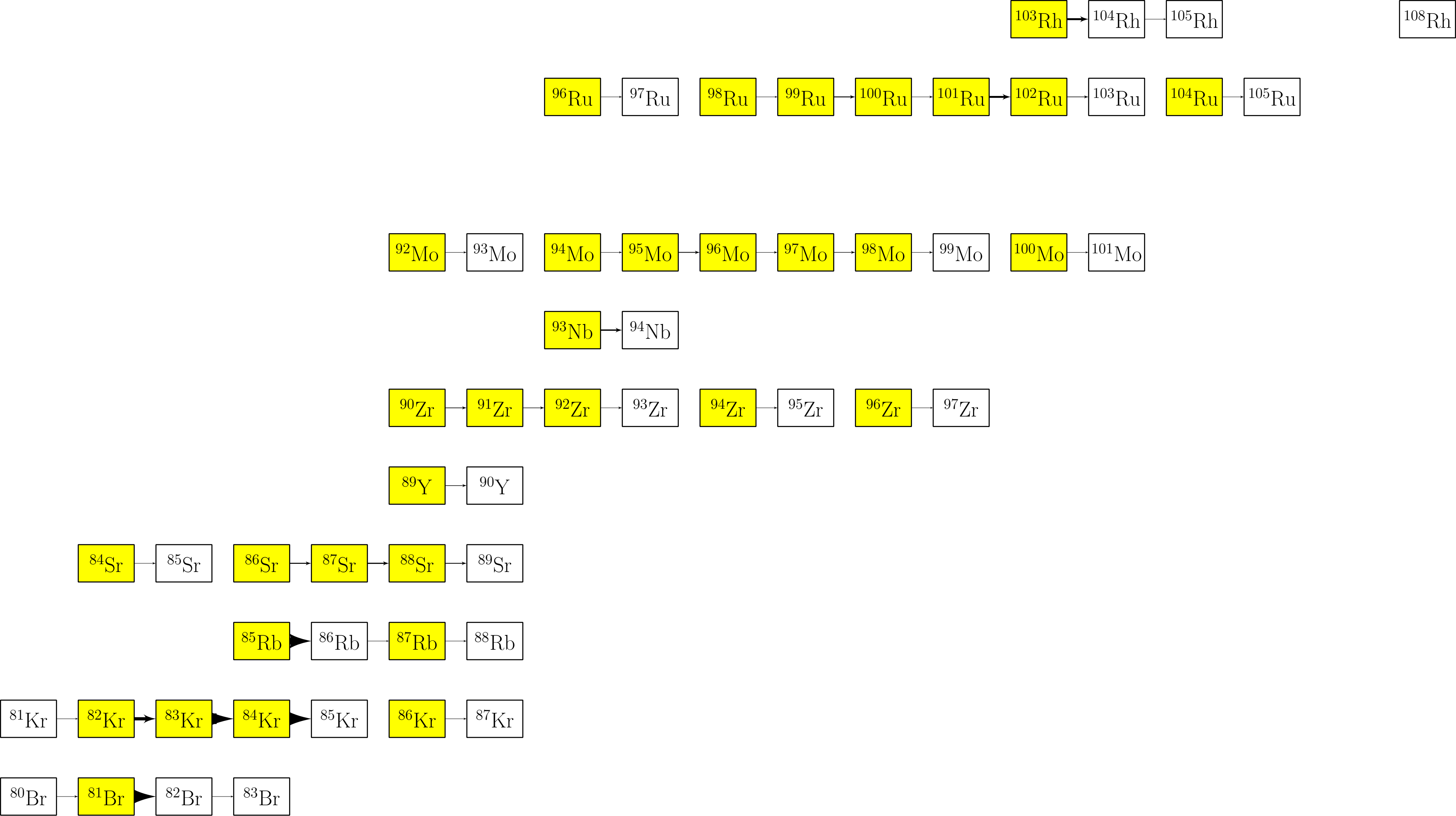
$time(s) = 4.83647e - 10 \quad T_9 = 0.200299 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 0.000362657$



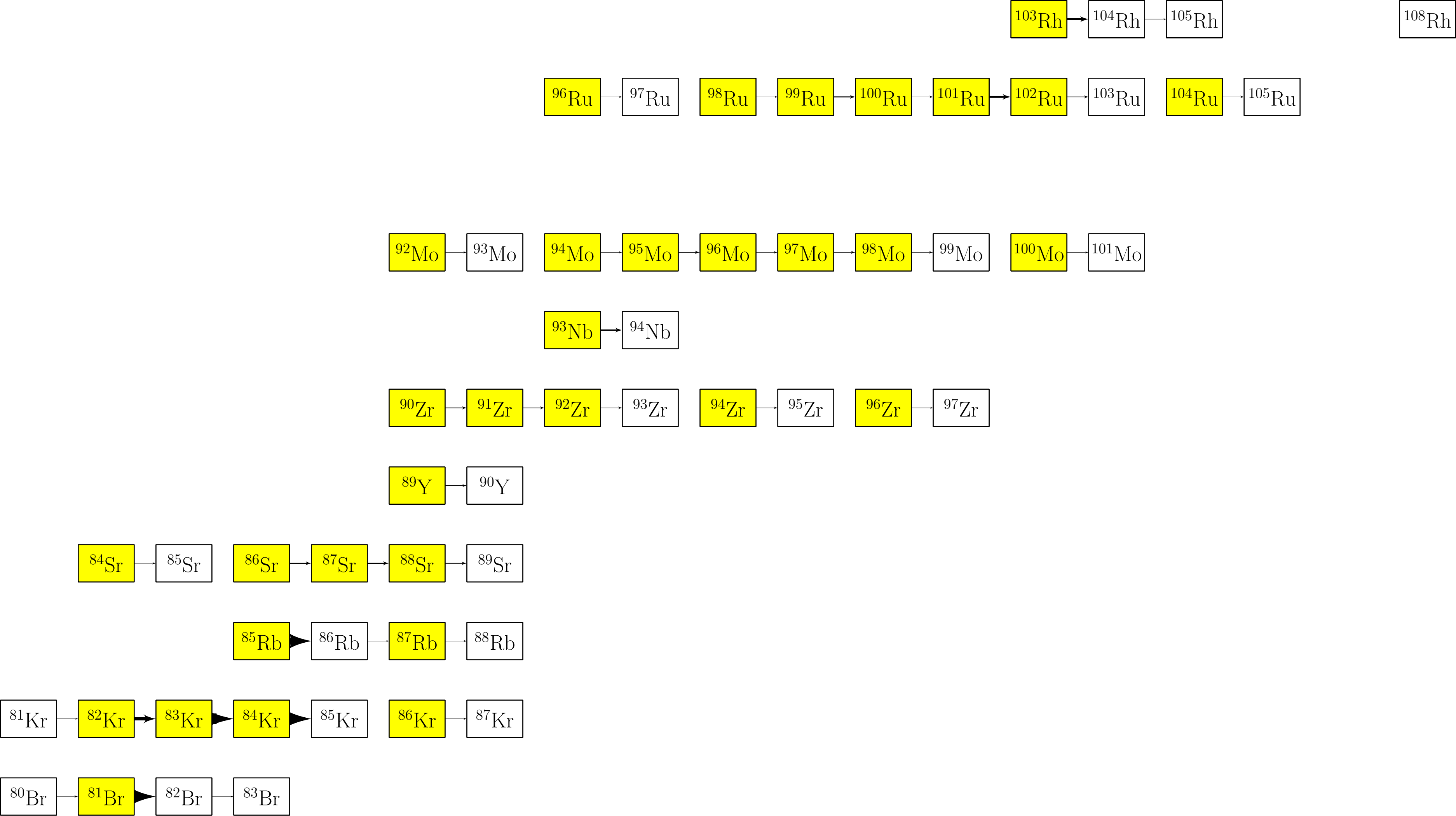
$time(s) = 1.38365e - 09 \quad T_9 = 0.200669 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 0.000150744$



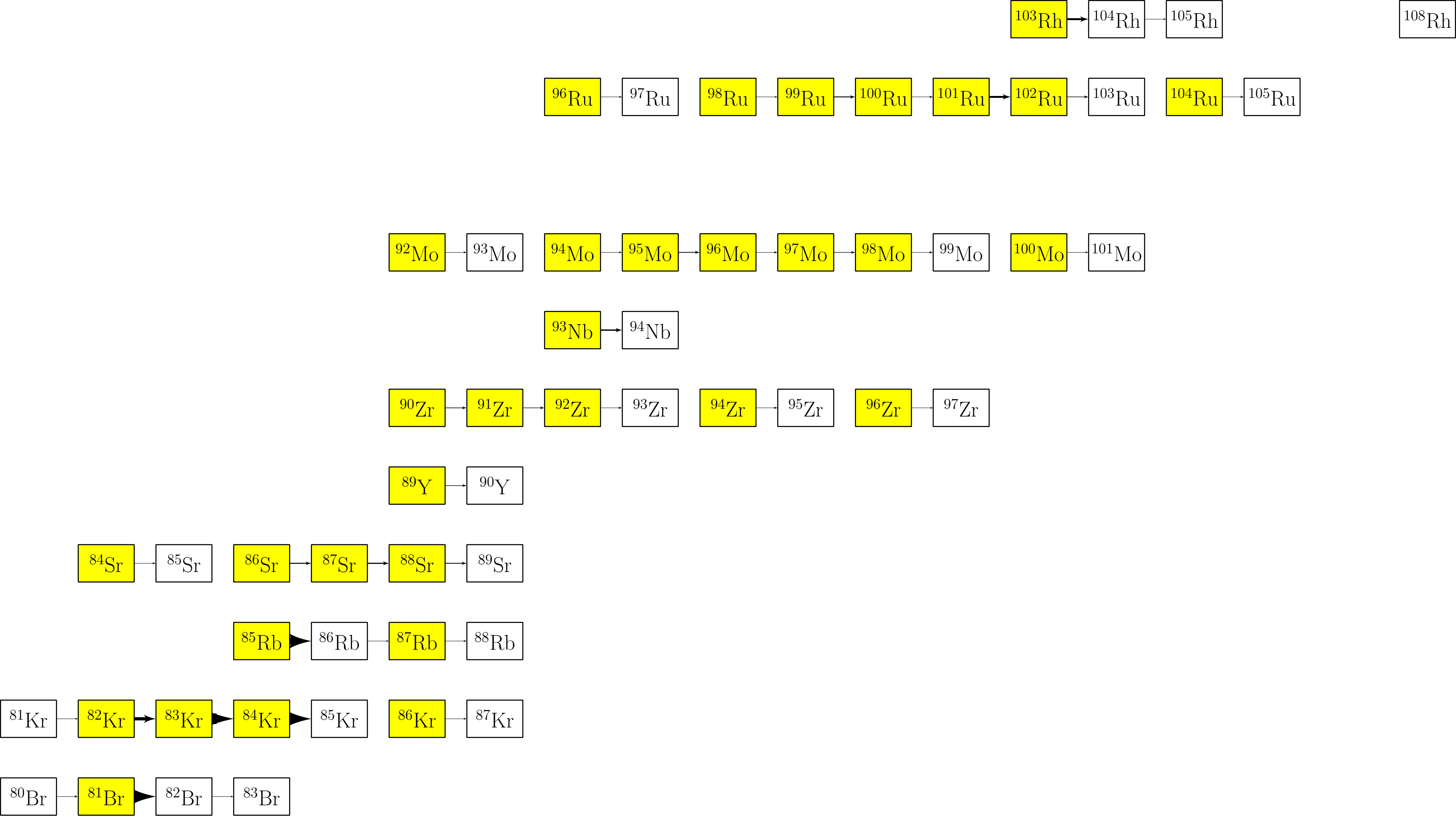
$time(s) = 3.01594e - 09$      $T_9 = 0.201071$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.78488e - 05$



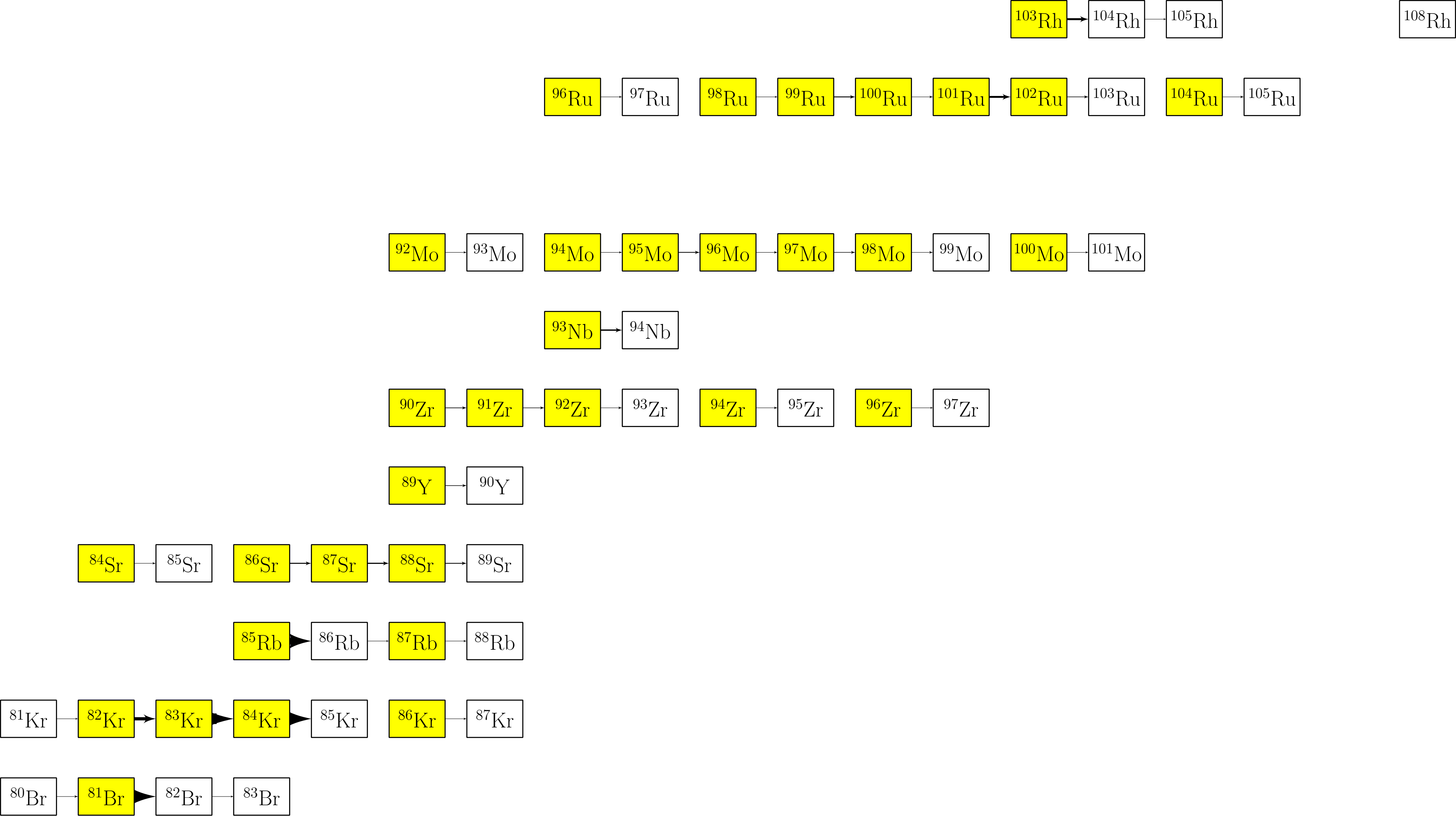
$time(s) = 4.81258e - 09 \quad T_9 = 0.201278 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 9.42836e - 06$



$time(s) = 7.15196e - 09 \quad T_9 = 0.201398 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.68652e - 06$

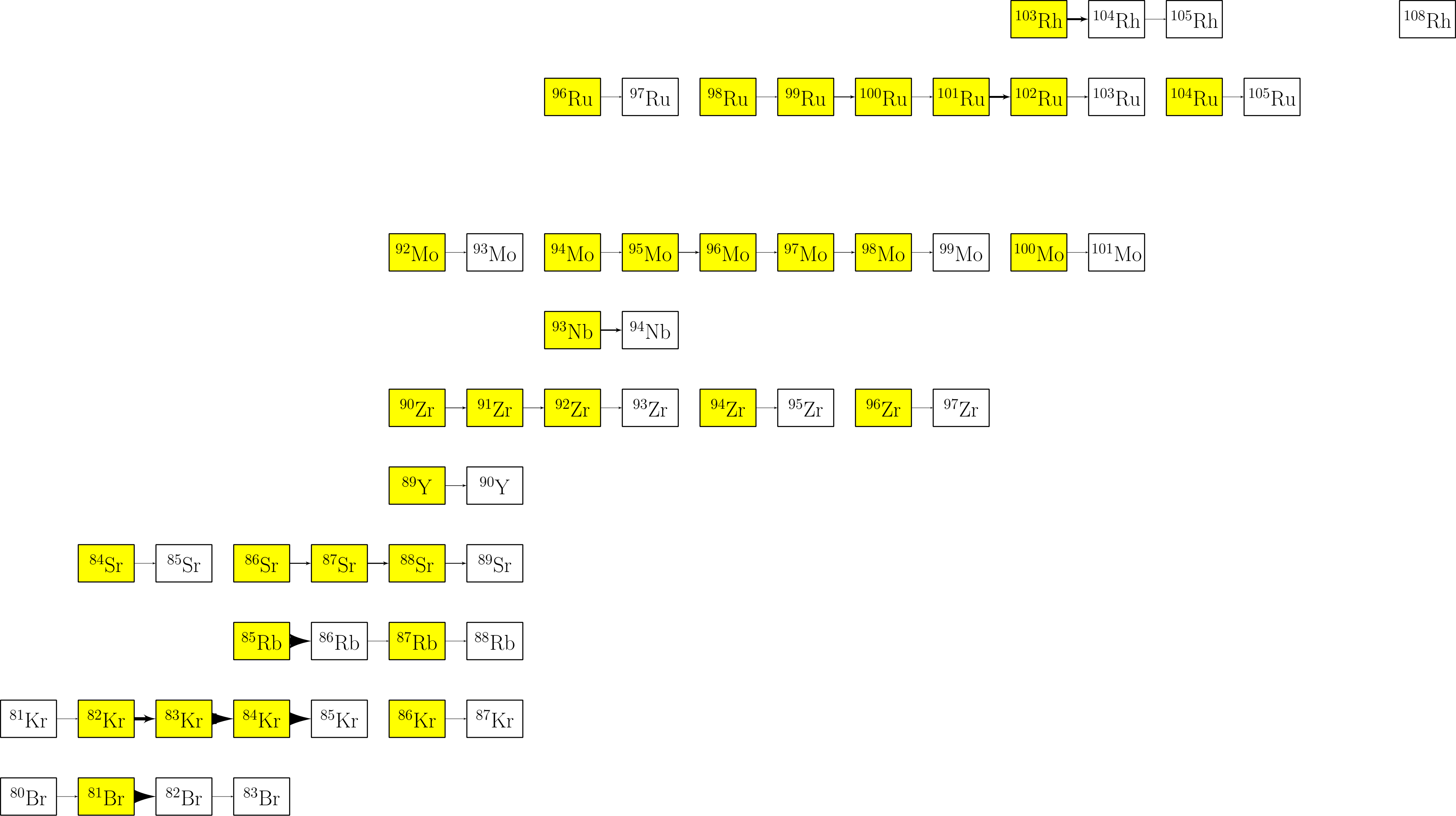


$time(s) = 9.66129e - 09 \quad T_9 = 0.201455 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.74023e - 07$

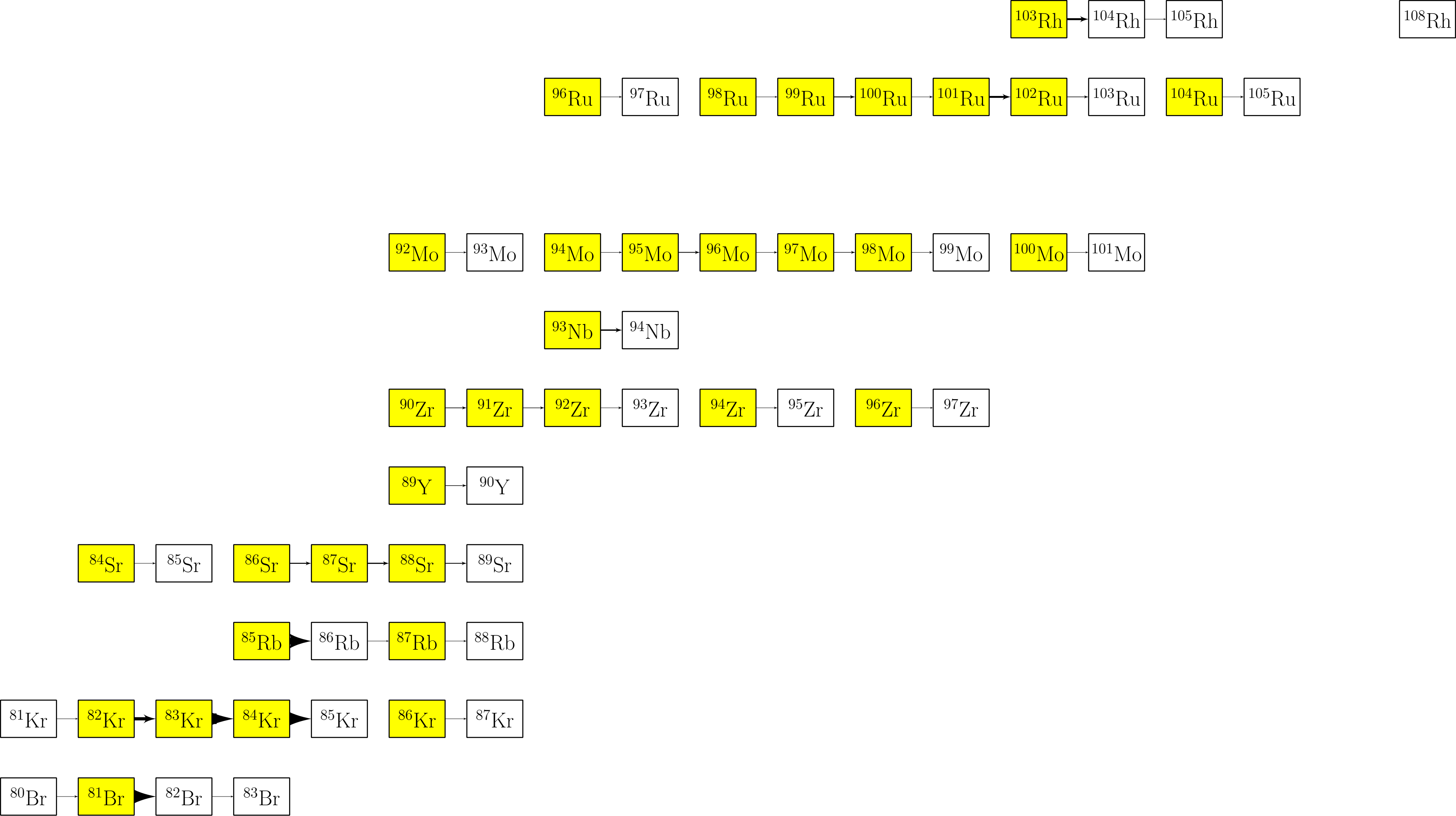


$time(s) = 1.21672e - 08$      $T_9 = 0.201481$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.55507e - 08$

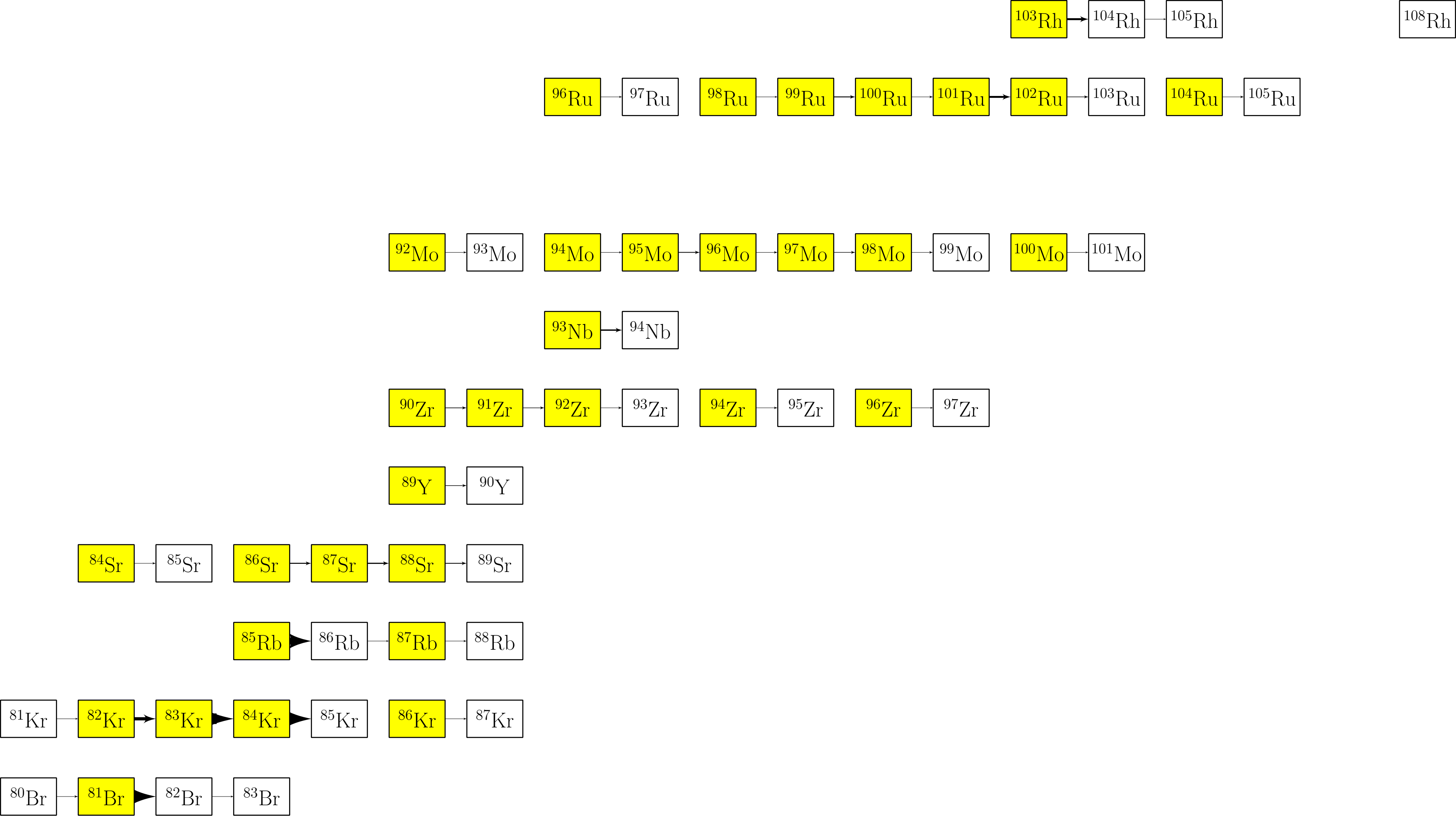




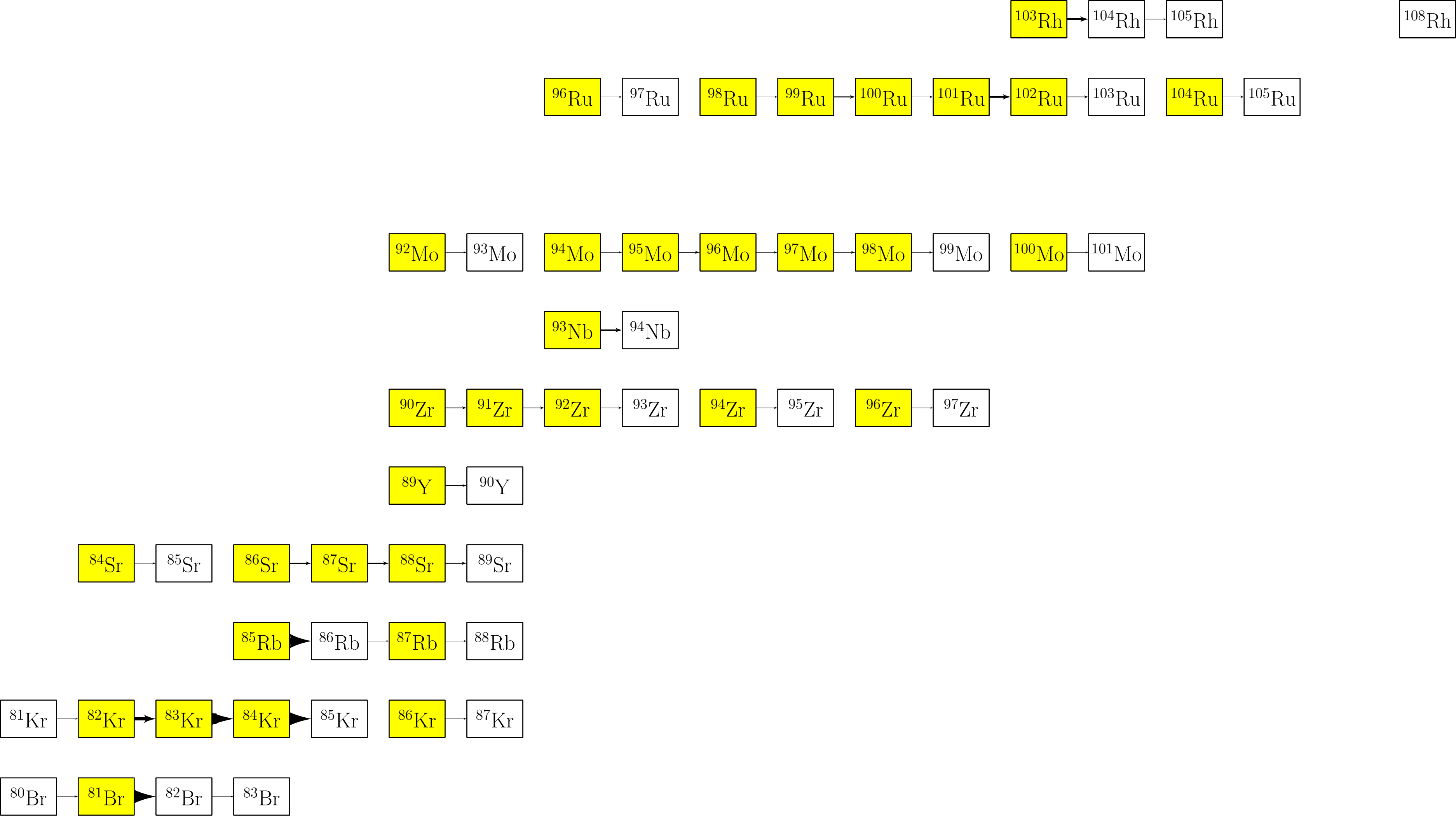
$time(s) = 1.46715e - 08$      $T_9 = 0.201493$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.88567e - 09$



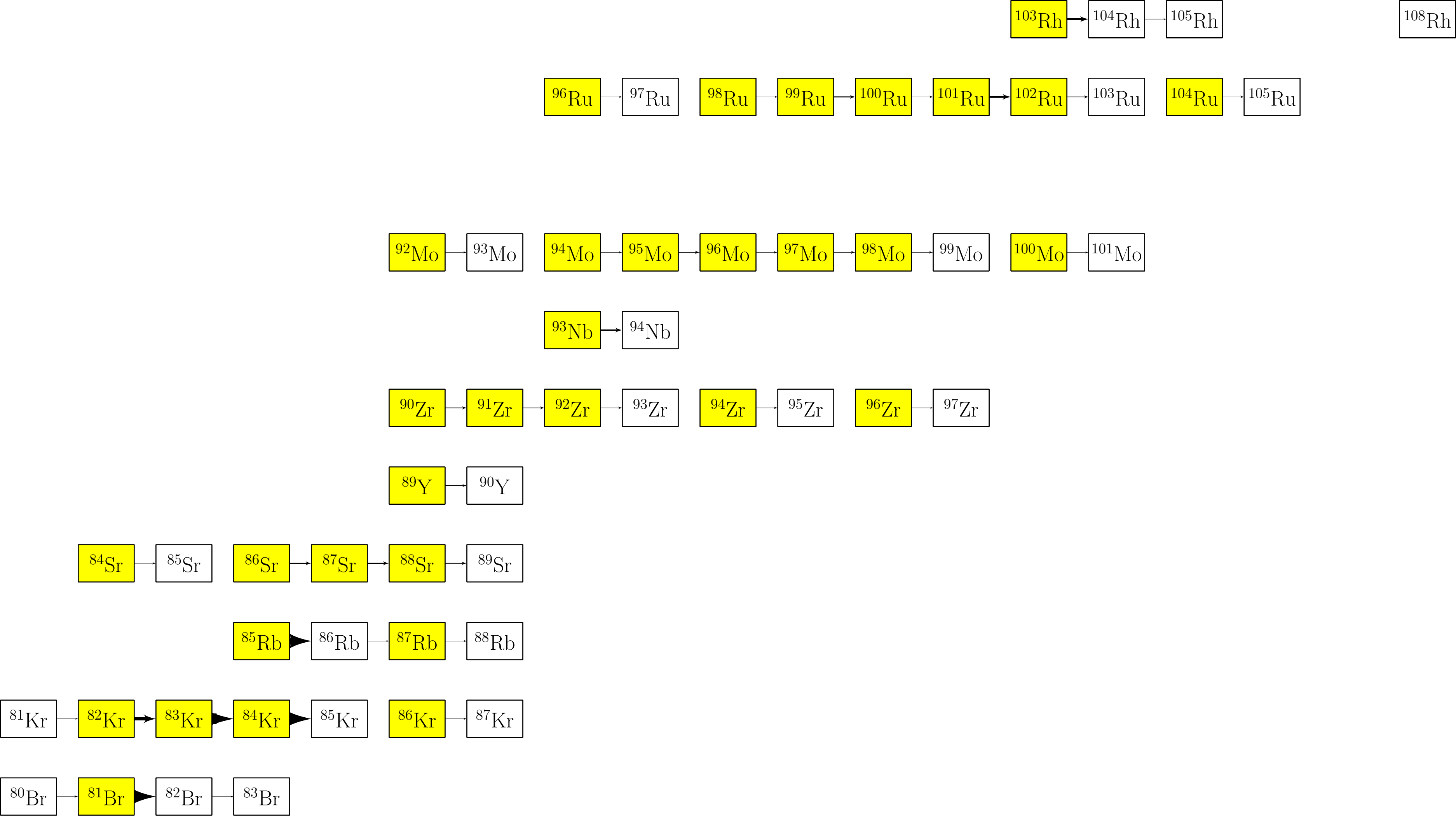
$time(s) = 1.72092e - 08 \quad T_9 = 0.2015 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.40475e - 09$



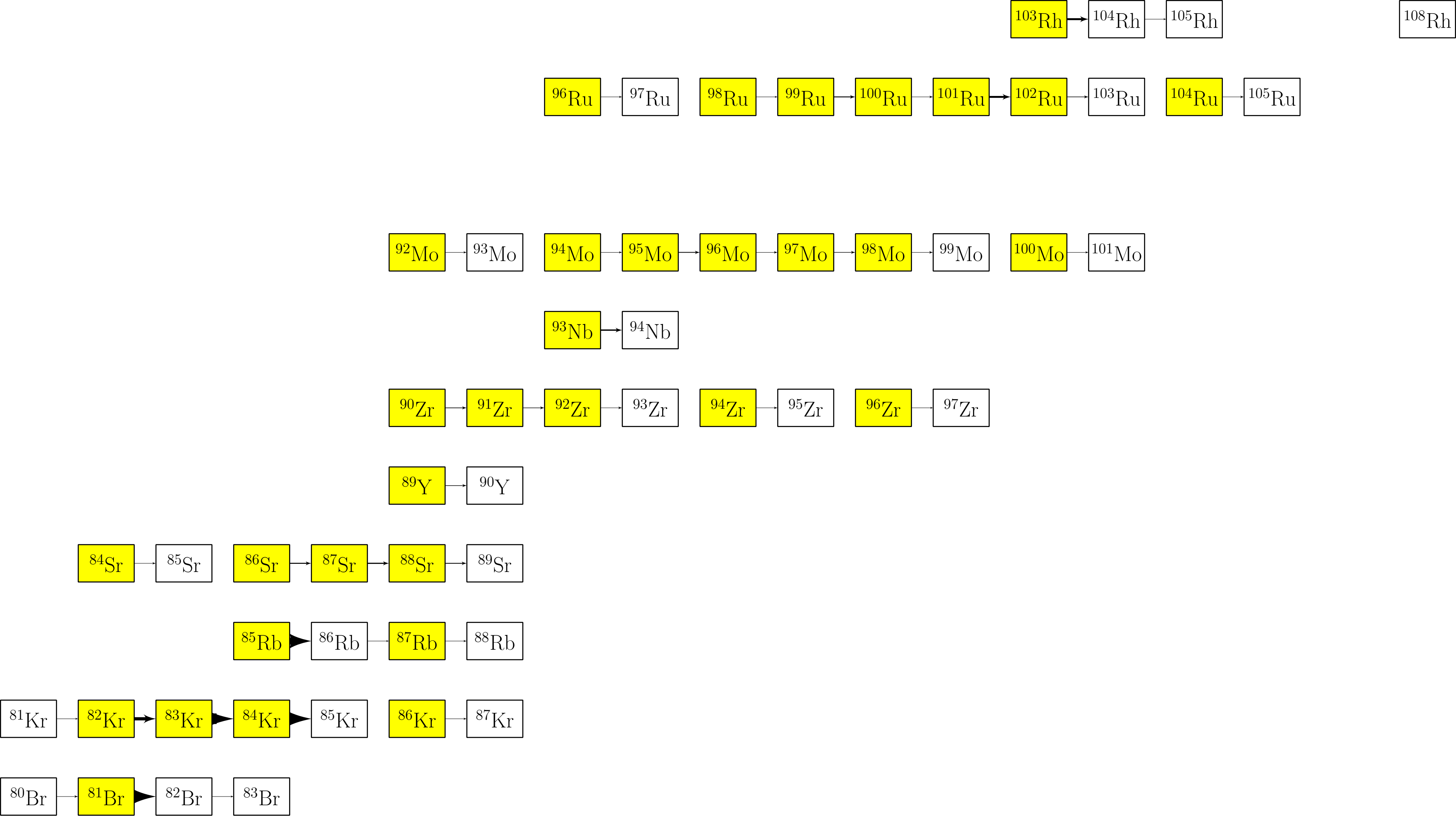
$$time(s) = 2.02303e - 08 \quad T_9 = 0.201505 \quad \rho(g/cc) = 1e + 07 \quad \text{flow}_{max} = 1.96067e - 10$$



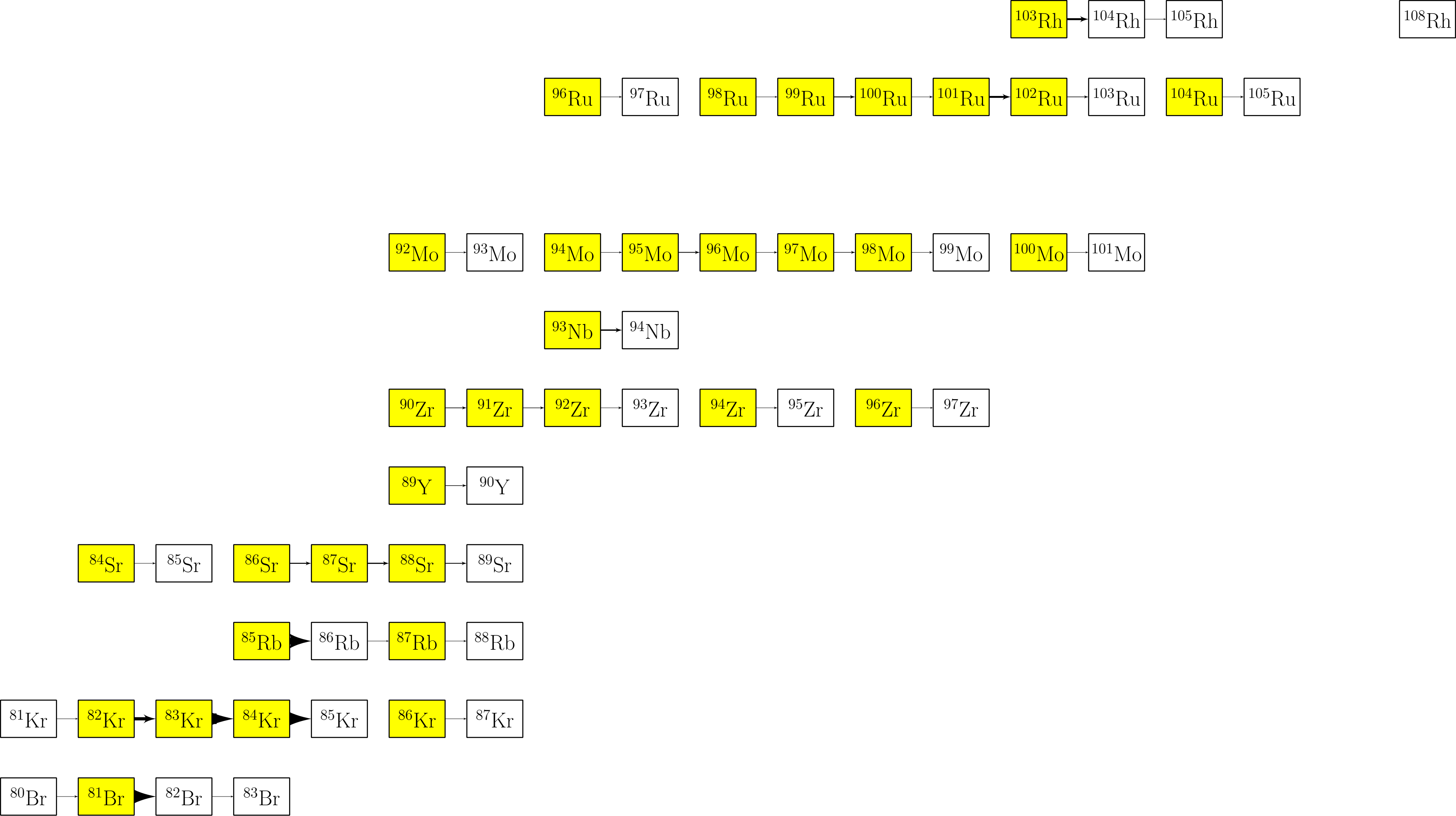
$time(s) = 2.47004e - 08 \quad T_9 = 0.20151 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.47102e - 11$



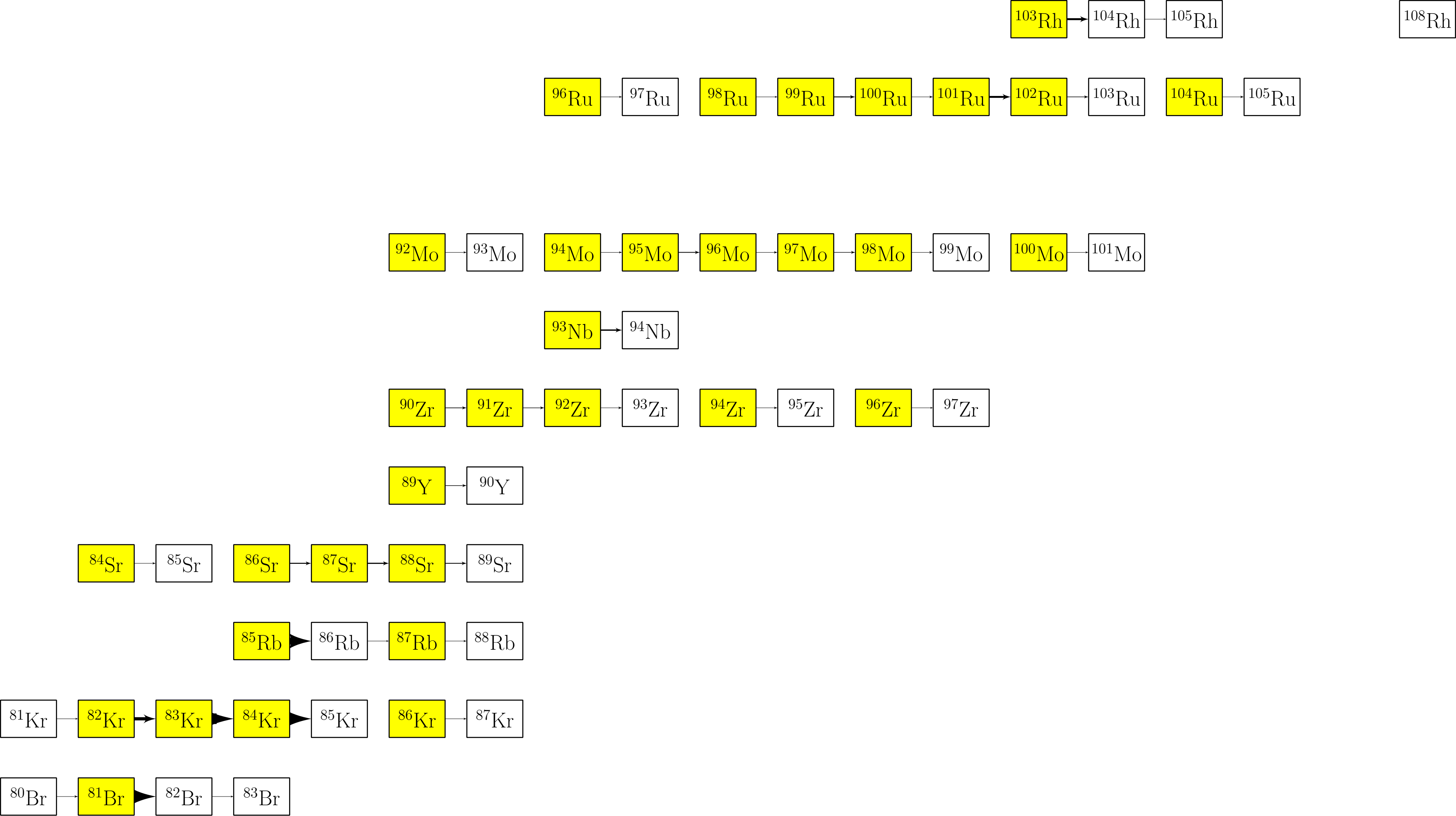
$time(s) = 2.91717e - 08$      $T_9 = 0.201514$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.86331e - 12$



$time(s) = 3.36435e - 08$      $T_9 = 0.201518$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.14998e - 12$

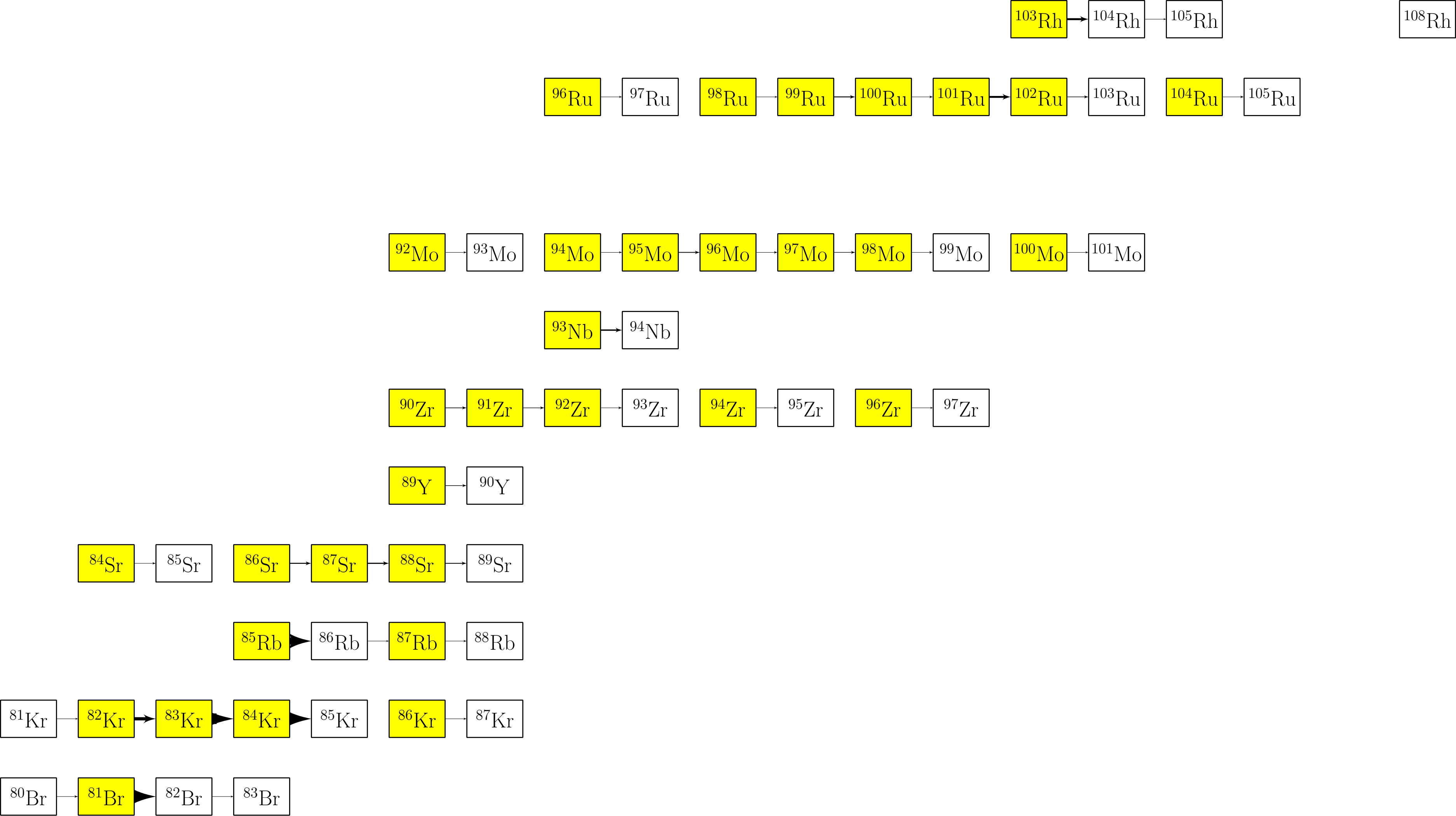


$time(s) = 3.99351e - 08$      $T_9 = 0.201523$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.05288e - 12$

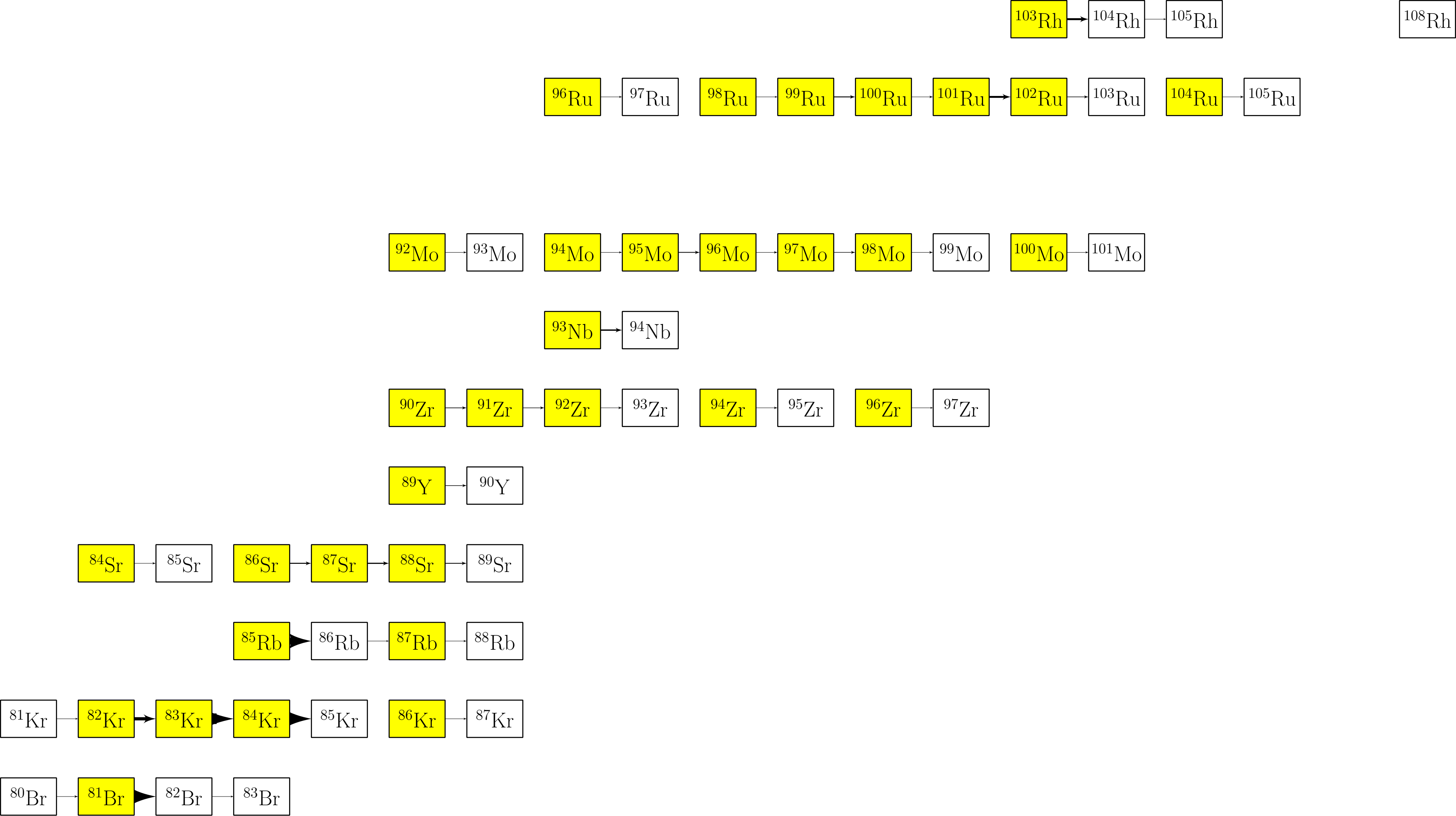


$time(s) = 6.40913e - 08 \quad T_9 = 0.201542 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.9037e - 12$

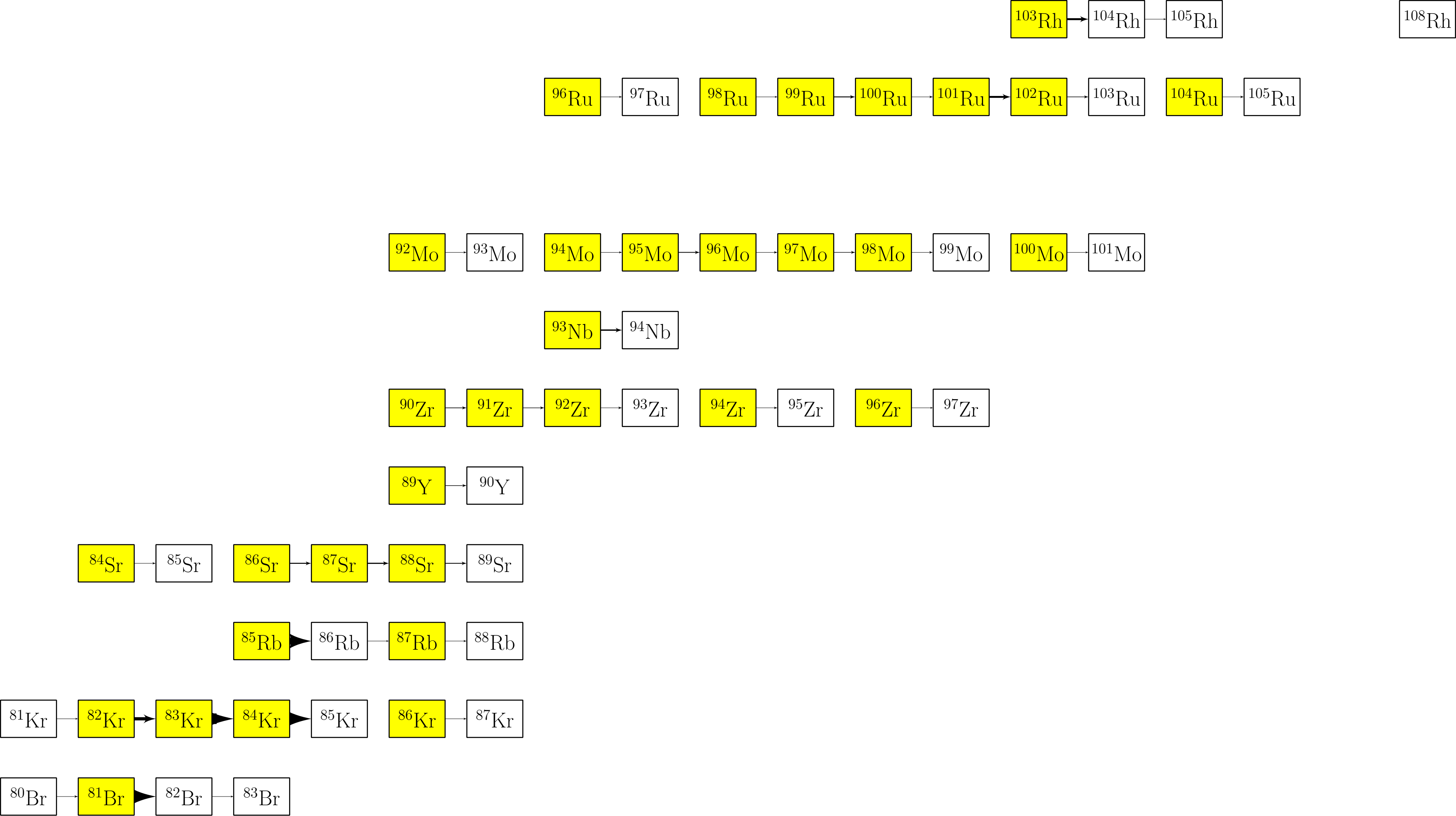




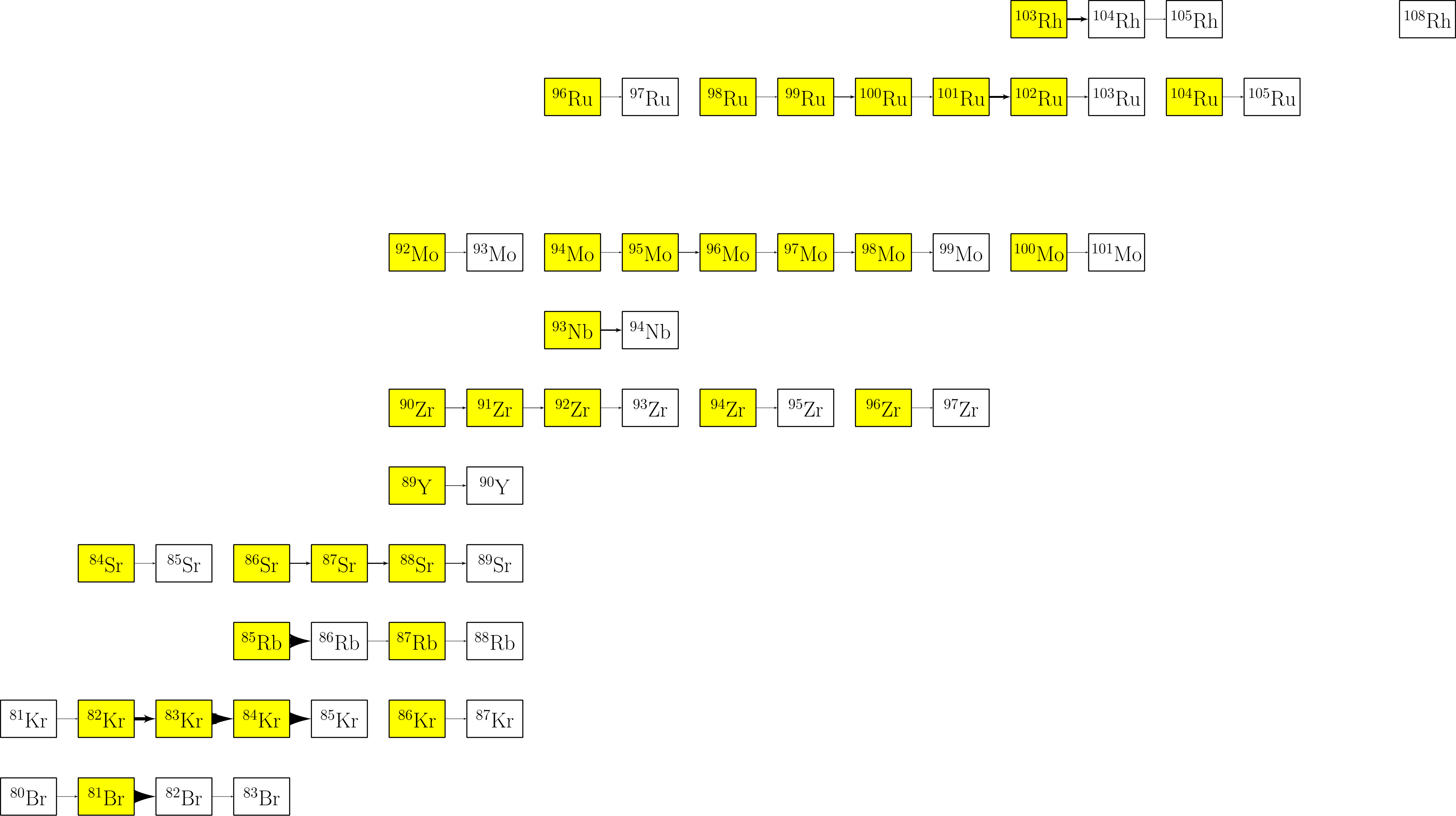
$time(s) = 1.38734e - 07$      $T_9 = 0.201602$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.60819e - 12$



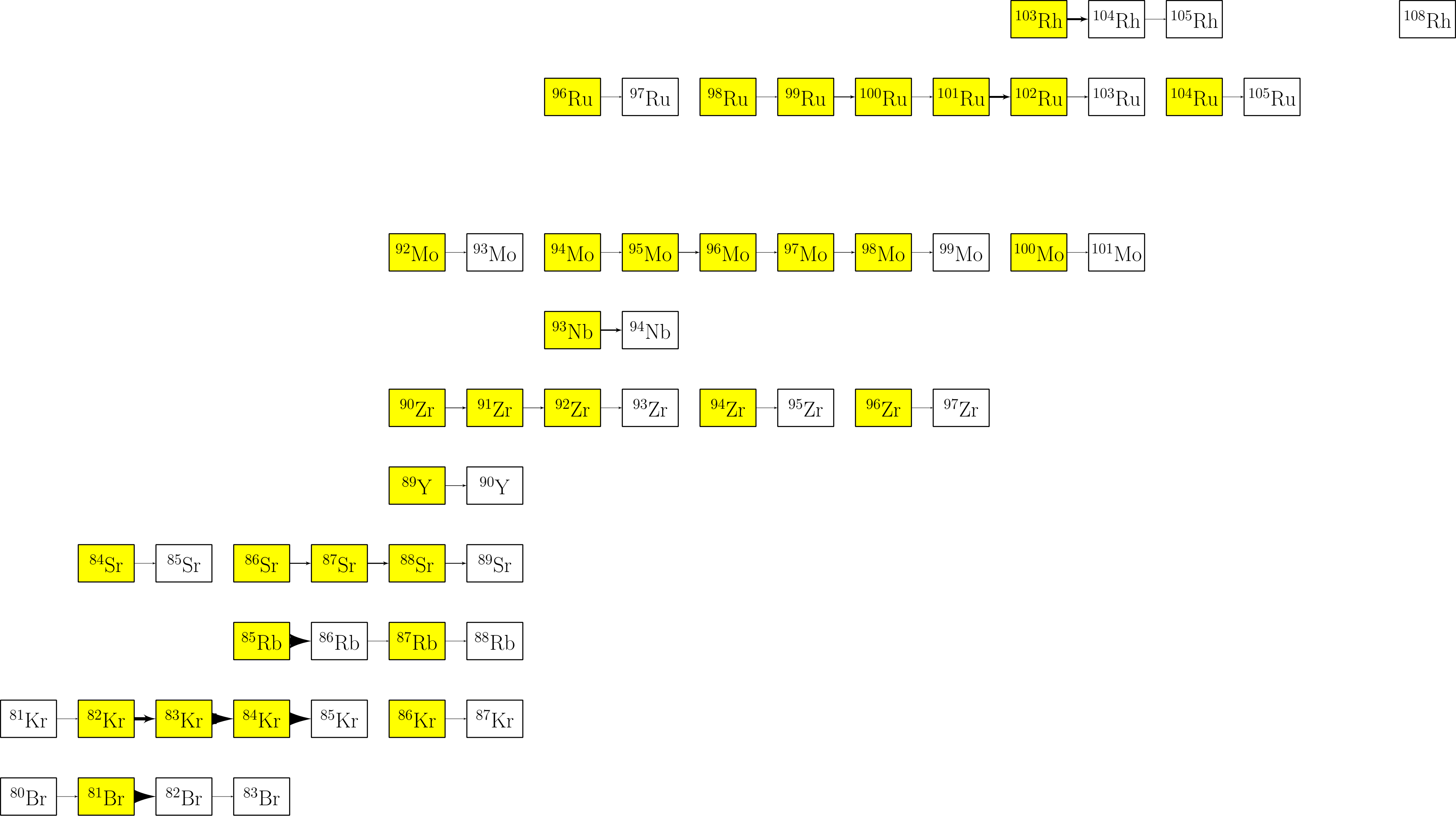
$time(s) = 2.96398e - 07$      $T_9 = 0.201727$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.25635e - 12$



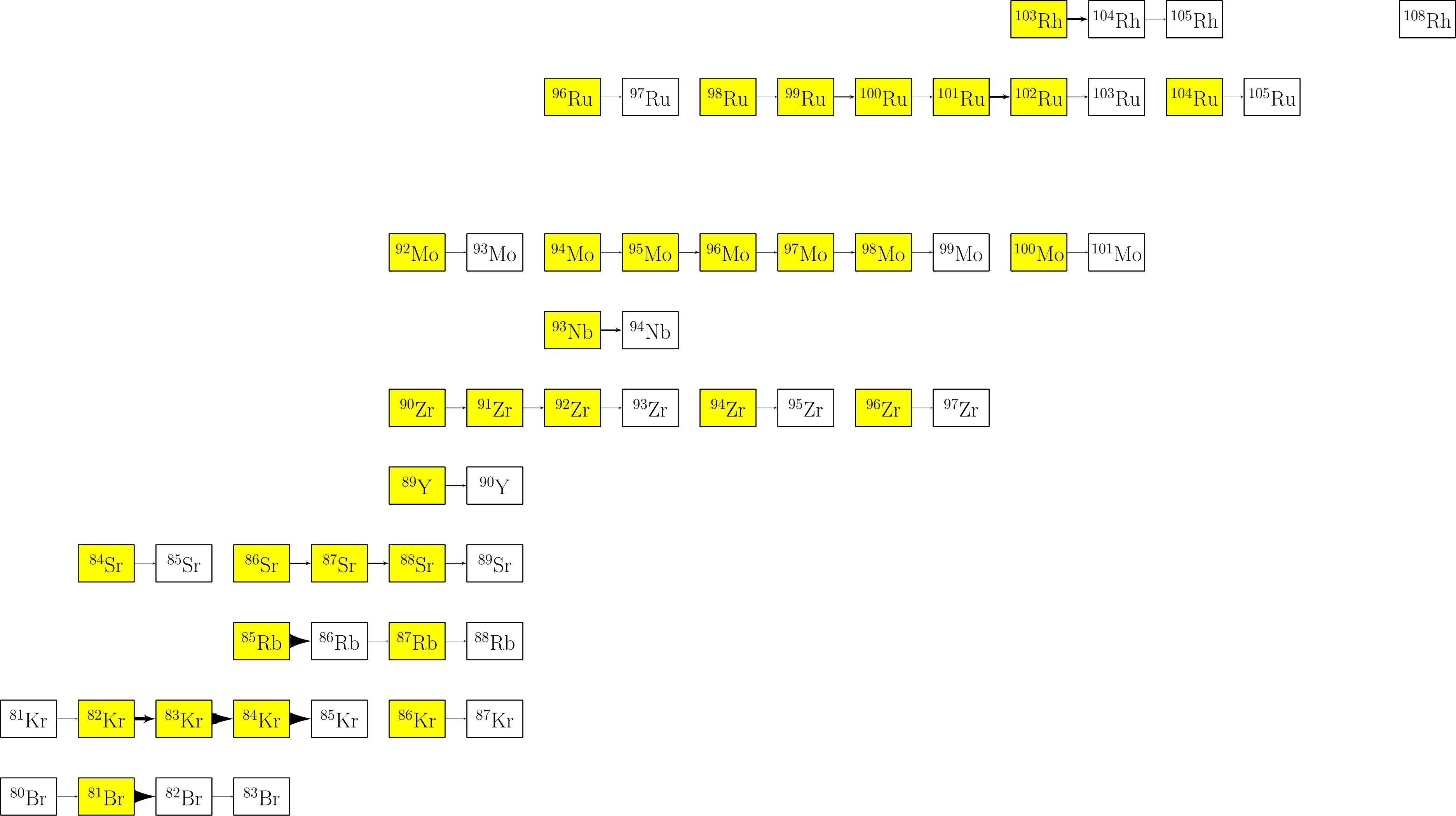
$time(s) = 6.06203e - 07$      $T_9 = 0.201965$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.90886e - 12$



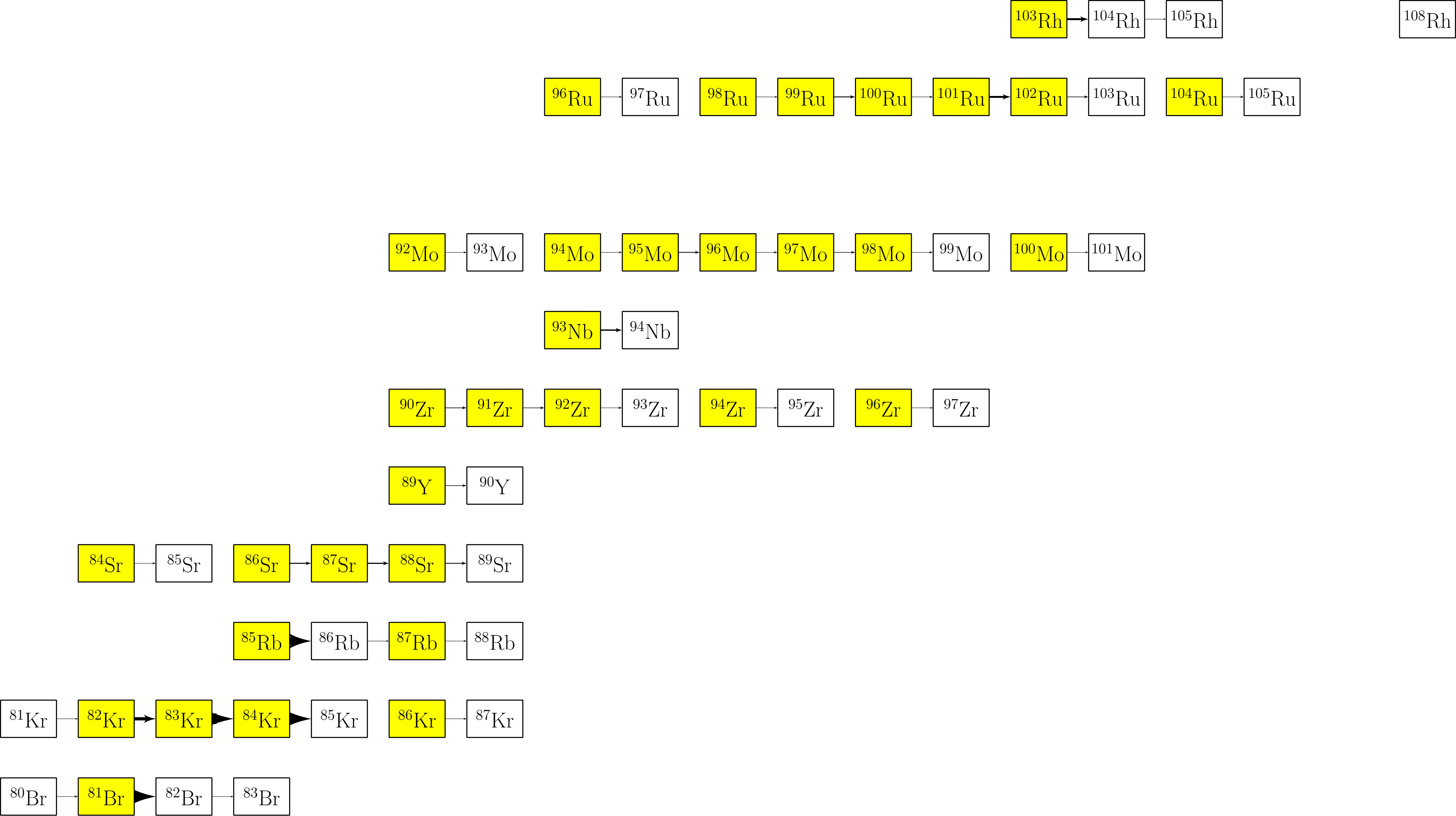
$time(s) = 9.50813e - 07$      $T_9 = 0.202223$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.67213e - 12$



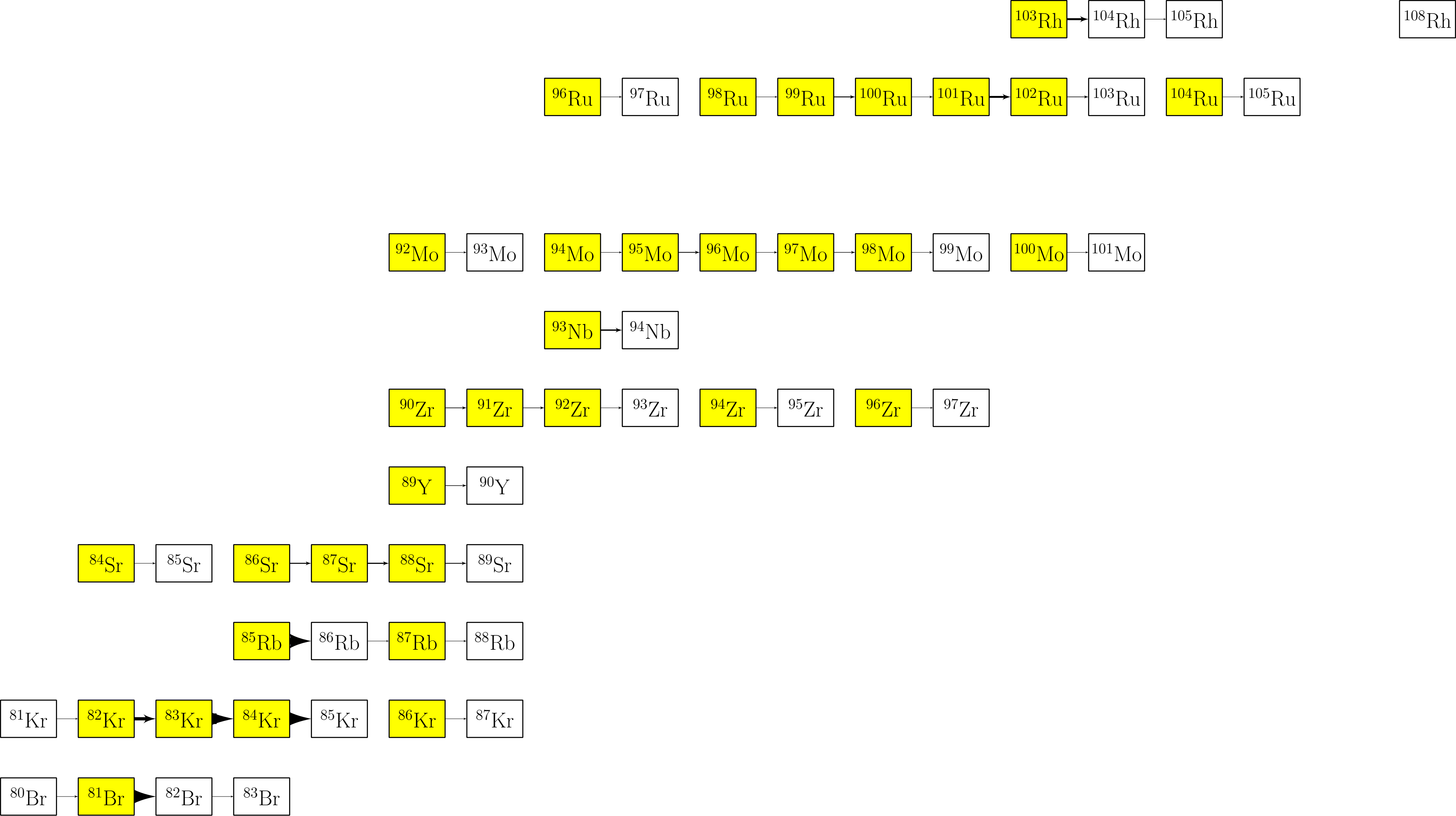
$time(s) = 1.28932e - 06$      $T_9 = 0.202459$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.49809e - 12$



$time(s) = 1.81523e - 06$      $T_9 = 0.202765$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.29226e - 12$

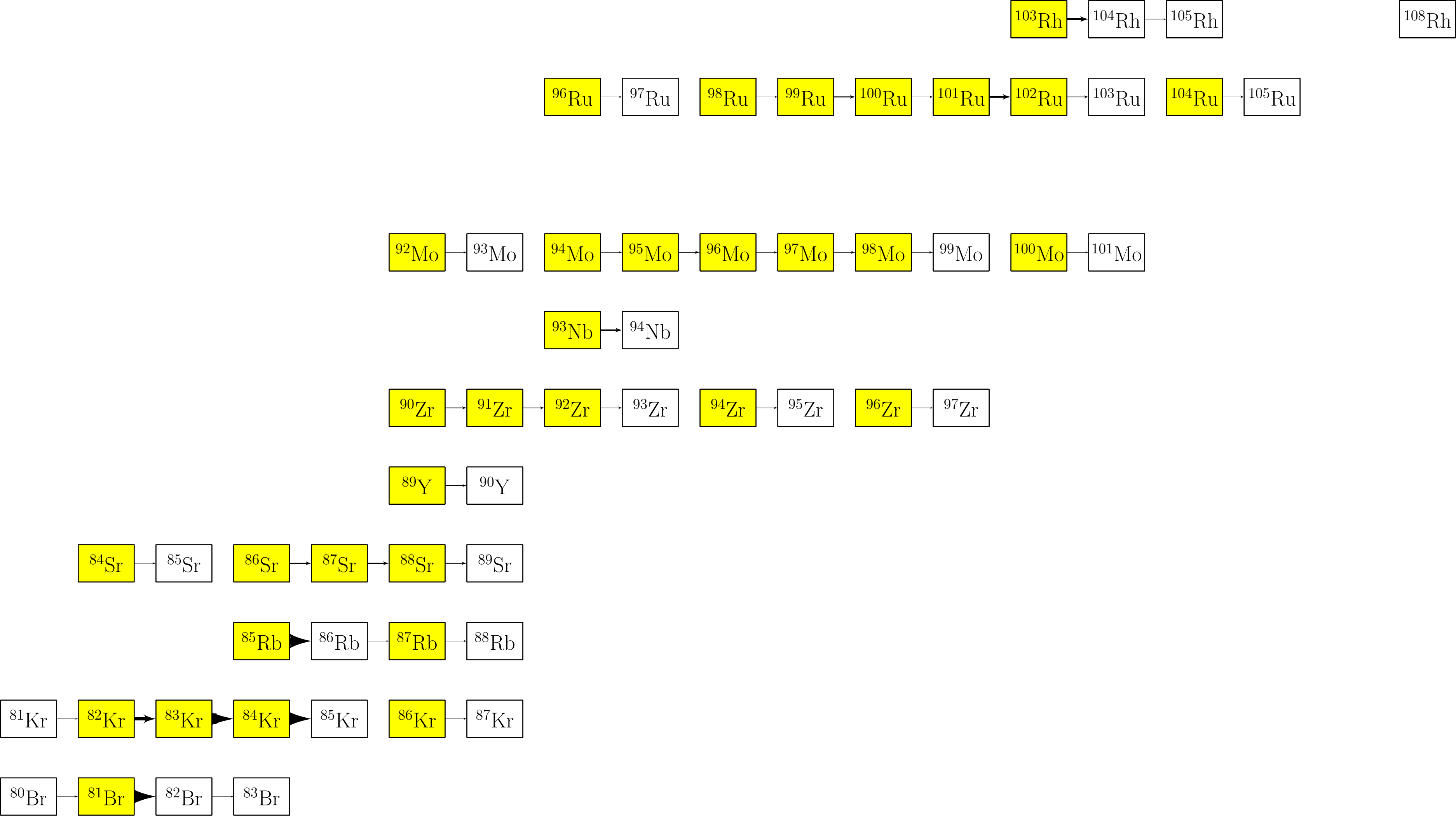


$time(s) = 3.32442e - 06 \quad T_9 = 0.20358 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 9.32776e - 13$

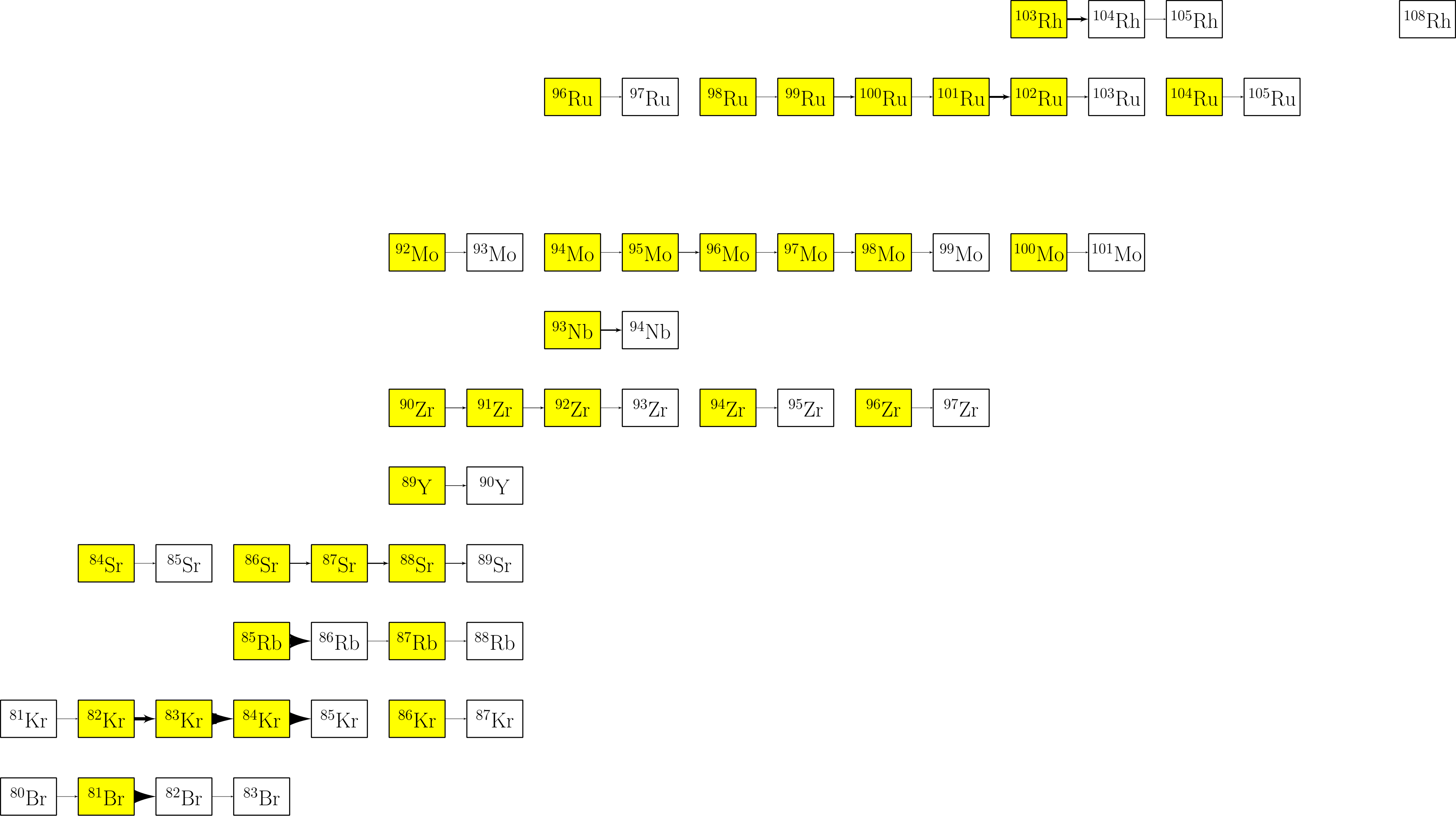


$time(s) = 4.93858e - 06$      $T_9 = 0.204368$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.04268e - 13$

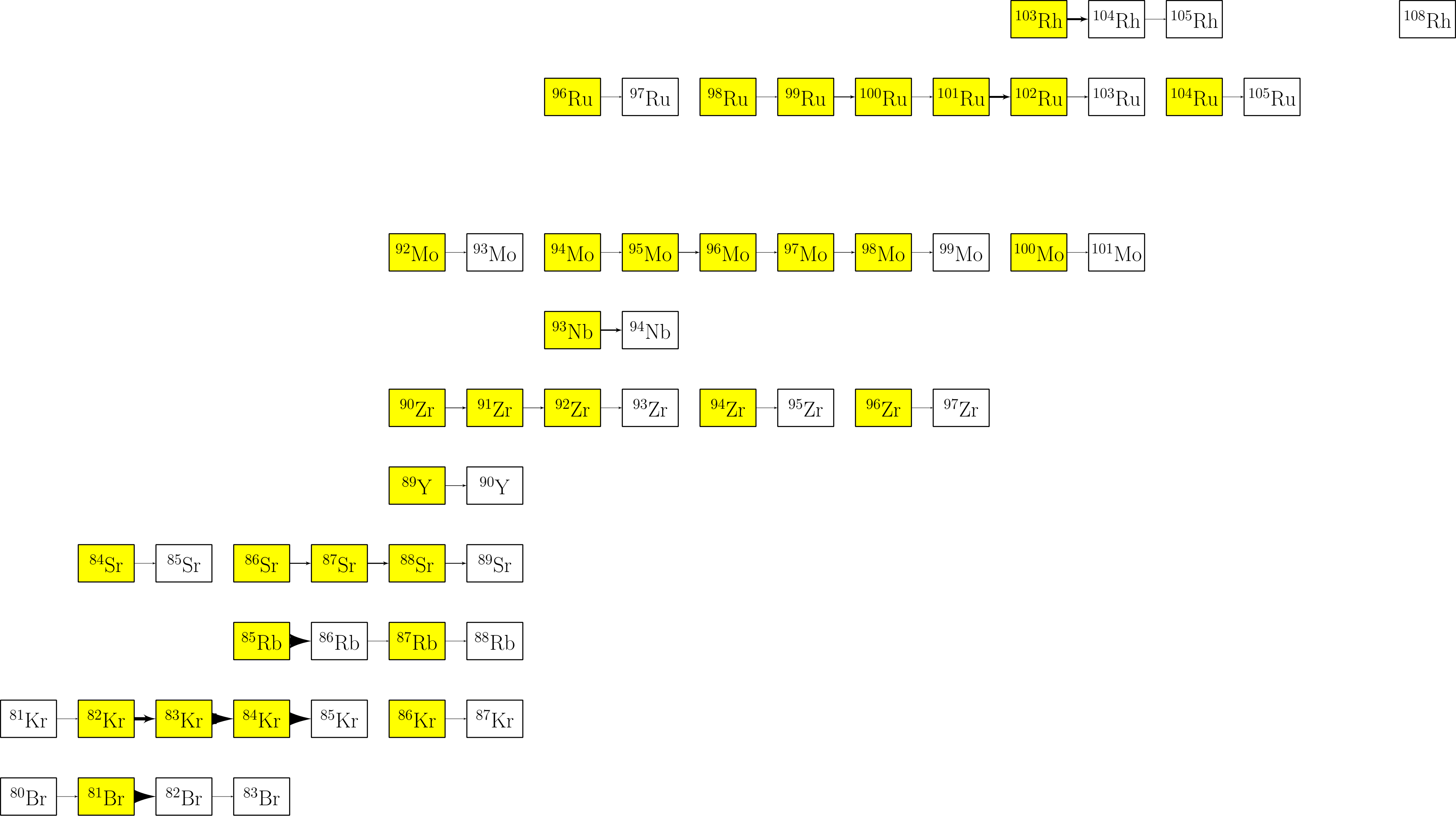




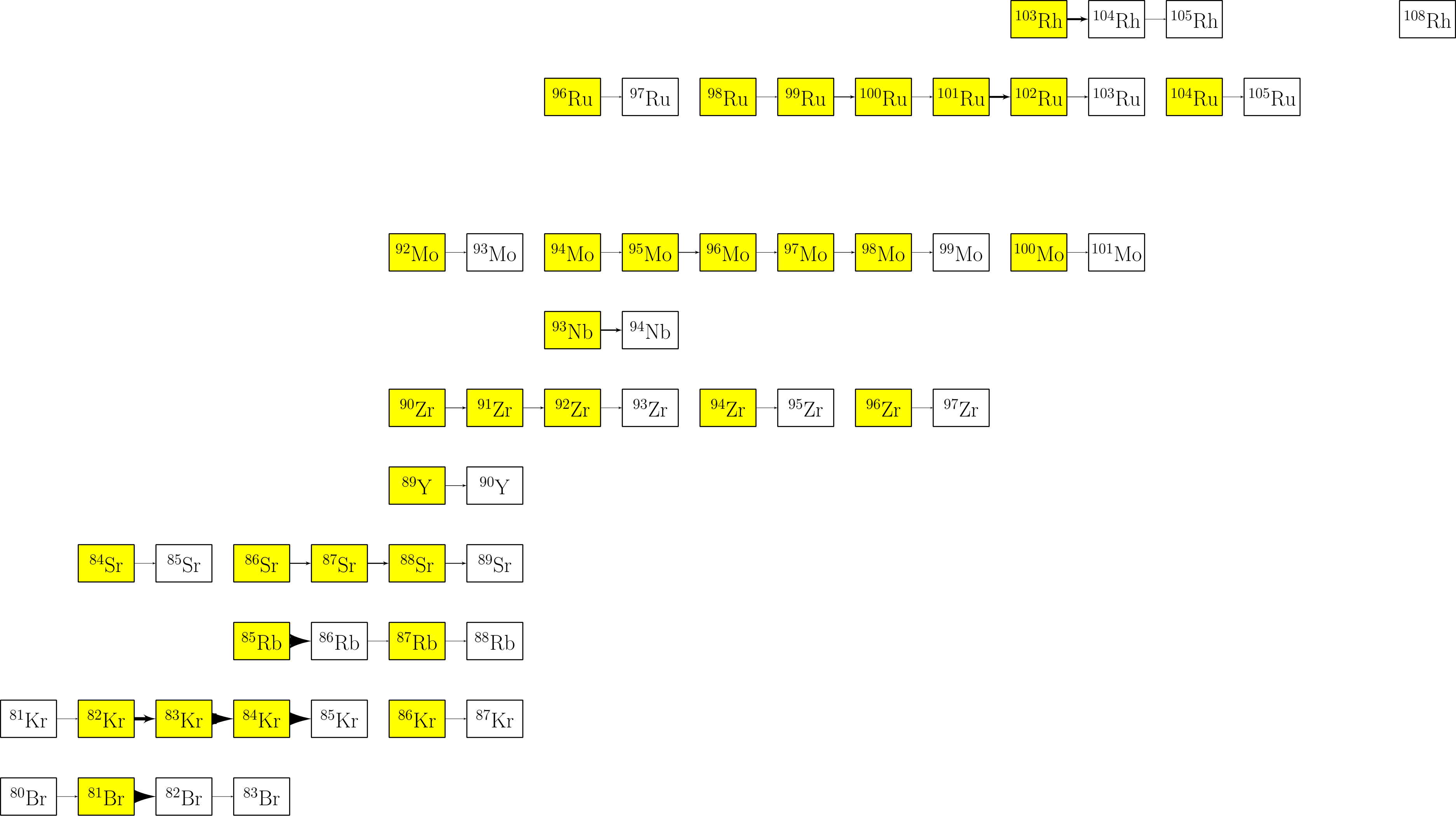
$time(s) = 6.5005e - 06 \quad T_9 = 0.205043 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 5.52025e - 13$



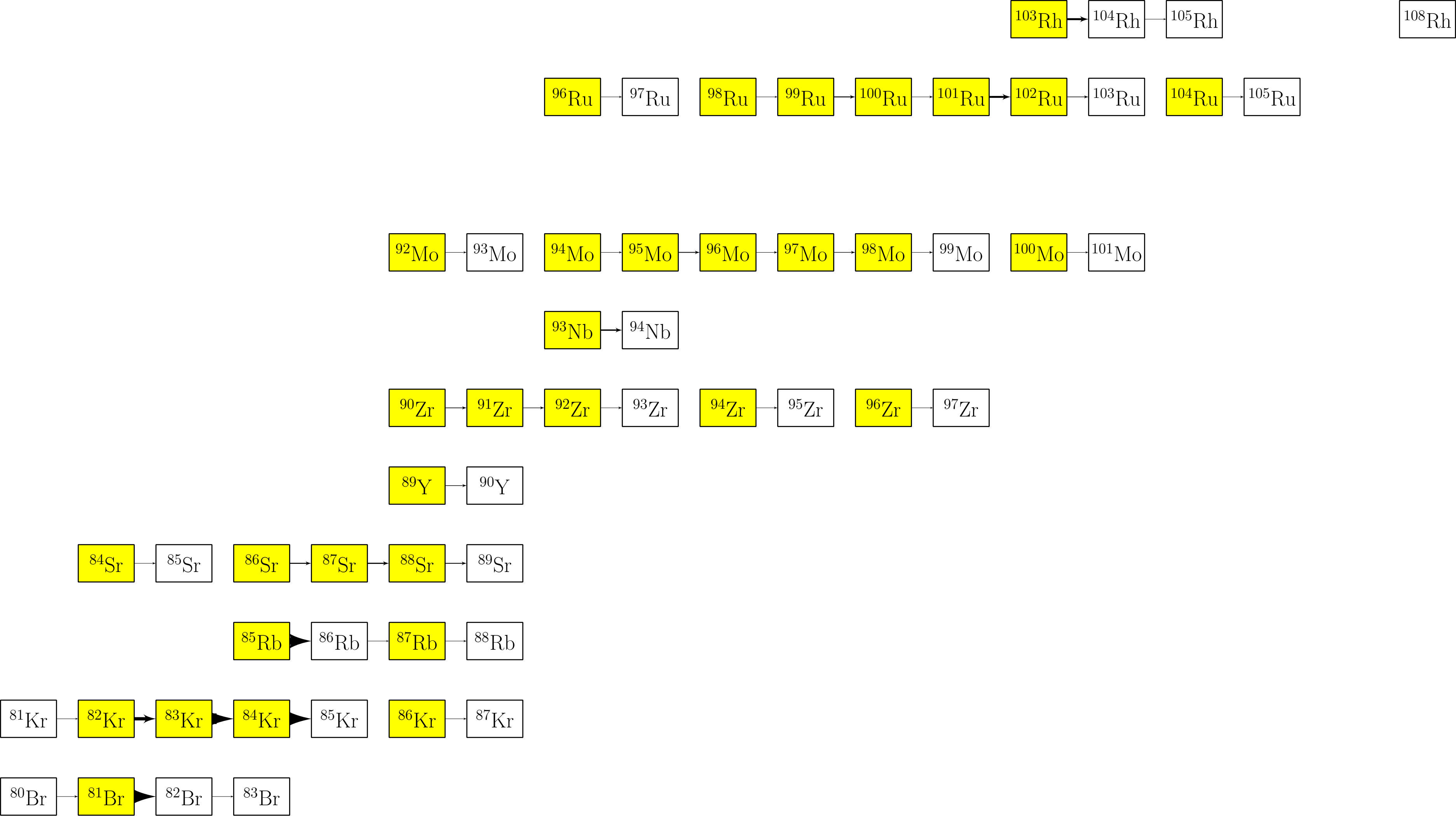
$time(s) = 8.0186e - 06 \quad T_9 = 0.205636 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 4.44137e - 13$



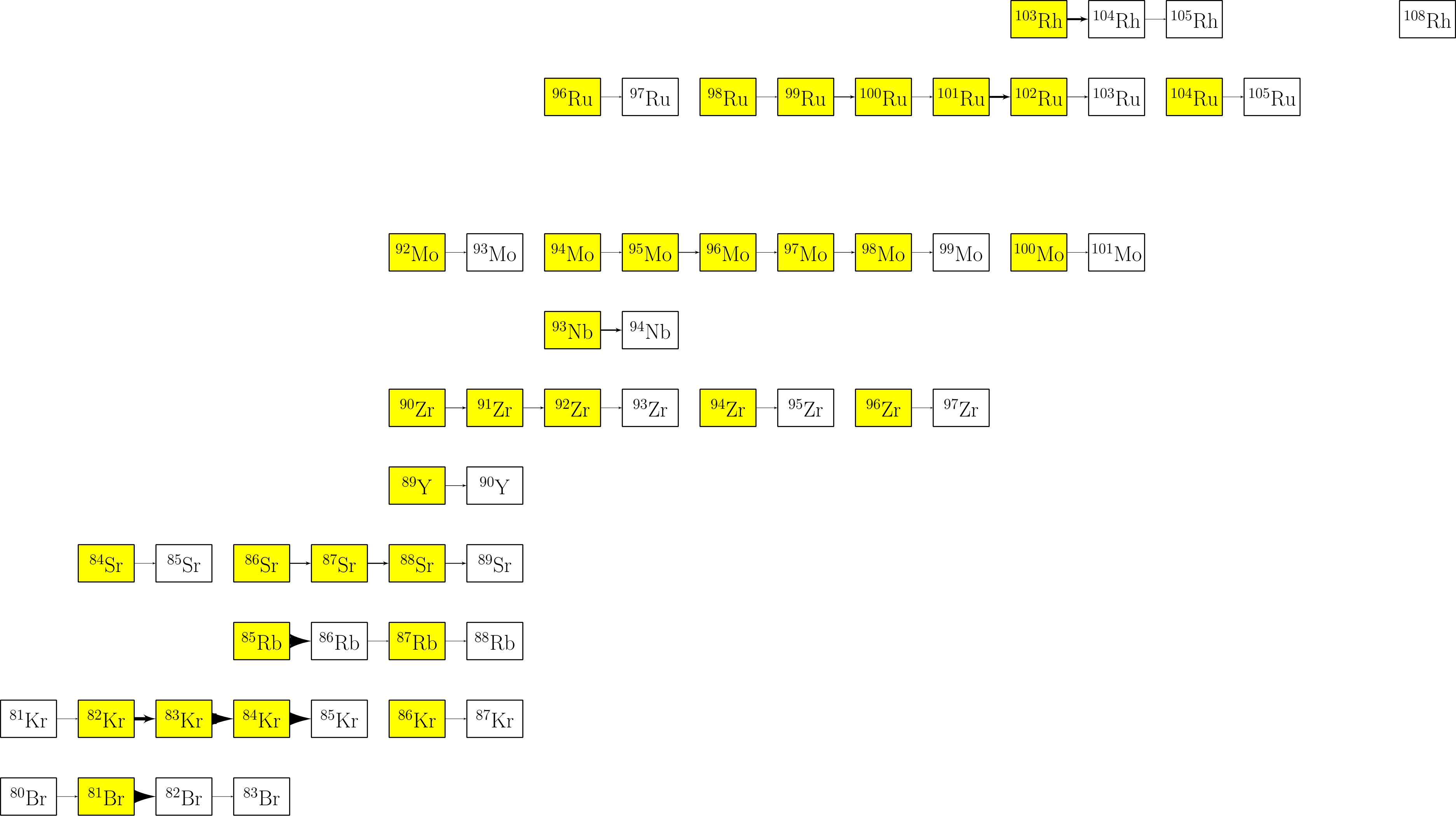
$time(s) = 1.00156e - 05$      $T_9 = 0.206307$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.43773e - 13$



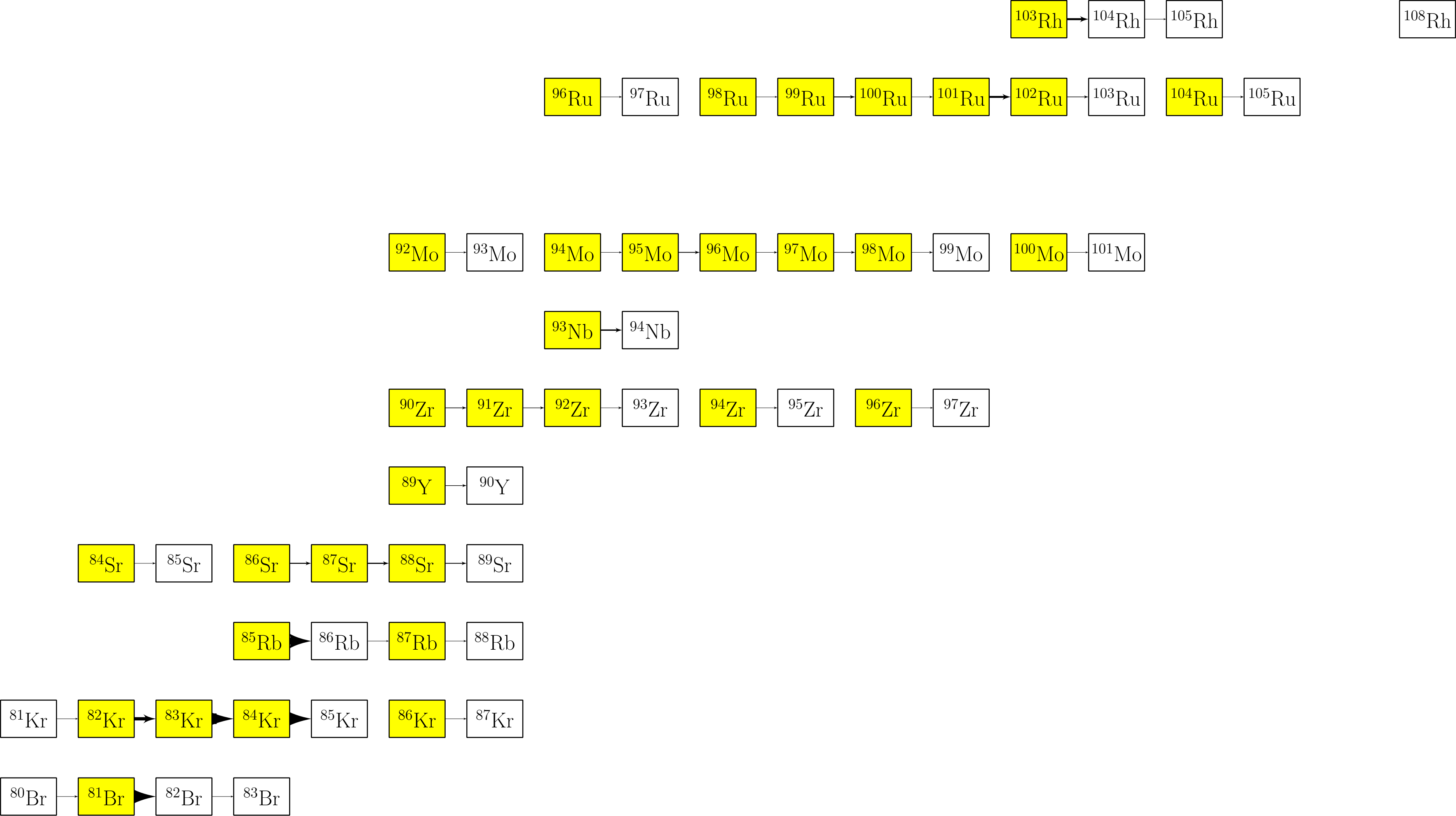
$time(s) = 1.21781e - 05 \quad T_9 = 0.206963 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.72105e - 13$



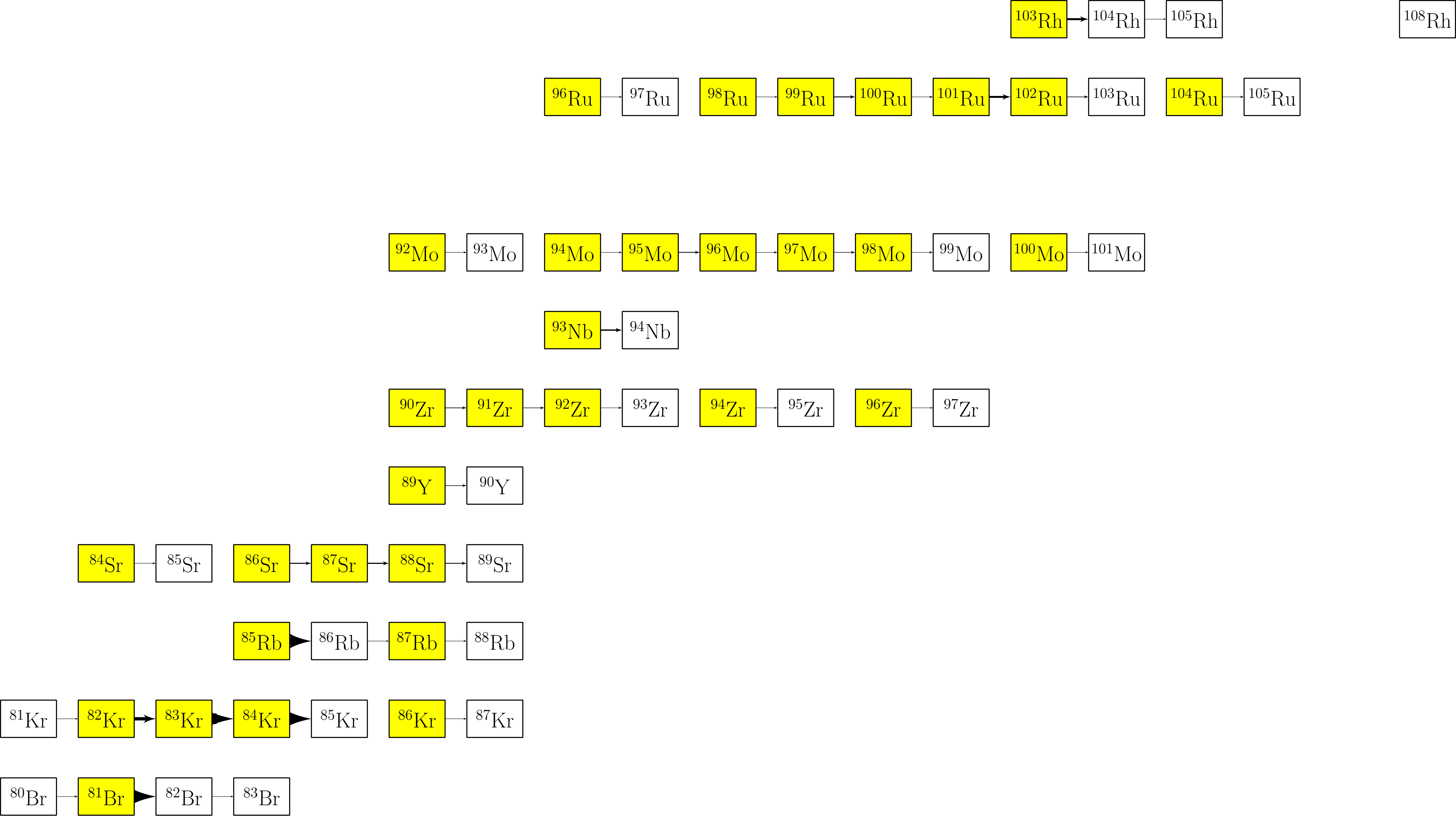
$time(s) = 1.60341e - 05$      $T_9 = 0.207862$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.00722e - 13$



$time(s) = 2.02874e - 05$      $T_9 = 0.208649$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.64036e - 13$

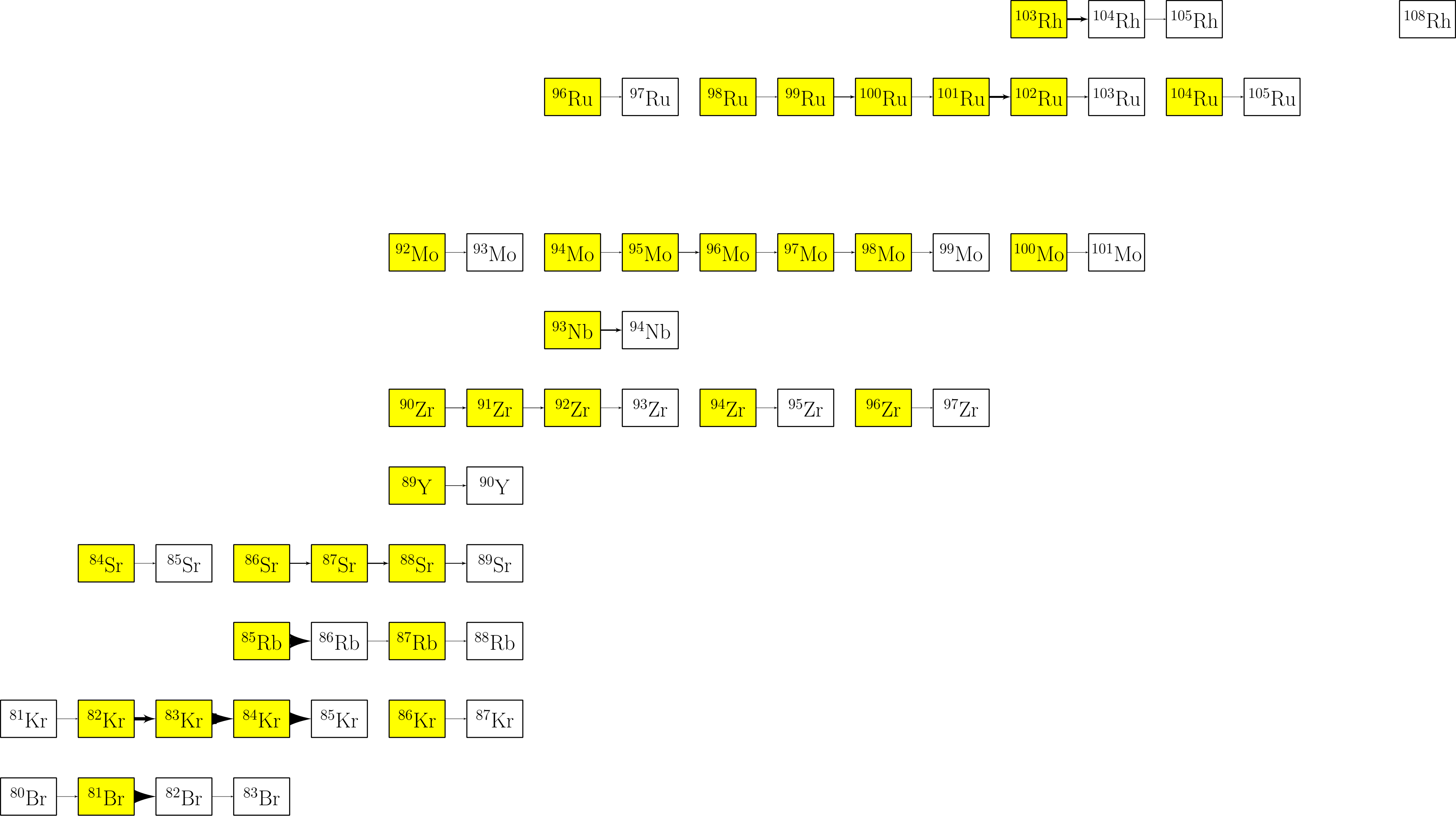


$time(s) = 2.44022e - 05$      $T_9 = 0.209197$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.45888e - 13$

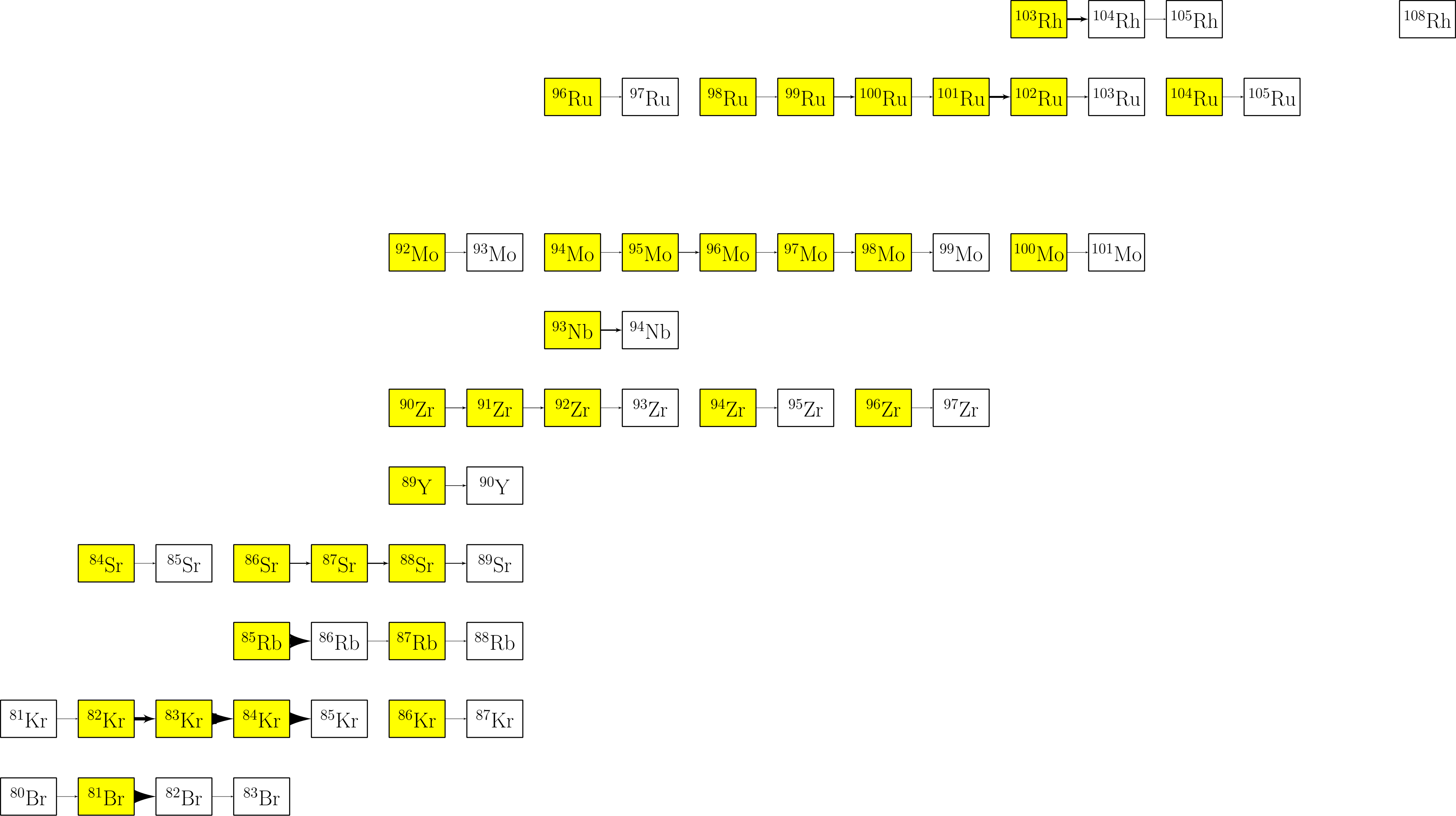


$time(s) = 2.92637e - 05 \quad T_9 = 0.209644 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.32961e - 13$

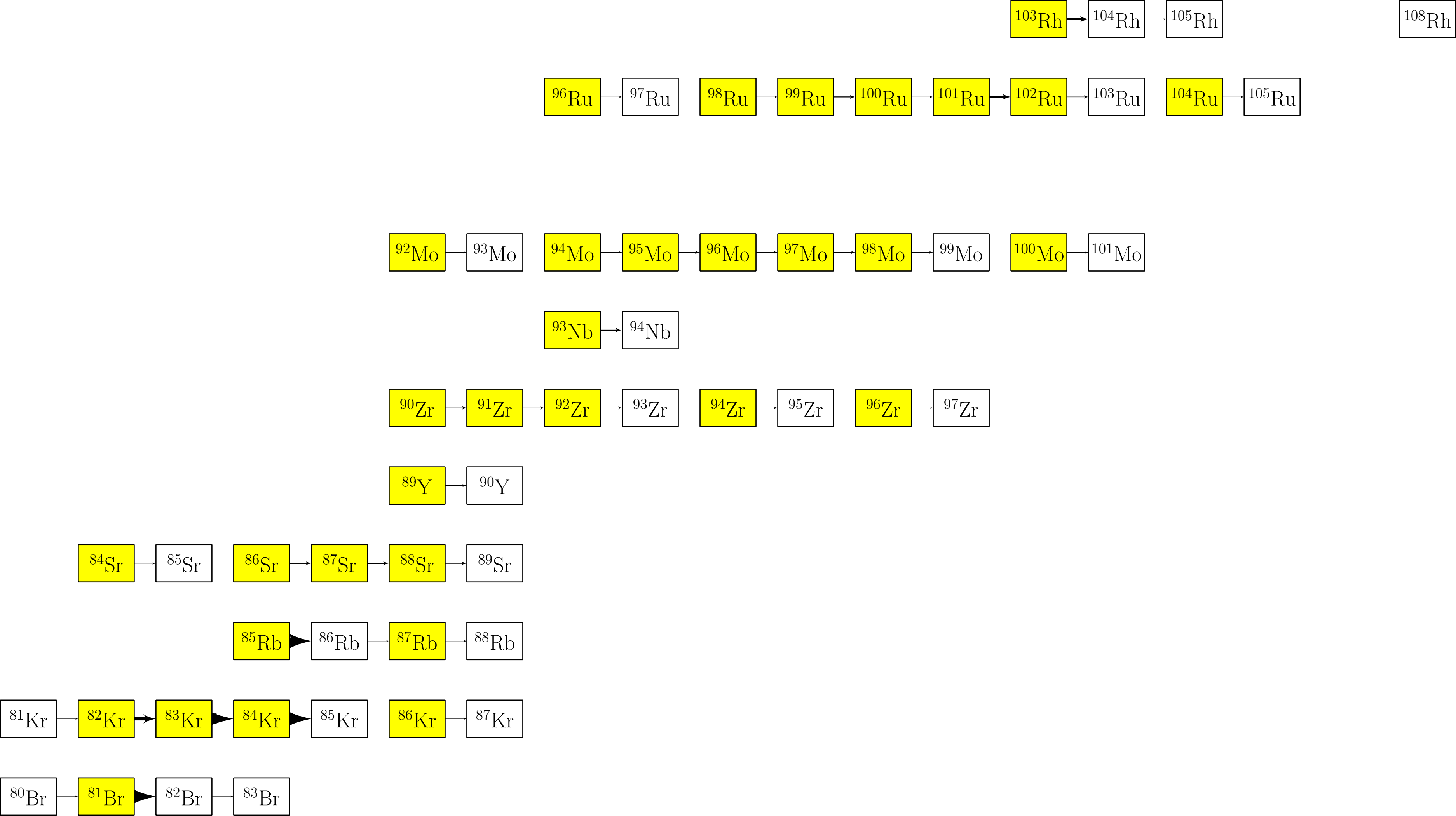




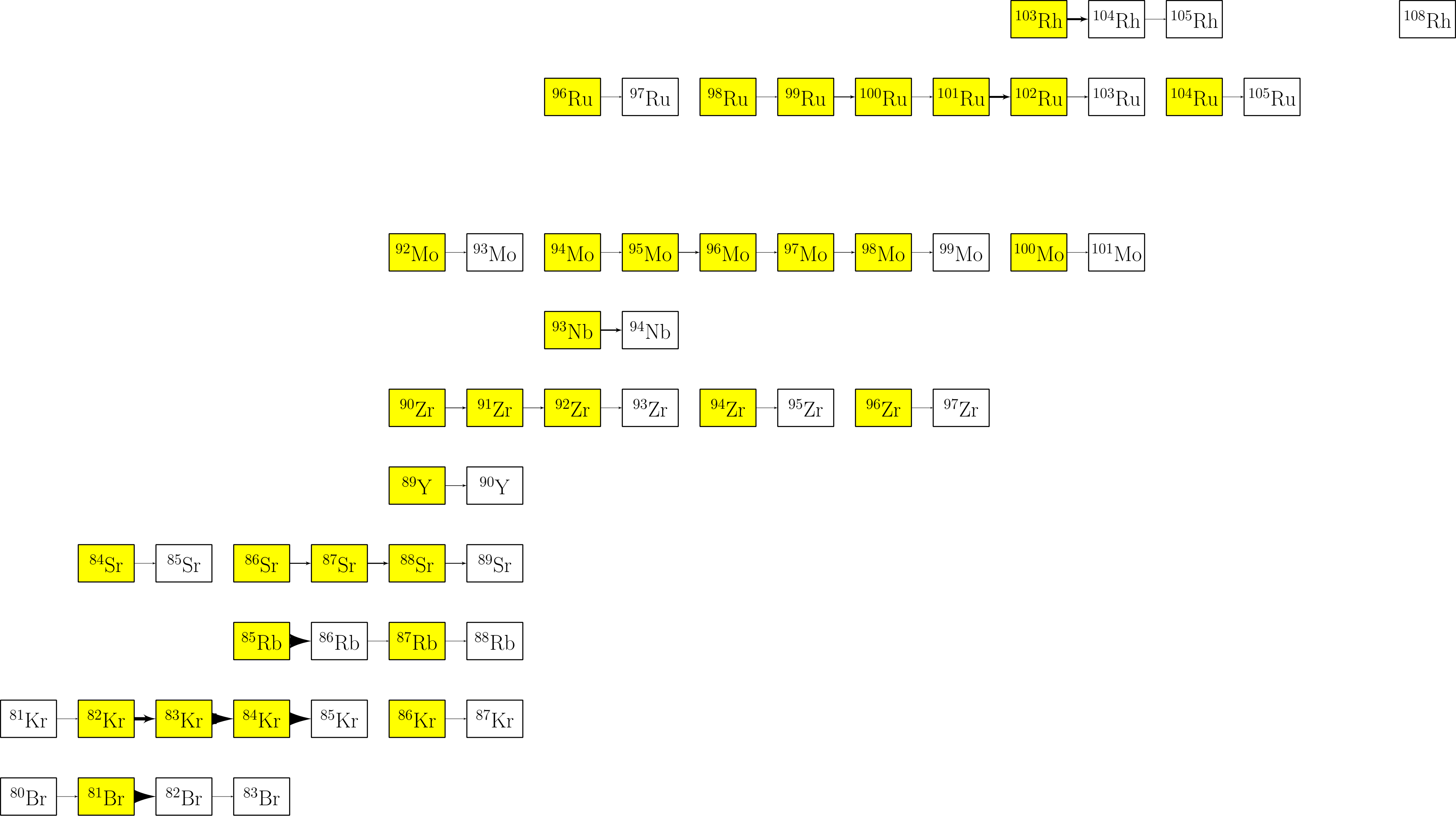
$time(s) = 3.42022e - 05$      $T_9 = 0.209959$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.23403e - 13$



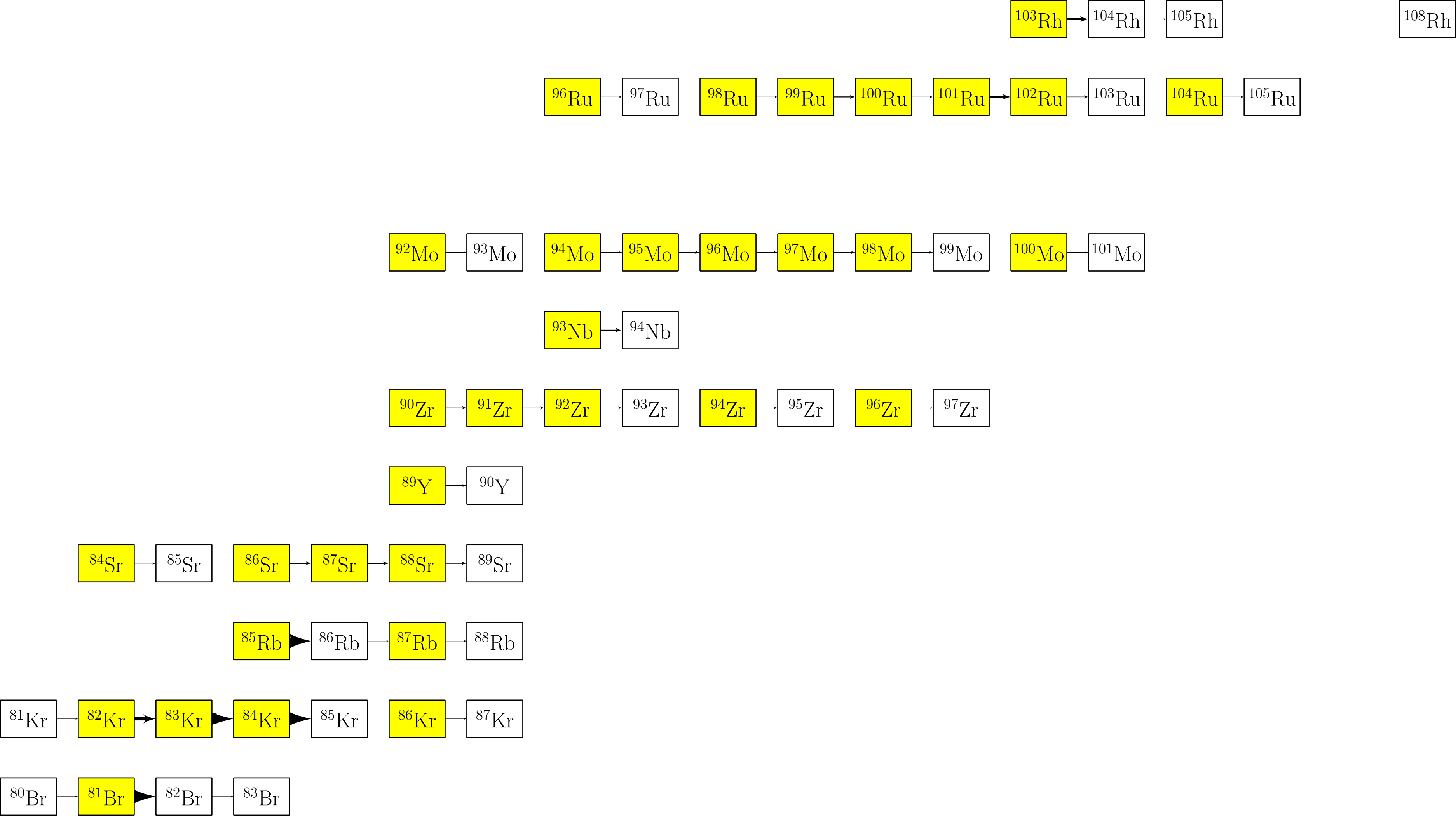
$time(s) = 3.96349e - 05$      $T_9 = 0.210186$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.14416e - 13$



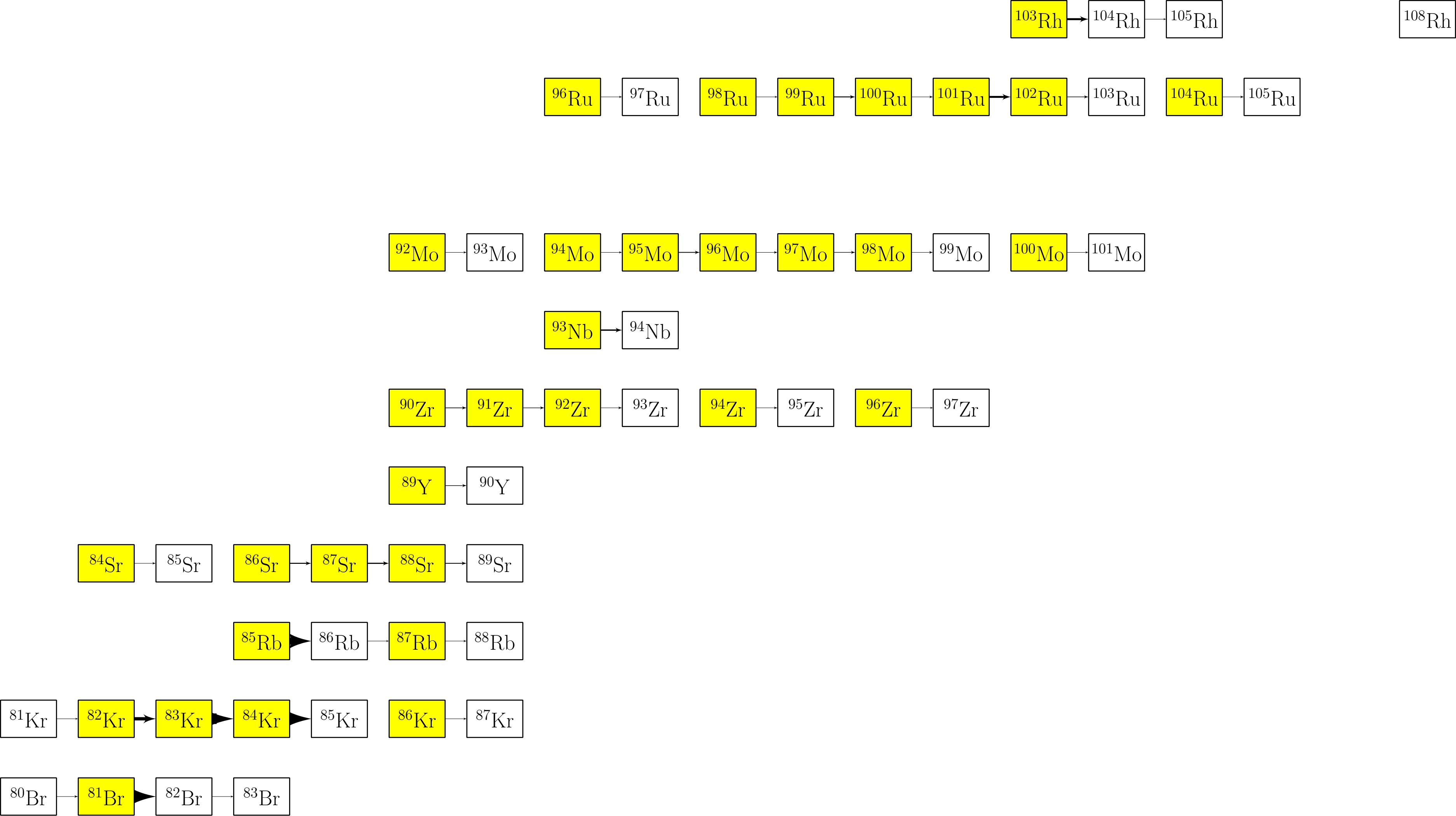
$time(s) = 5.24646e - 05 \quad T_9 = 0.210494 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 9.643e - 14$



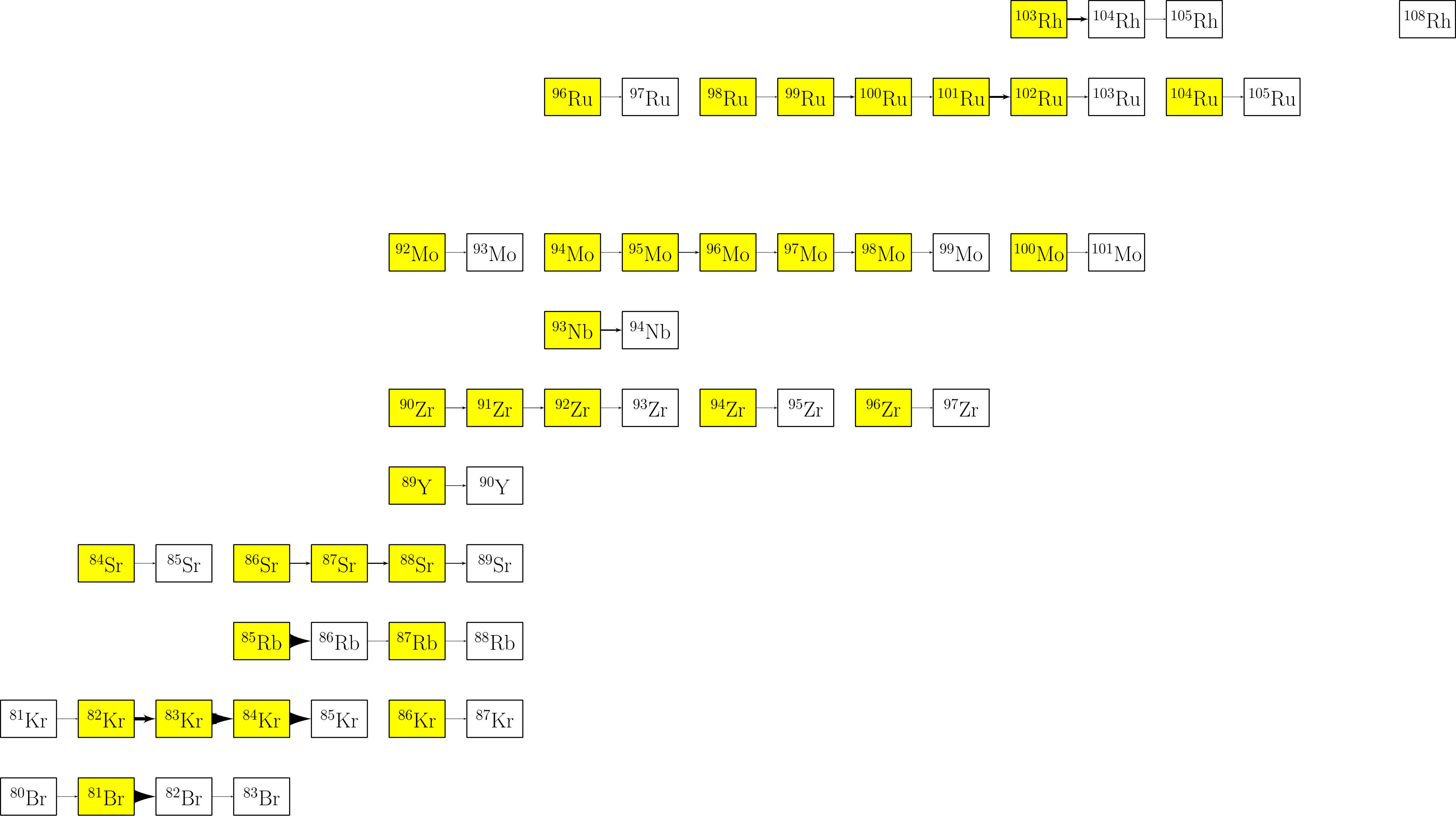
$time(s) = 6.64747e - 05$      $T_9 = 0.210685$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 8.01863e - 14$



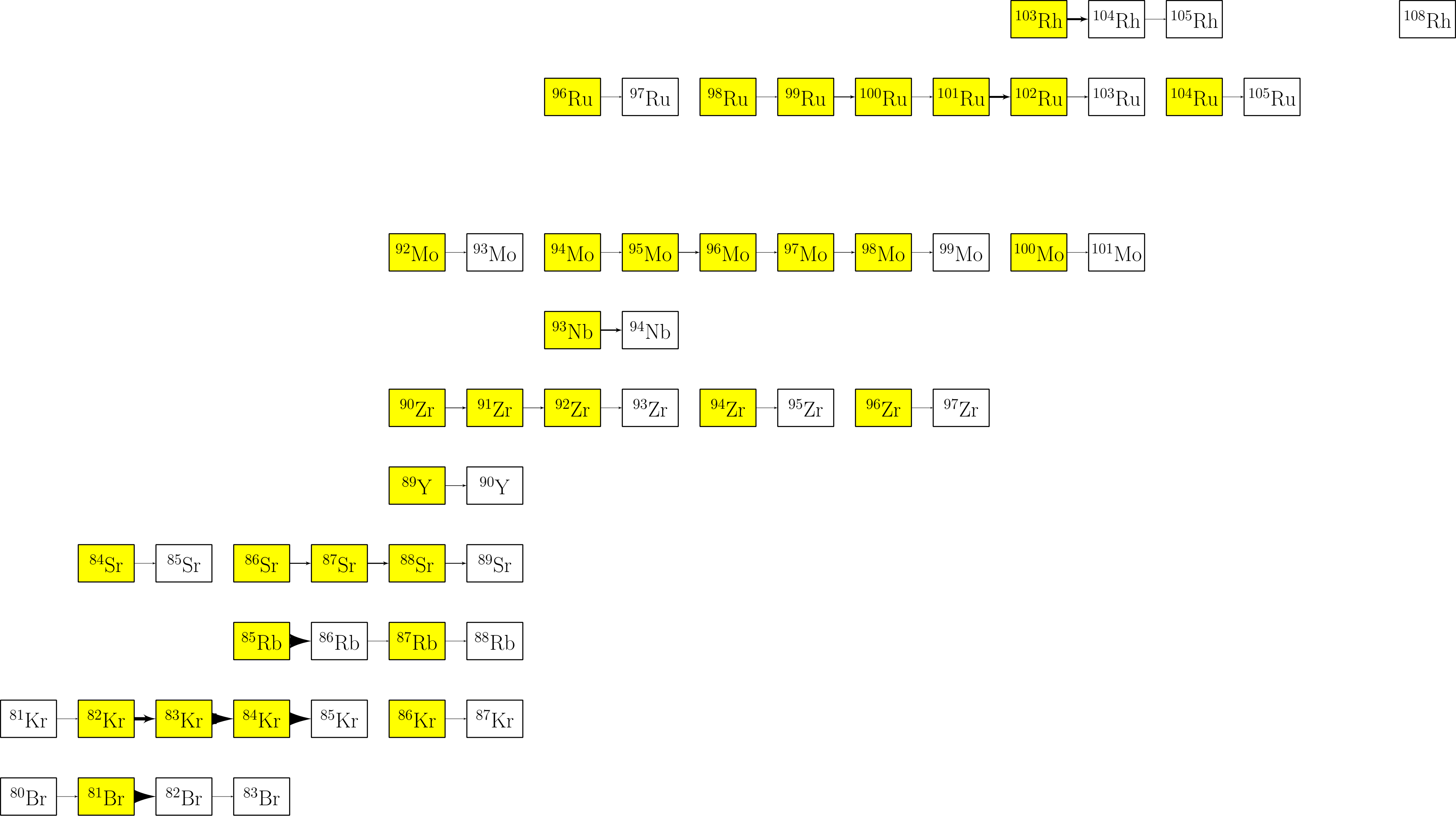
$time(s) = 8.03561e - 05 \quad T_9 = 0.21081 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 6.69232e - 14$



$$time(s) = 9.41487e - 05 \quad T_9 = 0.210908 \quad \rho(g/cc) = 1e + 07 \quad \text{flow}_{max} = 5.60903e - 14$$

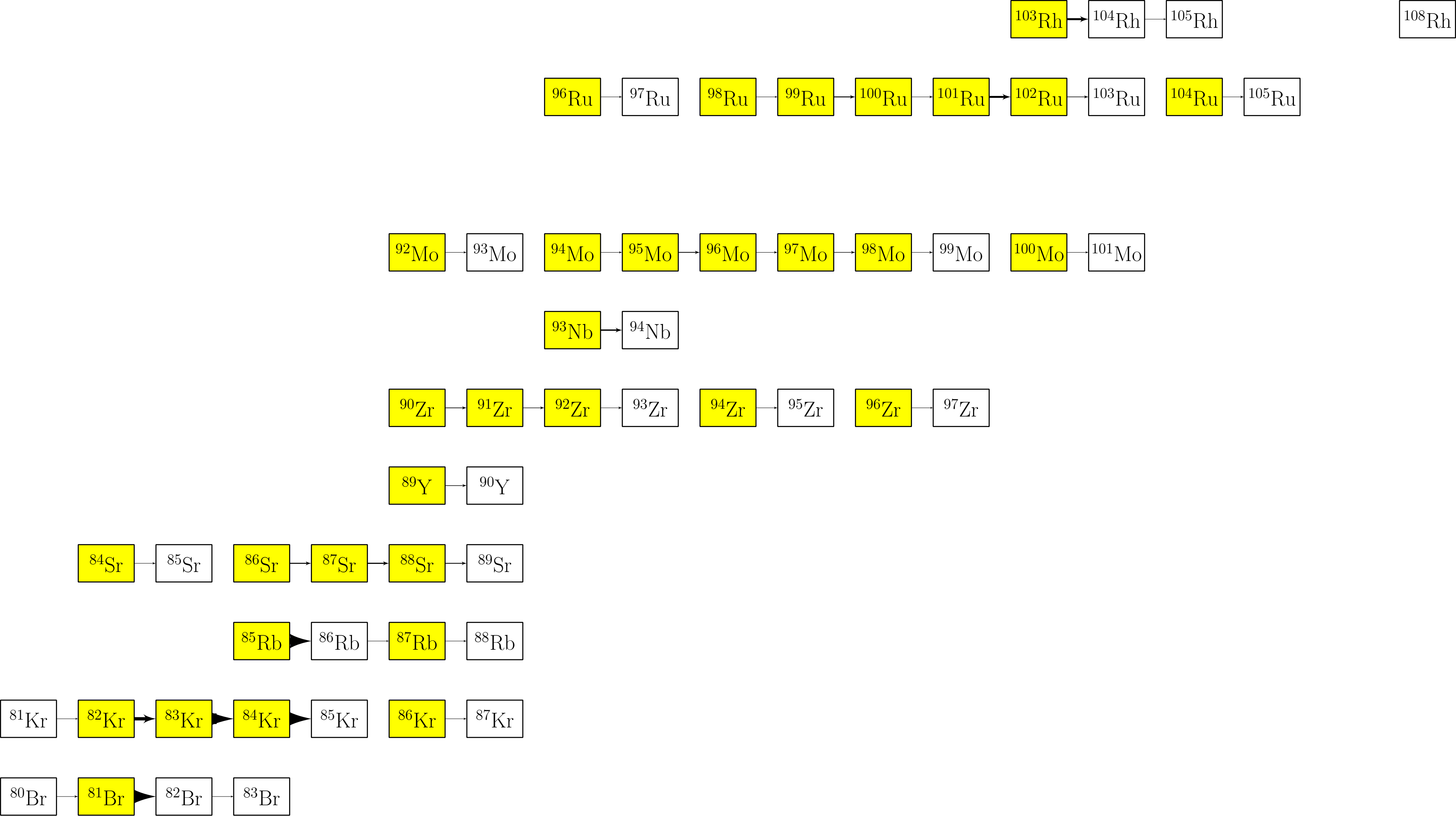


$time(s) = 0.000107878 \quad T_9 = 0.210989 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 4.72297e - 14$

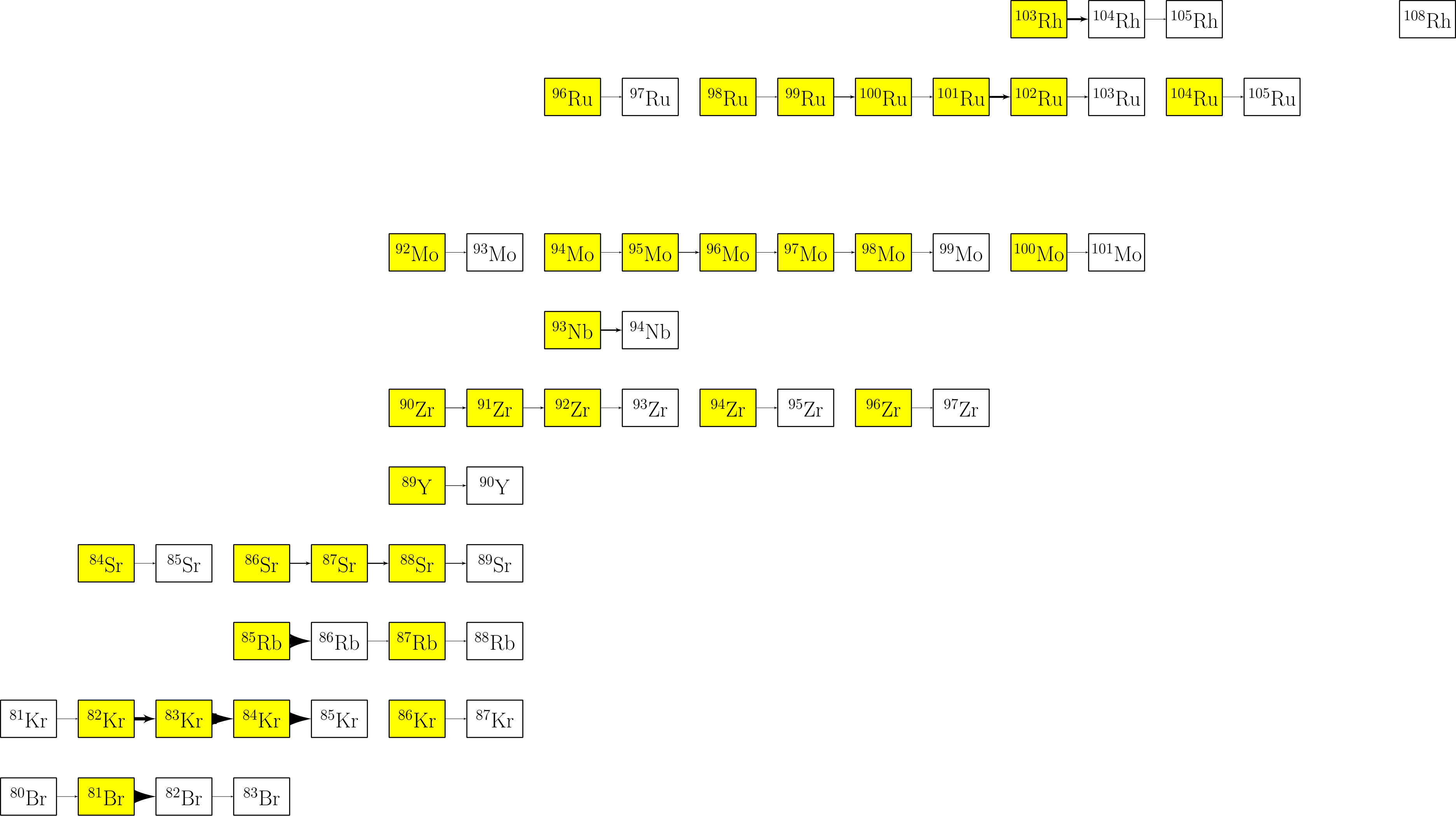


$time(s) = 0.000121585$      $T_9 = 0.211058$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.99612e - 14$

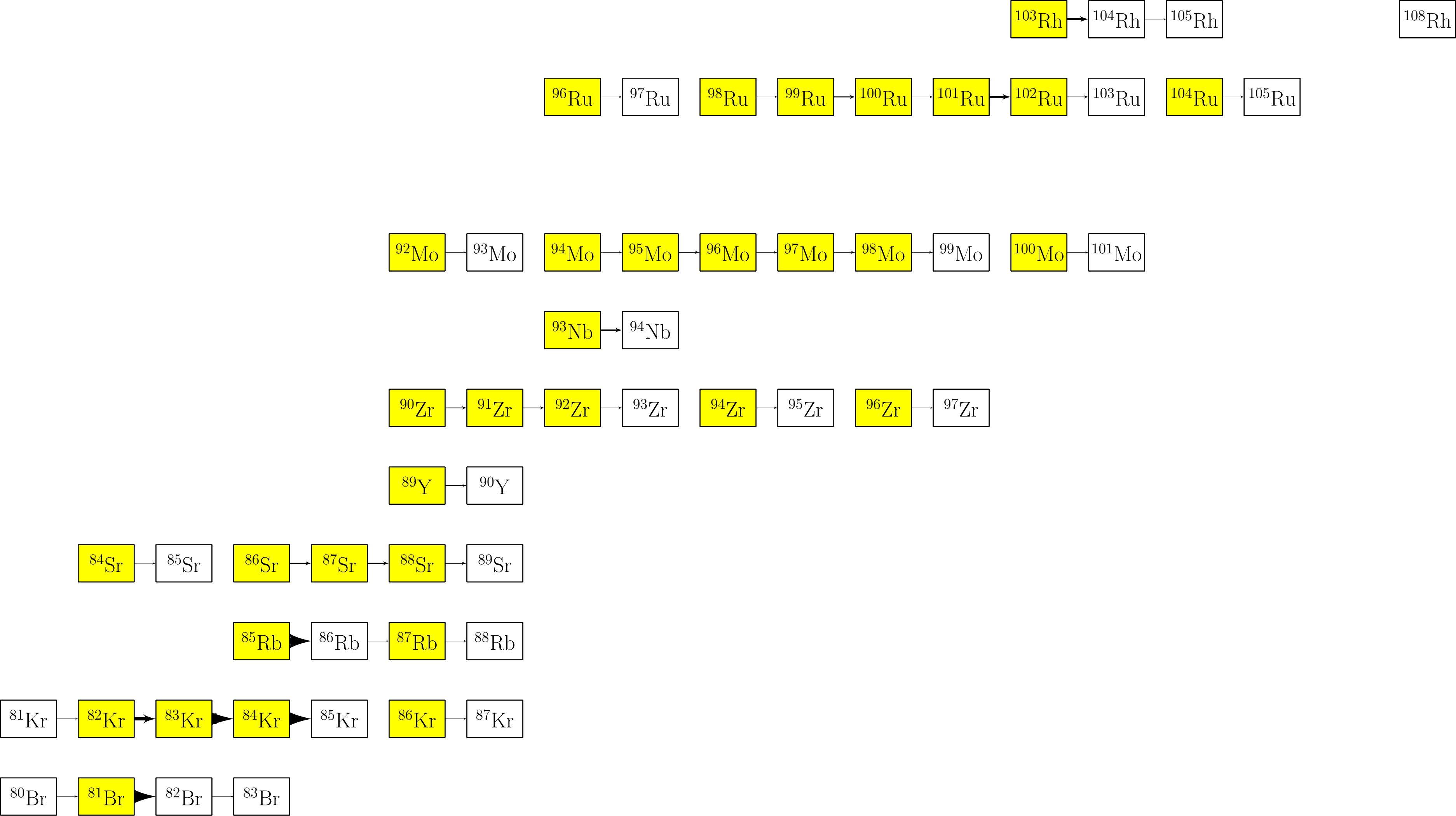




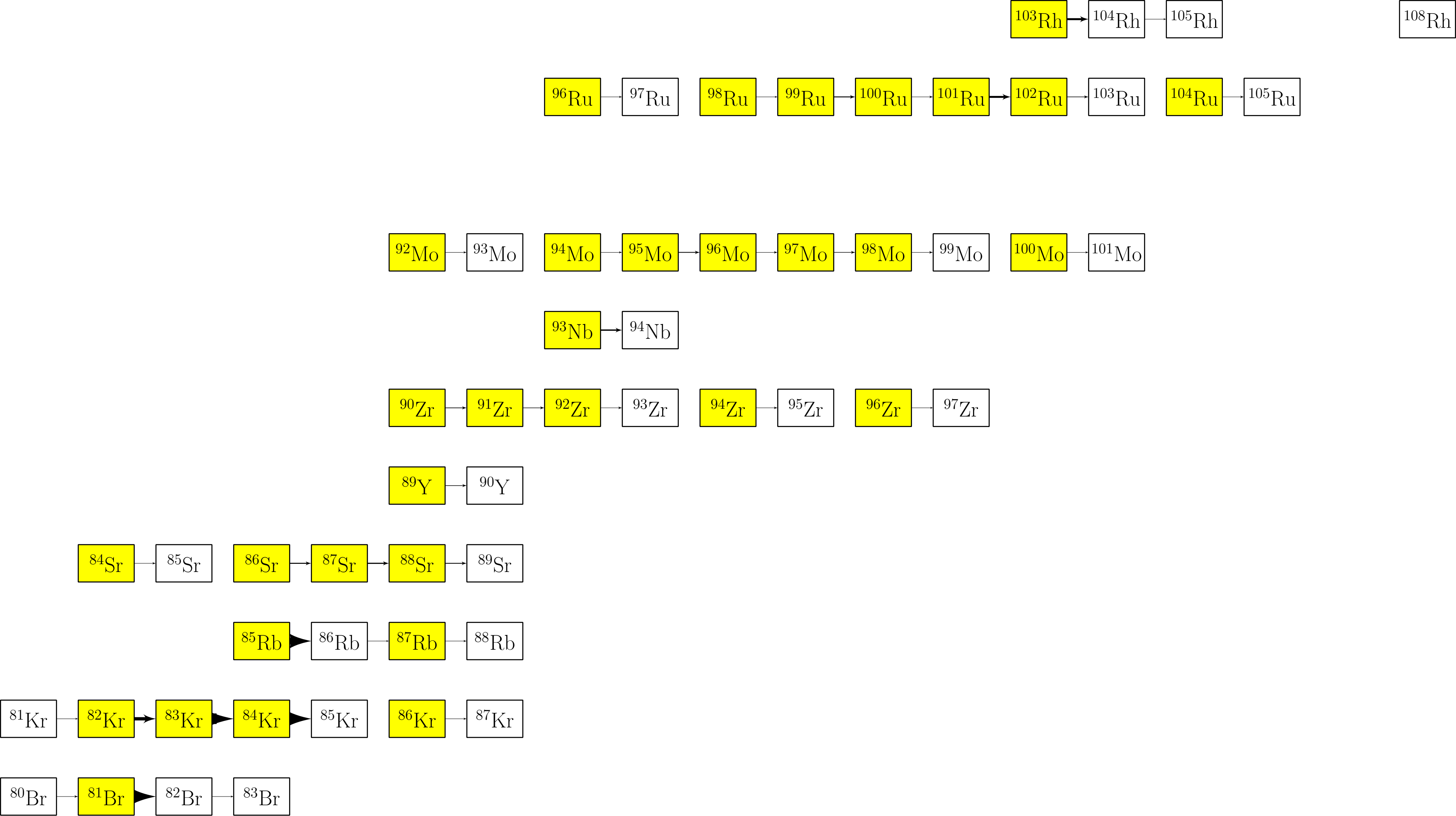
$time(s) = 0.000135387$      $T_9 = 0.211118$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.39514e - 14$



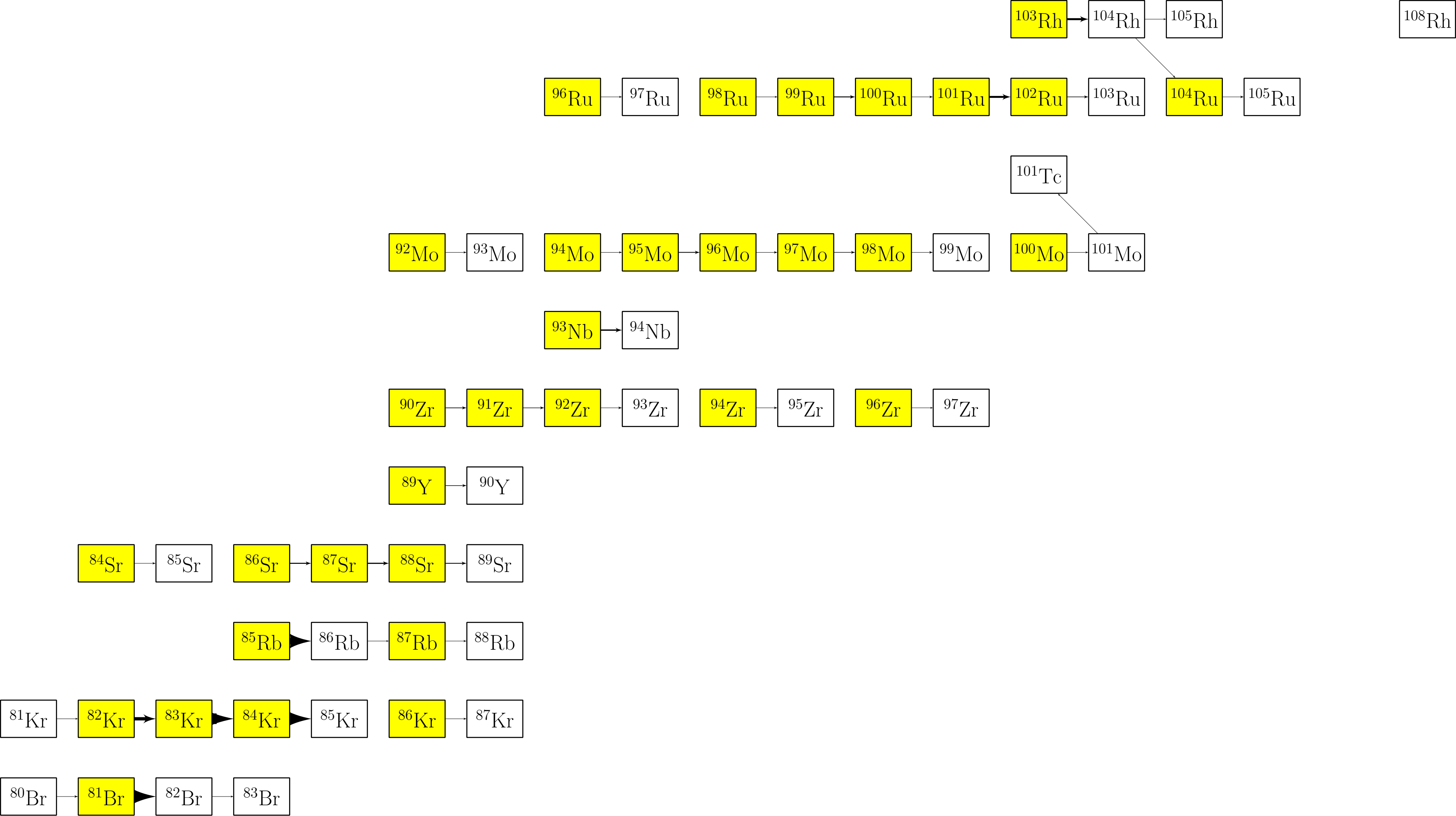
$time(s) = 0.000154104 \quad T_9 = 0.211185 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.75002e - 14$



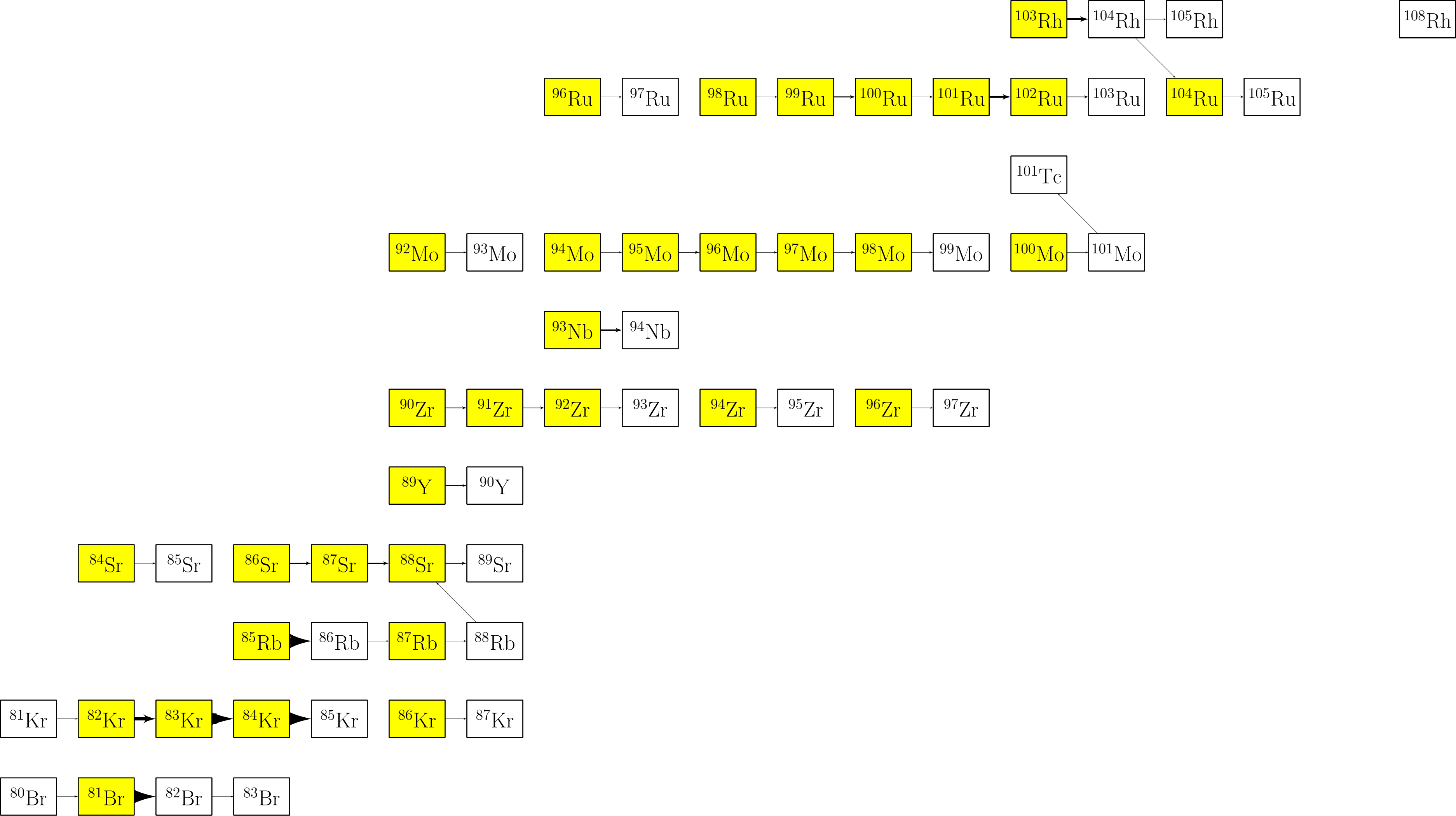
$time(s) = 0.000203815$      $T_9 = 0.211314$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.69142e - 14$



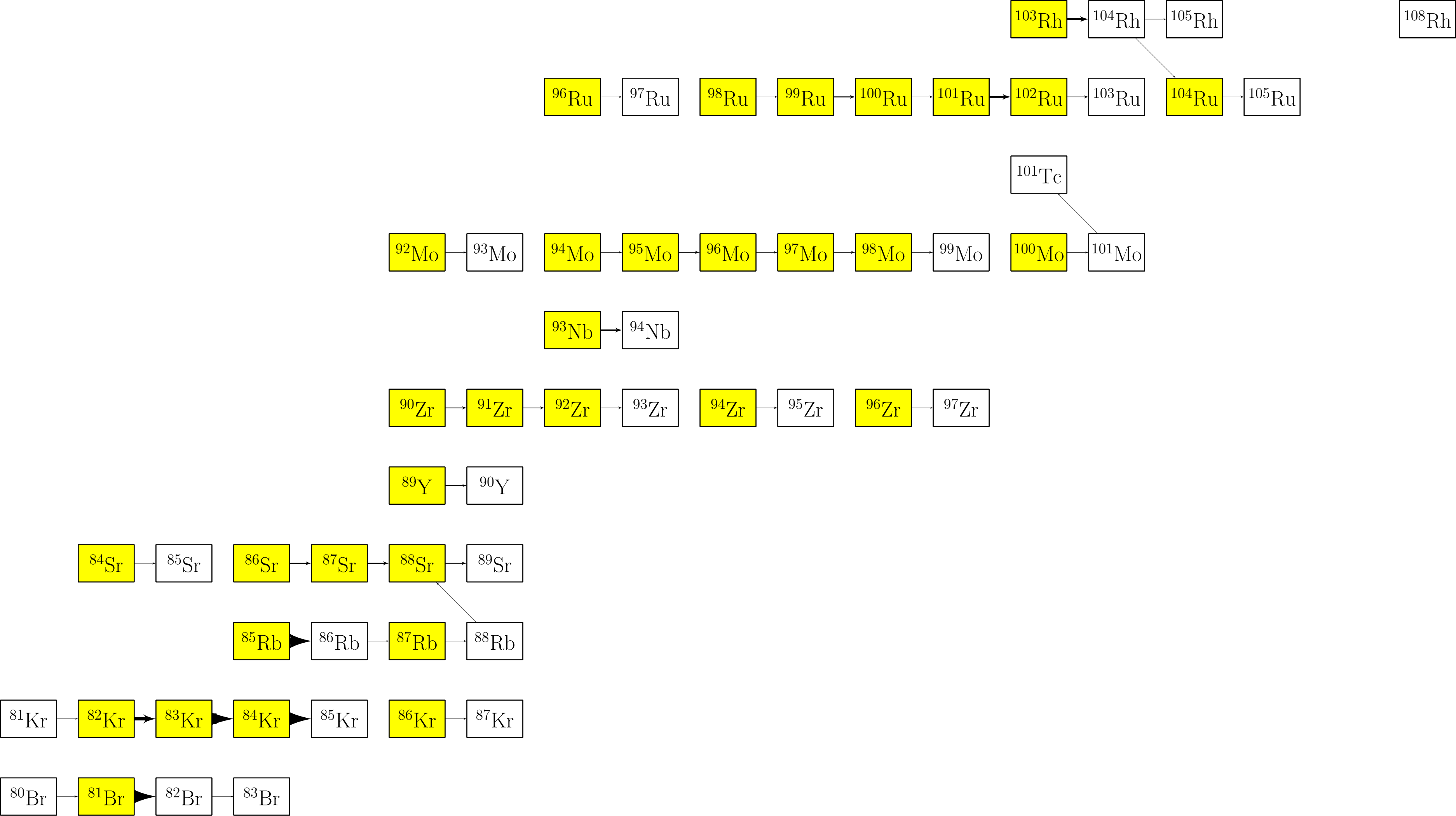
$time(s) = 0.000276198 \quad T_9 = 0.211451 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 9.91335e - 15$



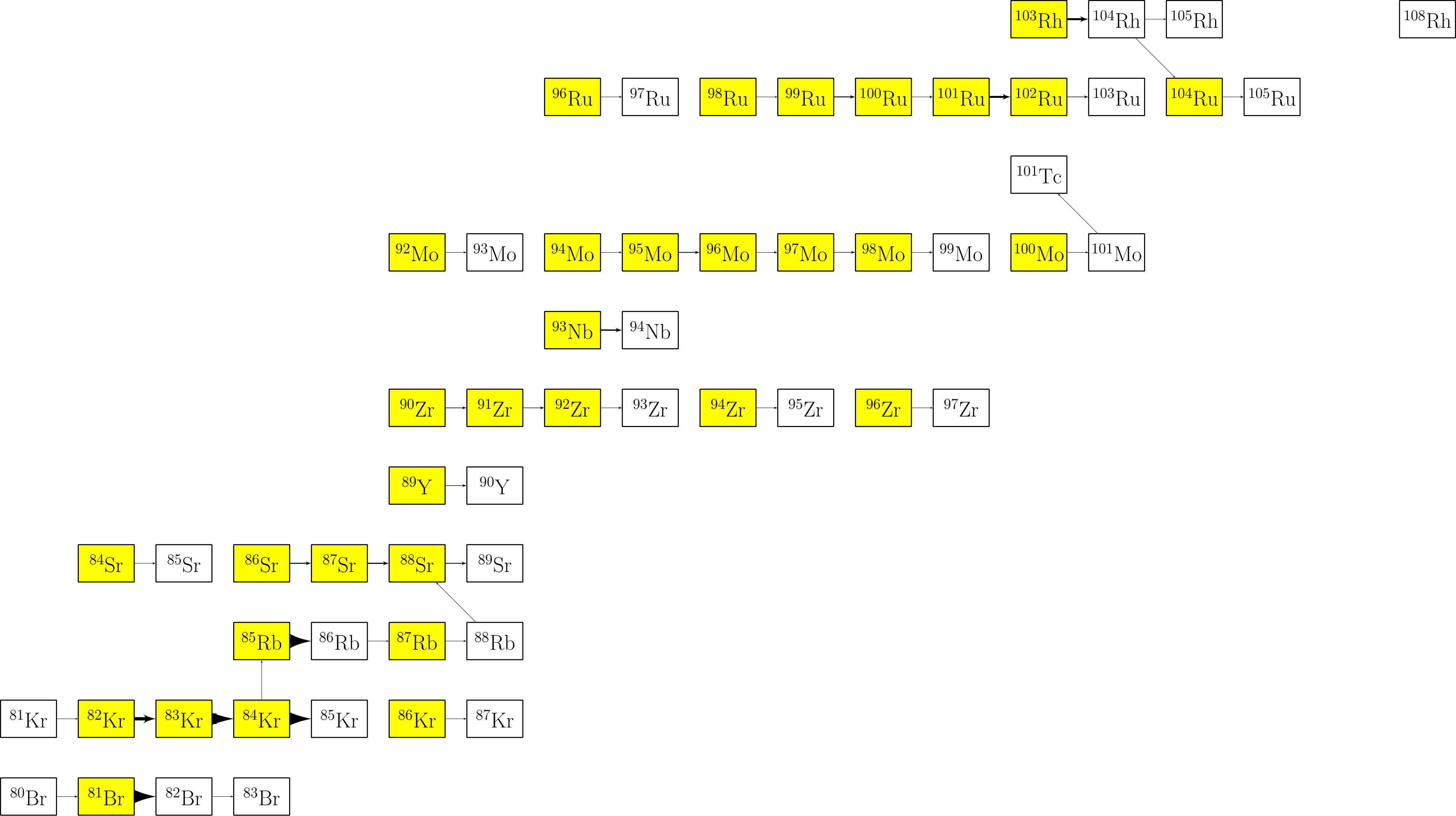
$time(s) = 0.000348747 \quad T_9 = 0.211542 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 6.85852e - 15$



$time(s) = 0.000422369$      $T_9 = 0.211609$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 5.24958e - 15$

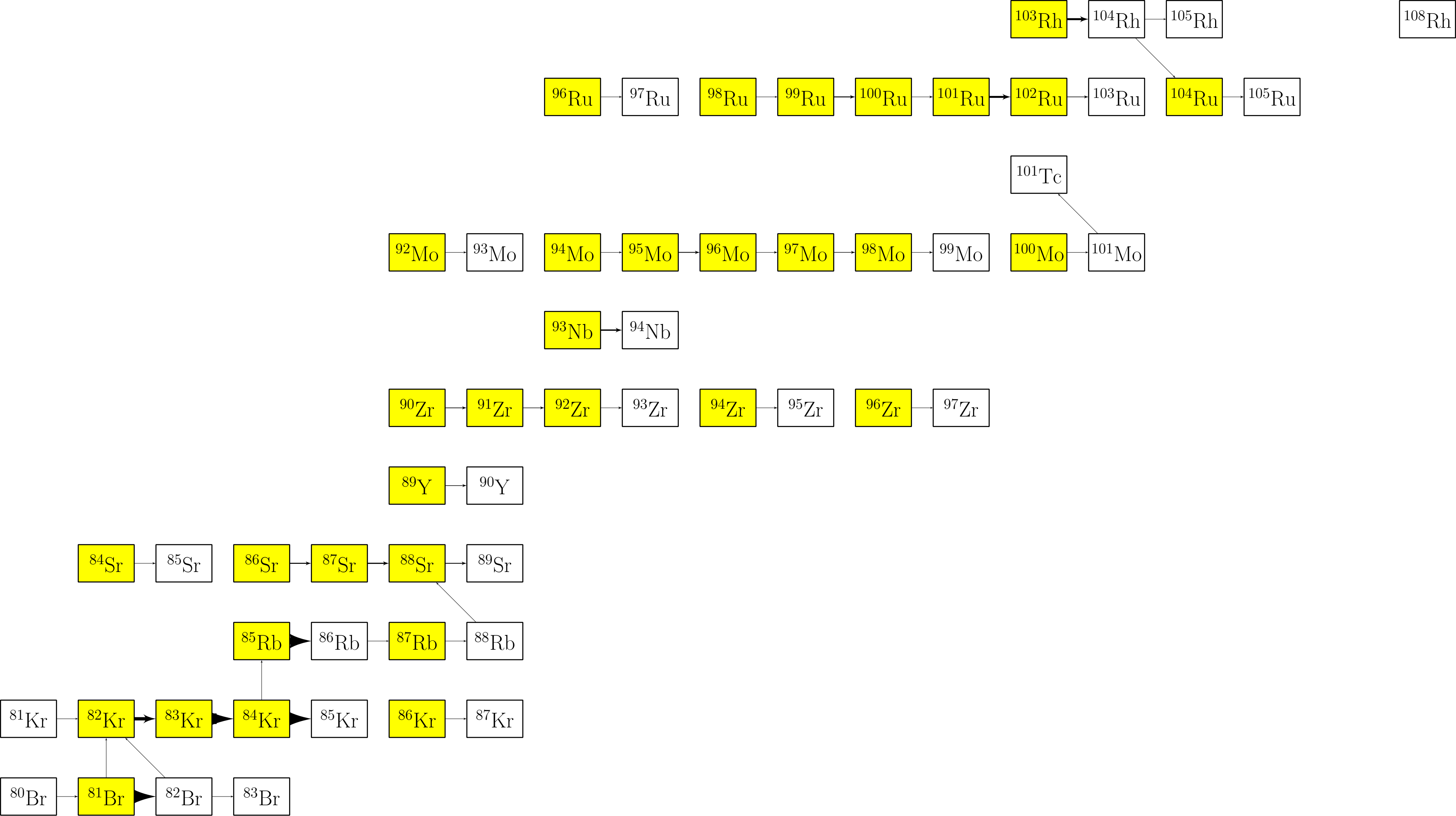


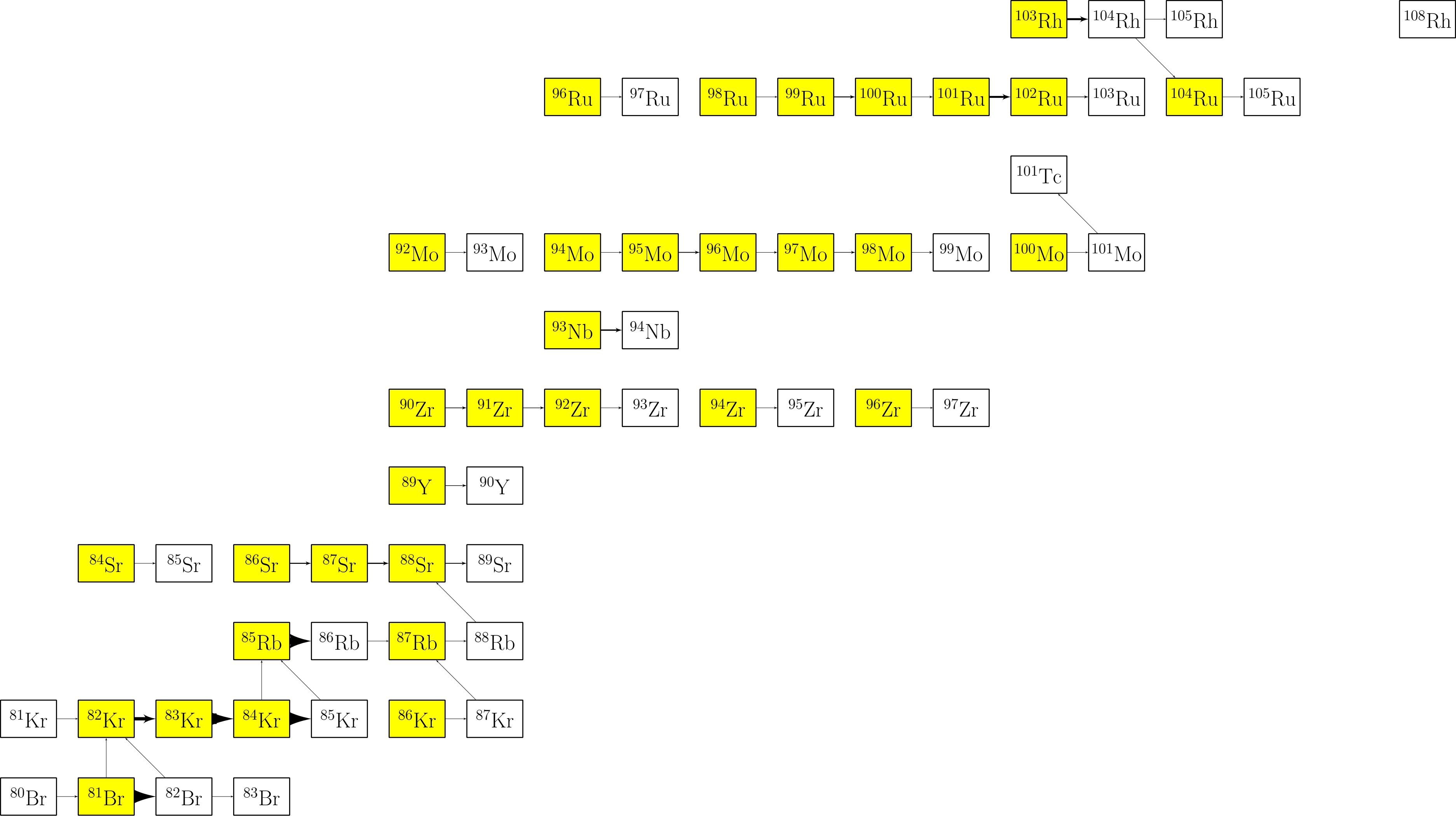
$time(s) = 0.000502572$      $T_9 = 0.211665$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.16862e - 15$



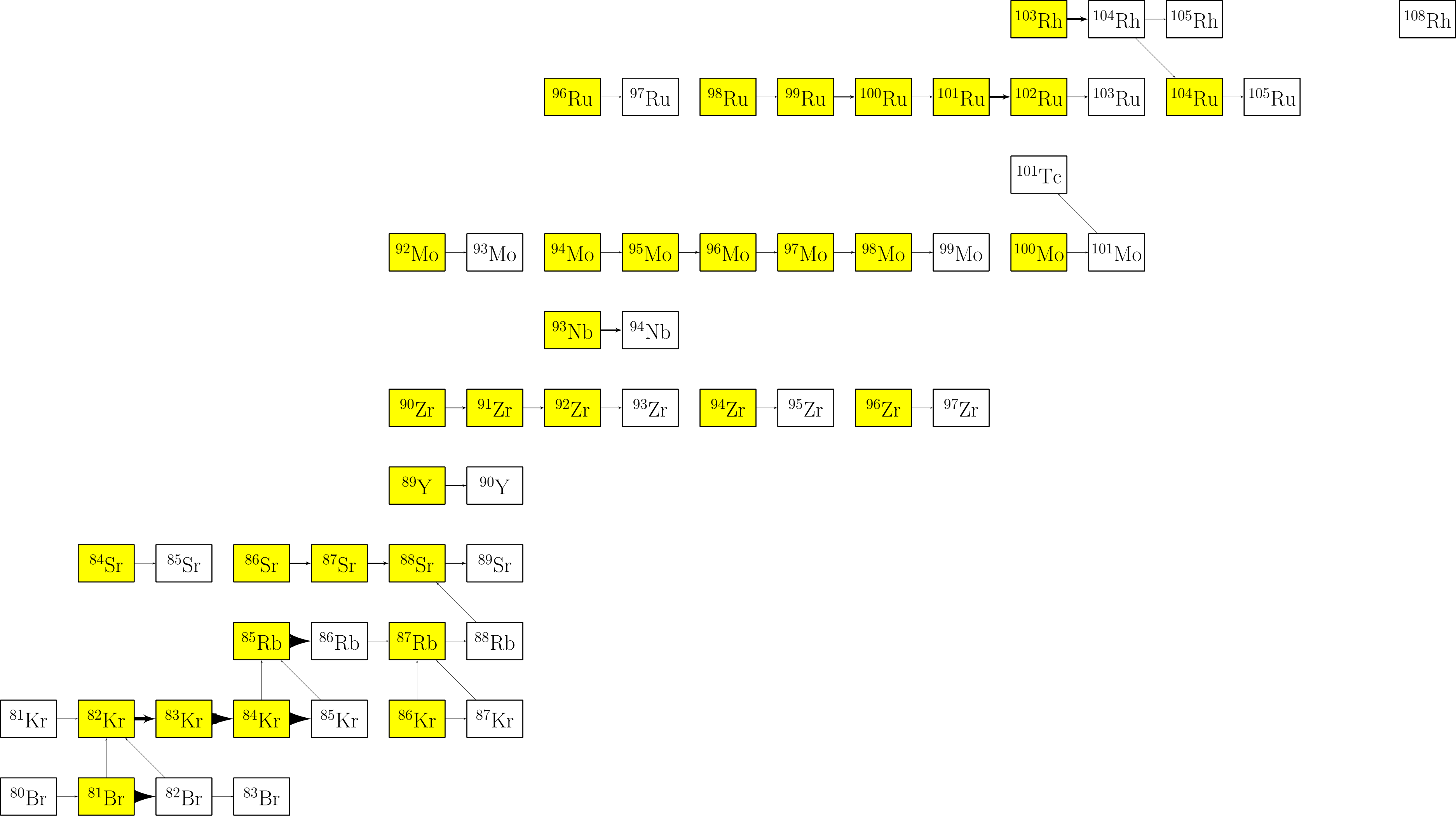
$time(s) = 0.000632765$      $T_9 = 0.211732$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.033e - 15$



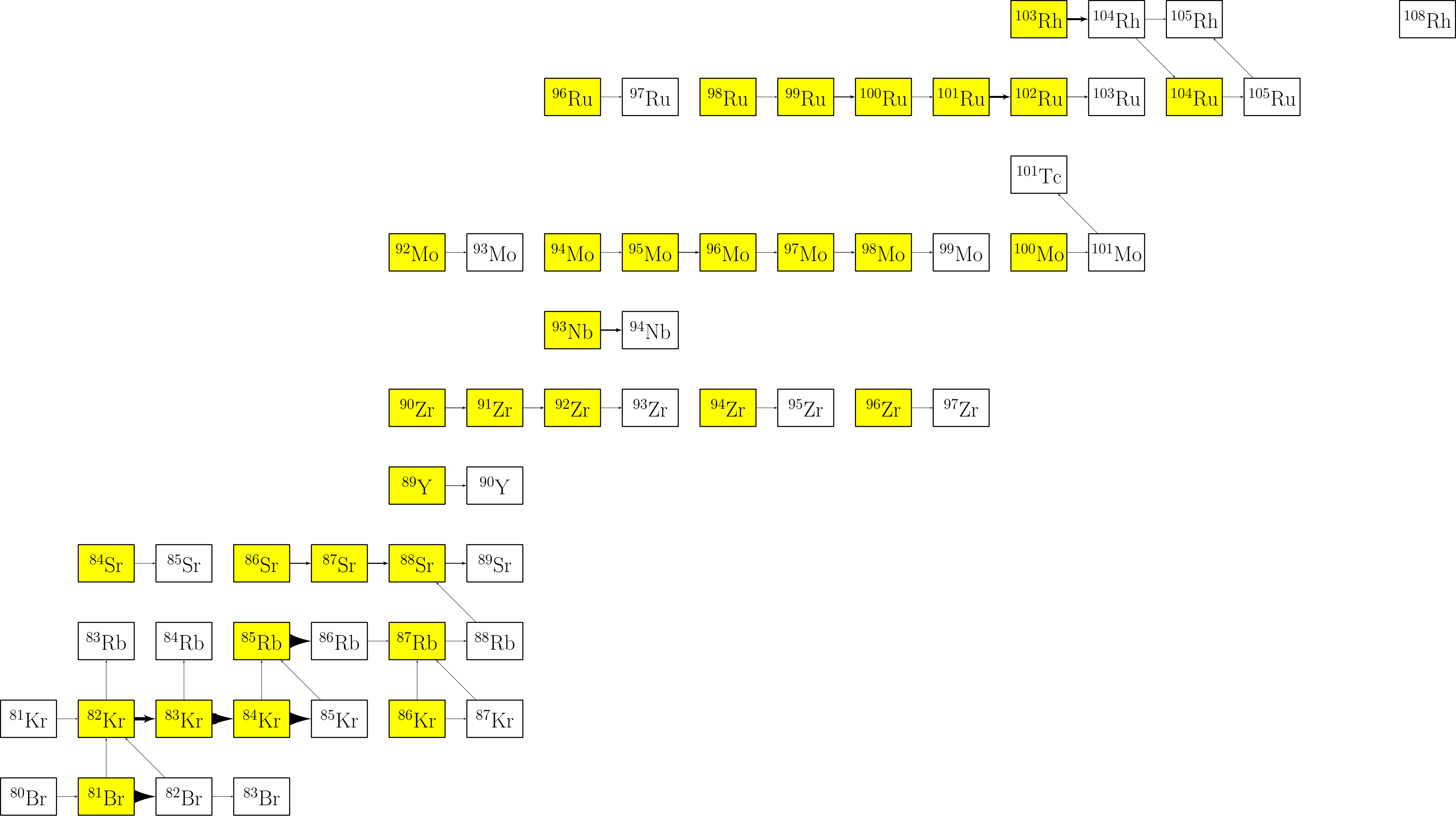




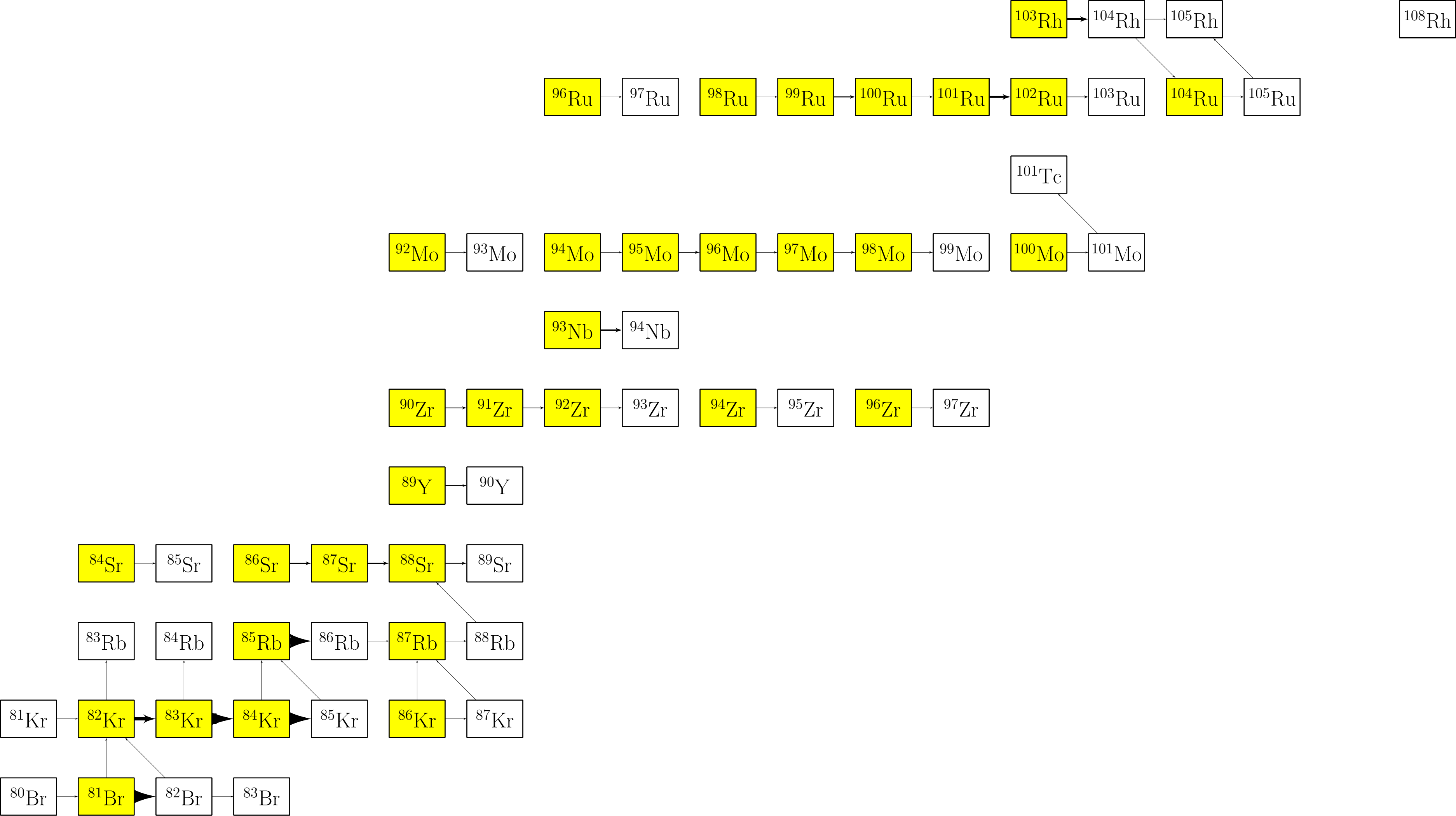
$time(s) = 0.0010381$      $T_9 = 0.211895$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.31114e - 15$



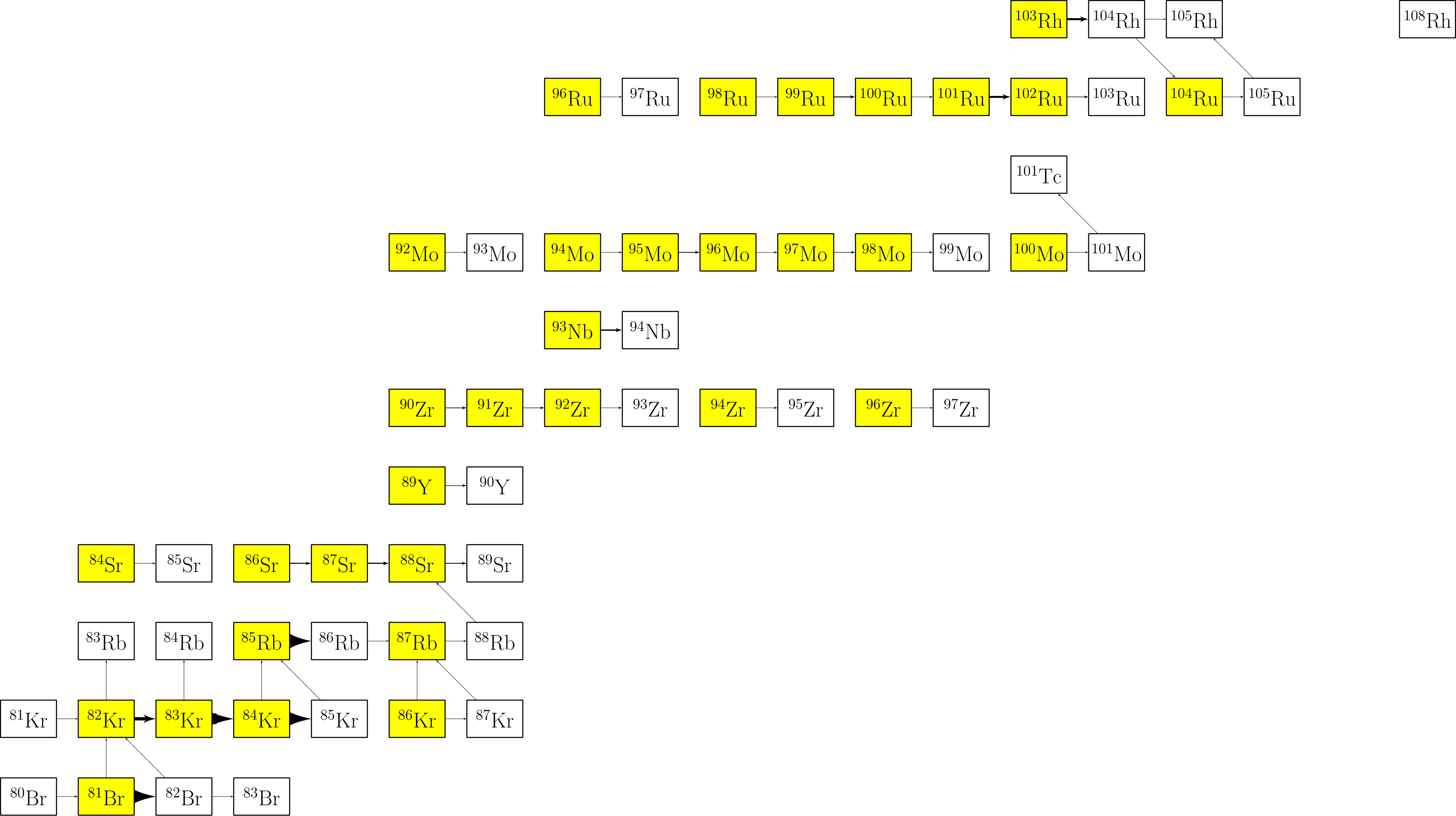
$time(s) = 0.00124495$      $T_9 = 0.211961$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.10599e - 16$



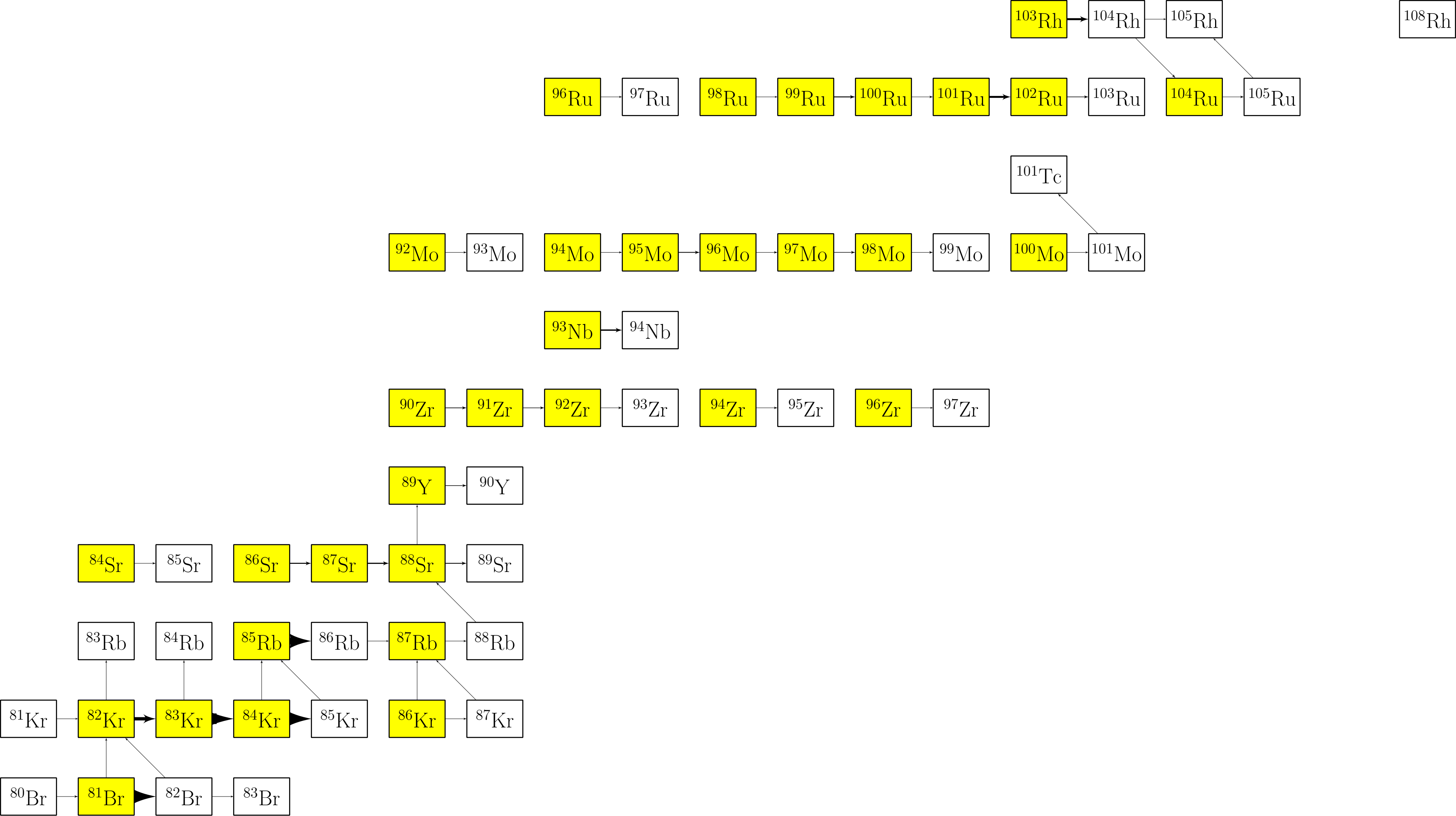
$time(s) = 0.00147259$      $T_9 = 0.212024$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 6.40089e - 16$



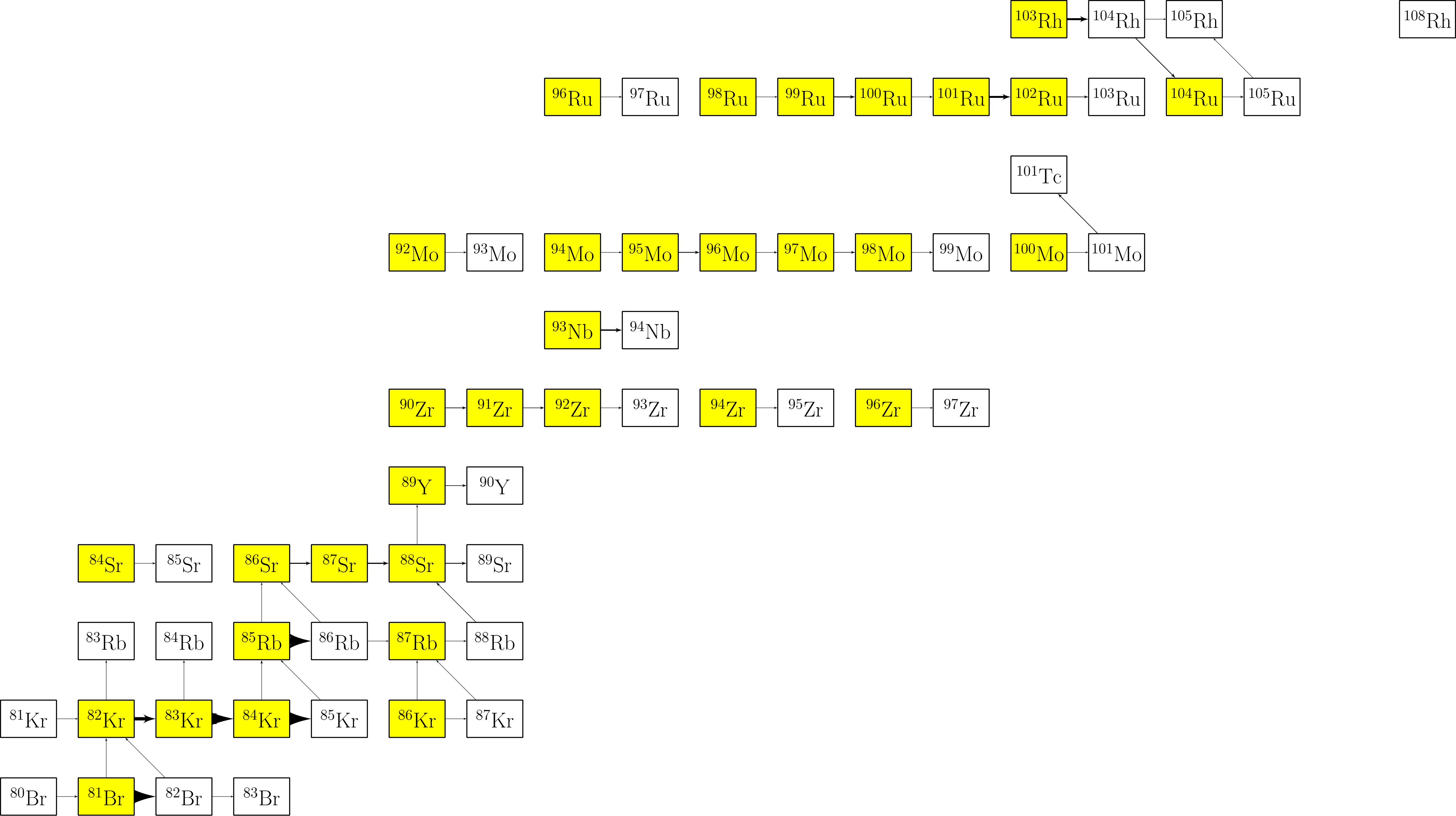
$time(s) = 0.00172287$      $T_9 = 0.212086$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.58342e - 16$



$time(s) = 0.00203865$      $T_9 = 0.212155$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.22059e - 16$

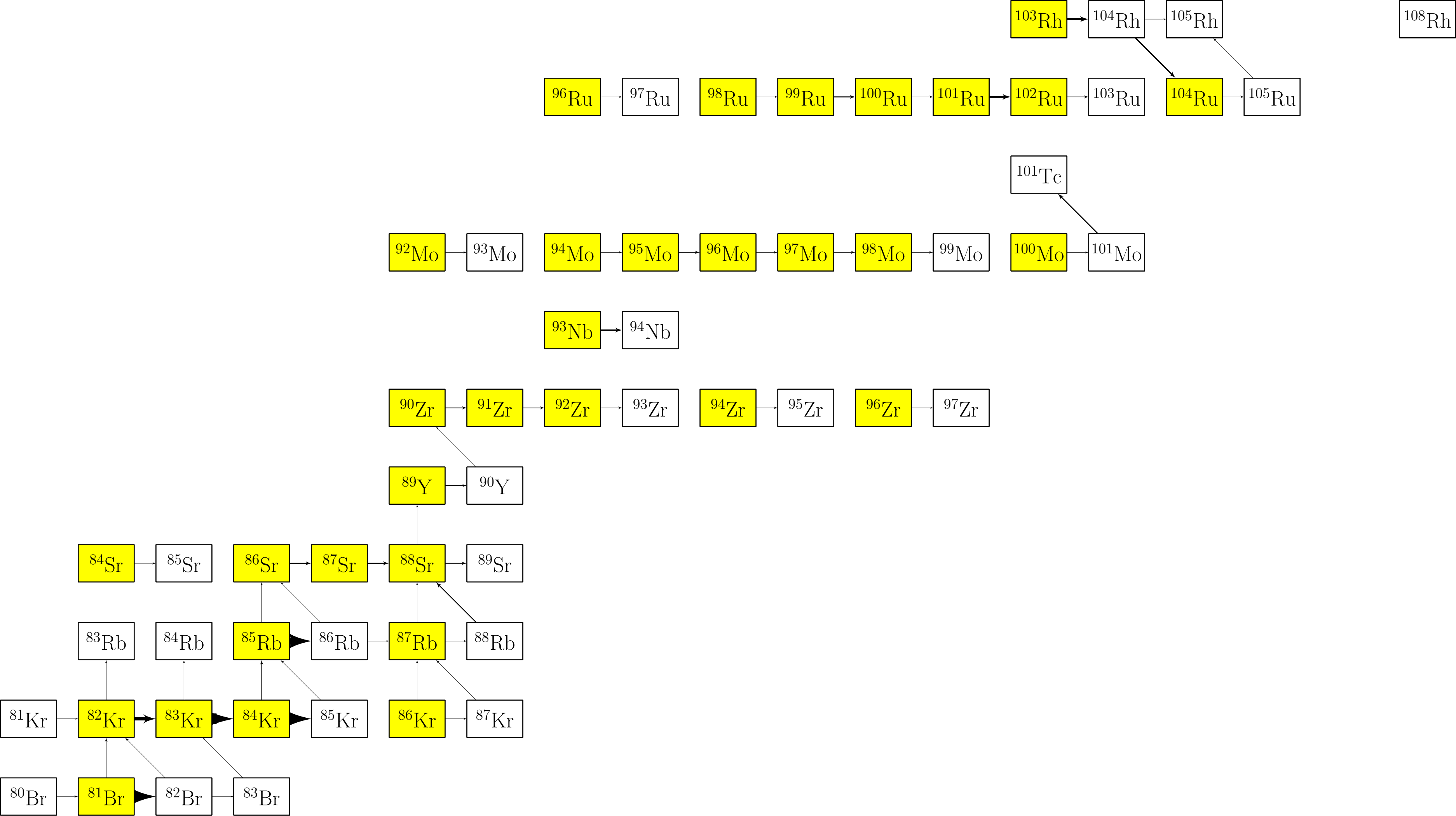


$time(s) = 0.0023856$      $T_9 = 0.212219$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.33986e - 16$

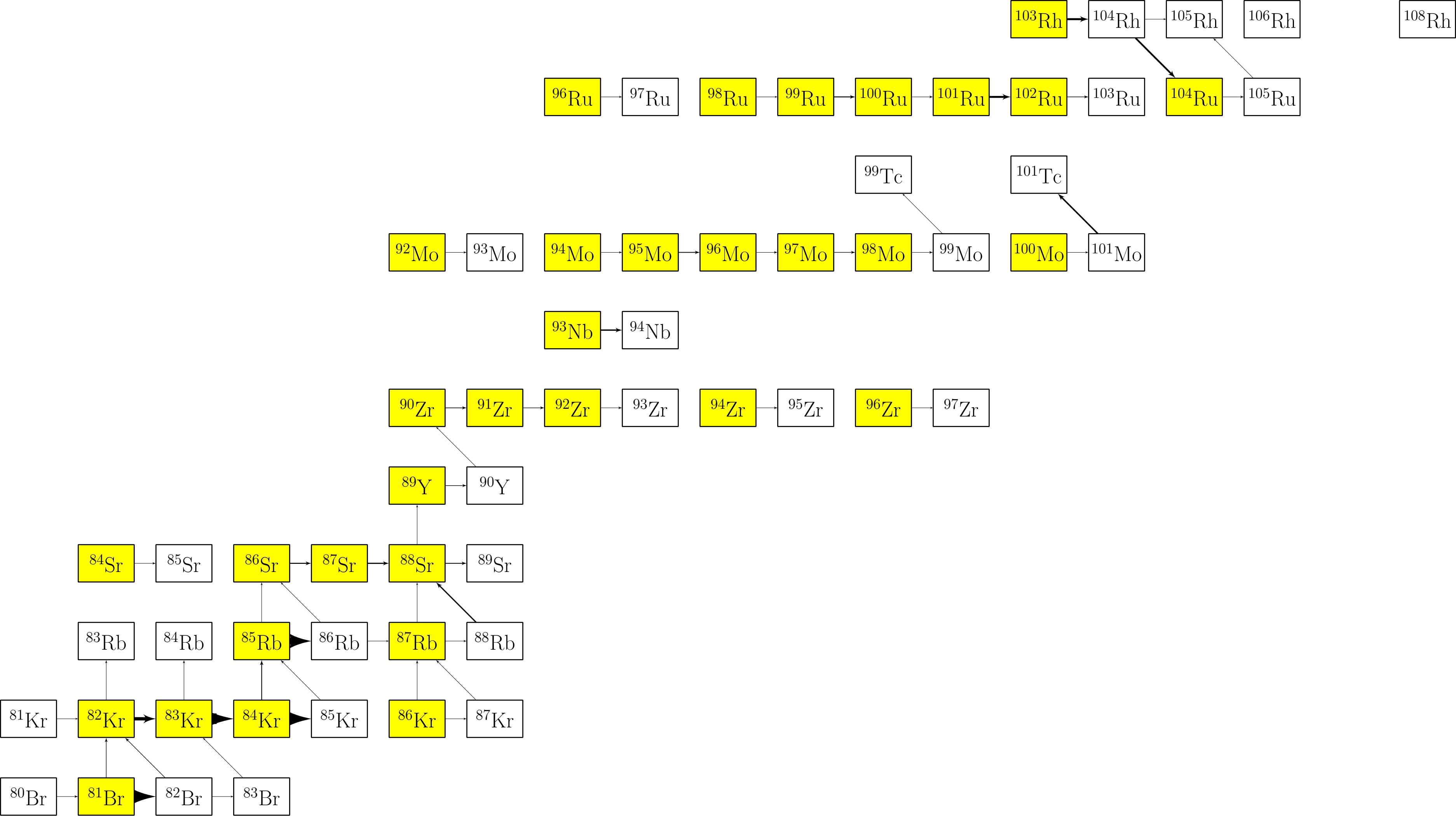


$time(s) = 0.00349586 \quad T_9 = 0.21237 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.18072e - 16$

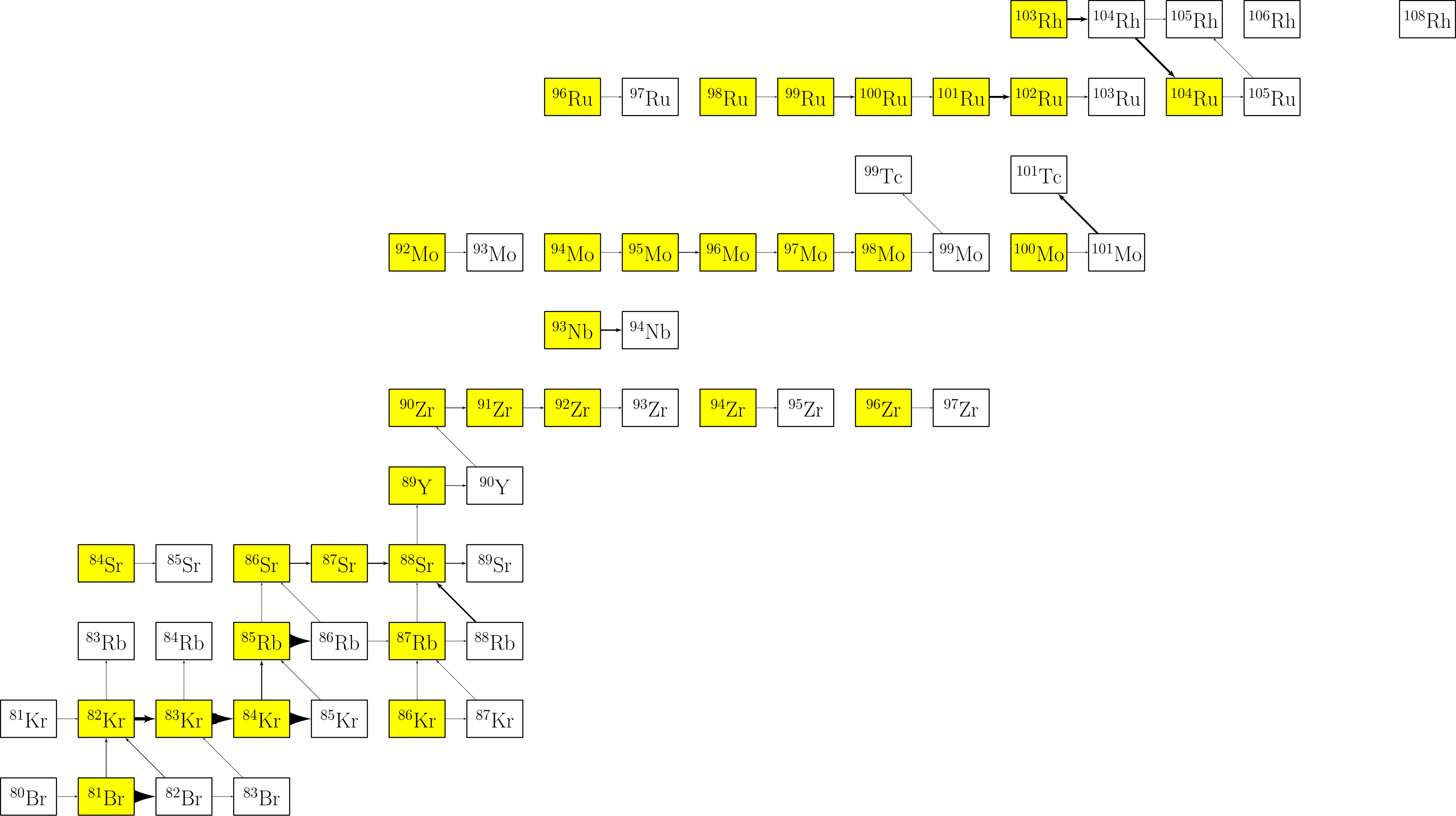




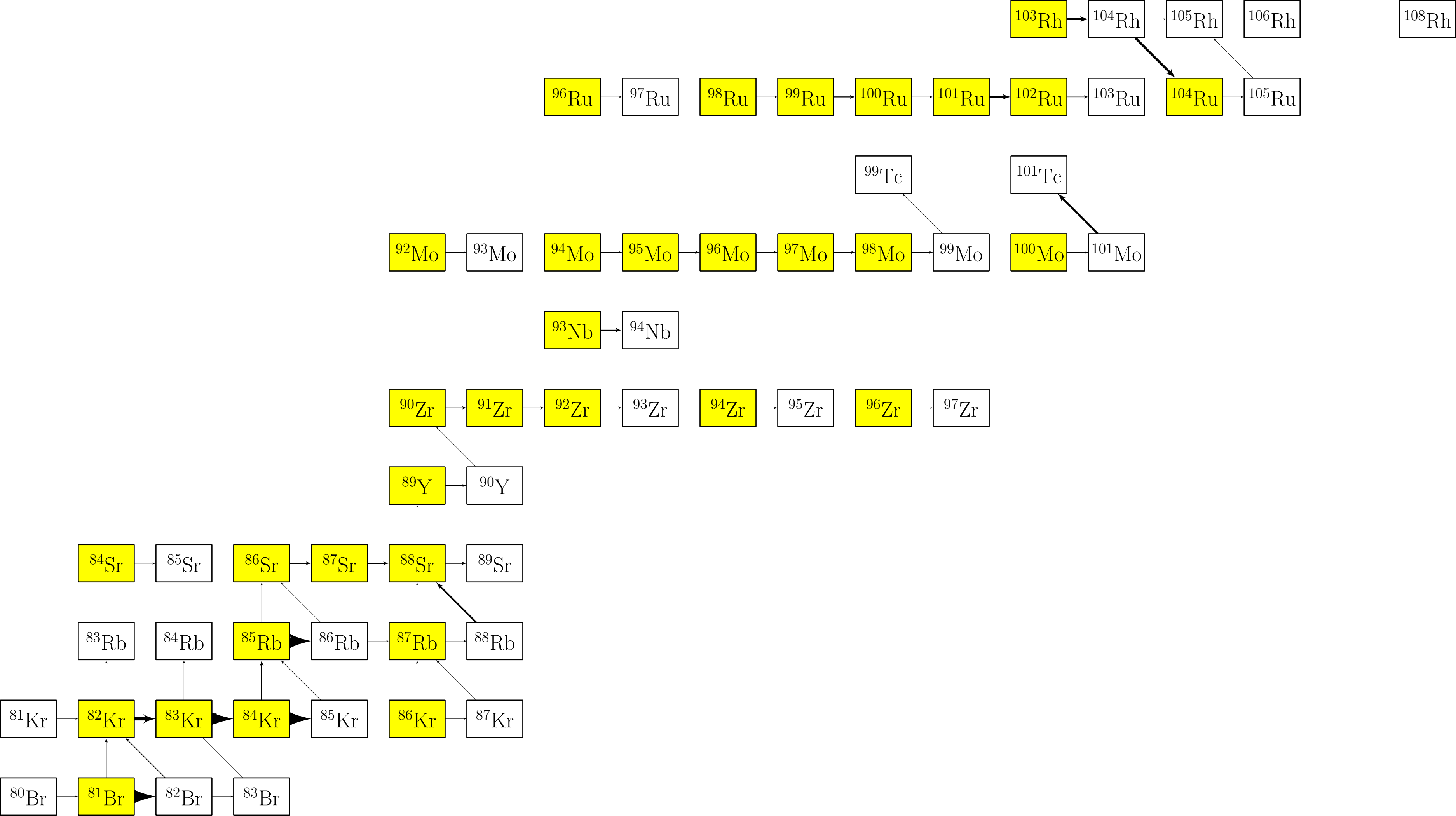
$time(s) = 0.00532045$     $T_9 = 0.212569$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 6.62475e - 17$



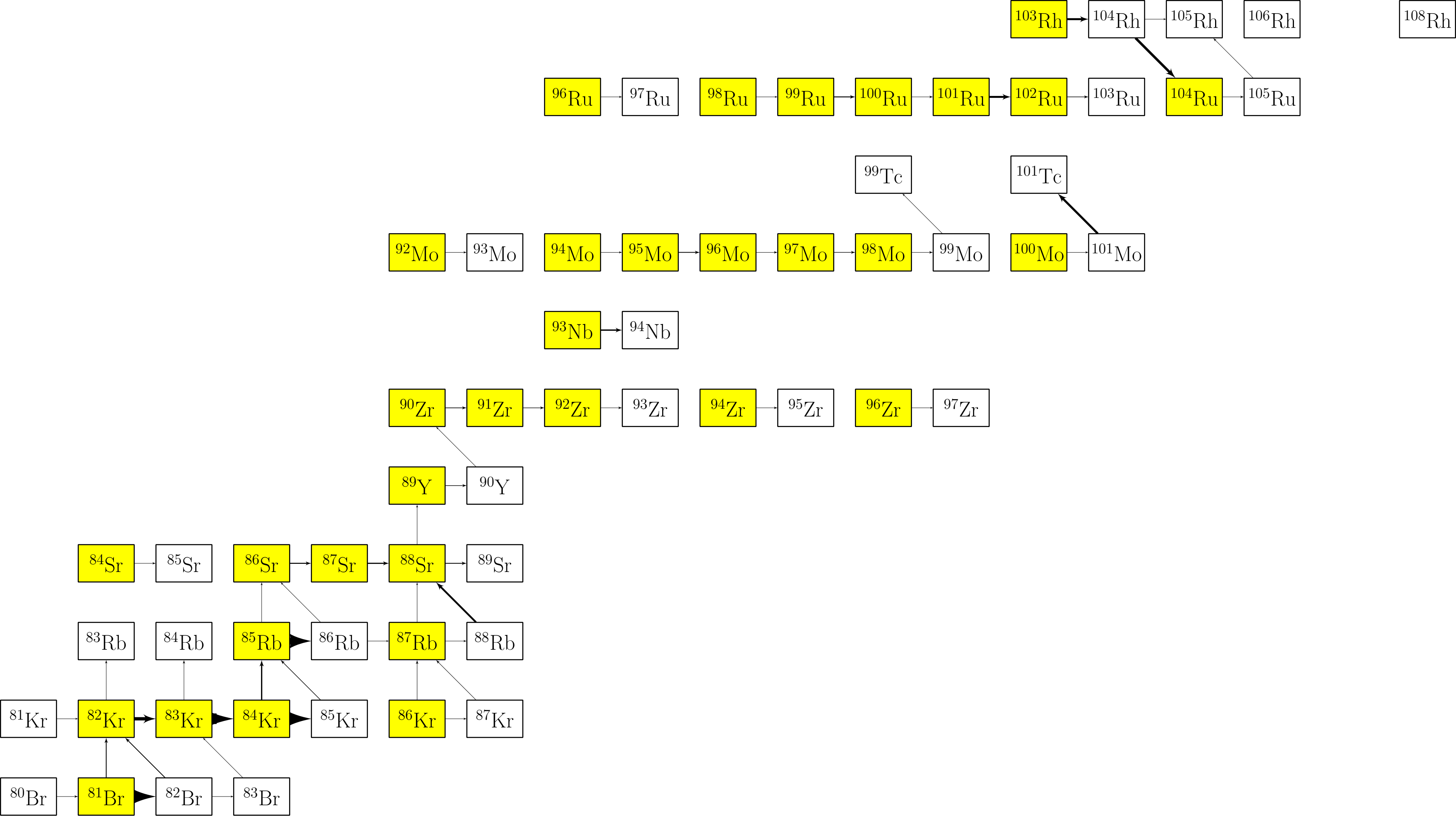
$time(s) = 0.00712801$      $T_9 = 0.212721$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.98186e - 17$



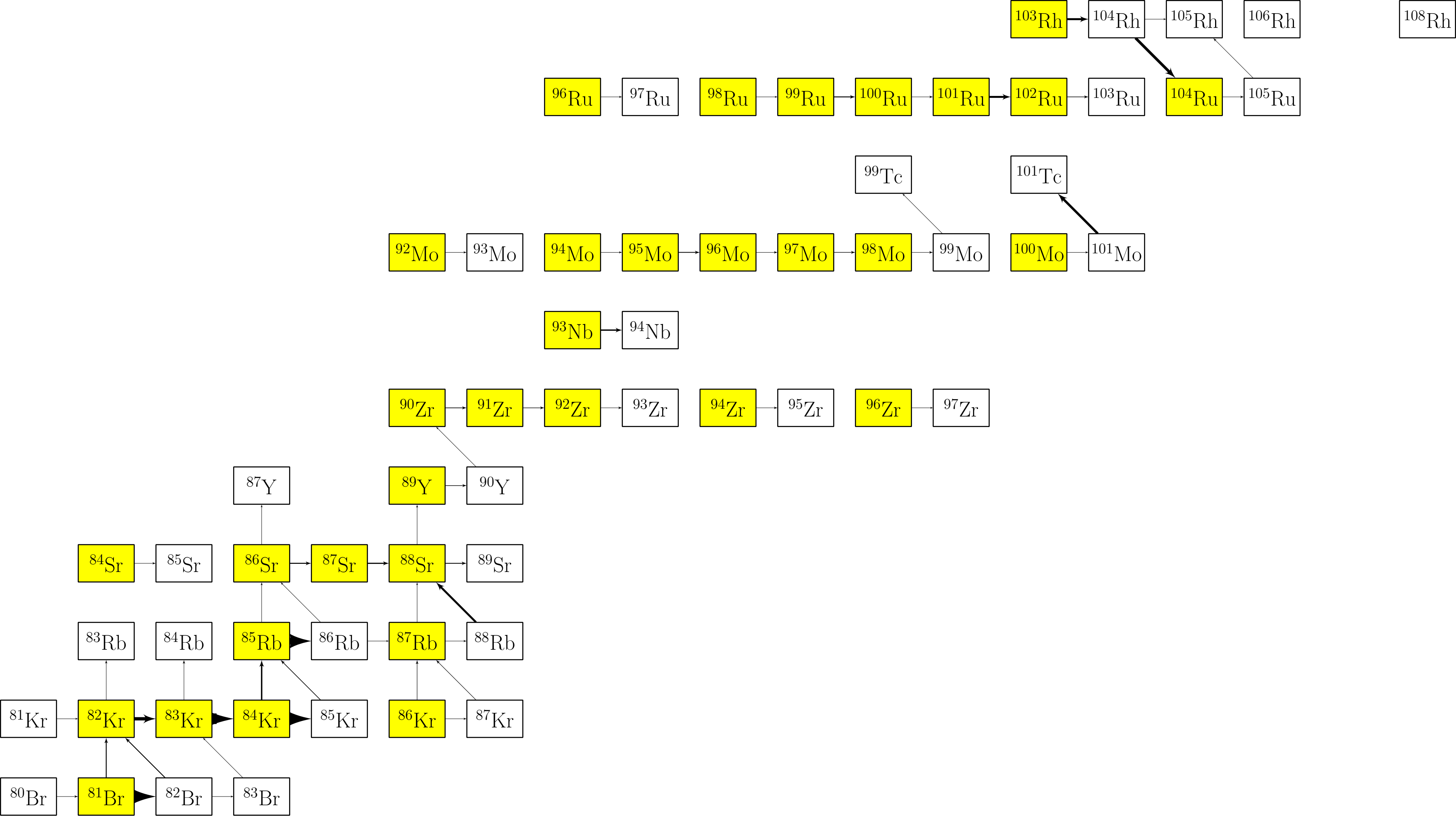
$time(s) = 0.00892175$      $T_9 = 0.212847$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.1929e - 17$



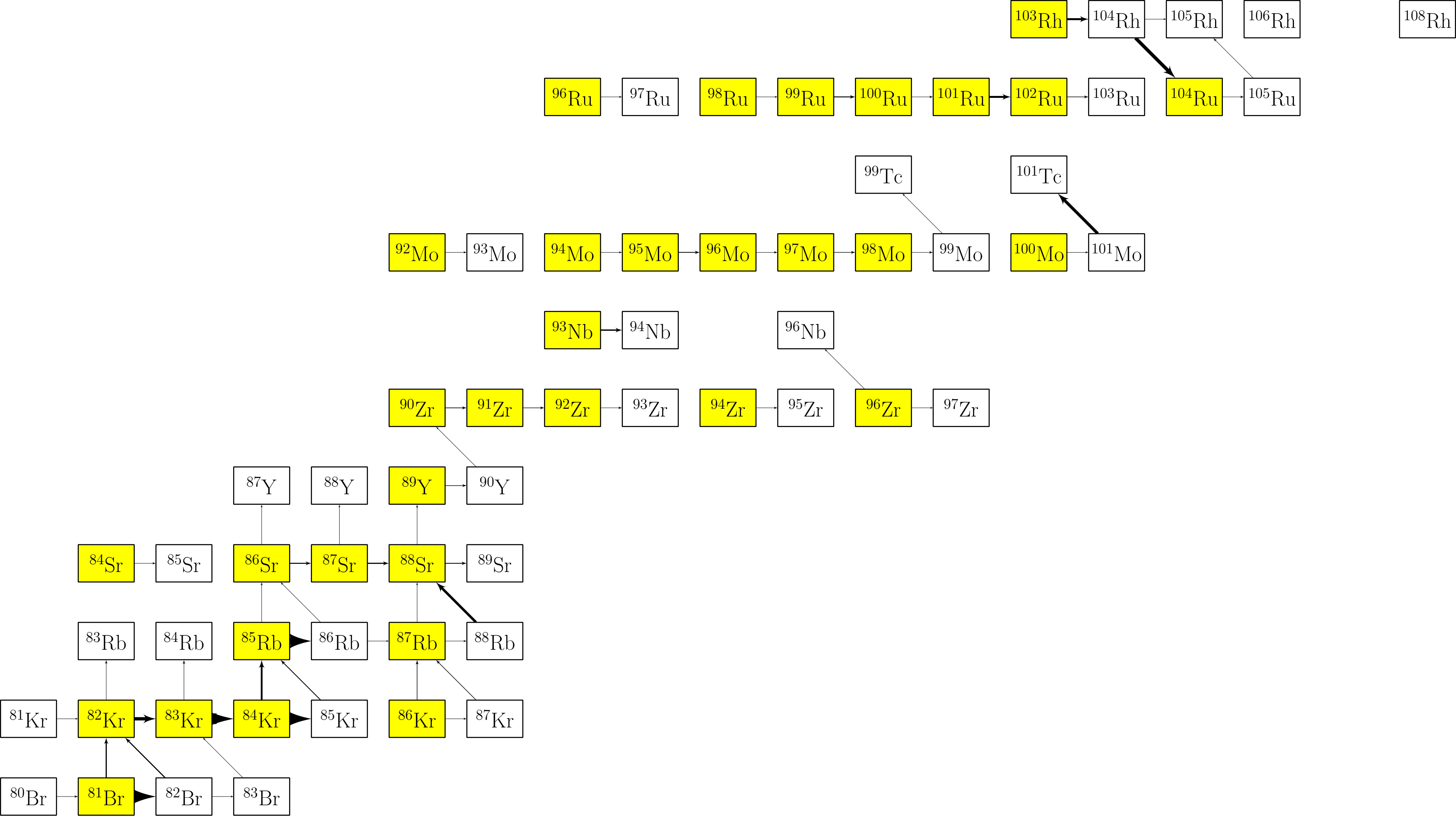
$time(s) = 0.0107034$      $T_9 = 0.212957$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.70554e - 17$



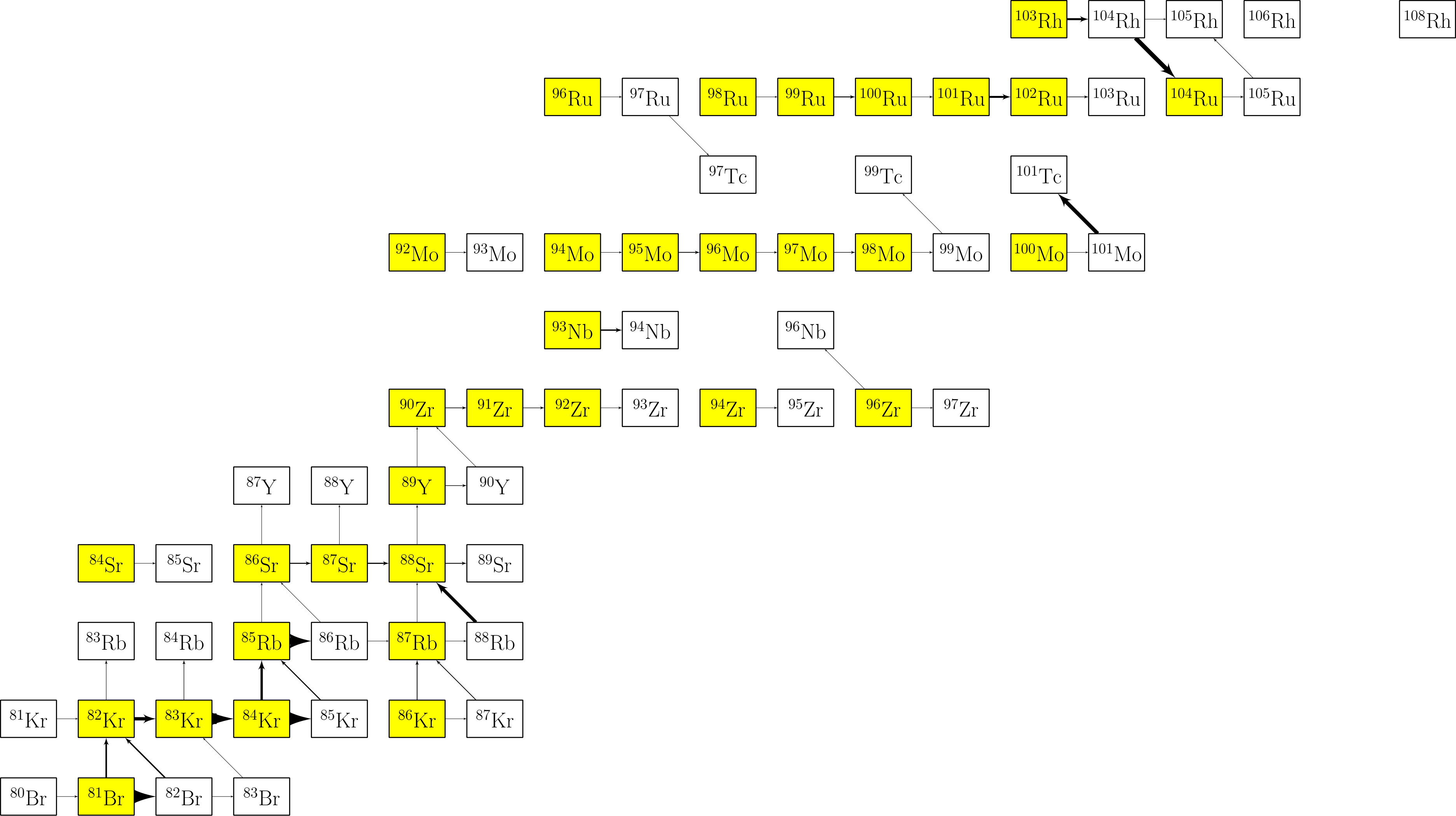
$time(s) = 0.0124747$      $T_9 = 0.213053$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.35695e - 17$



$time(s) = 0.0144123$      $T_9 = 0.213141$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.06063e - 17$

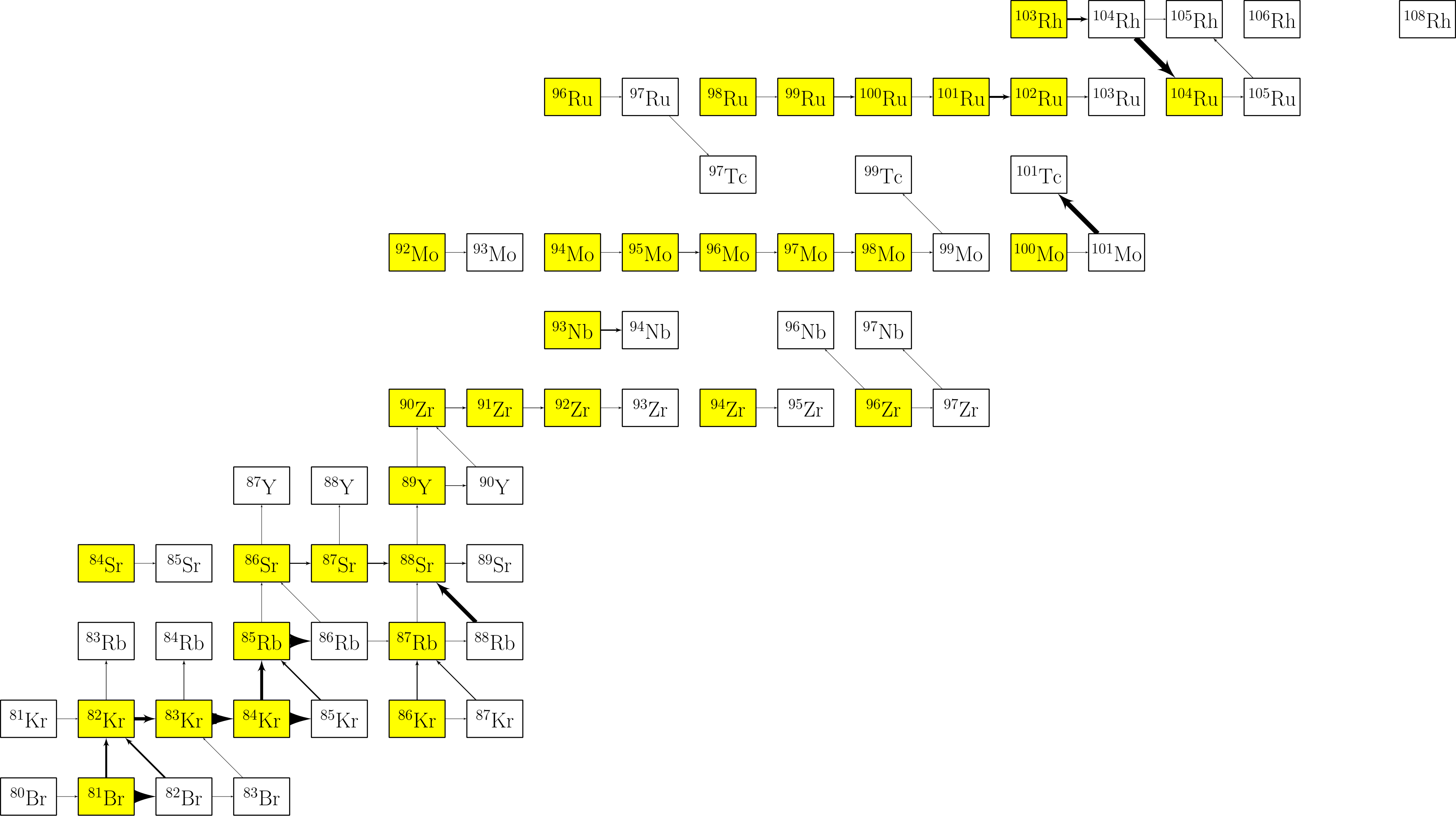


$time(s) = 0.0201284$      $T_9 = 0.213338$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.45425e - 17$

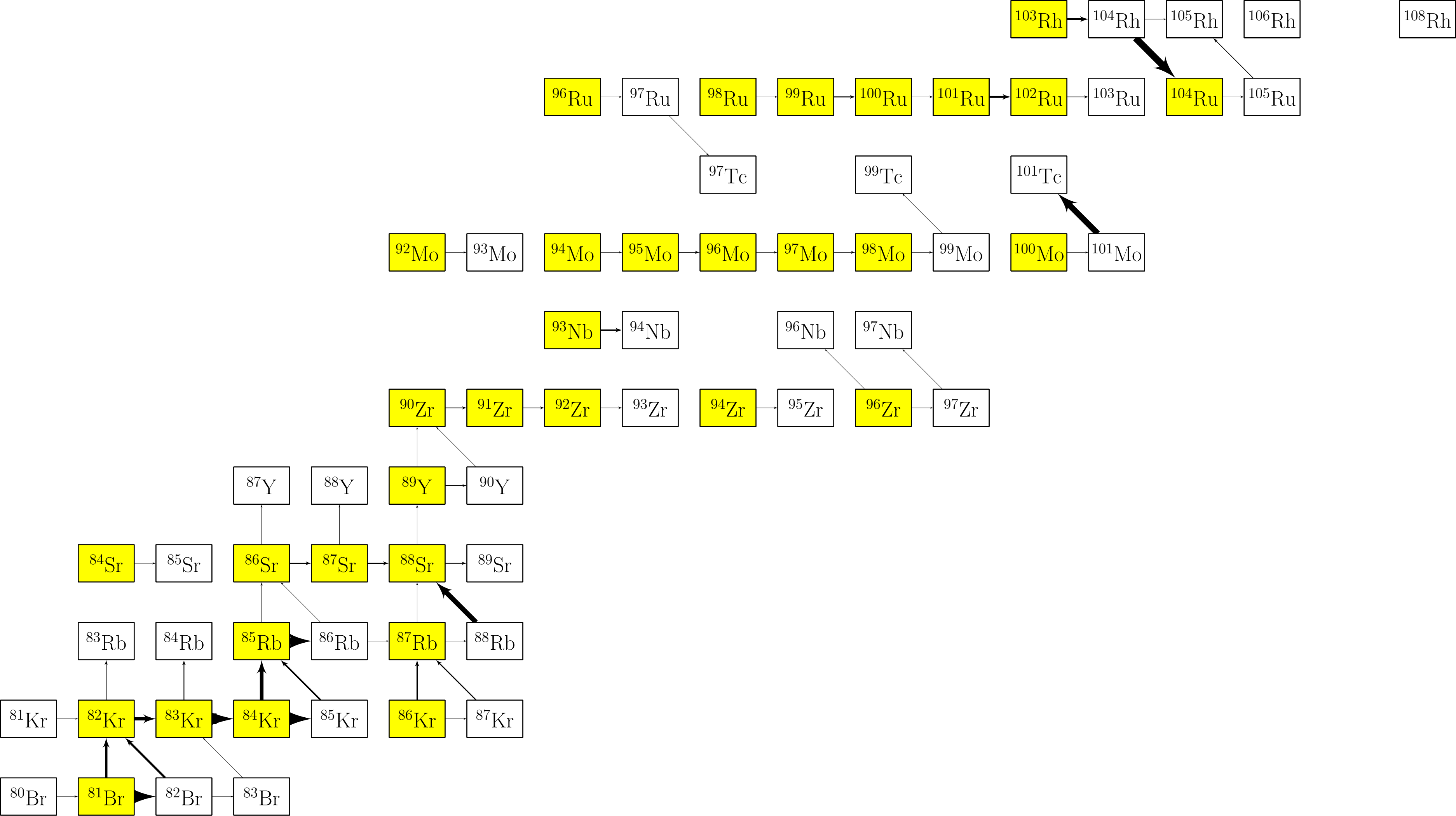


$time(s) = 0.0278217$    
  $T_9 = 0.213529$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 1.92094e - 17$

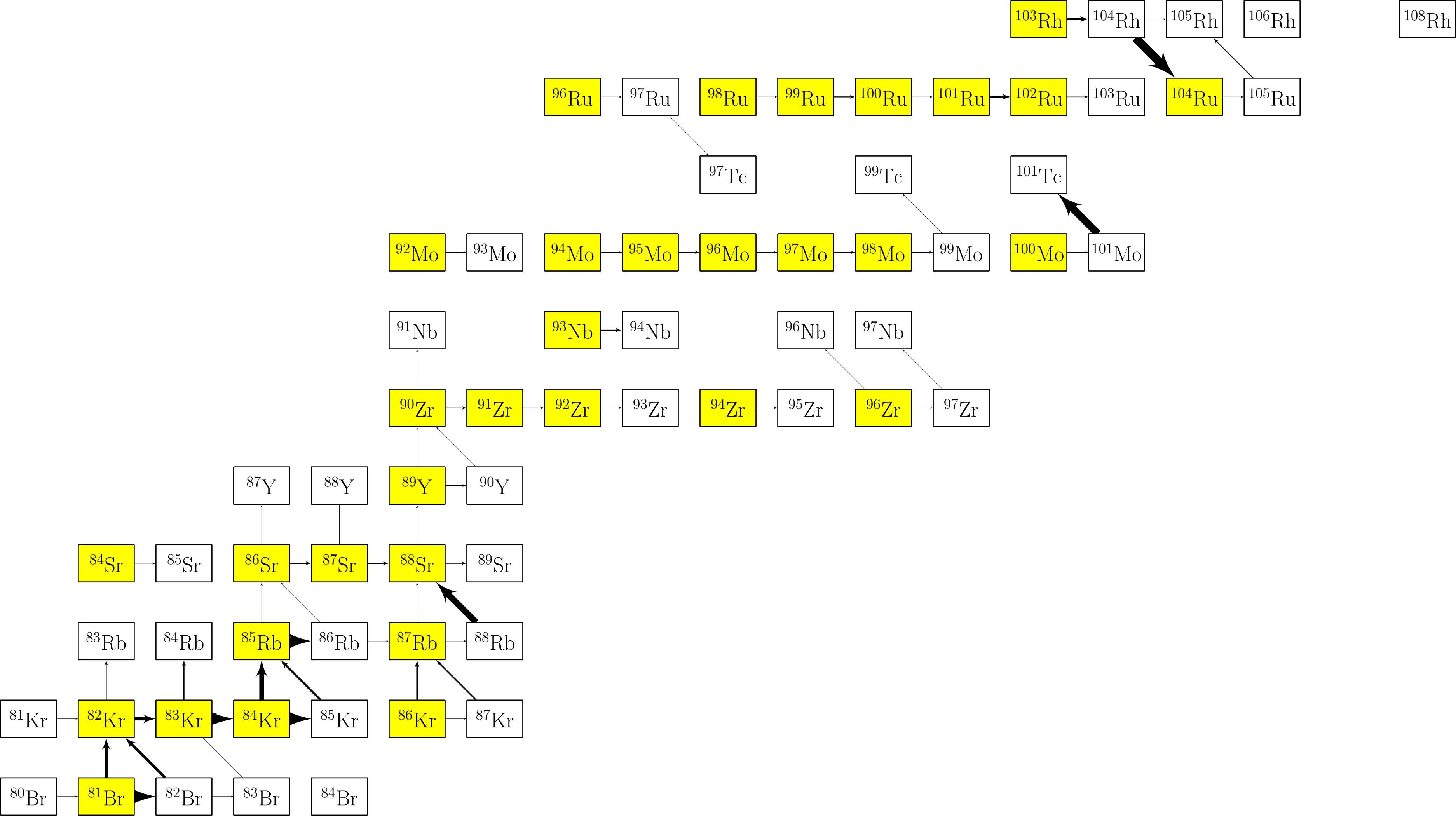




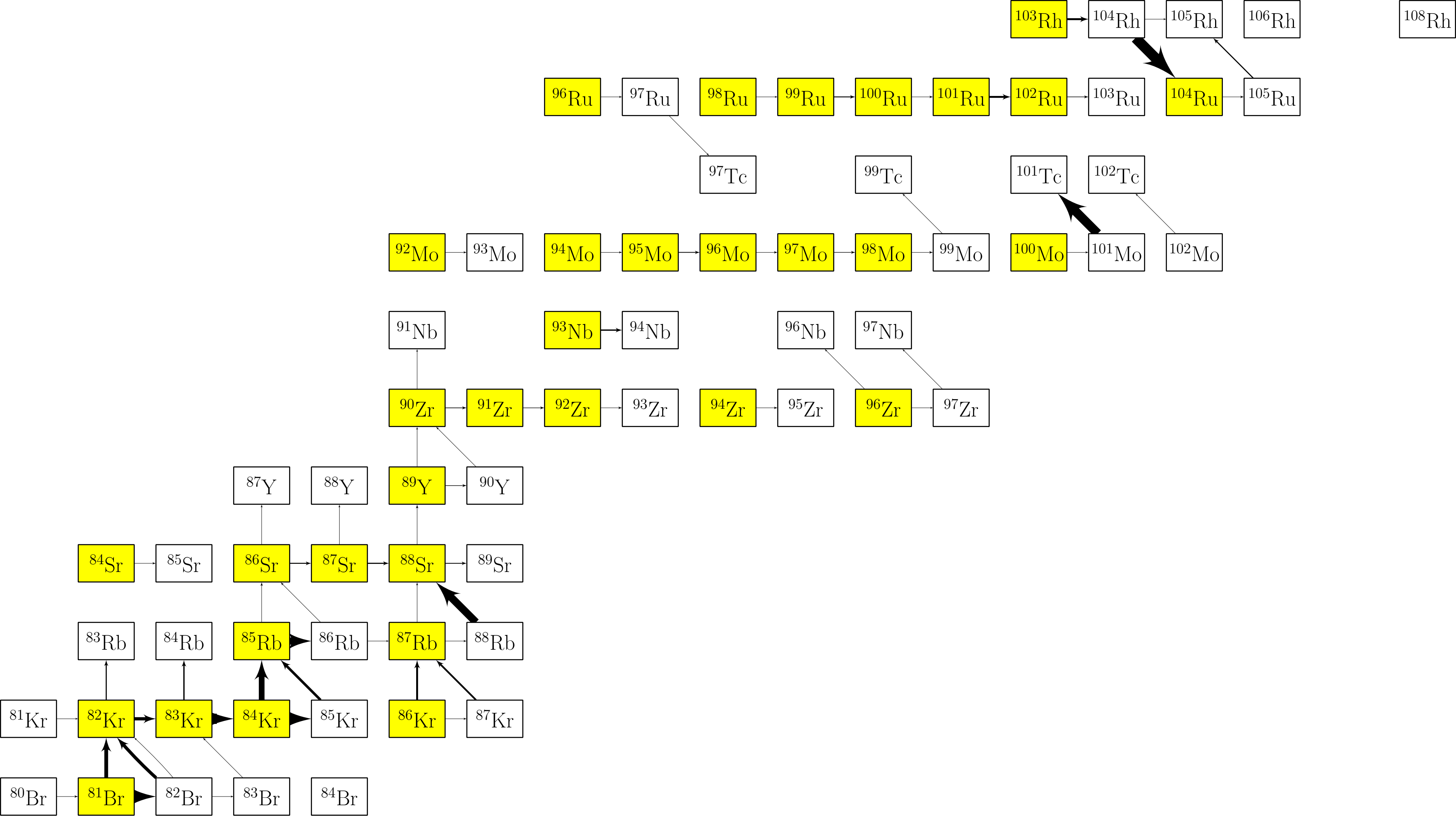
$time(s) = 0.0356861$    
  $T_9 = 0.213649$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 1.53968e - 17$



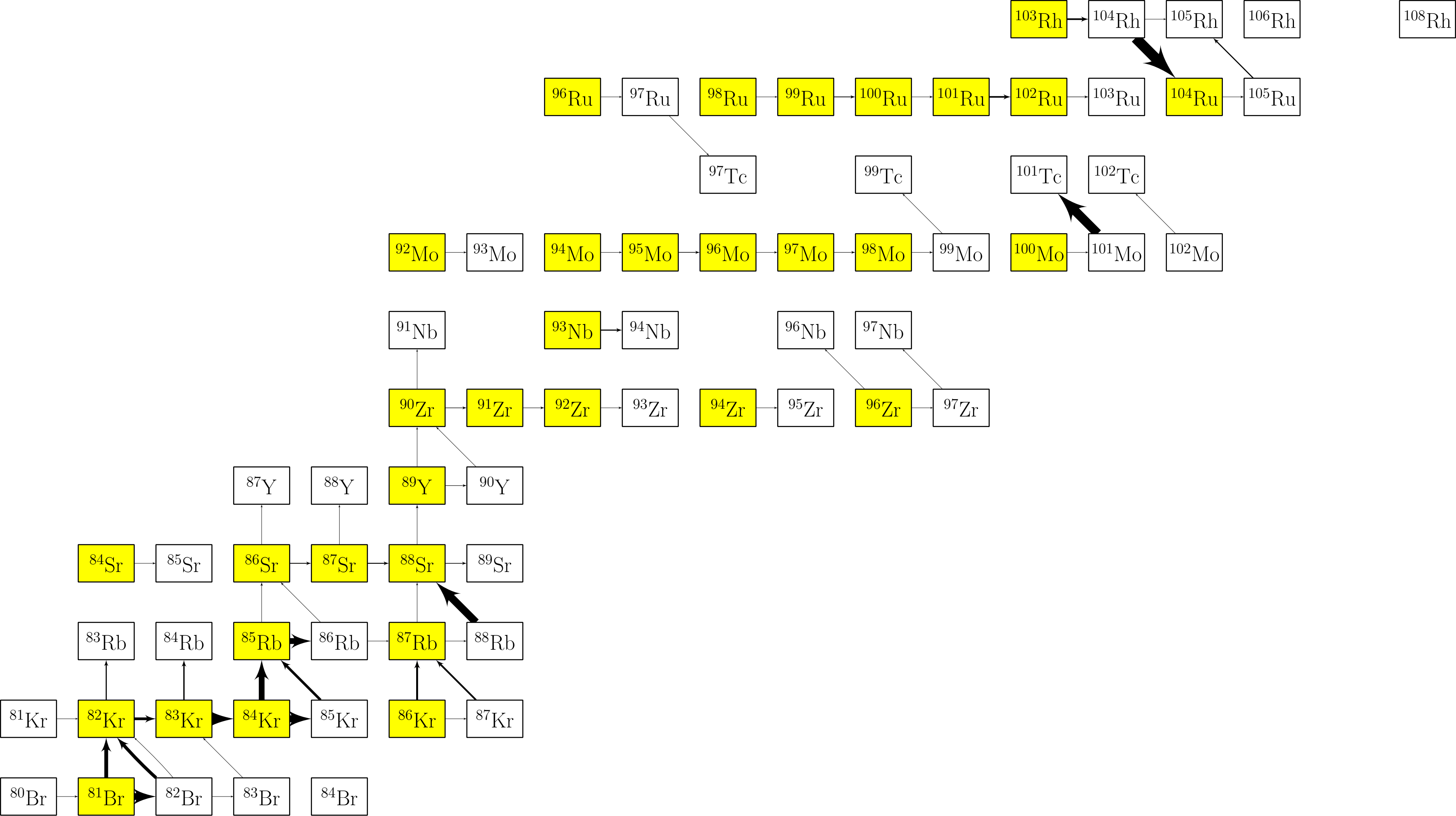
$time(s) = 0.0441846$      $T_9 = 0.213731$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.24496e - 17$



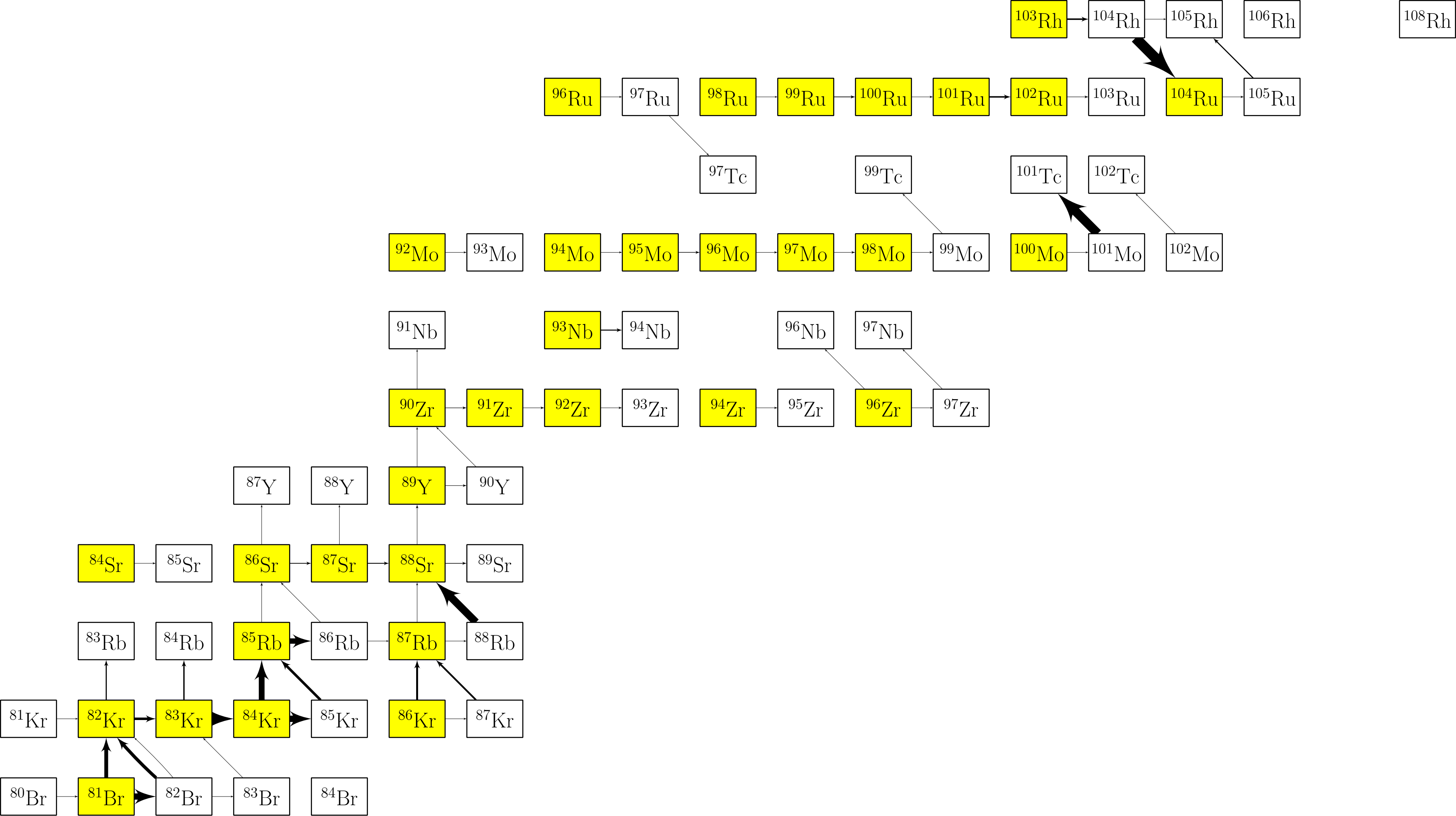
$time(s) = 0.0552307$      $T_9 = 0.213797$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.85454e - 18$



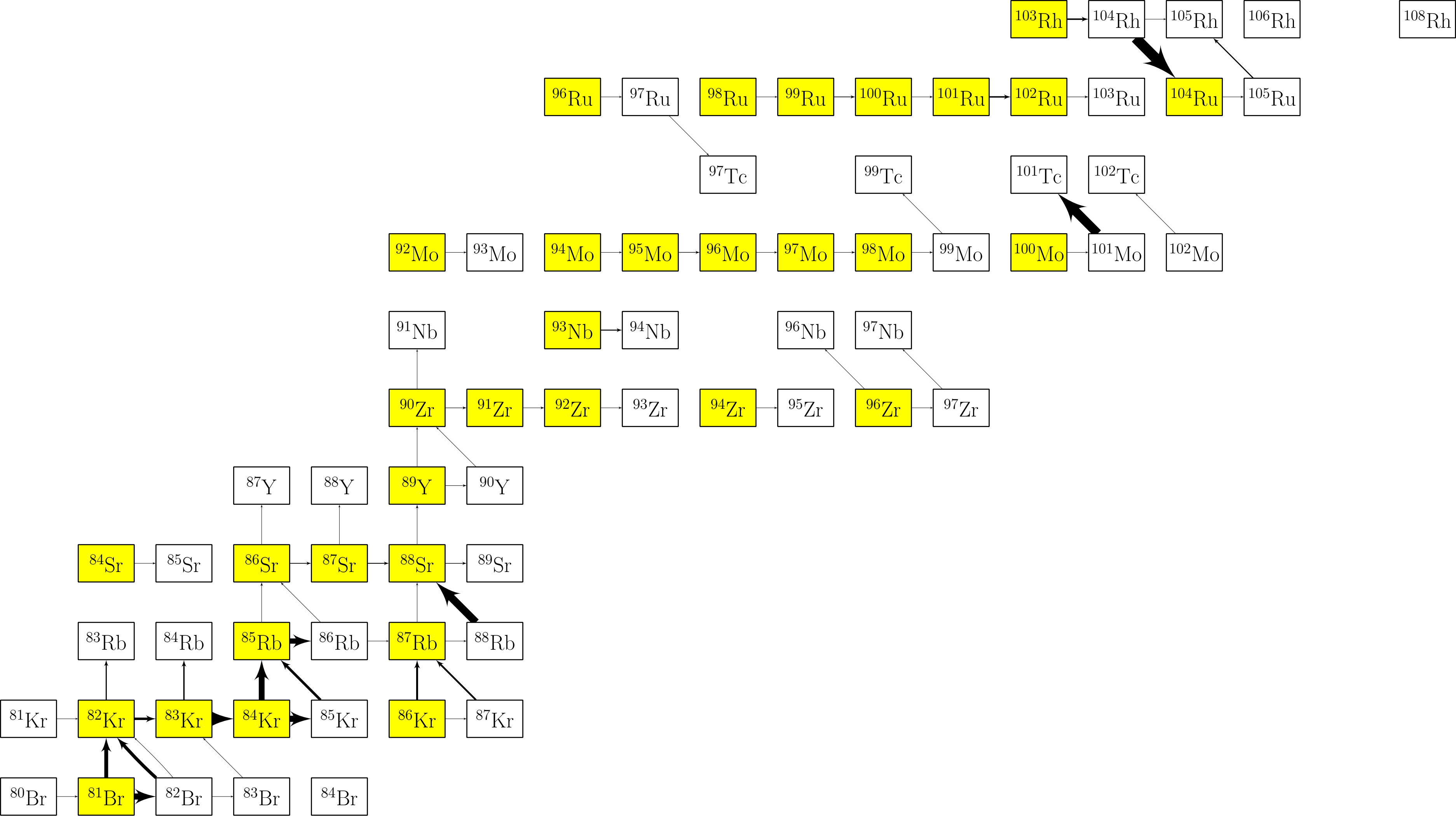
$time(s) = 0.0690517$    
  $T_9 = 0.213853$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.05728e - 18$



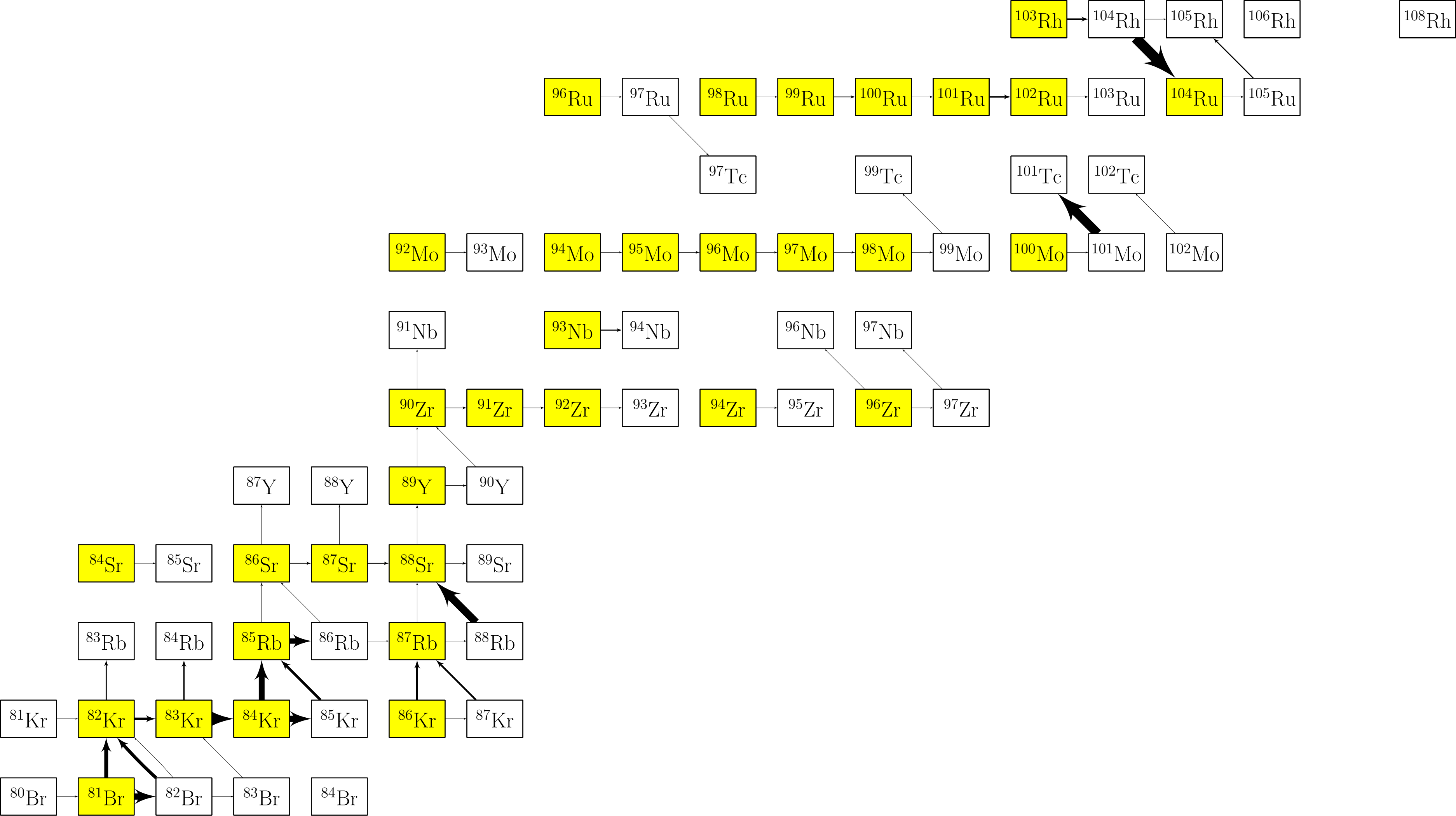
$time(s) = 0.0870614$    
  $T_9 = 0.213905$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.05491e - 18$



$time(s) = 0.105084$      $T_9 = 0.213948$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 8.05253e - 18$

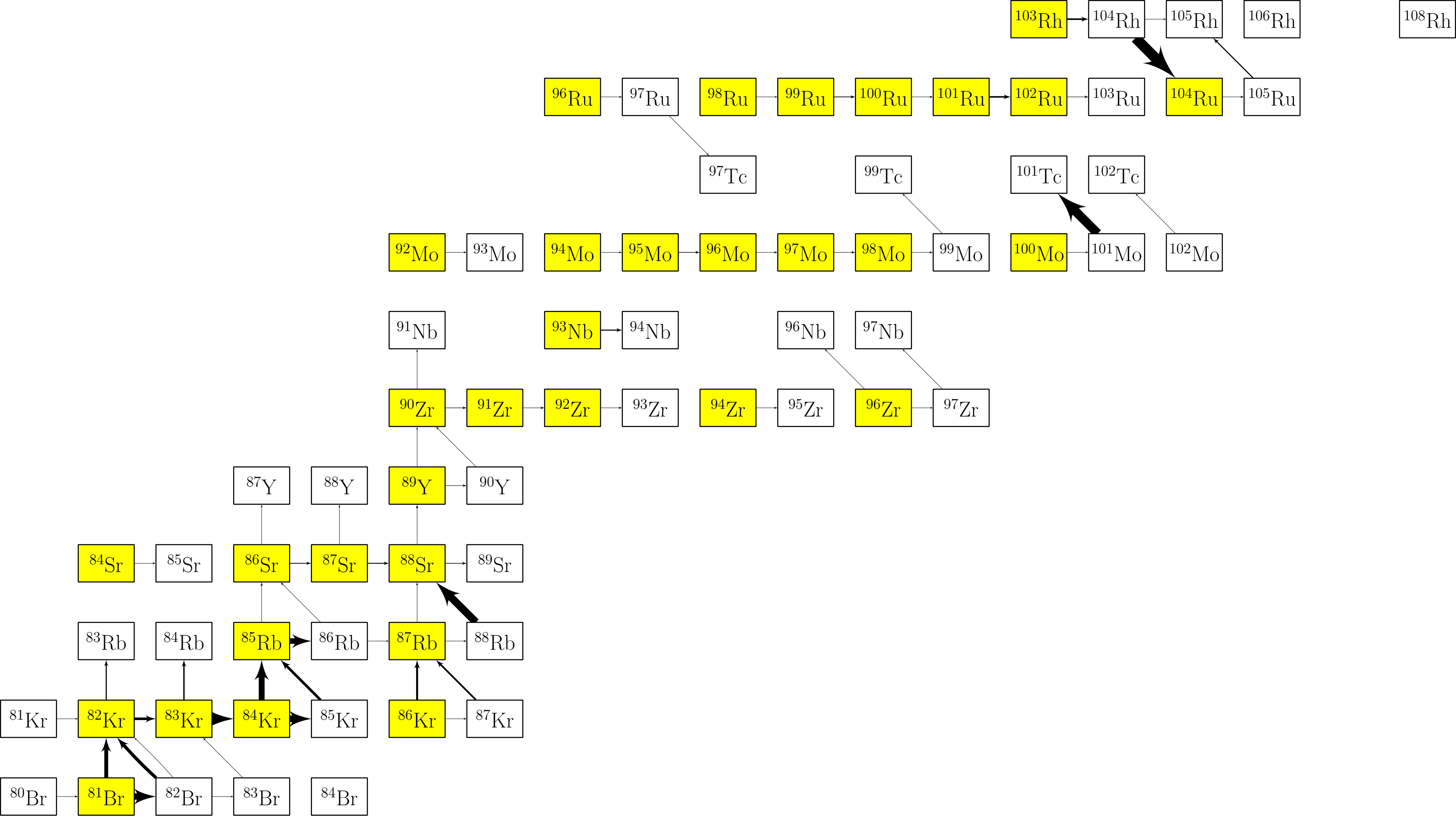


$time(s) = 0.123316$    
  $T_9 = 0.213986$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.05013e - 18$

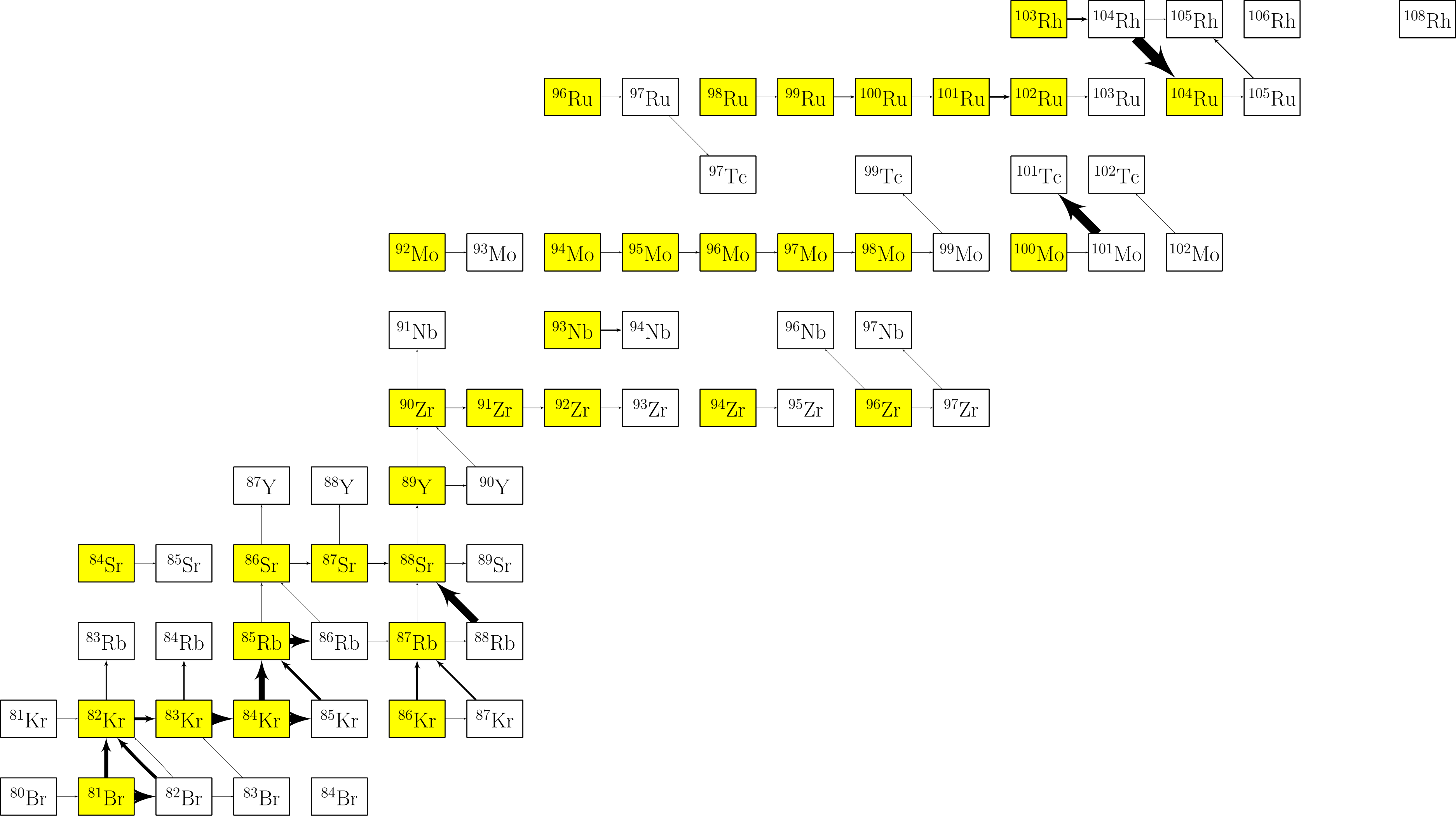


$time(s) = 0.142685$    
  $T_9 = 0.214024$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.04757e - 18$

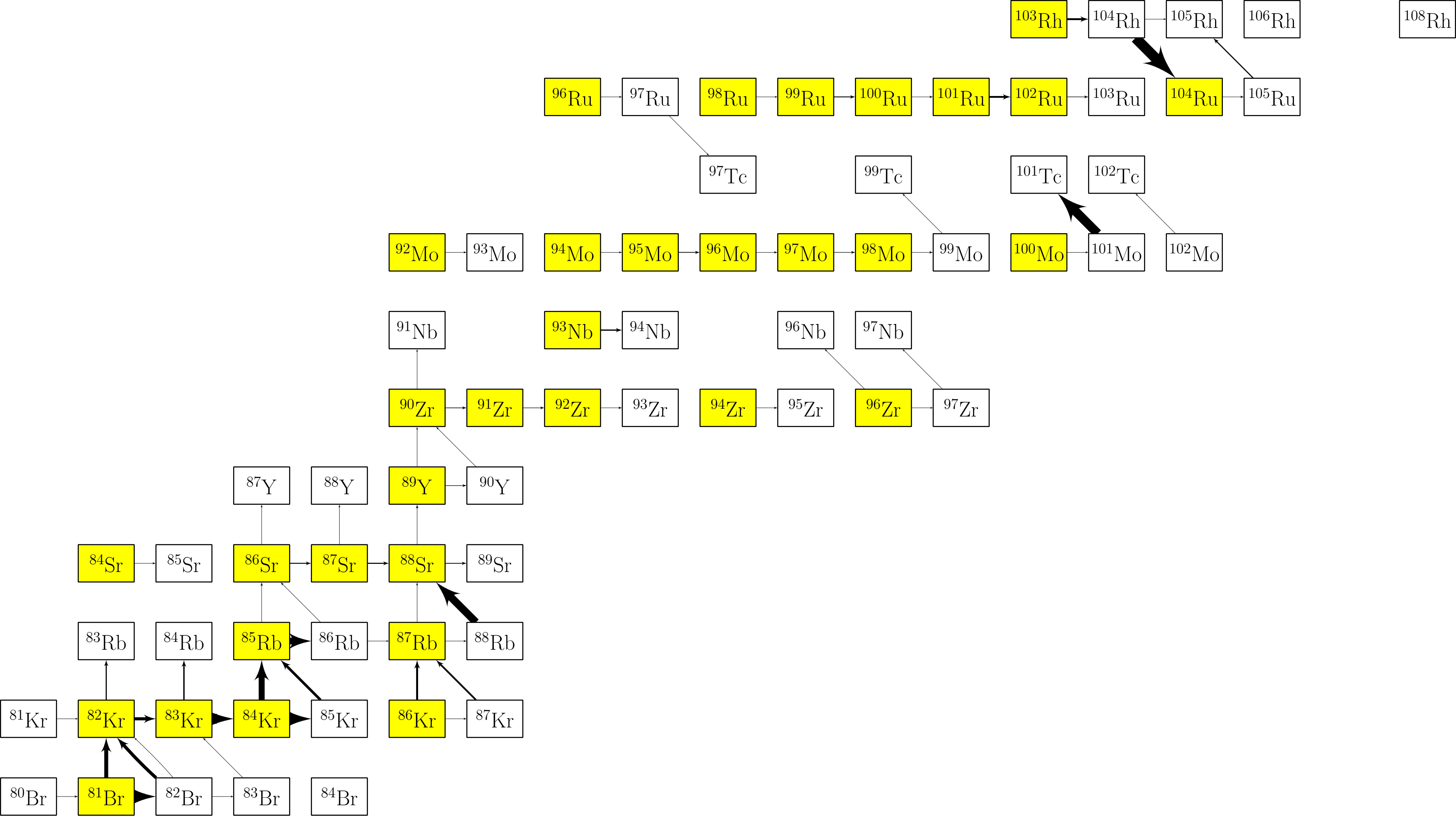




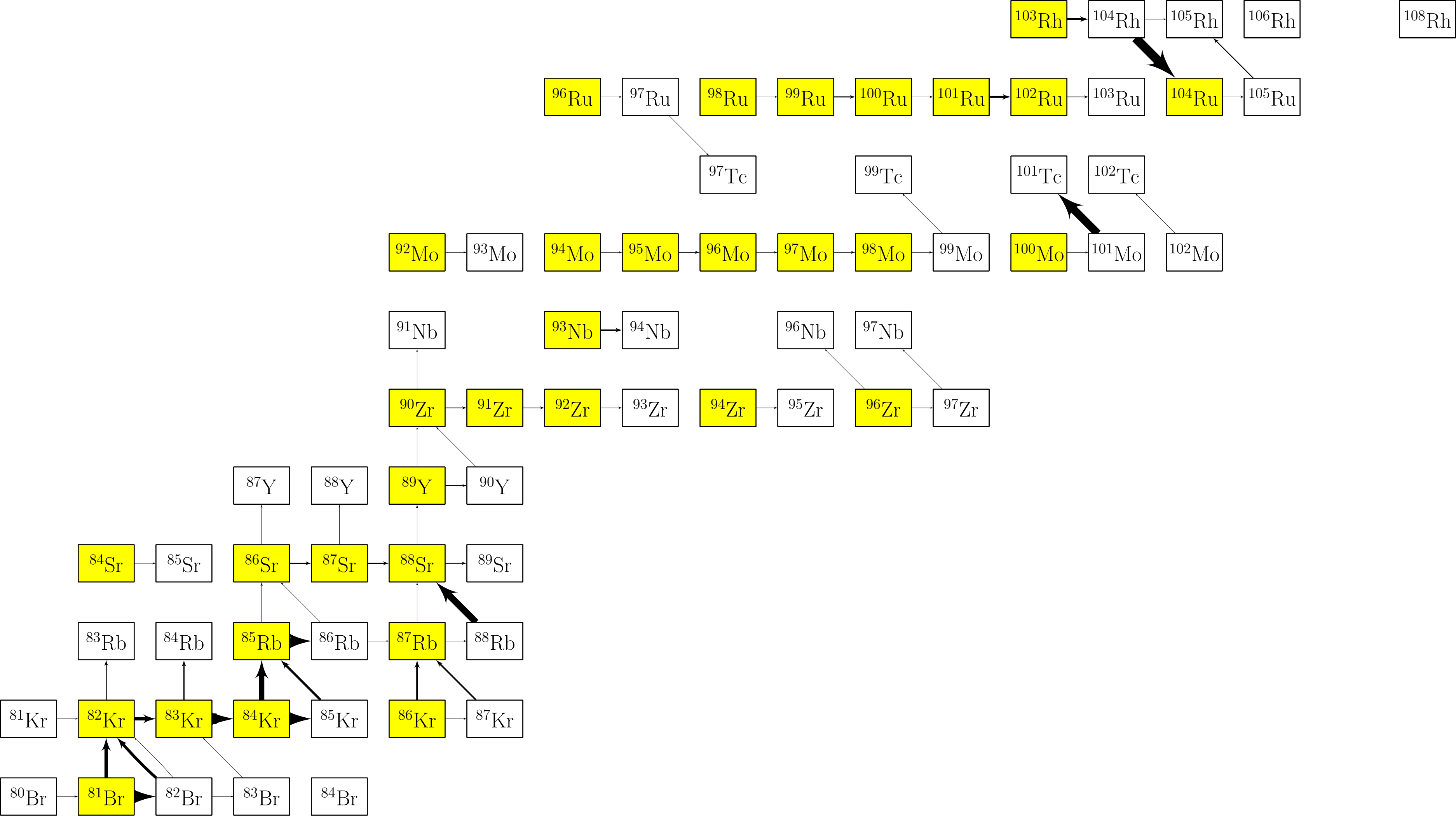
$time(s) = 0.168348$    
  $T_9 = 0.214071$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.04419e - 18$



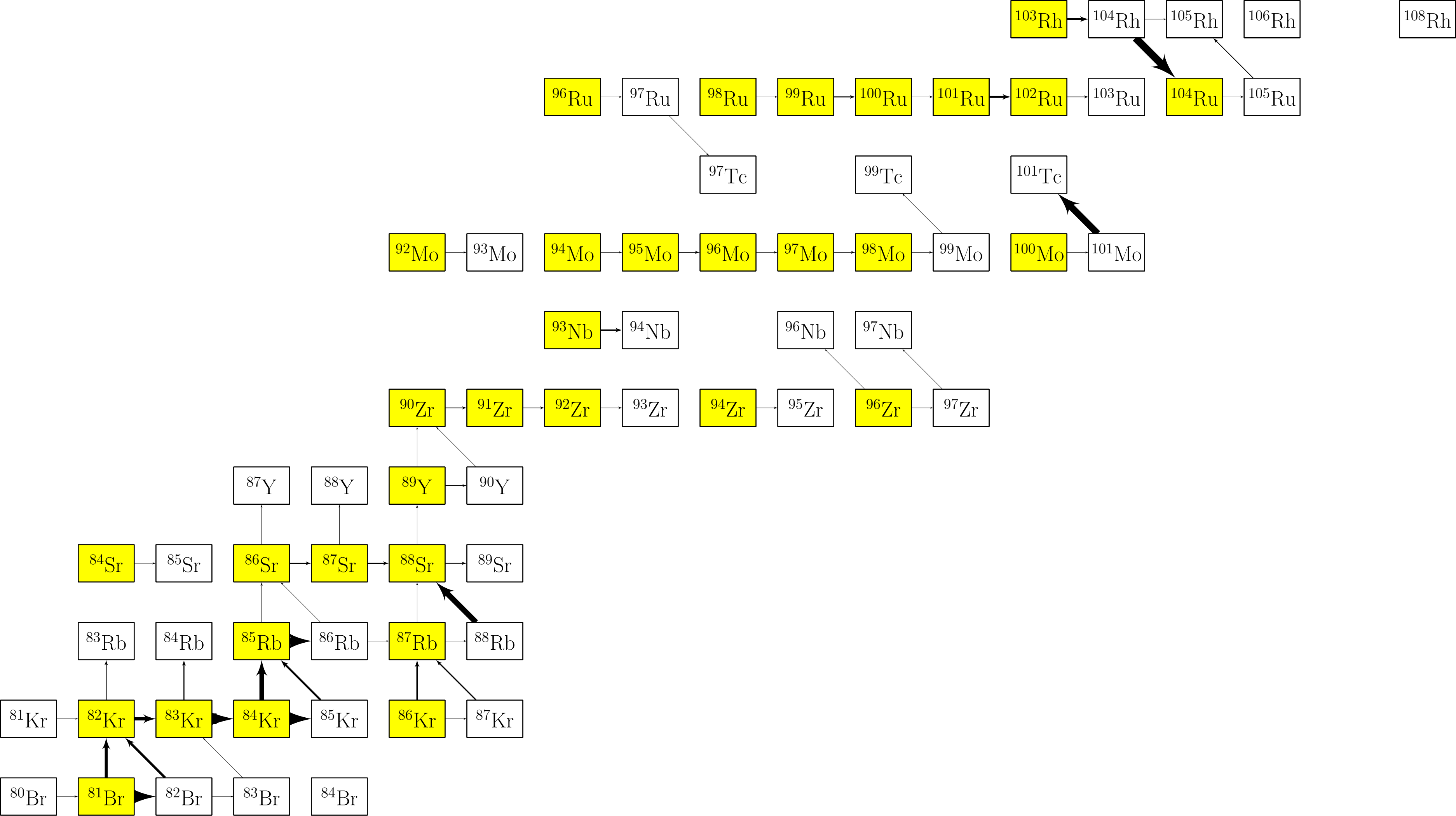
$time(s) = 0.198005$      $T_9 = 0.214123$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 8.04029e - 18$



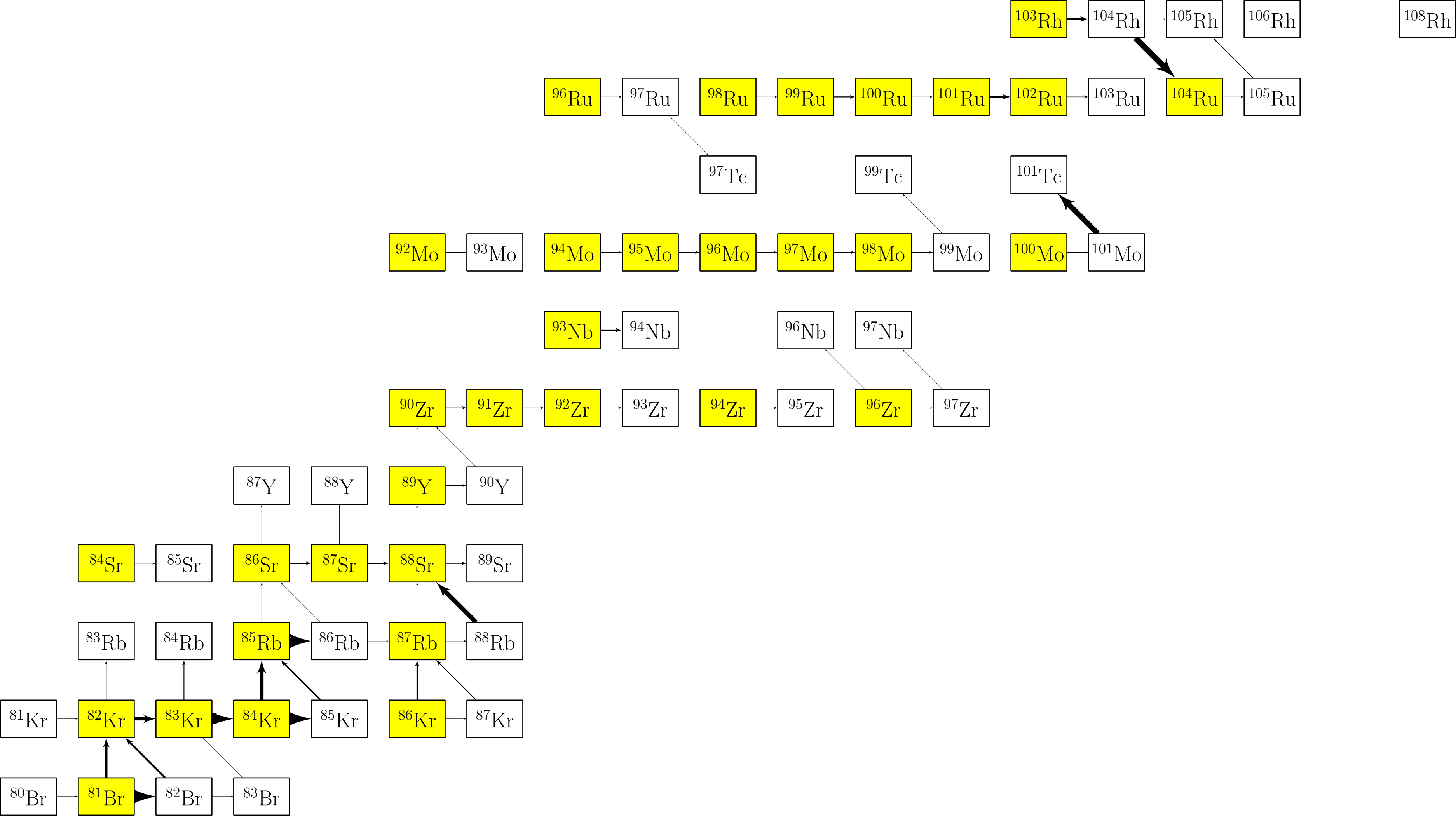
$time(s) = 0.241259$    
  $T_9 = 0.214189$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 8.03459e - 18$



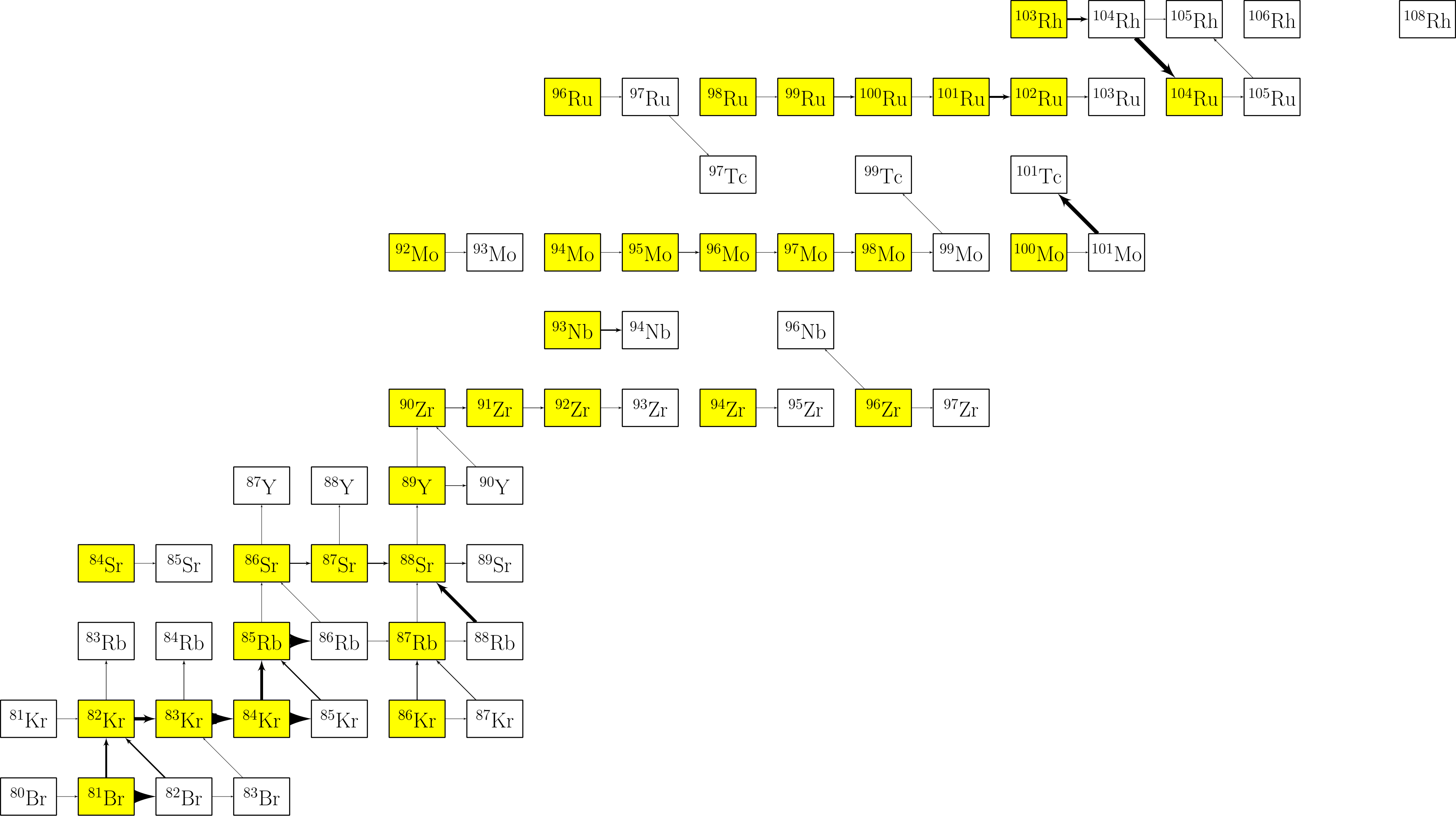
$time(s) = 0.32741$    
  $T_9 = 0.214319$    
  $\rho(g/cc) = 1e + 07$    
  $flow_{max} = 9.17102e - 18$



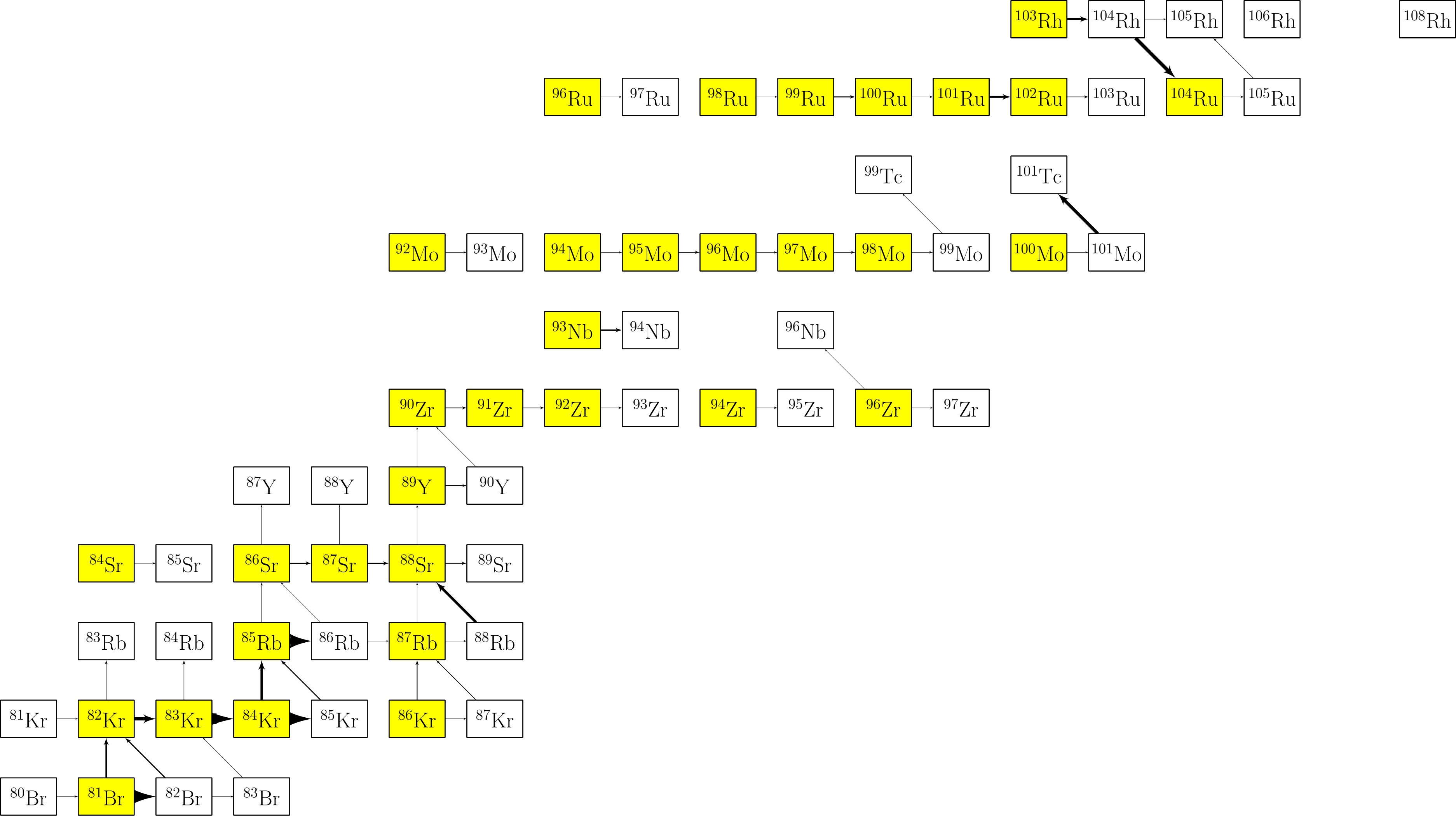
$time(s) = 0.424087$      $T_9 = 0.214454$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.1029e - 17$



$time(s) = 0.567921$      $T_9 = 0.21463$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.36892e - 17$

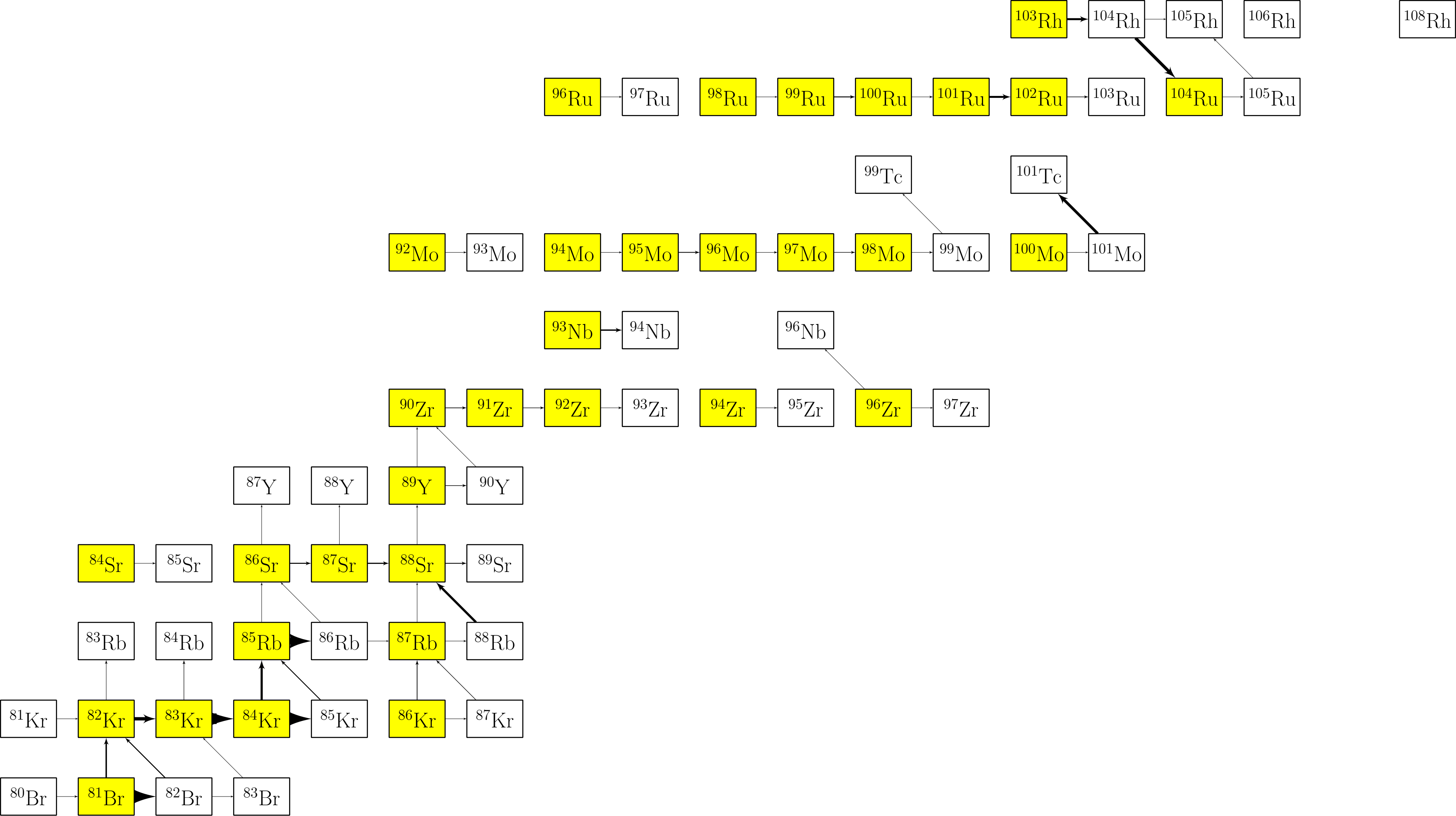


$time(s) = 0.882262$      $T_9 = 0.214993$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.88138e - 17$

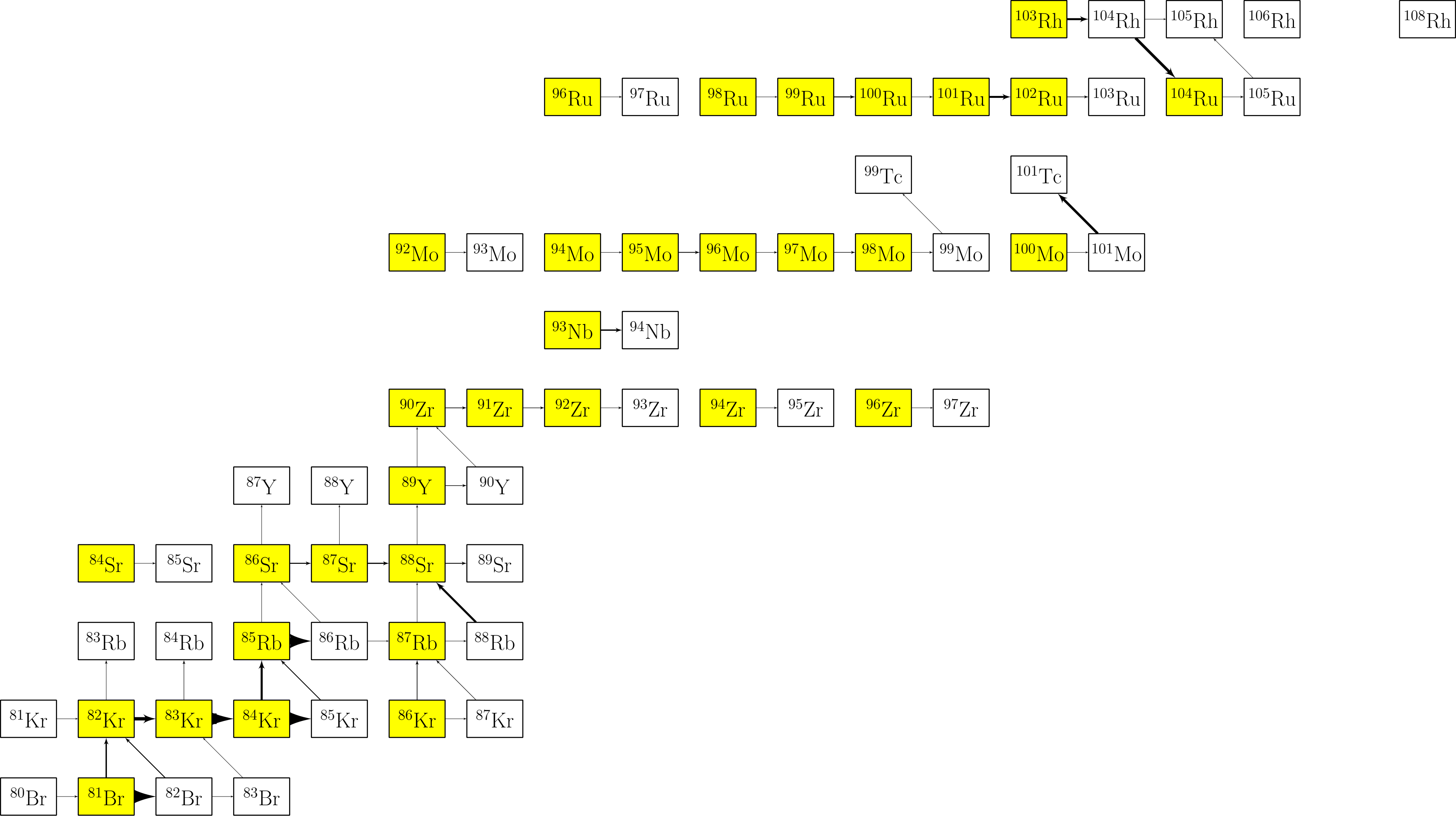


$time(s) = 1.22755$      $T_9 = 0.215401$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.3349e - 17$

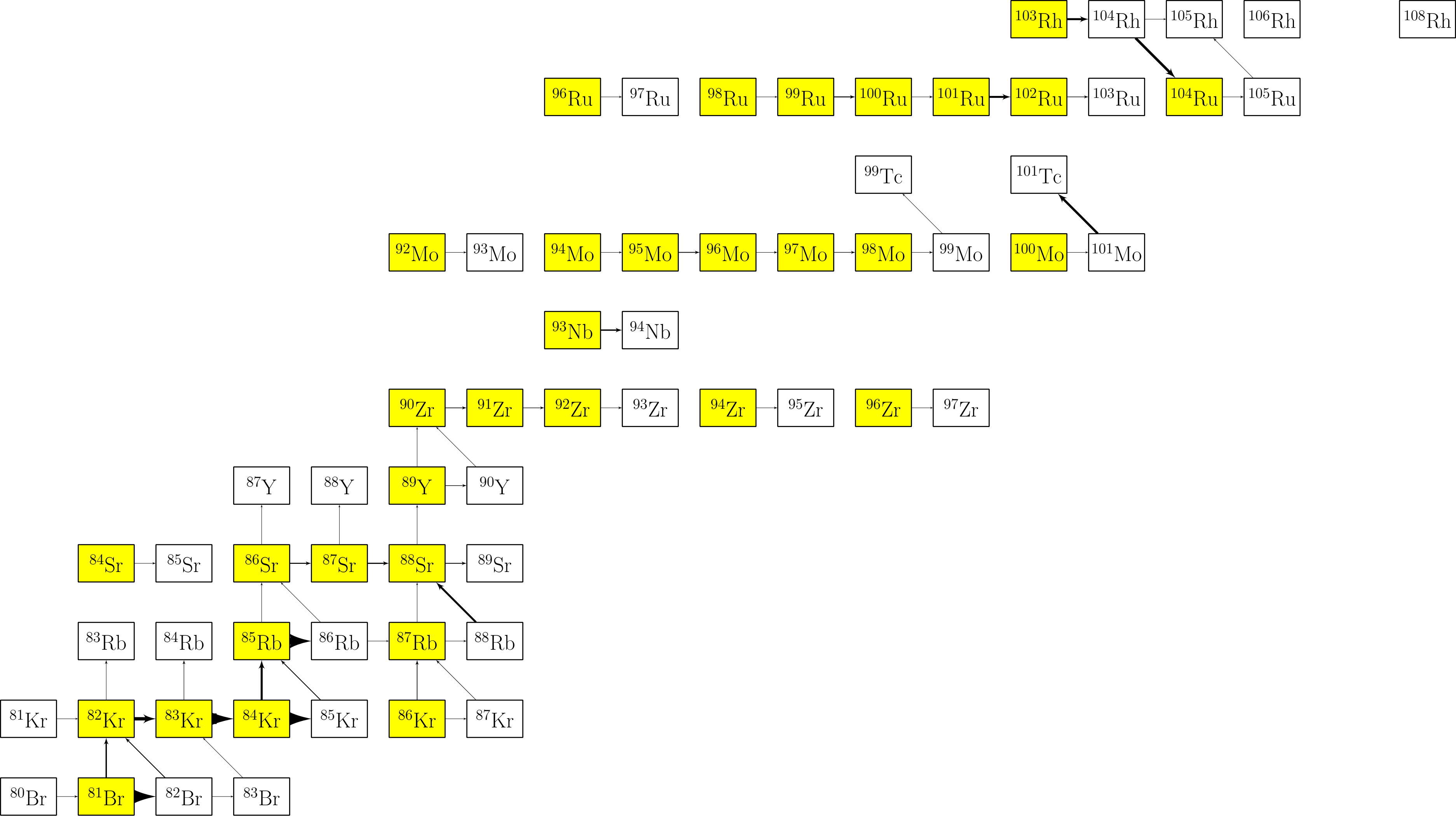




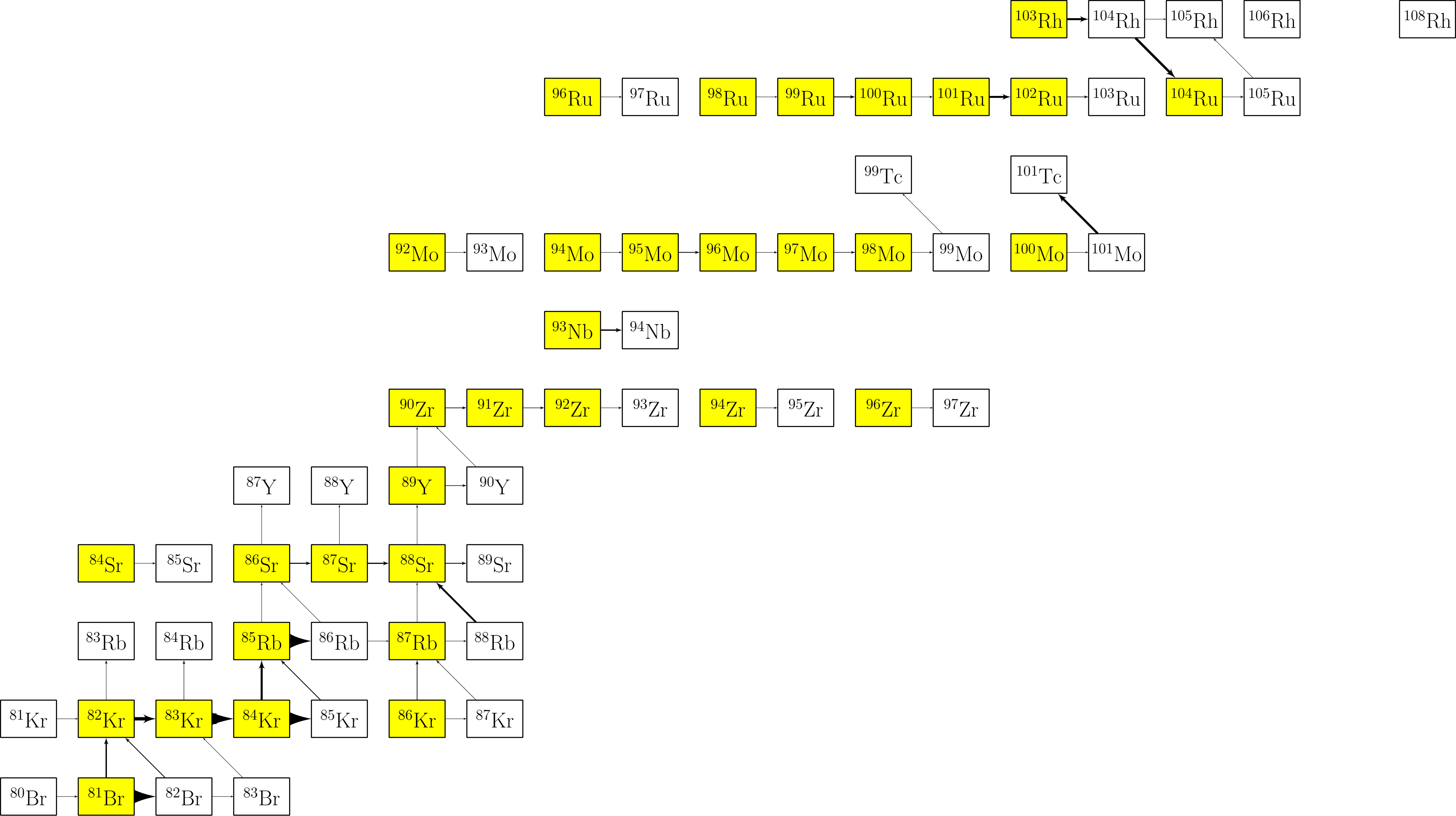
$time(s) = 1.56735$      $T_9 = 0.215811$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.68083e - 17$



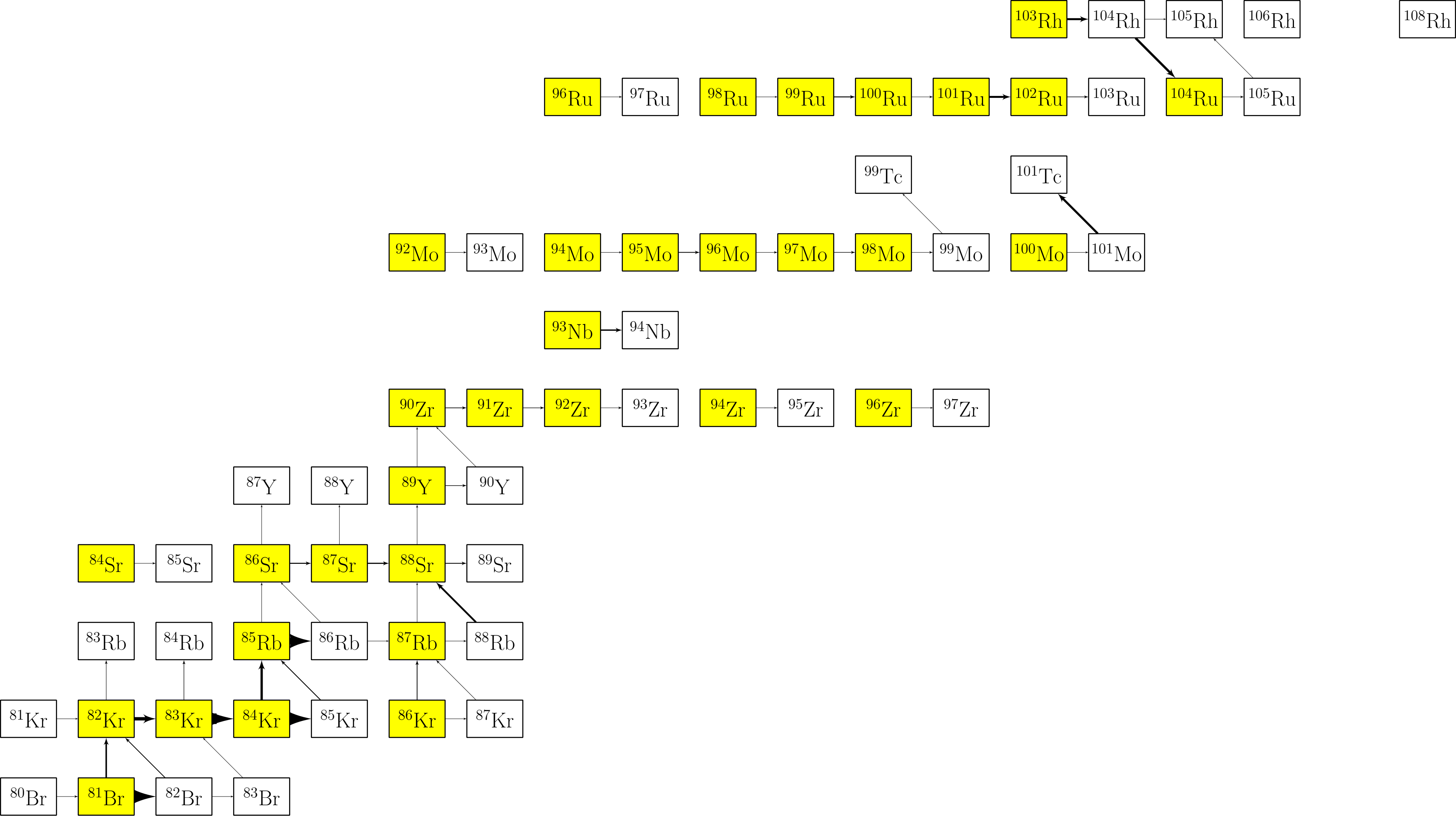
$time(s) = 1.90457$      $T_9 = 0.21623$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.94199e - 17$



$time(s) = 2.25141$     $T_9 = 0.216675$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 3.13924e - 17$

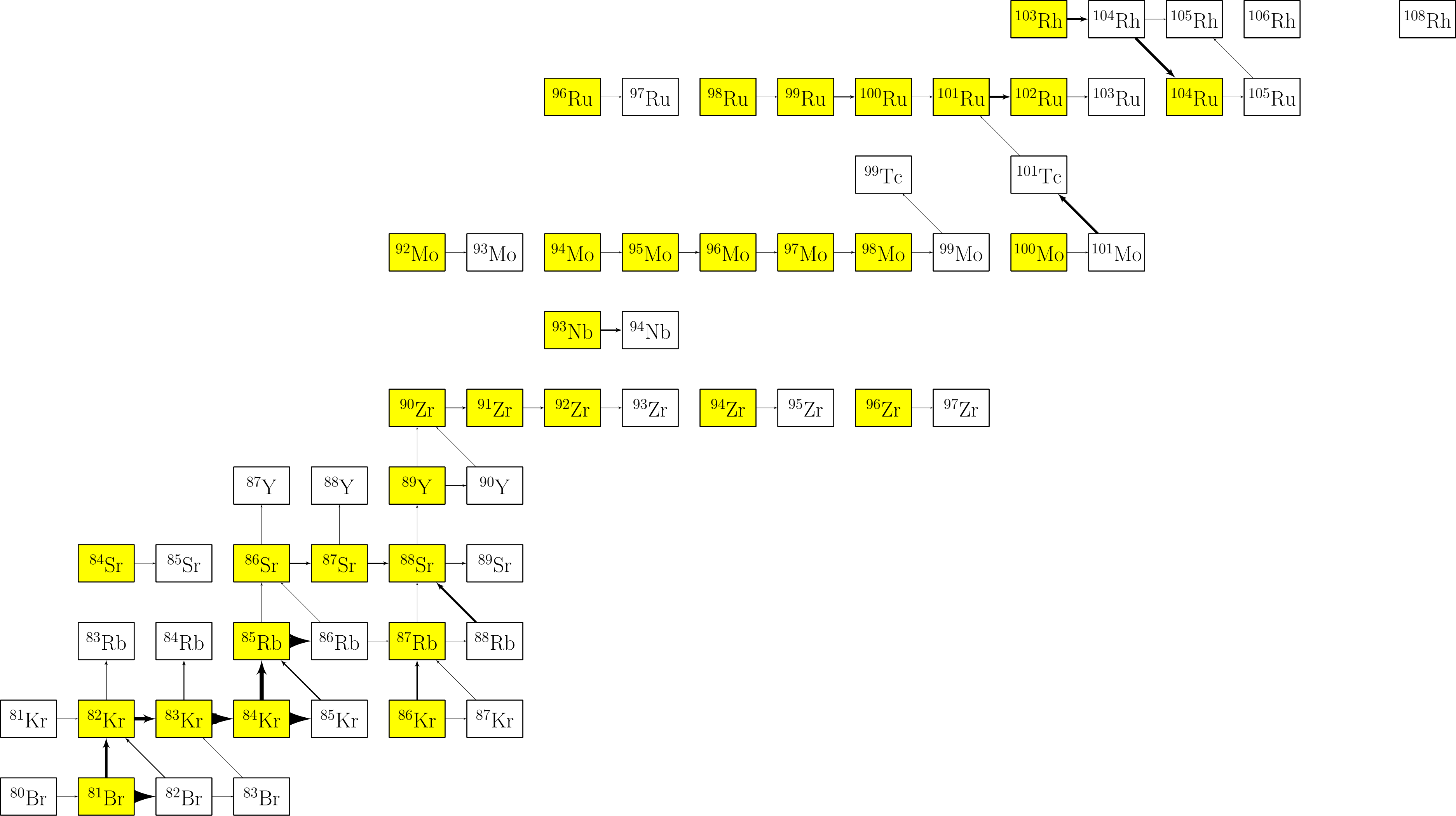


$time(s) = 2.67416$      $T_9 = 0.217223$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.29491e - 17$

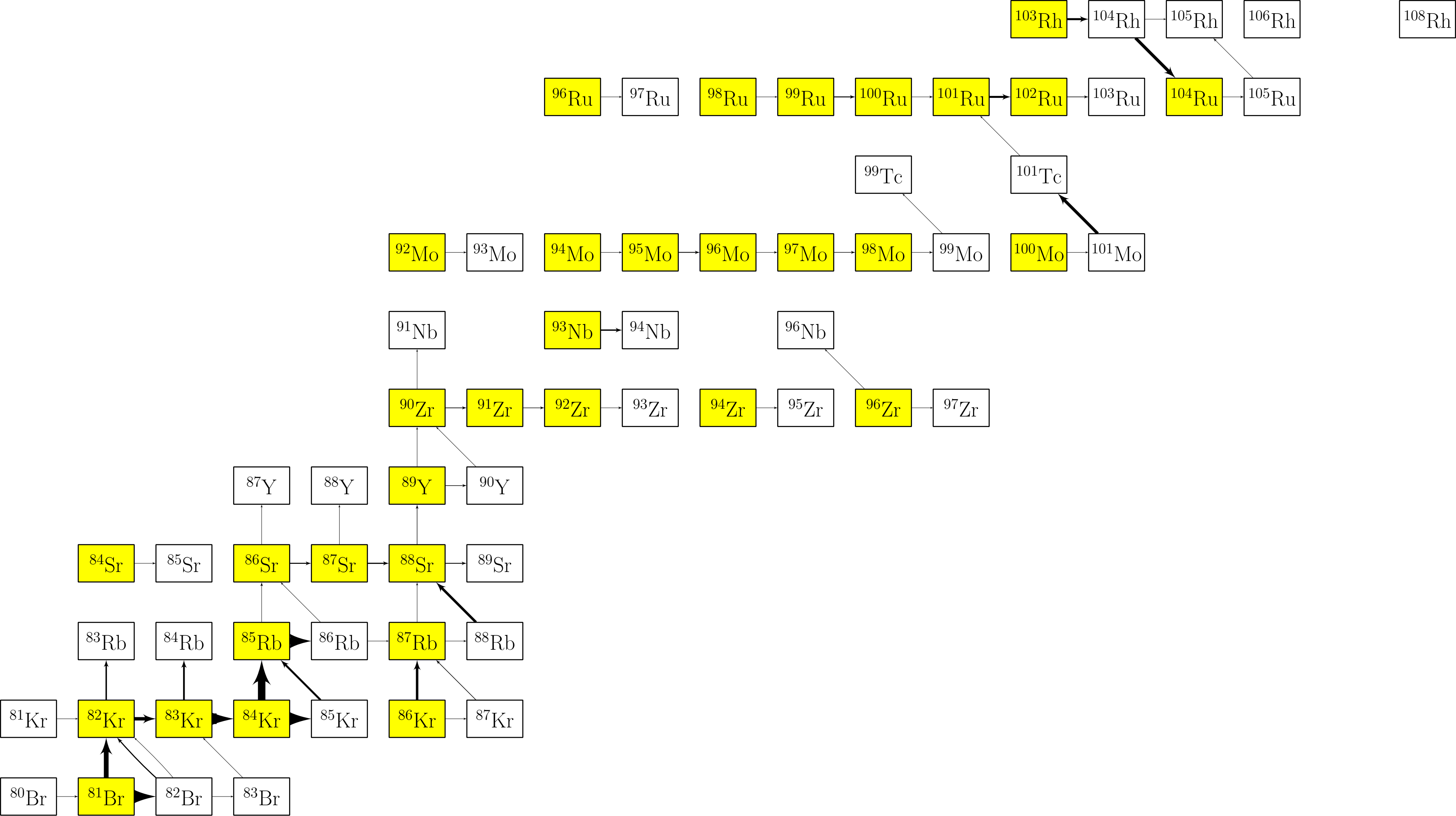


$time(s) = 3.56091$      $T_9 = 0.218441$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.39593e - 17$



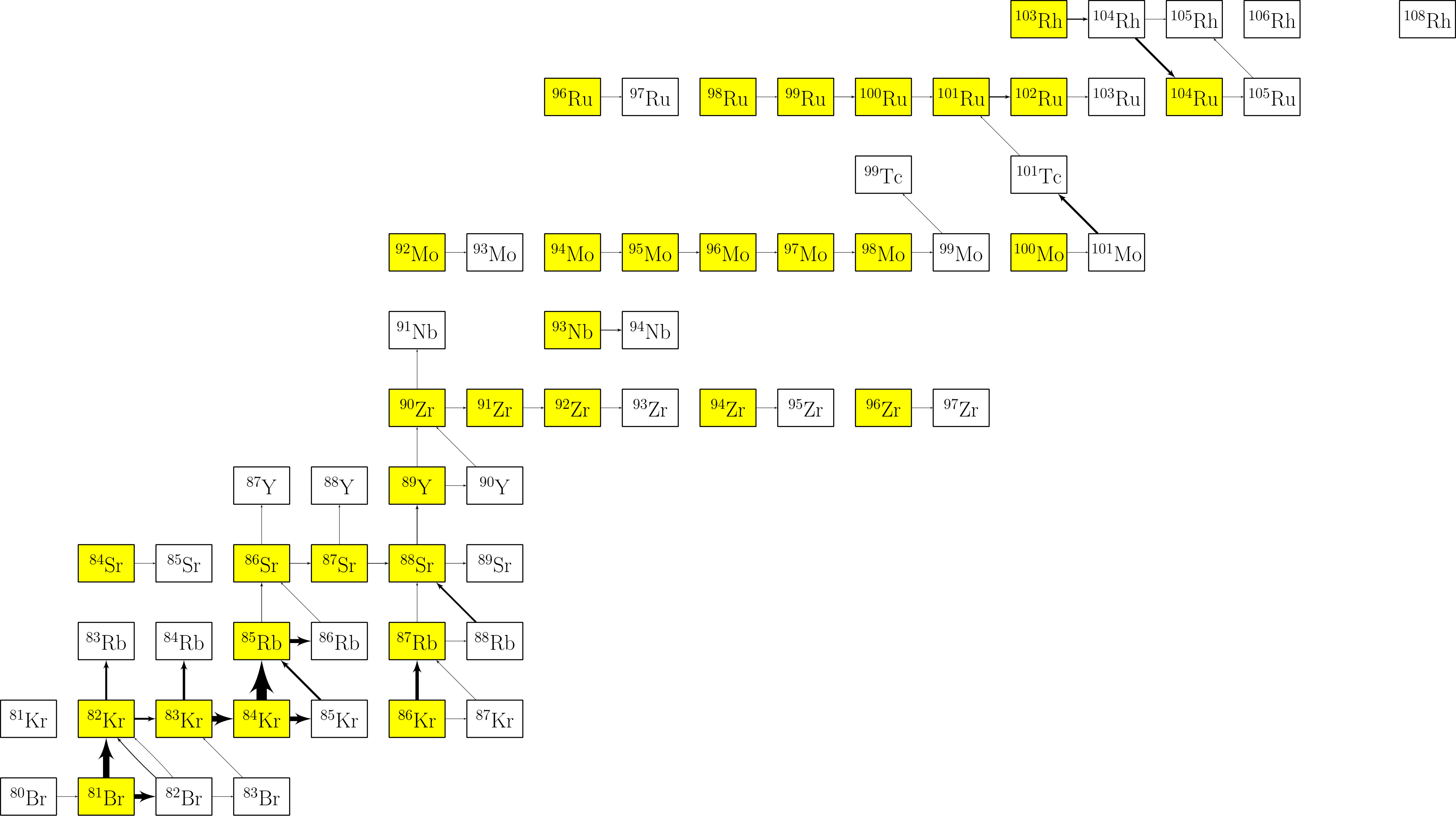


$time(s) = 5.80352$      $T_9 = 0.222445$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.98266e - 17$

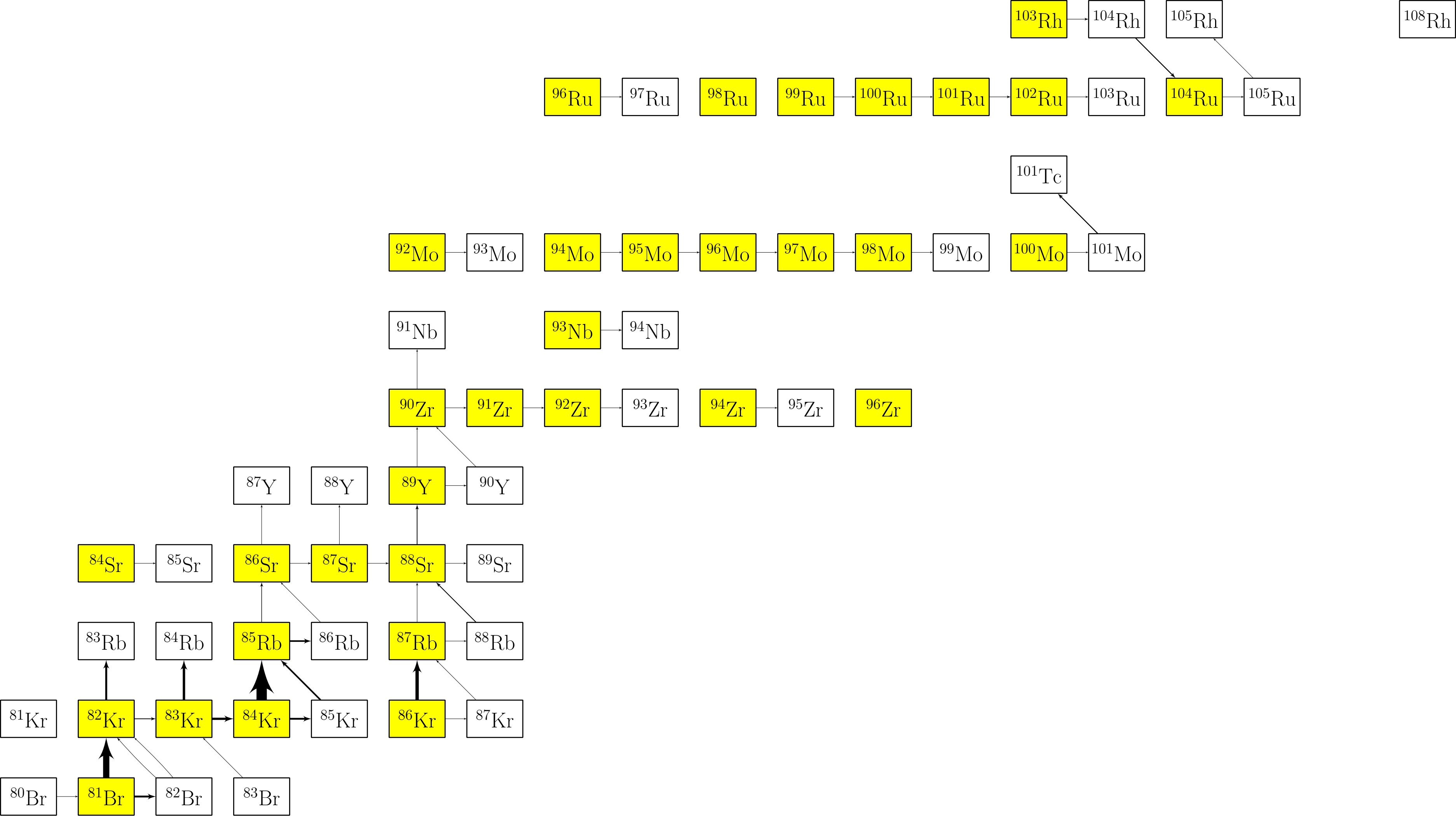


$time(s) = 7.36806$      $T_9 = 0.226016$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.41931e - 17$

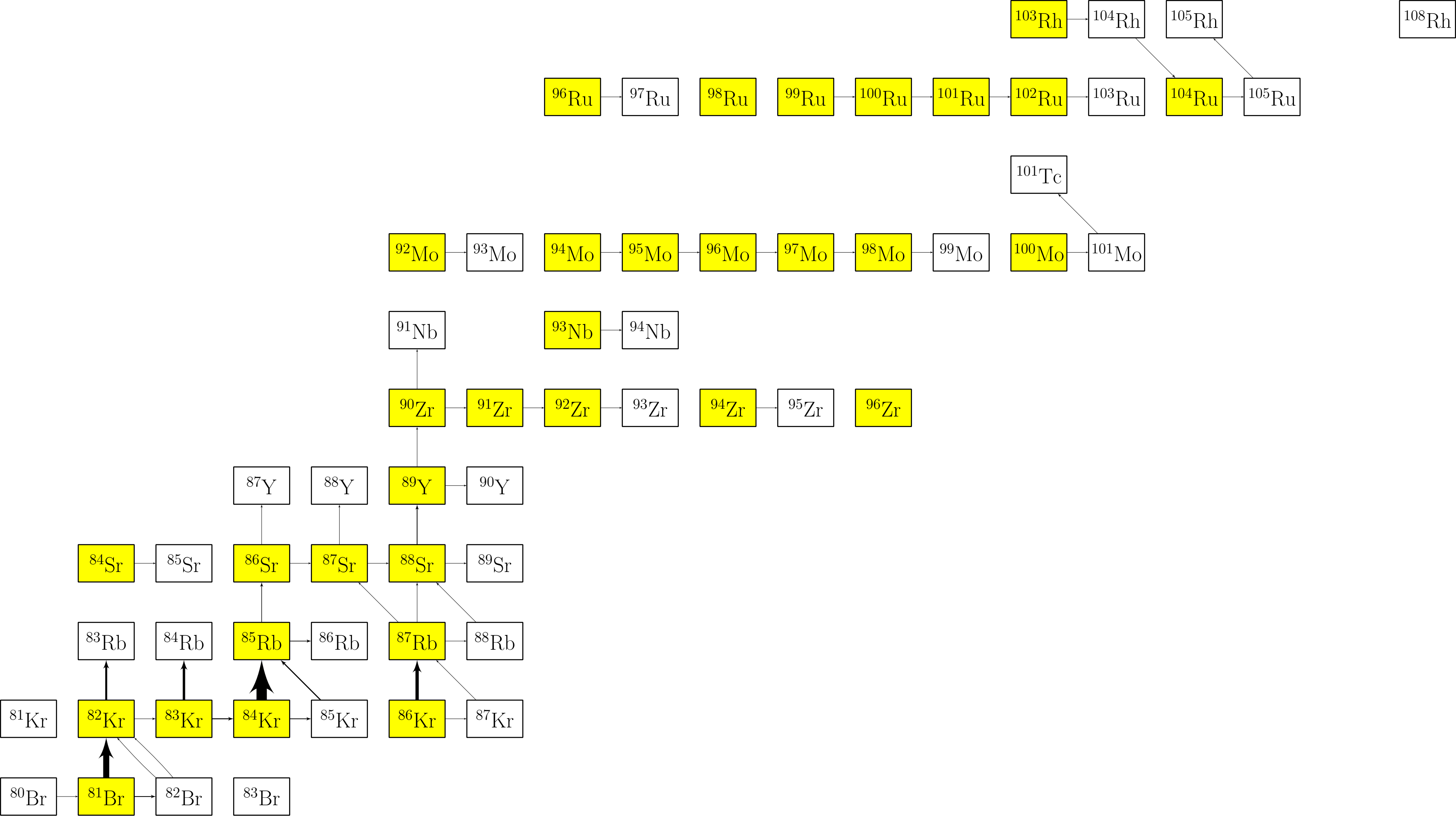




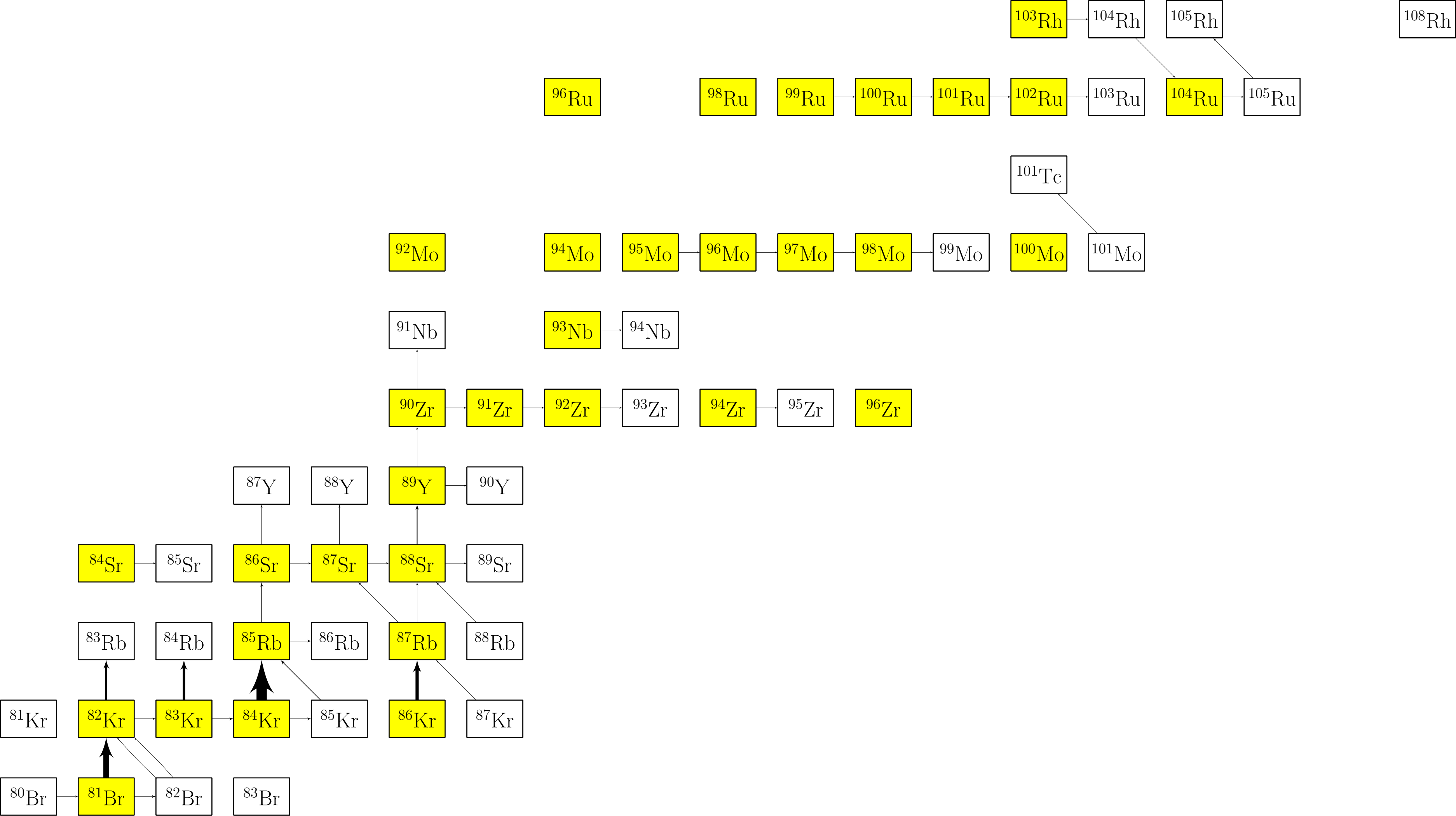
$time(s) = 9.08795$      $T_9 = 0.232447$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.46386e - 17$



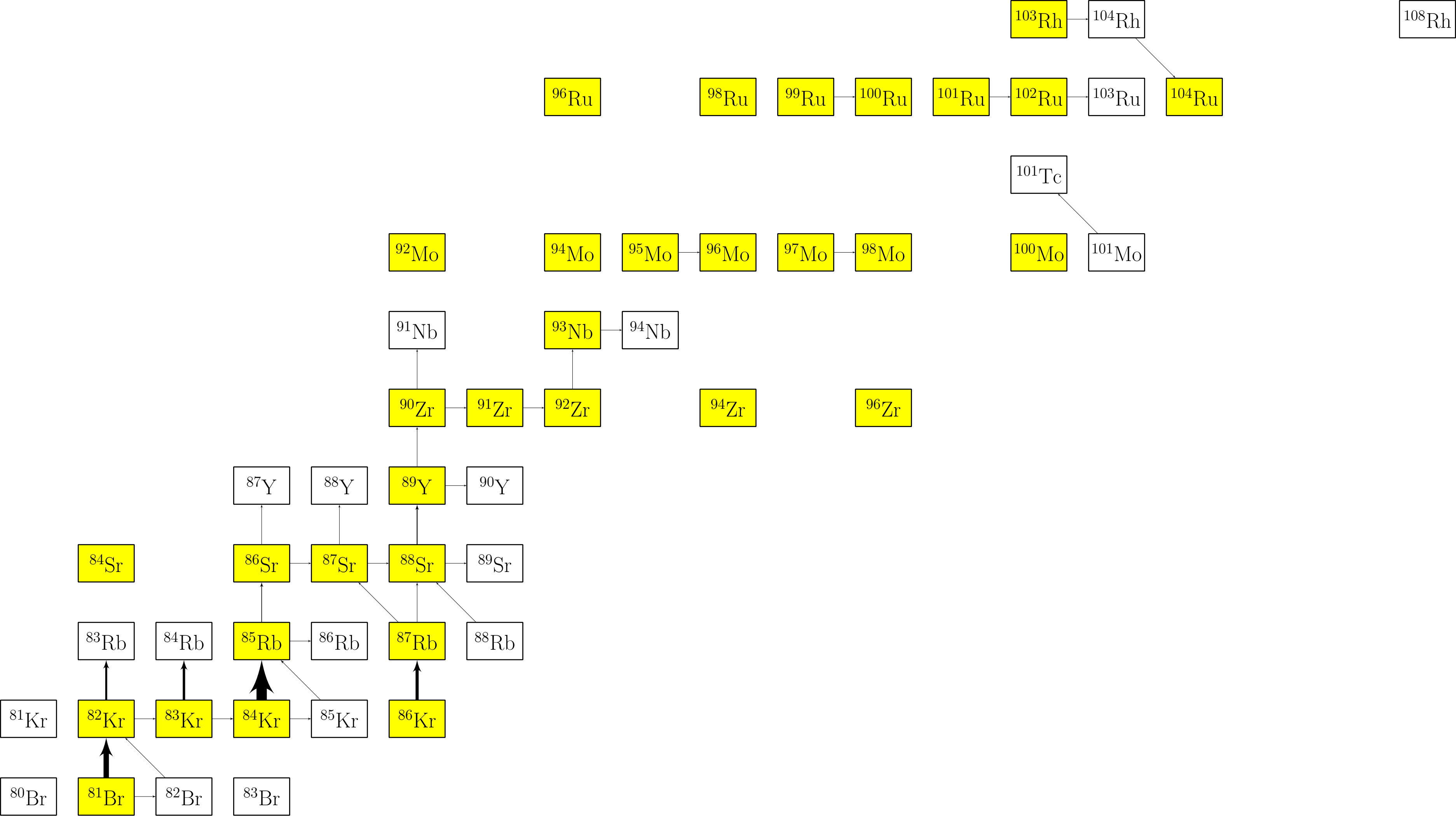
$time(s) = 10.3178$      $T_9 = 0.240001$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.49062e - 17$



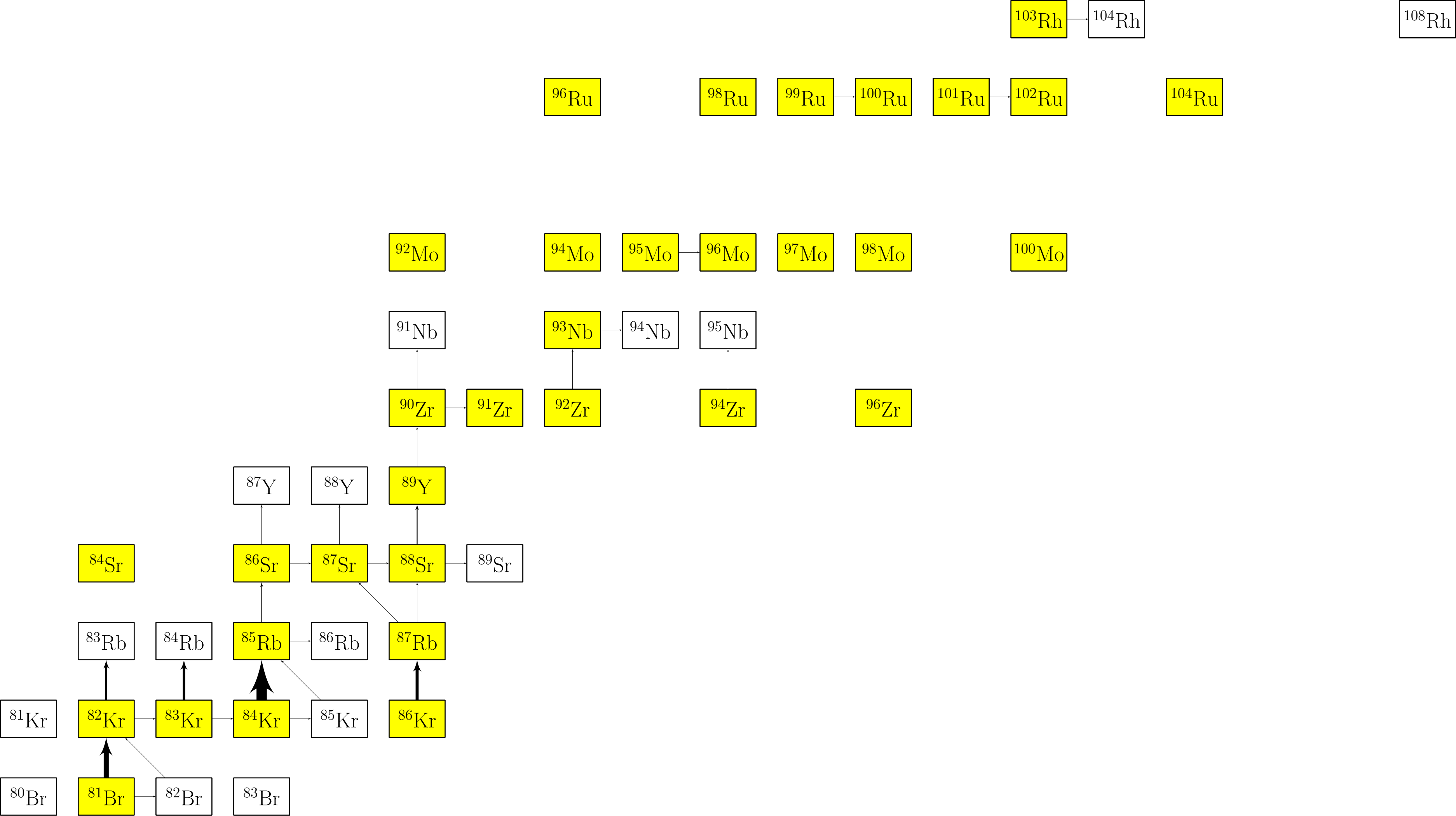
$time(s) = 11.1848$      $T_9 = 0.250229$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.02331e - 16$



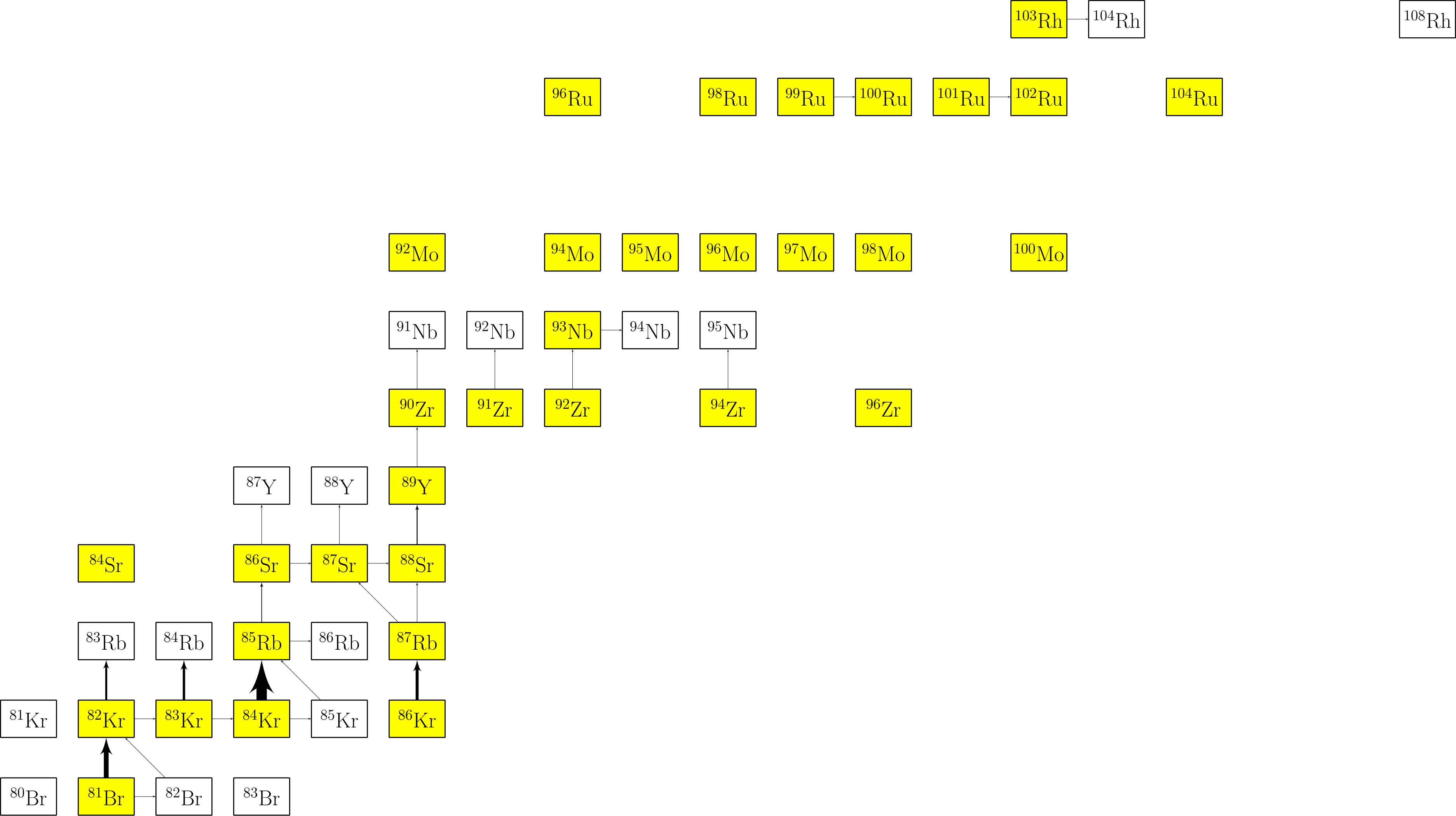
$time(s) = 11.8228$      $T_9 = 0.265025$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.76022e - 16$



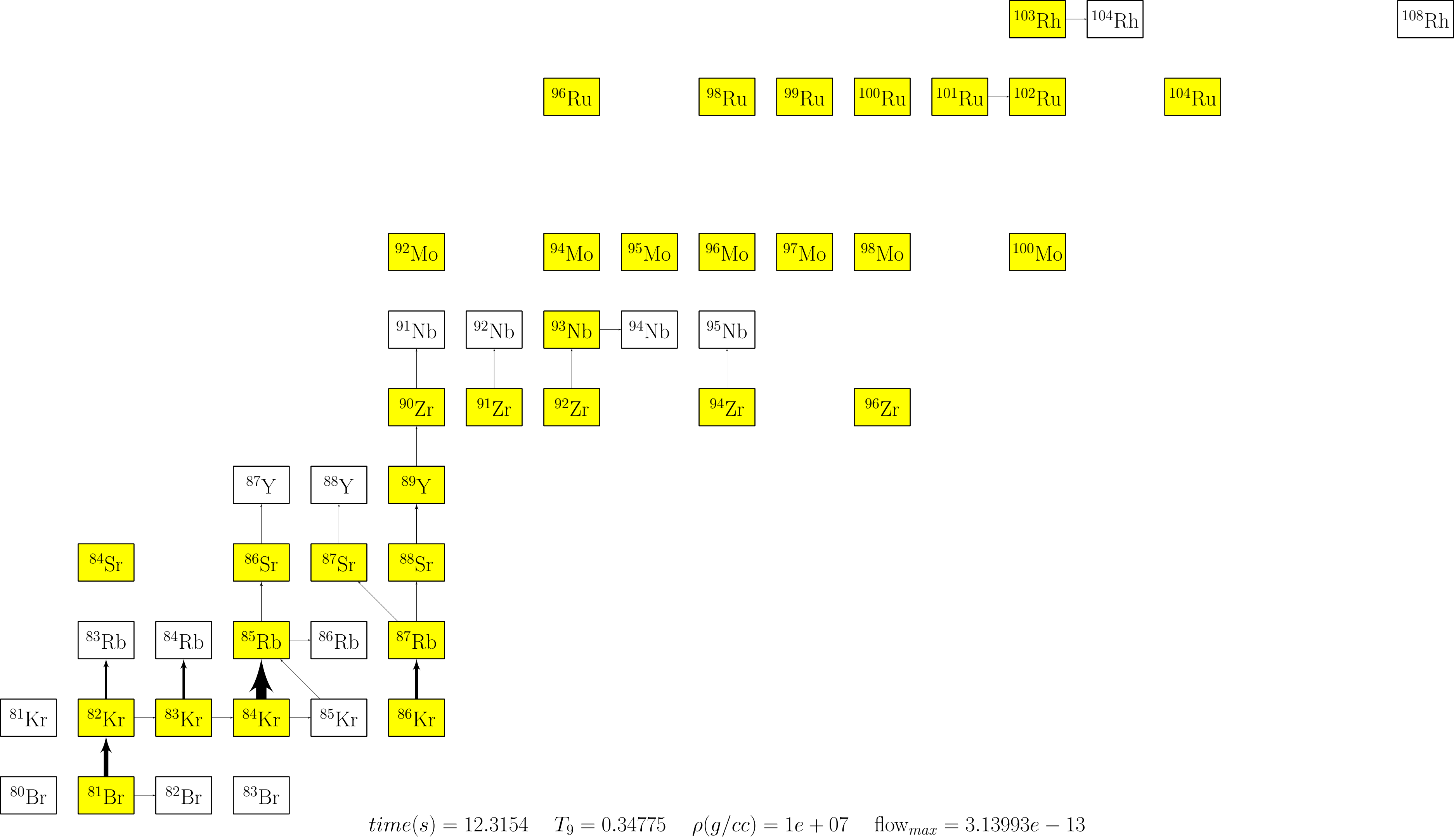
$time(s) = 12.161$      $T_9 = 0.289521$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 5.83061e - 15$



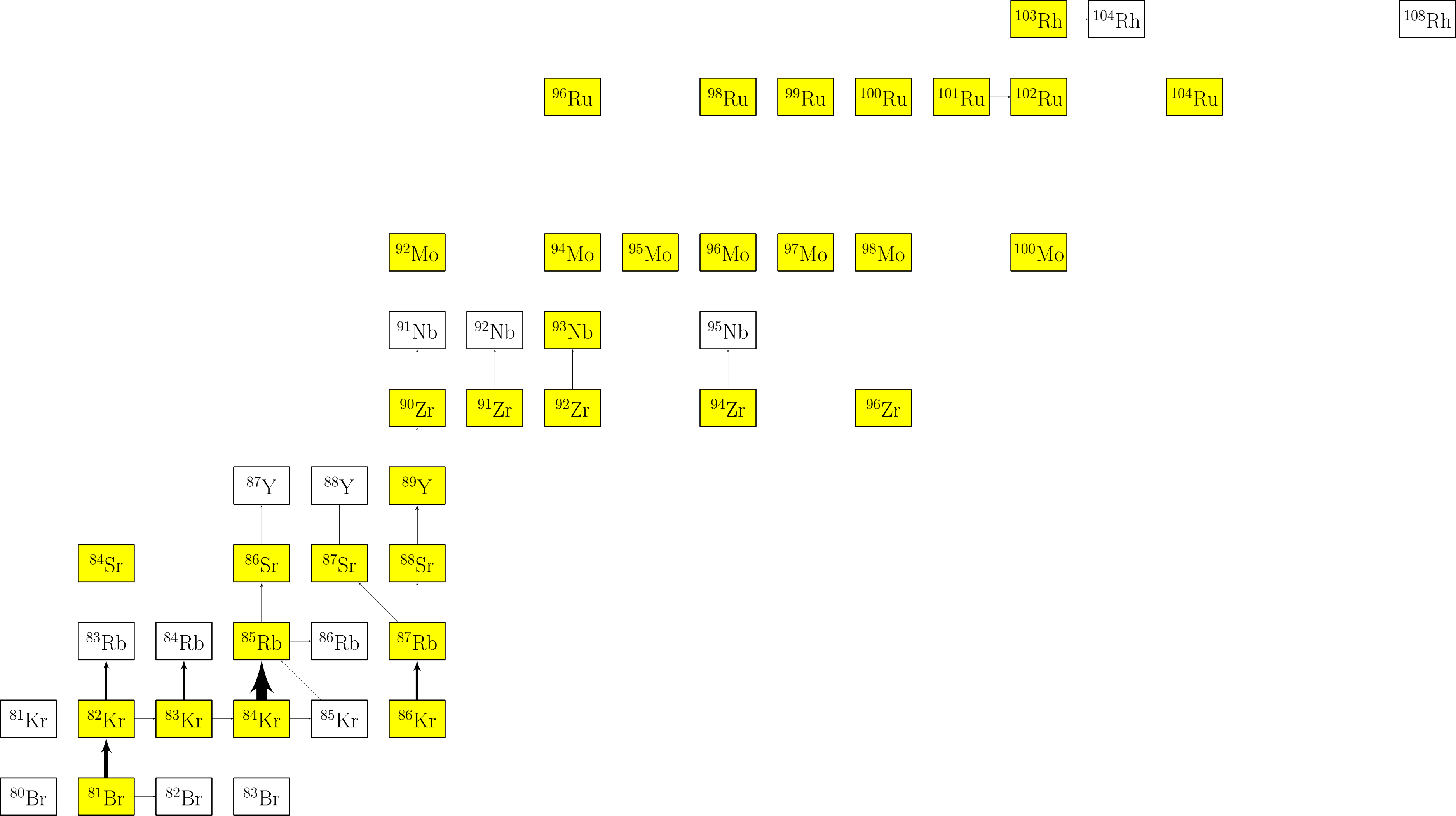
$time(s) = 12.2591$      $T_9 = 0.310869$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.82544e - 14$



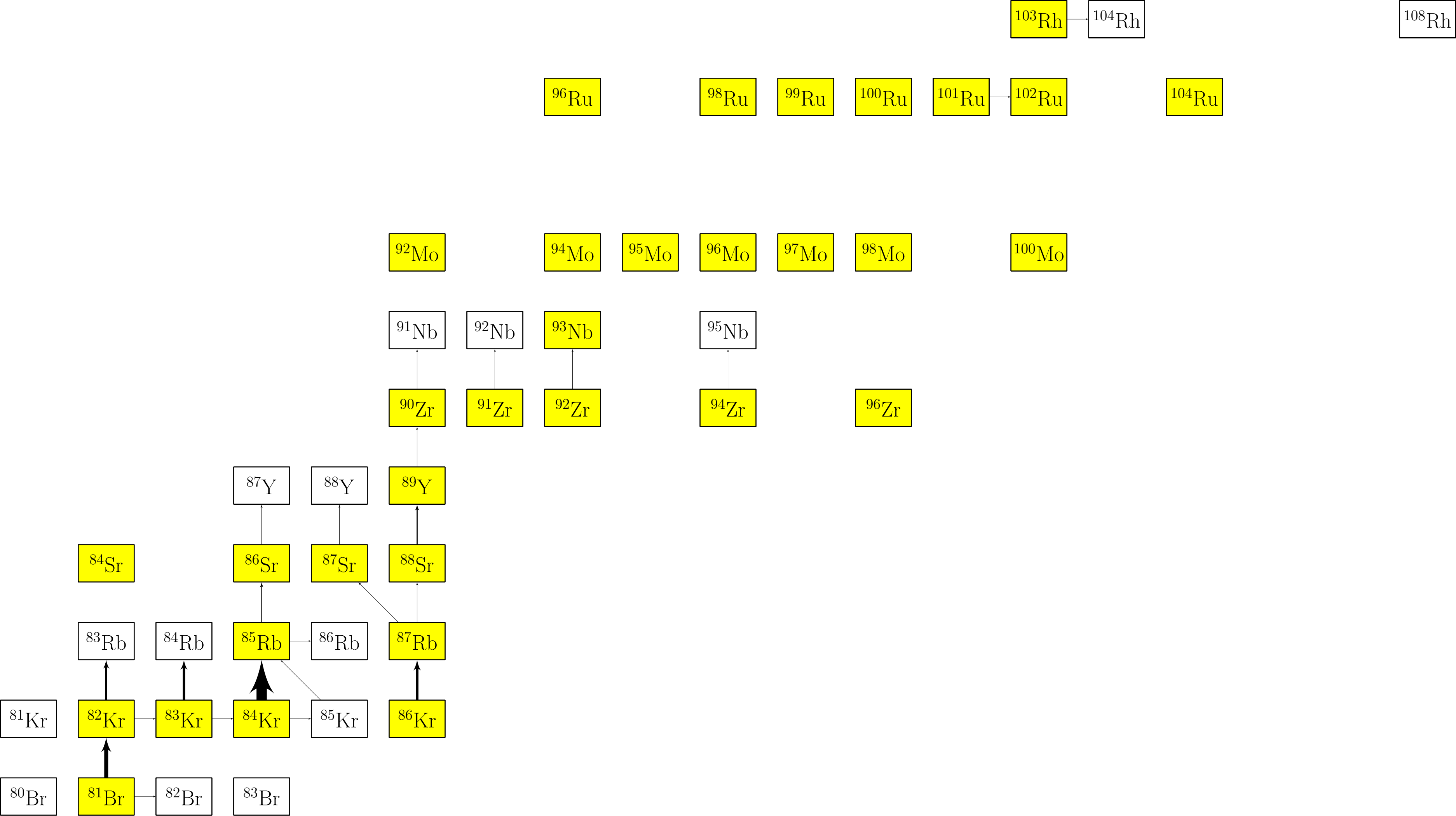
$time(s) = 12.2968$      $T_9 = 0.329734$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.01347e - 13$



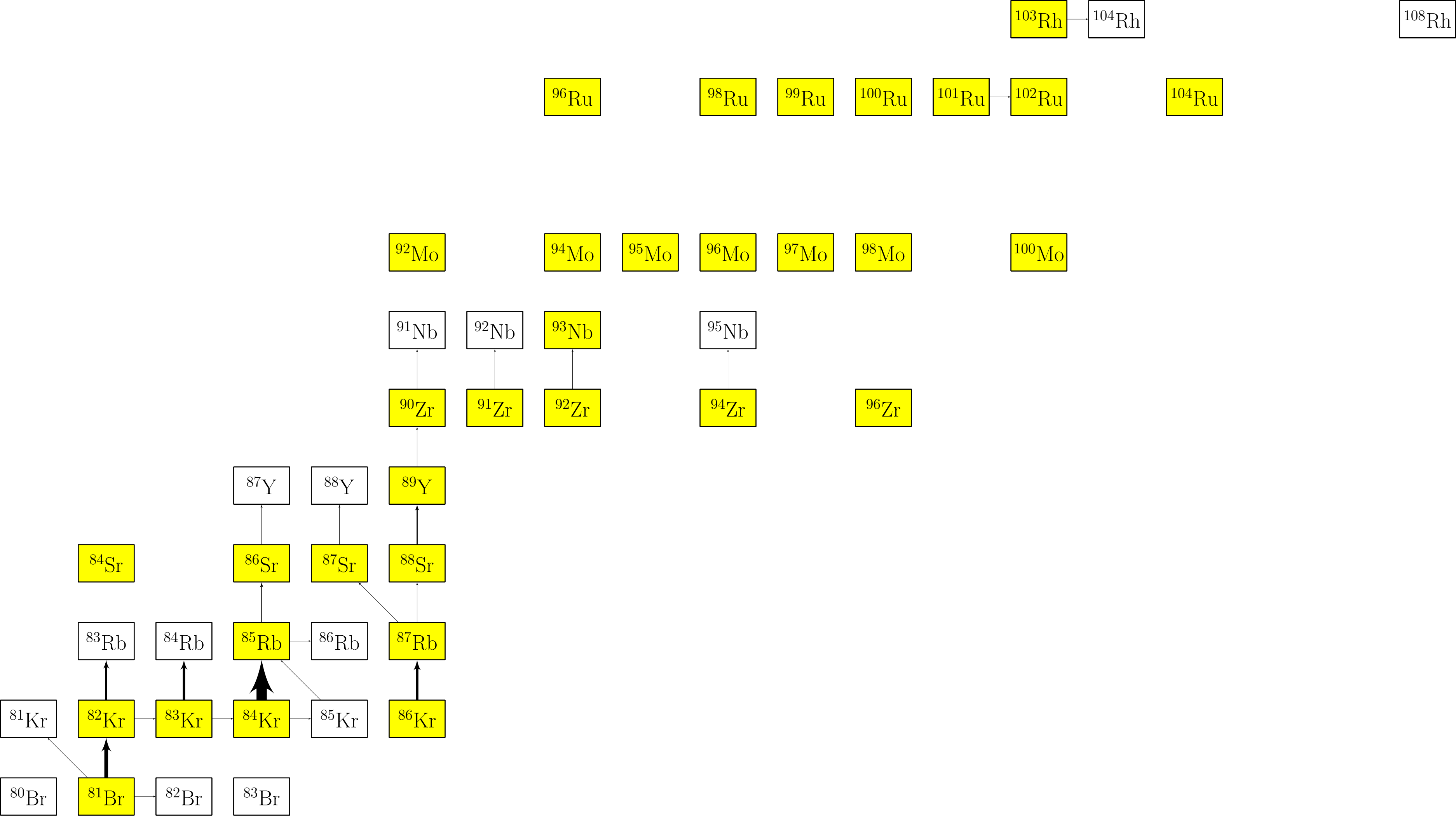




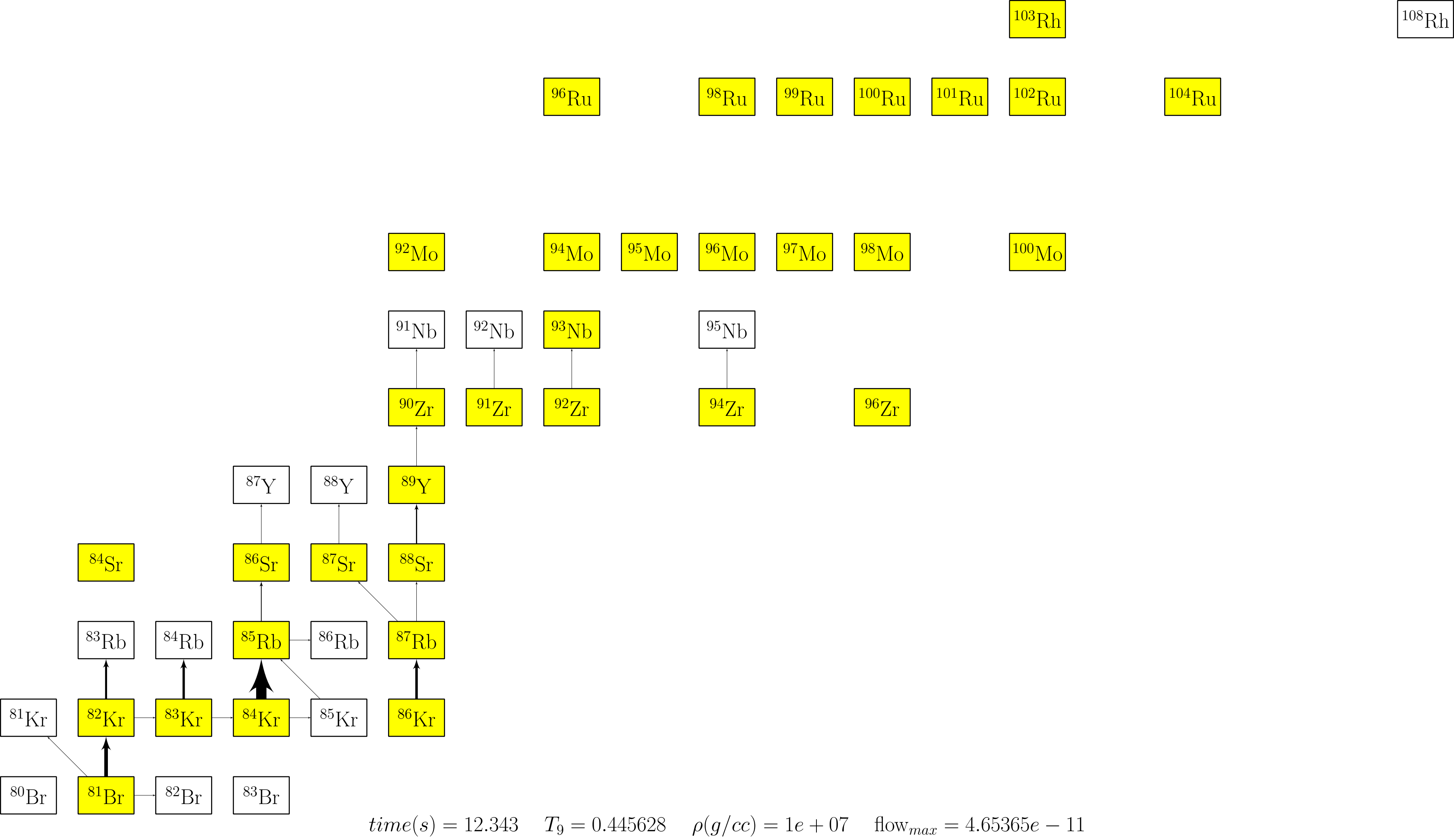
$time(s) = 12.3306$      $T_9 = 0.375907$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.58207e - 12$



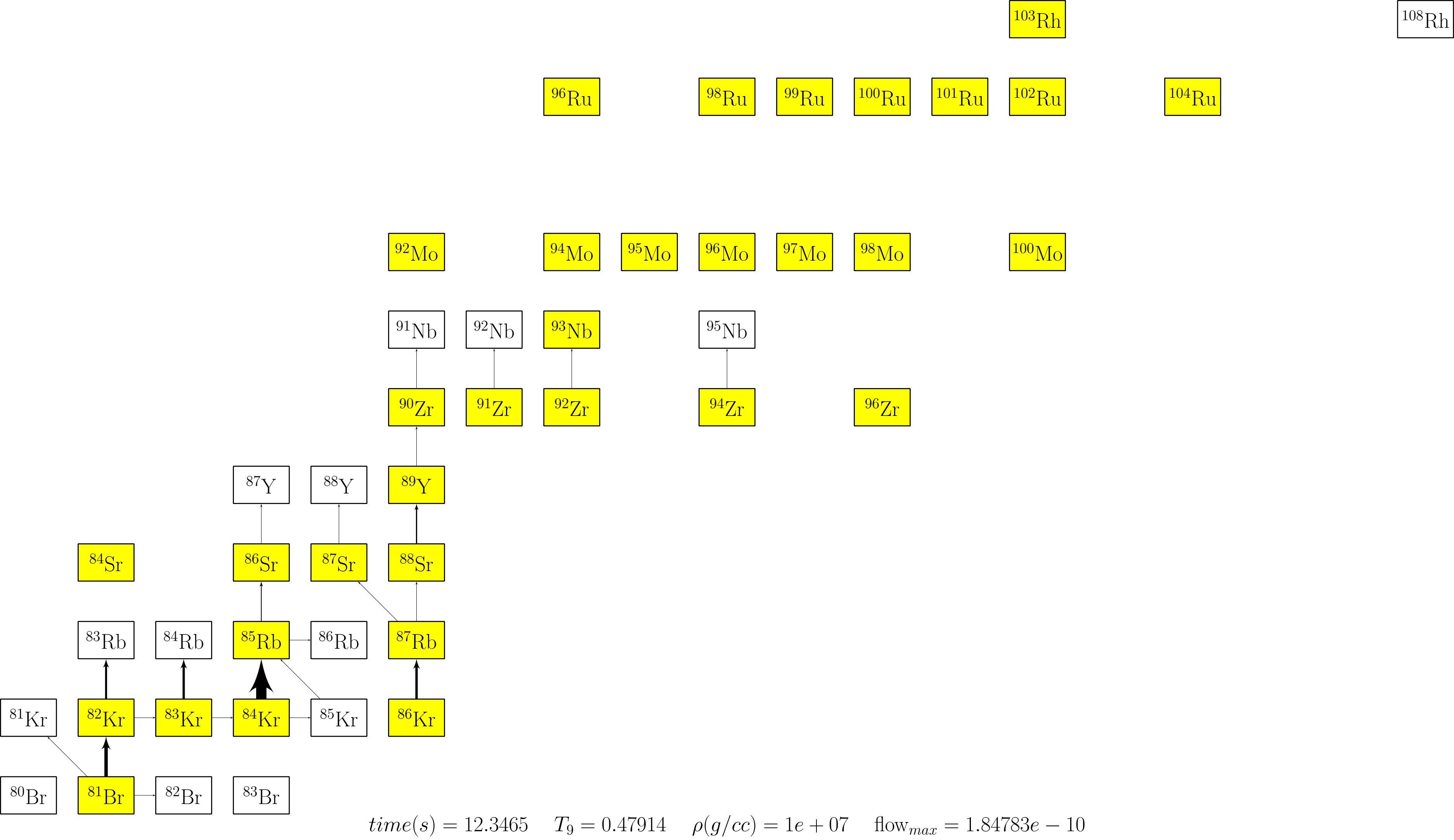
$time(s) = 12.3383$      $T_9 = 0.410162$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.18664e - 12$

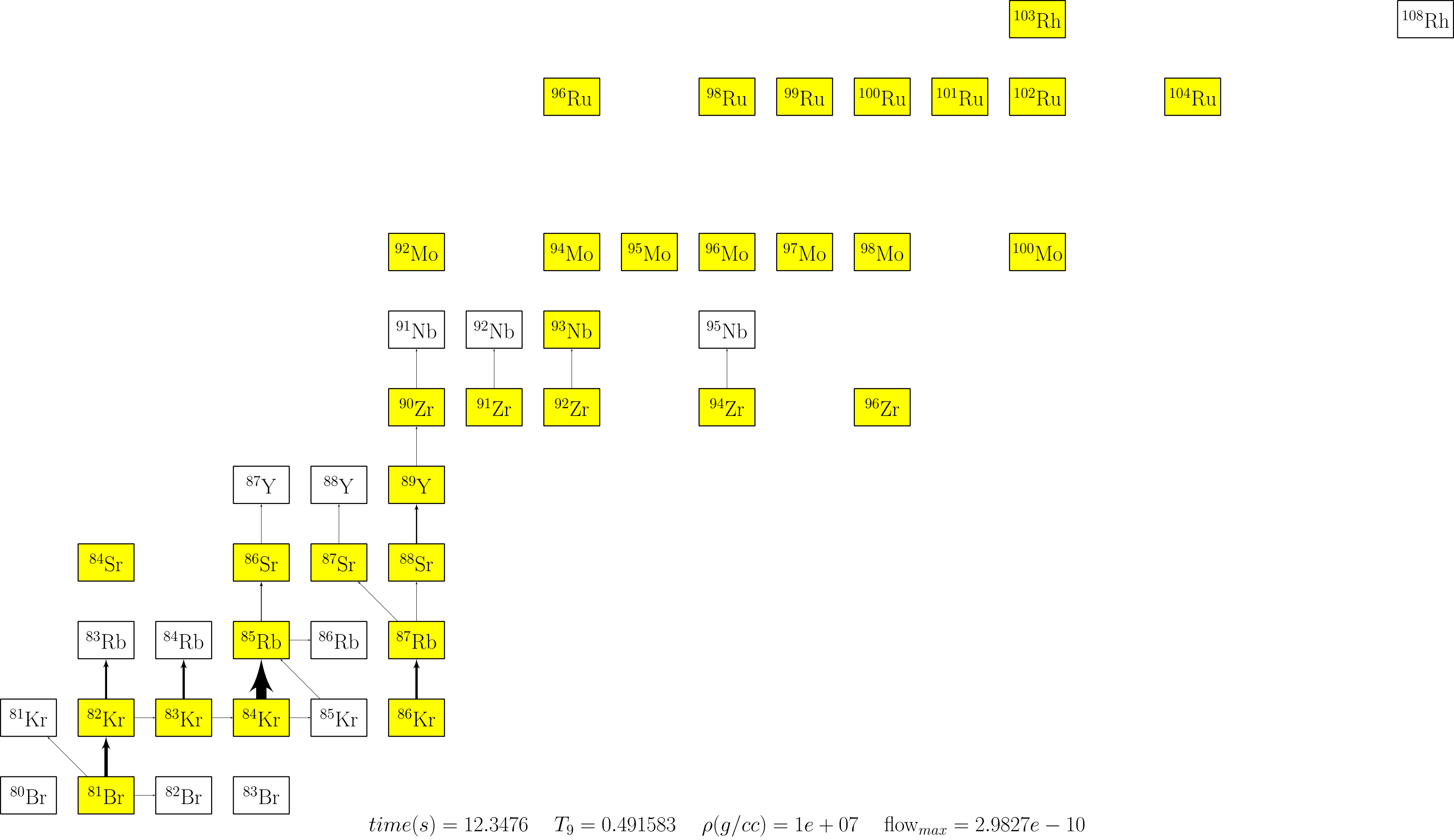


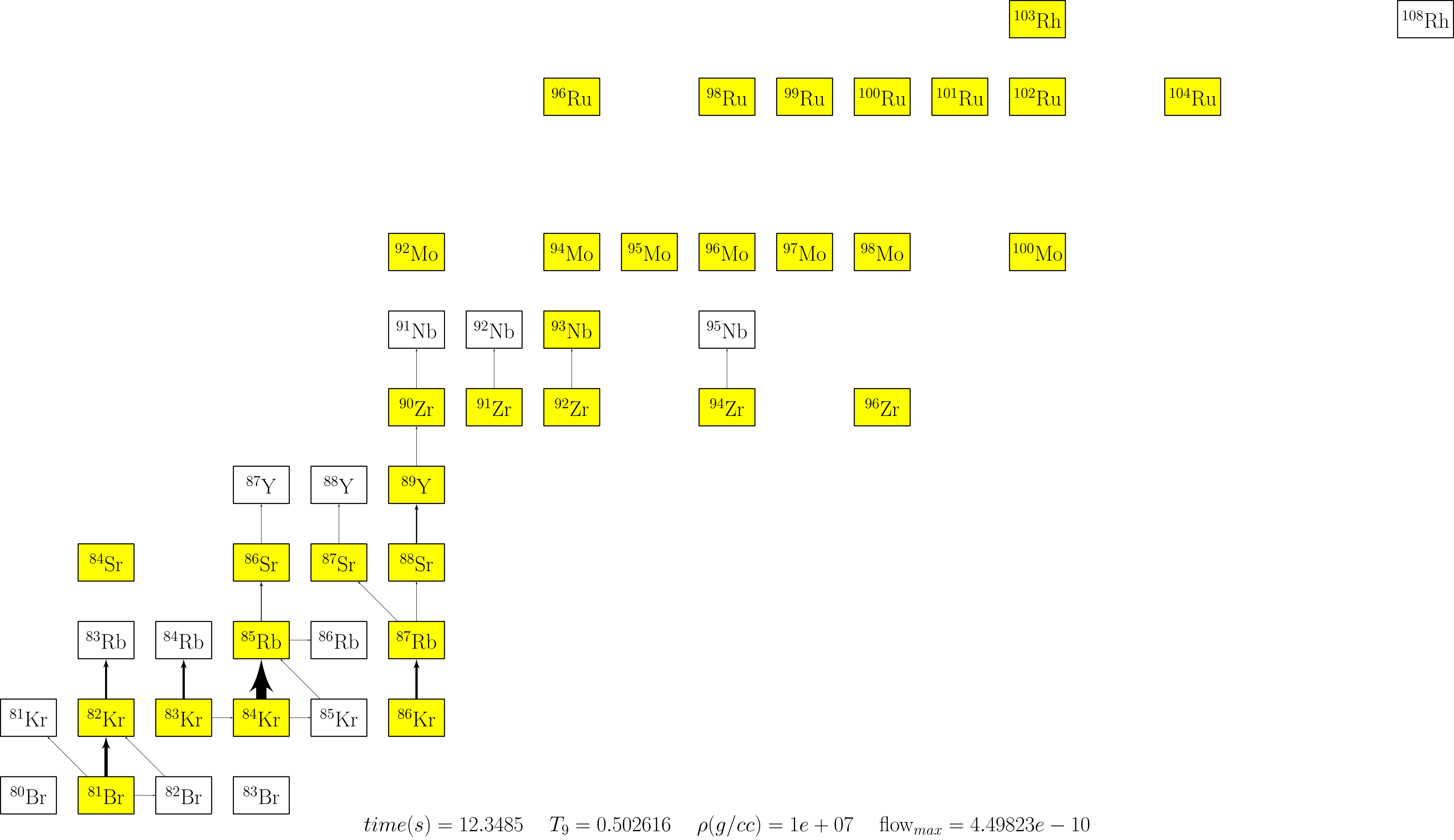
$time(s) = 12.3412$      $T_9 = 0.431231$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.46203e - 11$





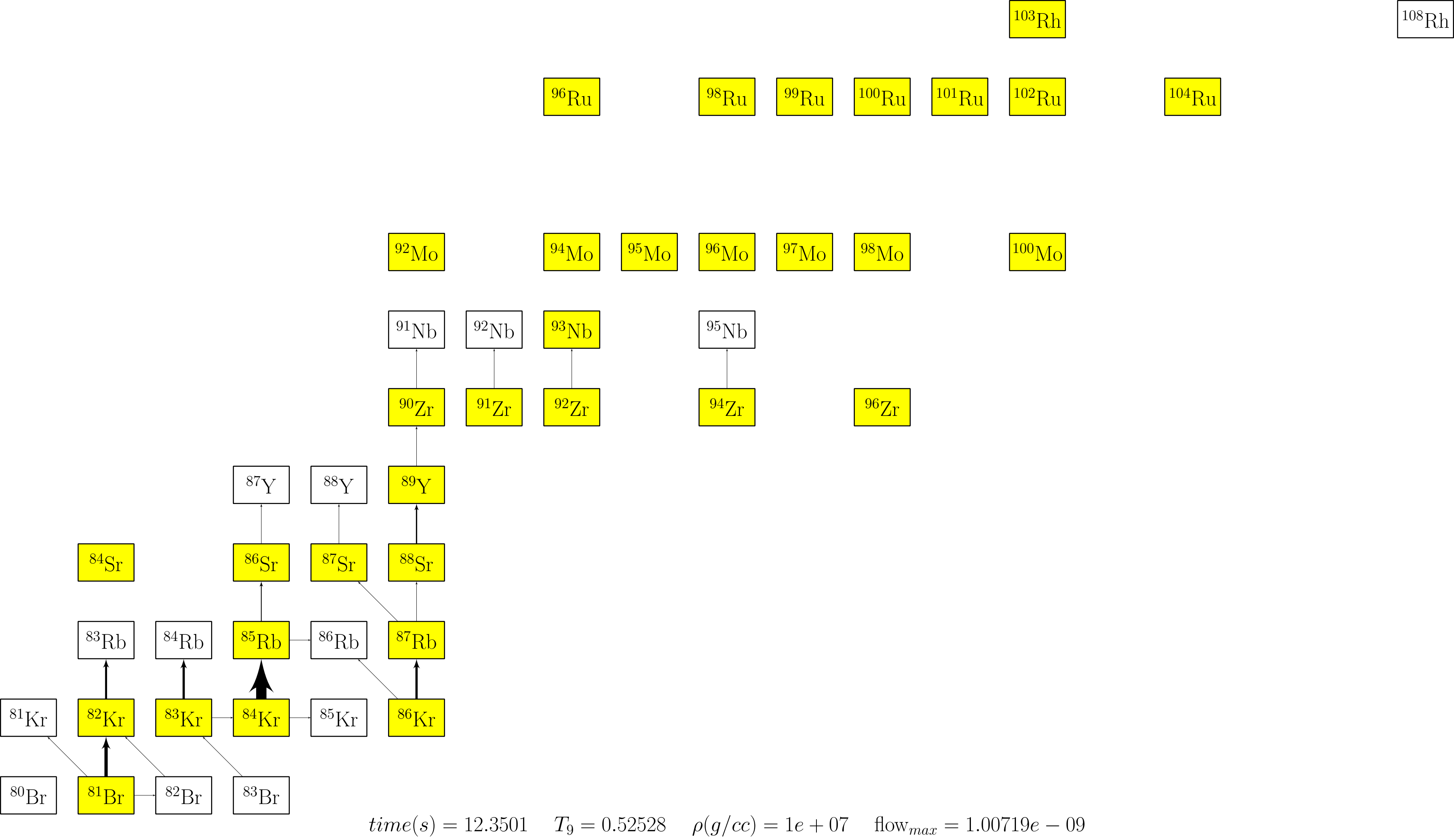


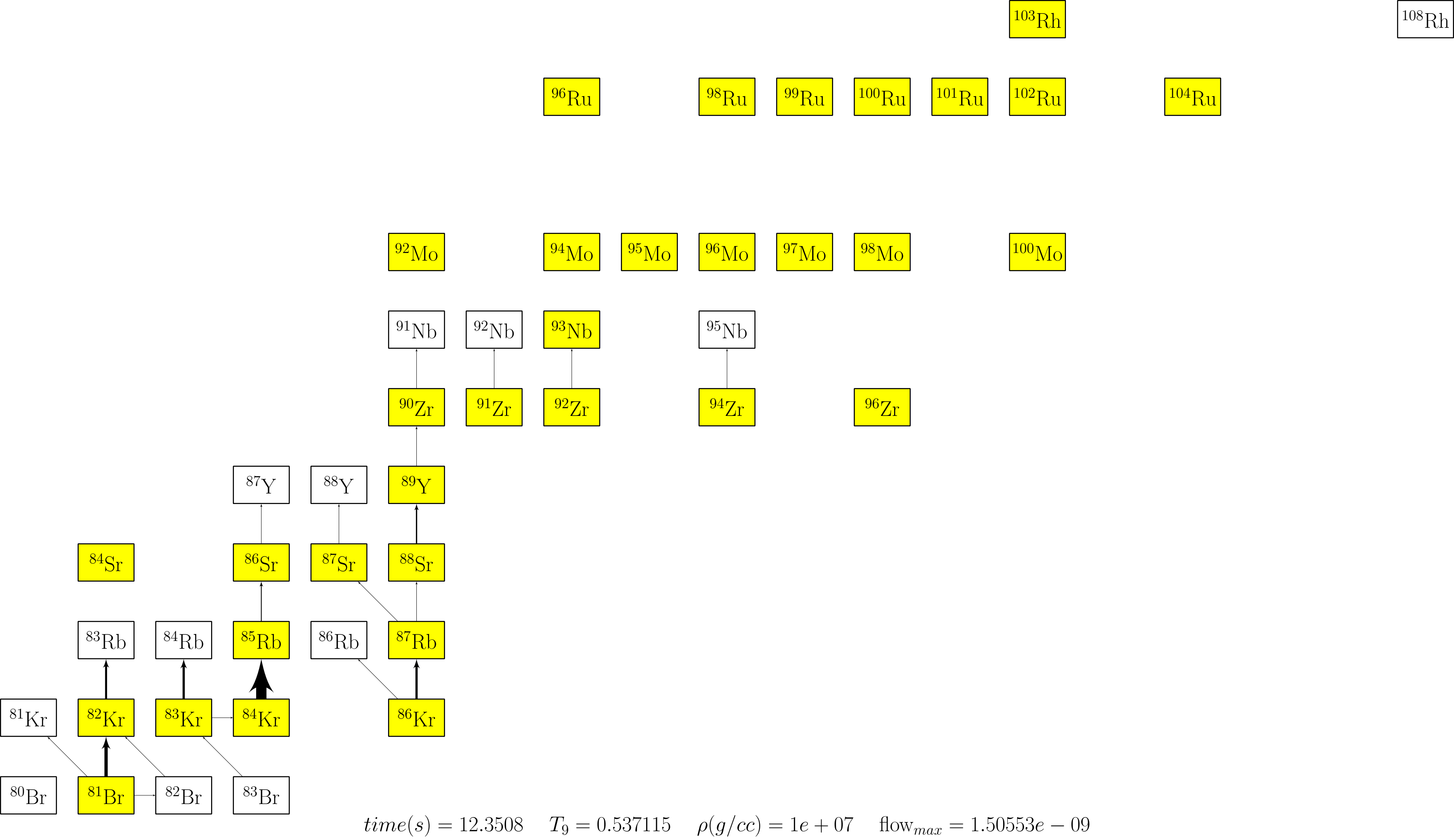


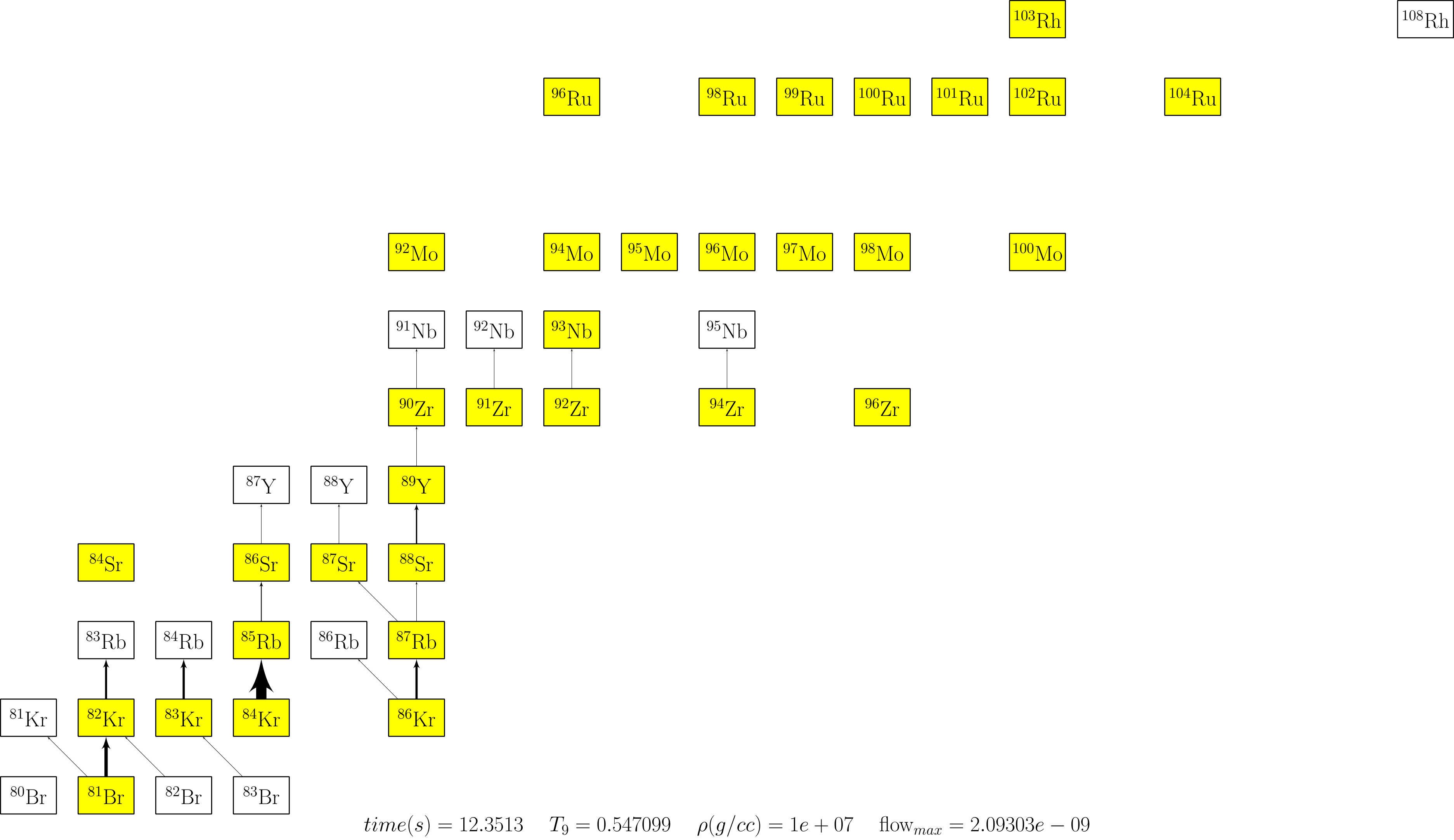


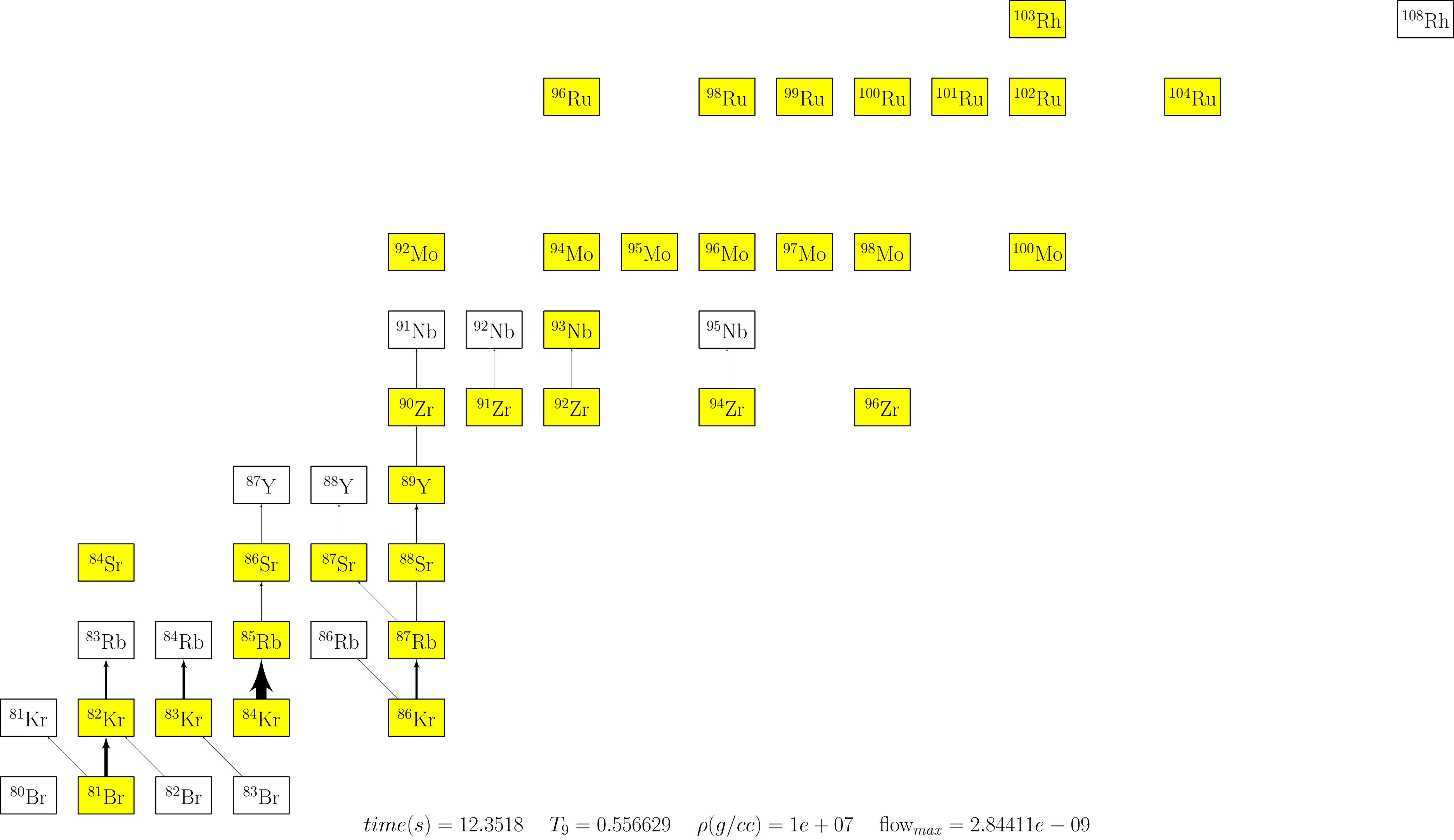


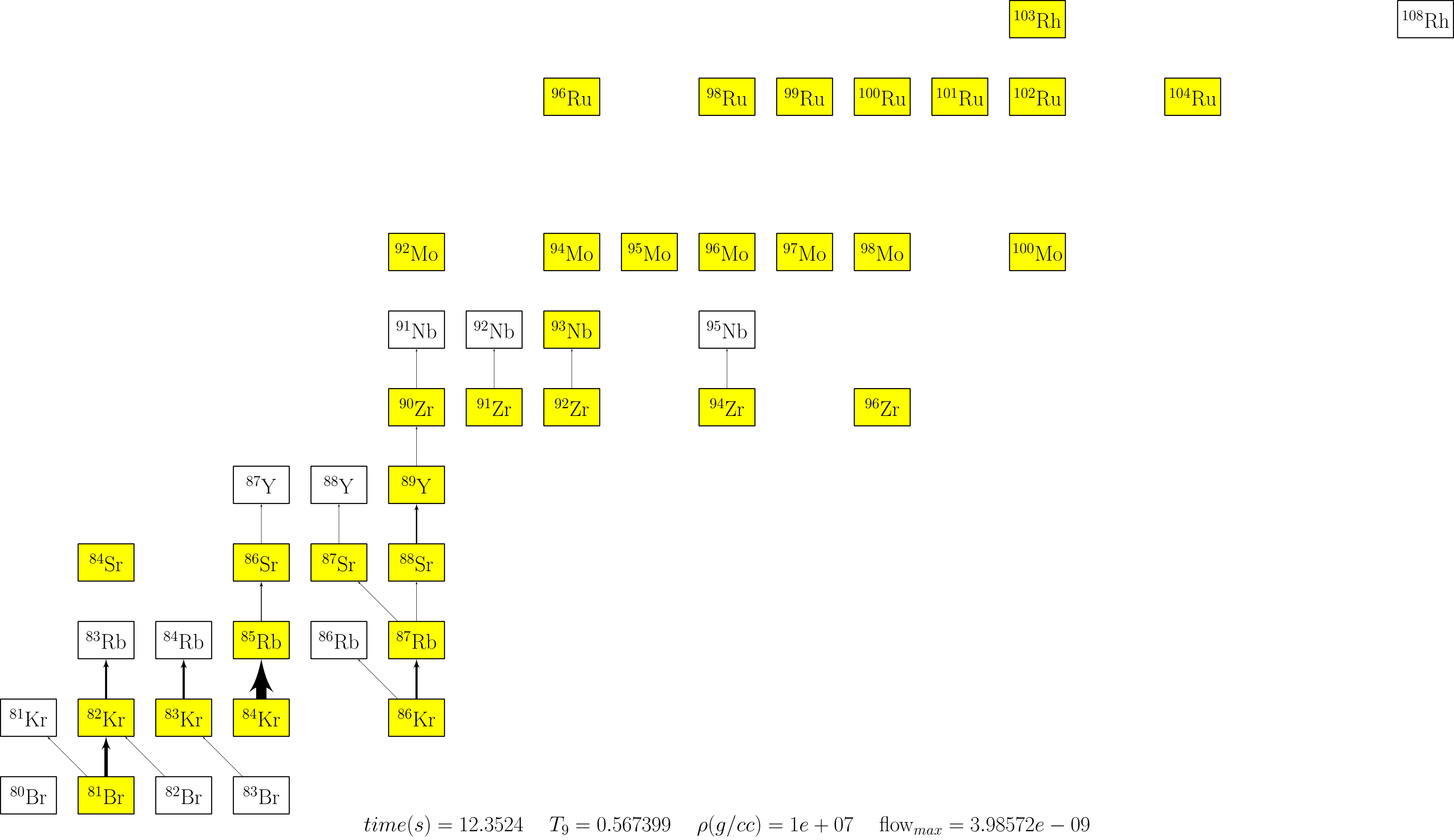


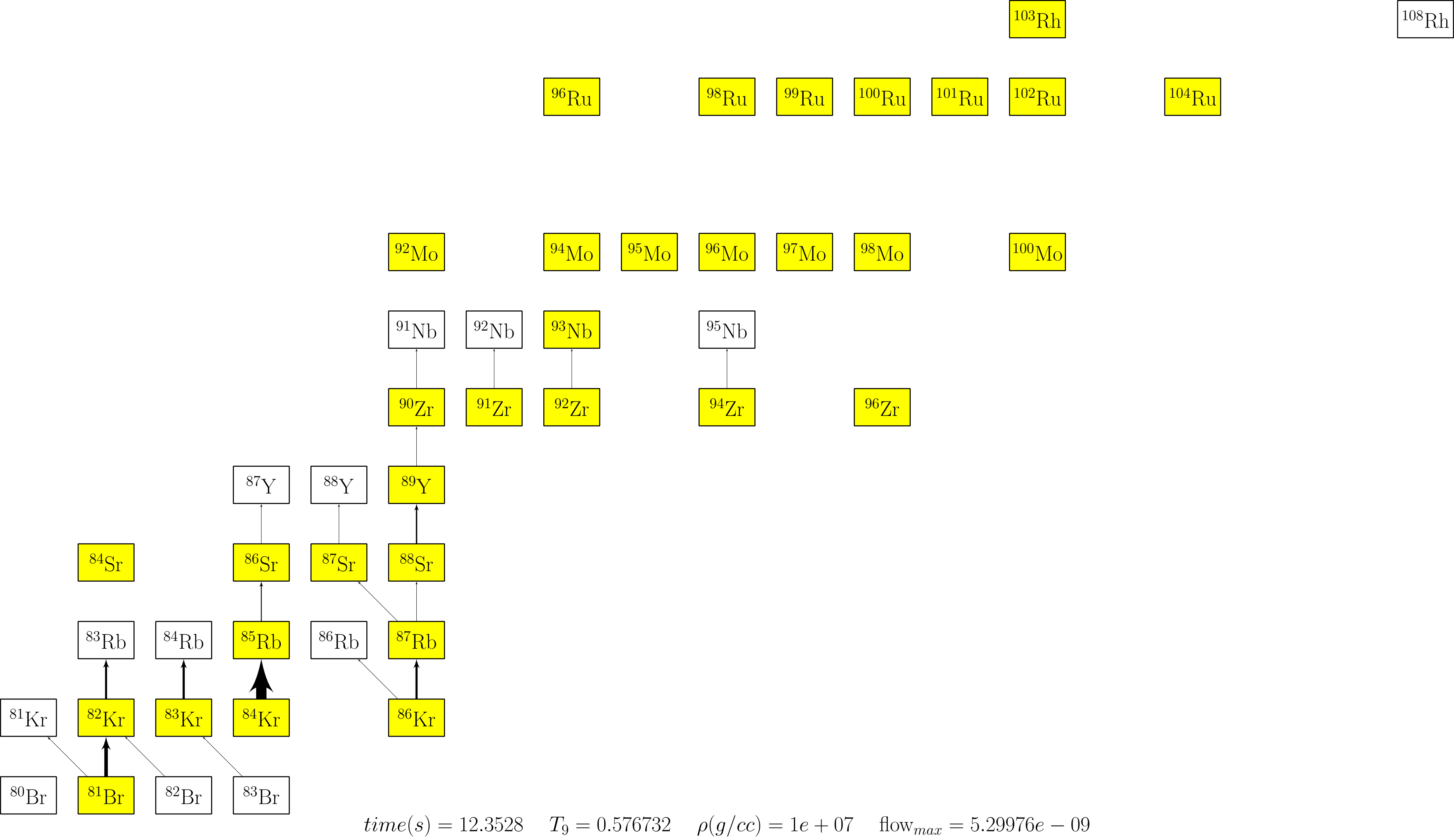


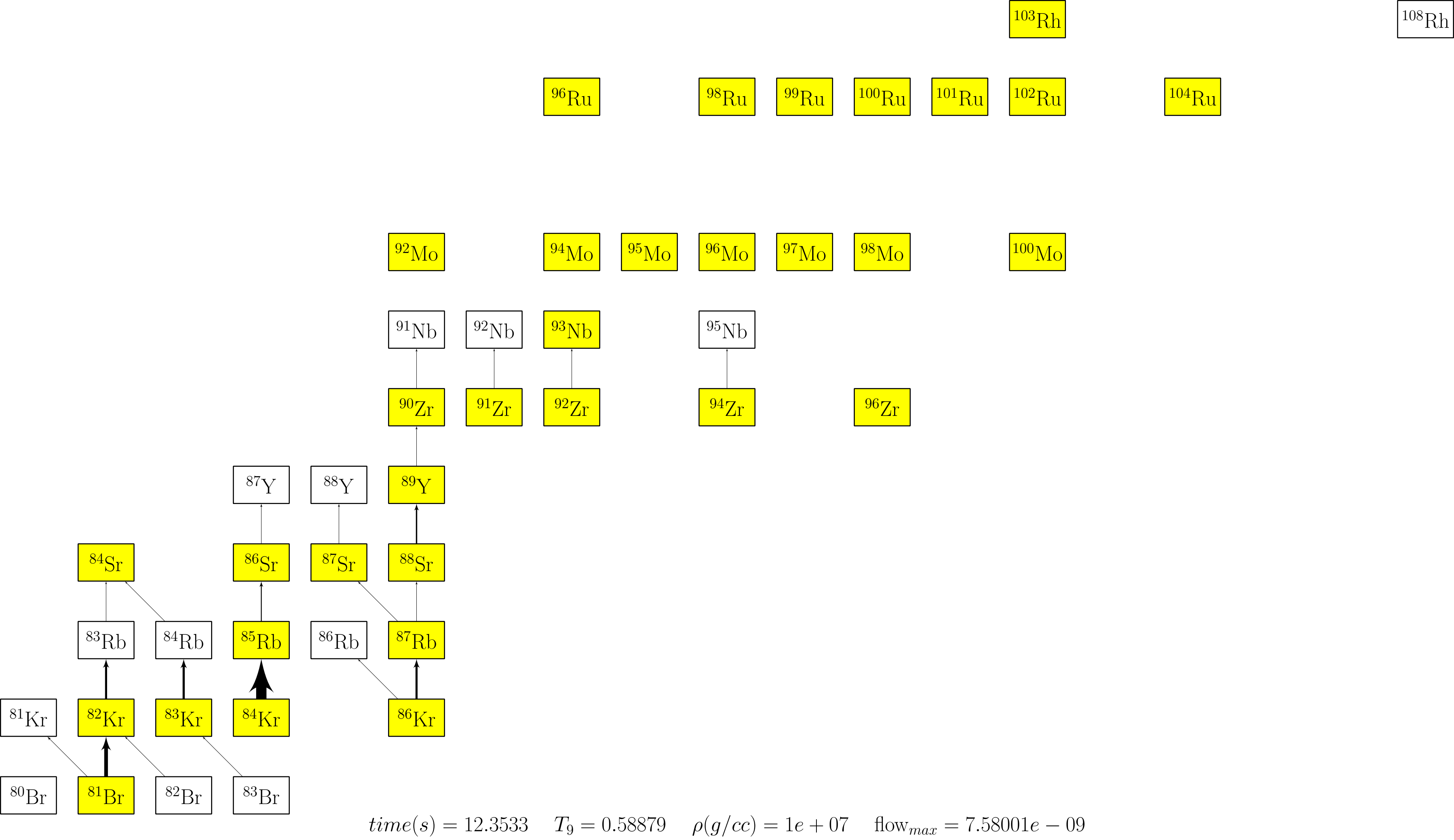




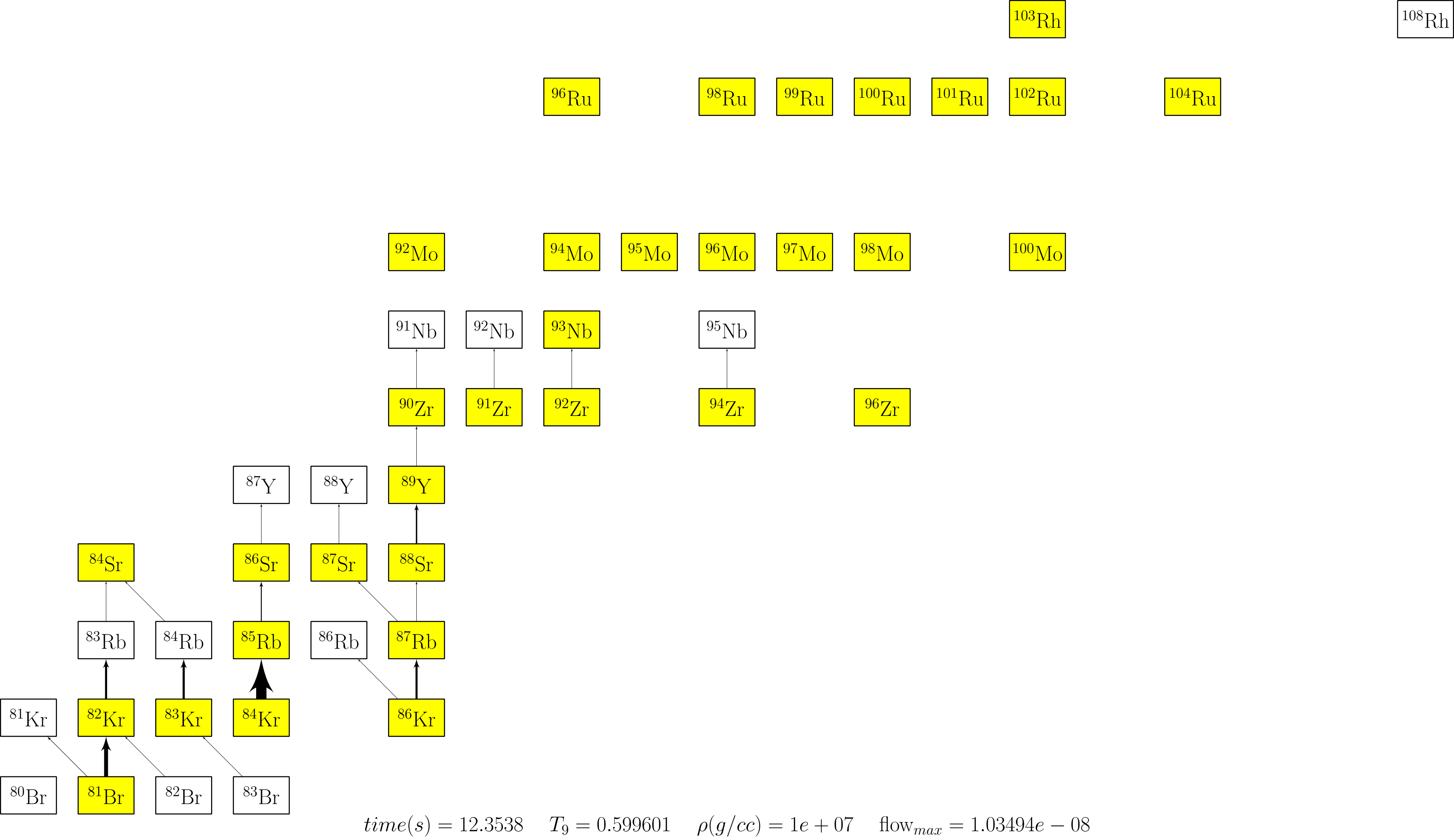


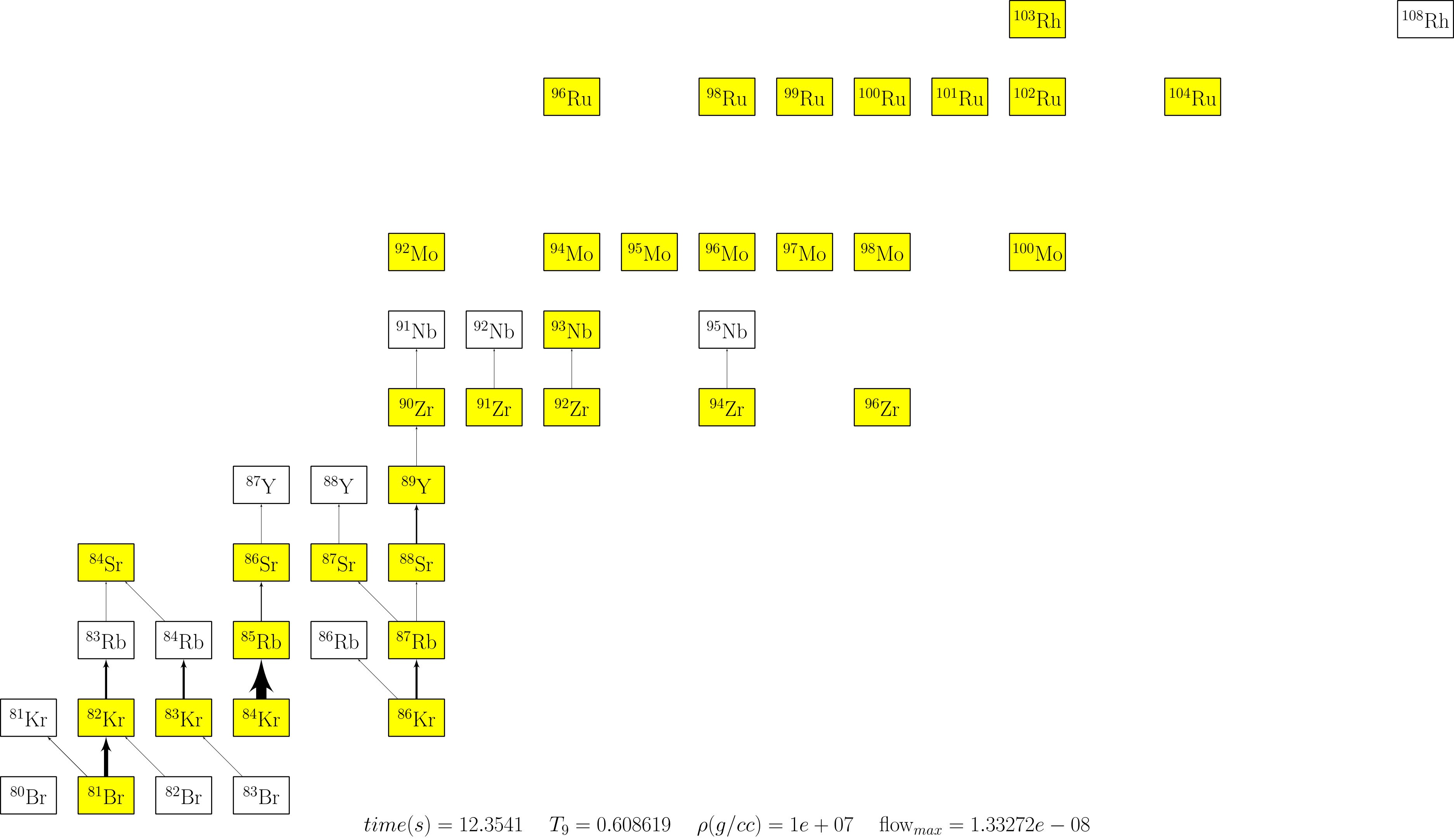


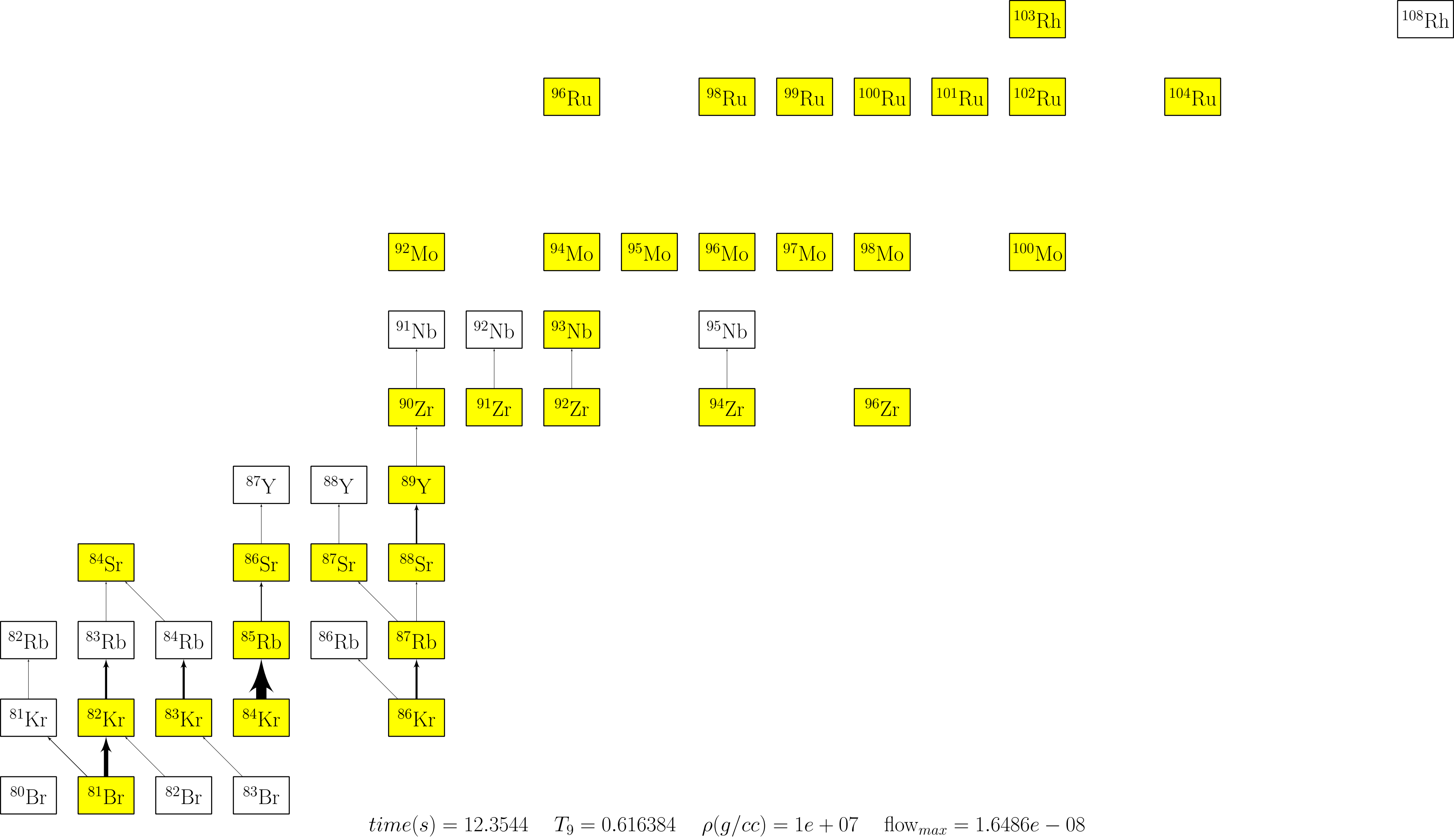


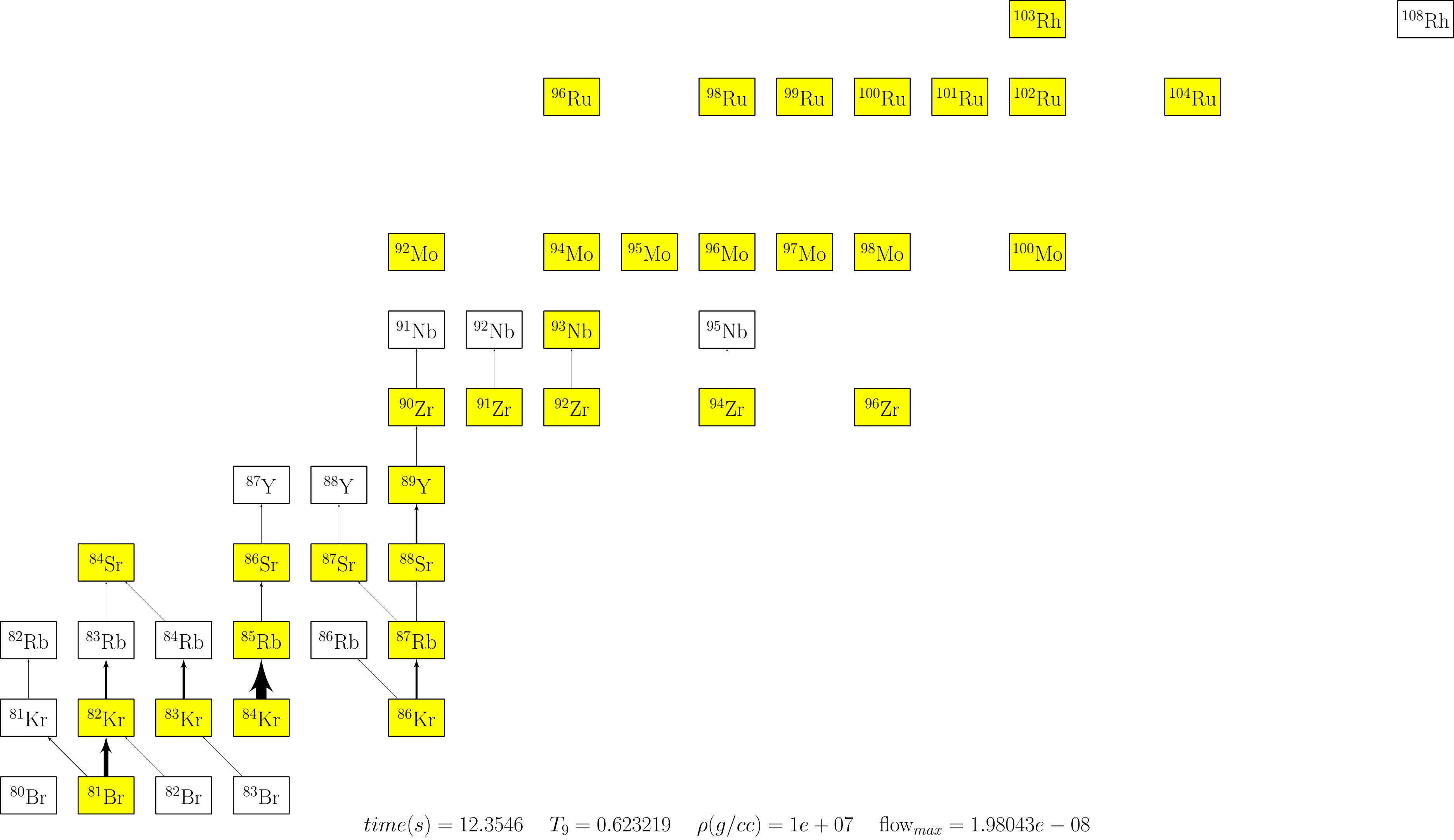


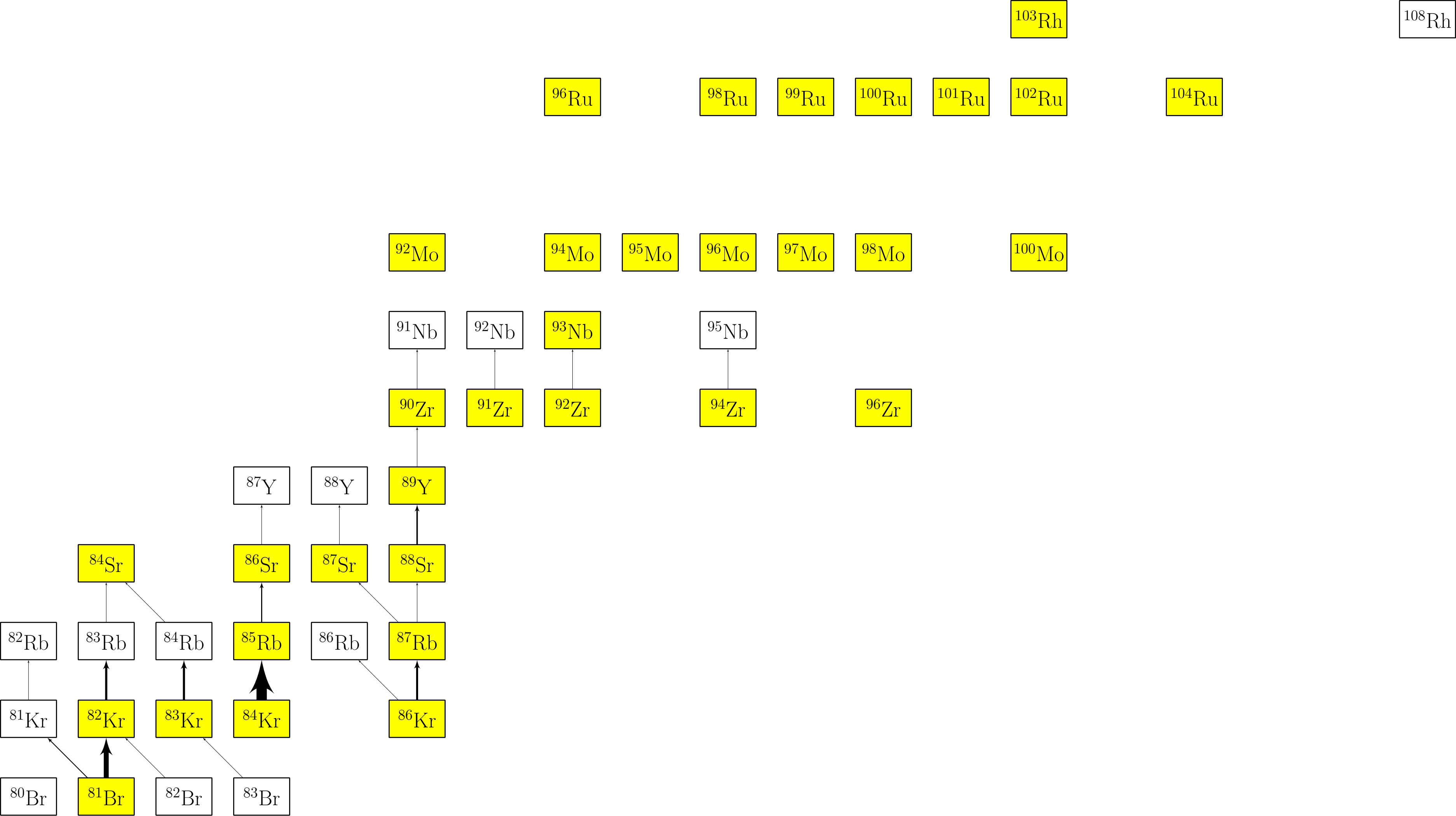




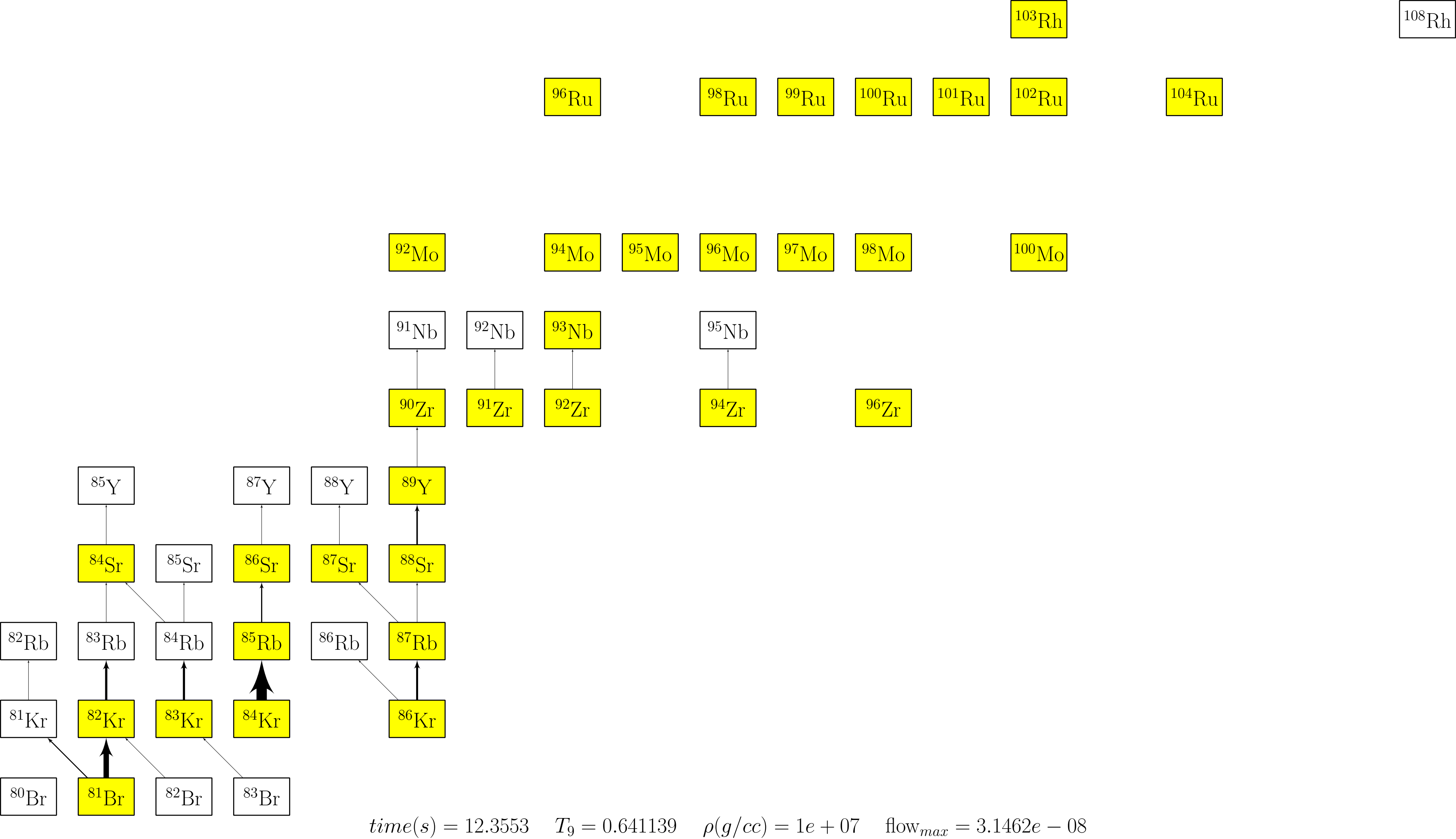


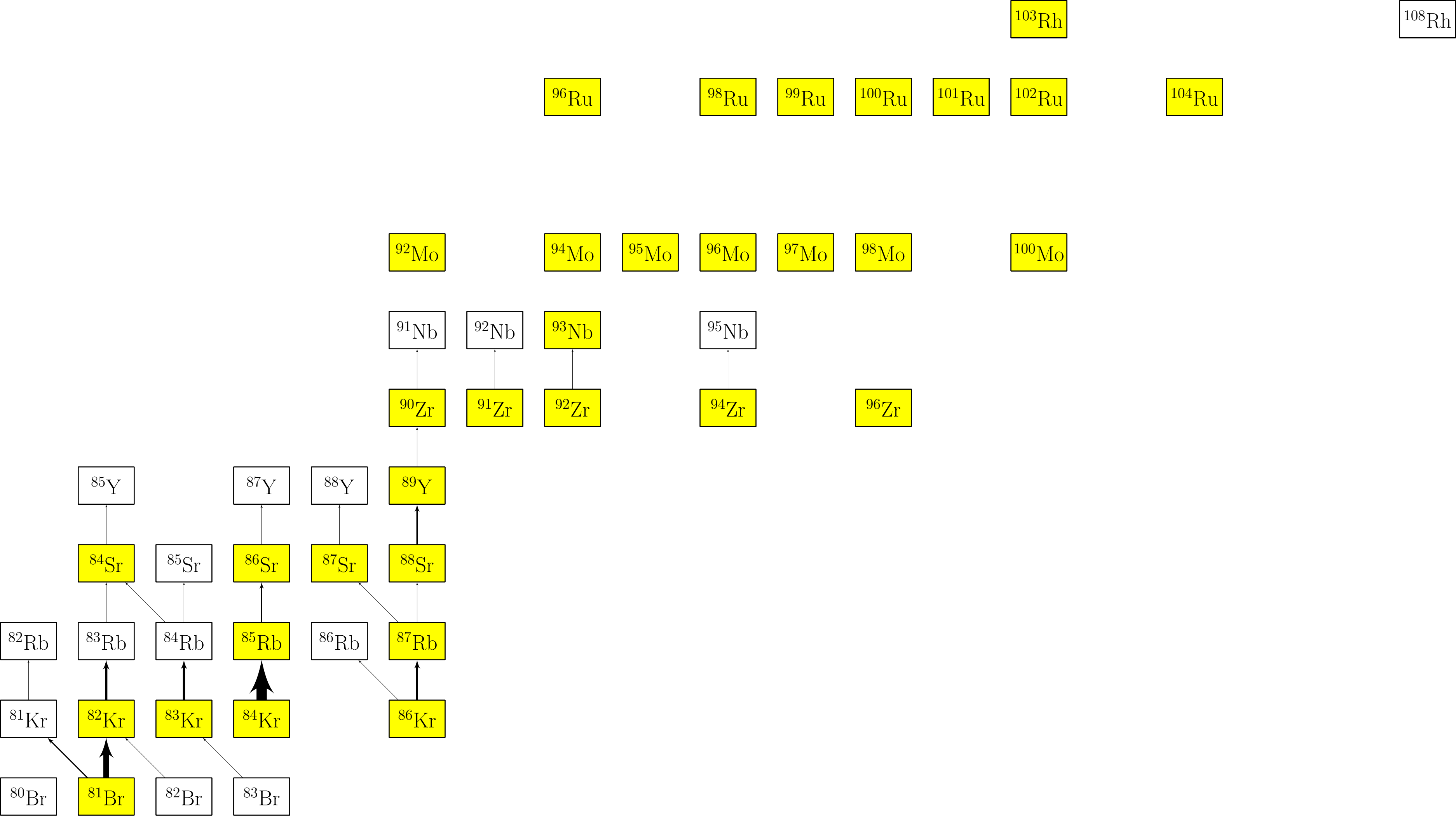




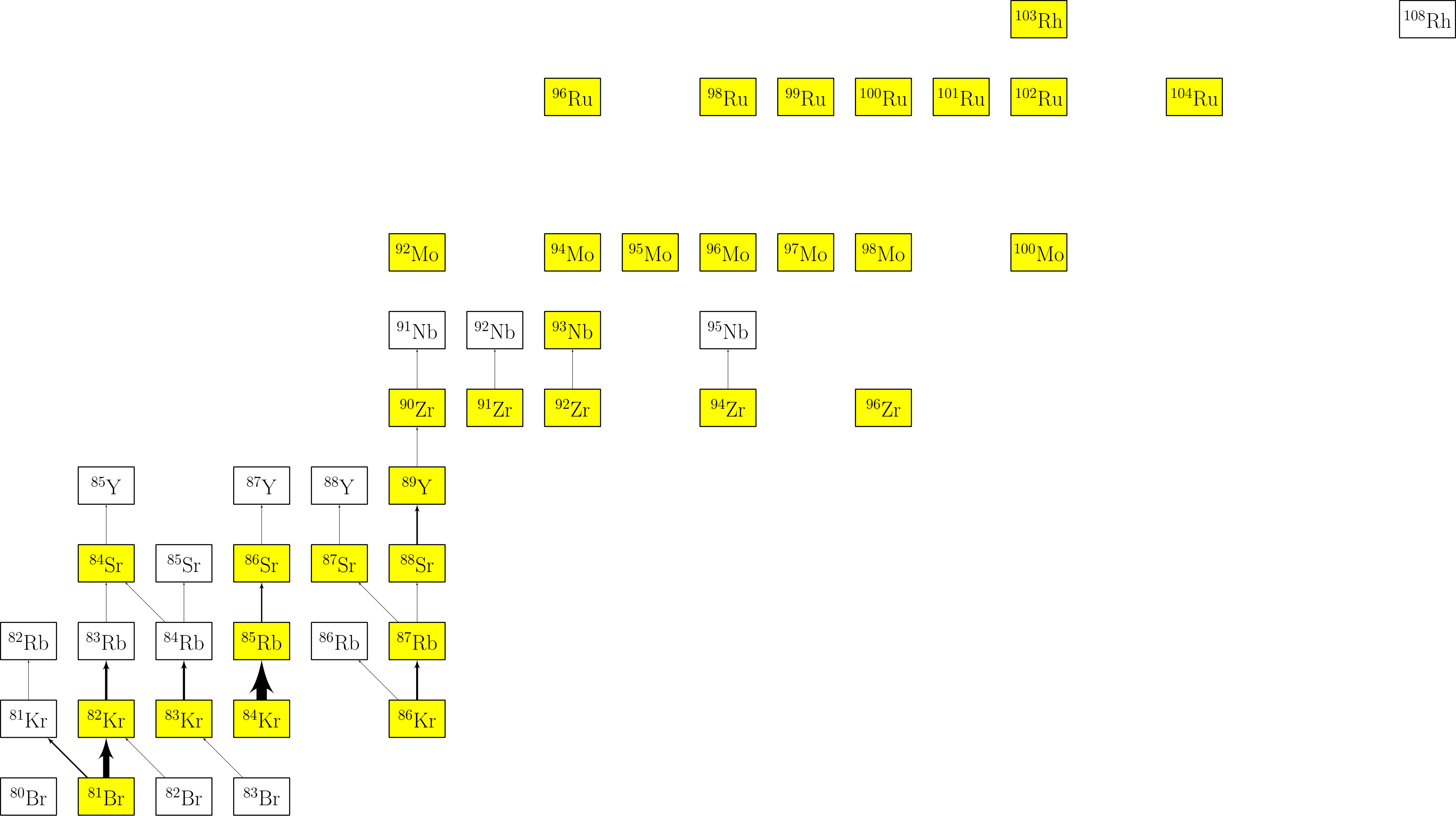


$time(s) = 12.3549$      $T_9 = 0.631121$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.43622e - 08$





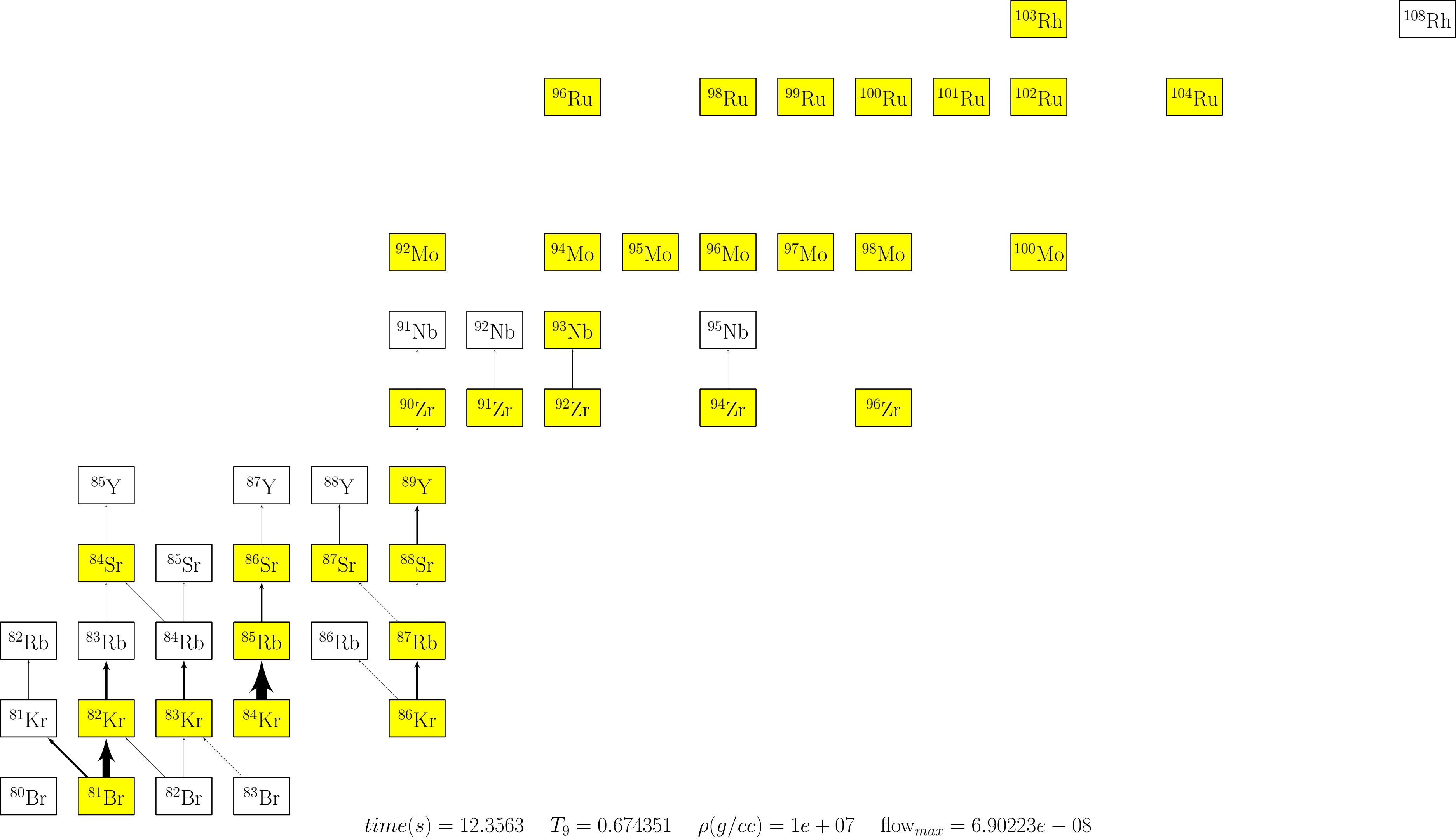
$time(s) = 12.3555$      $T_9 = 0.649745$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.89396e - 08$

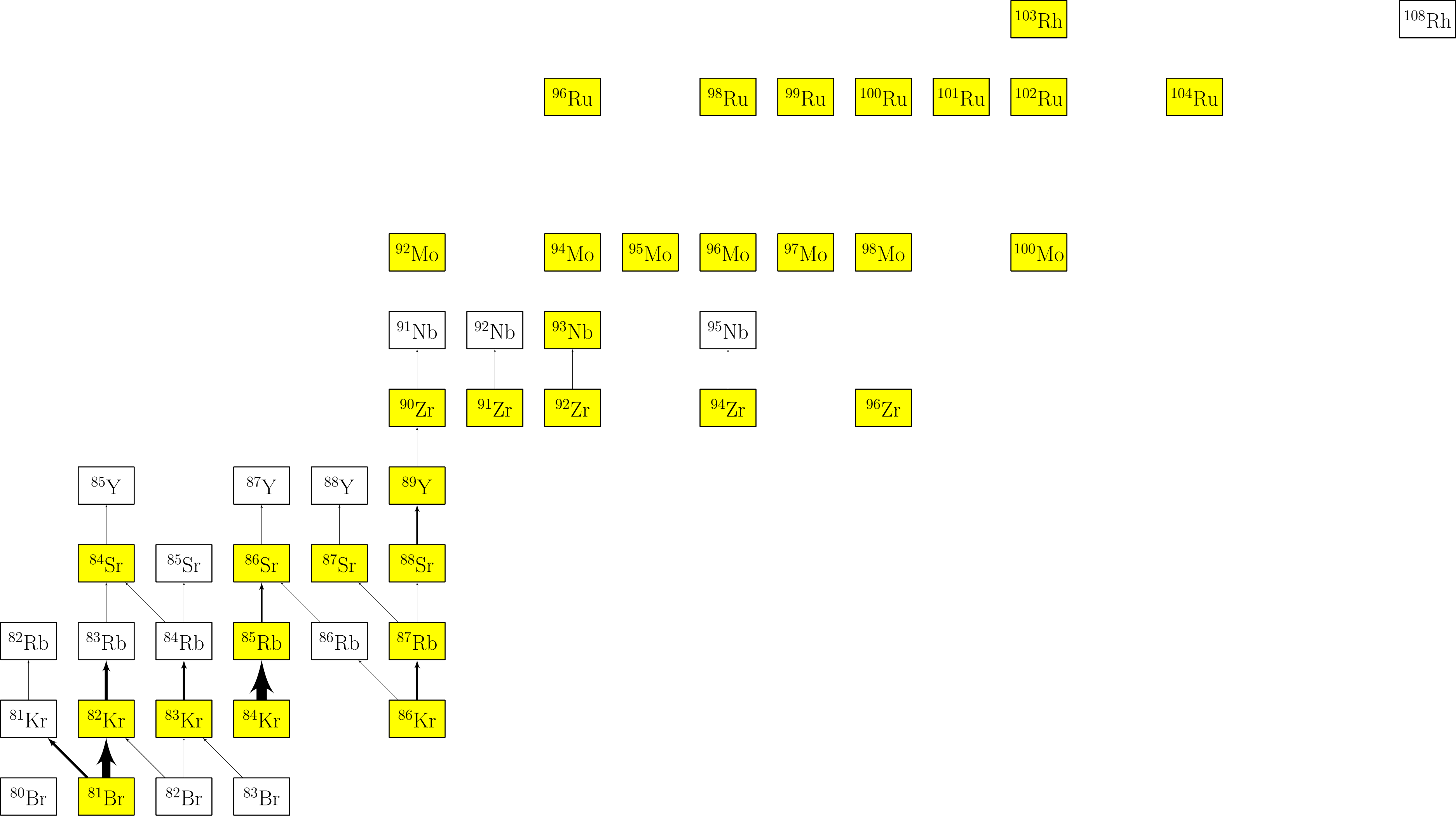


$time(s) = 12.3558$      $T_9 = 0.657259$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.66668e - 08$

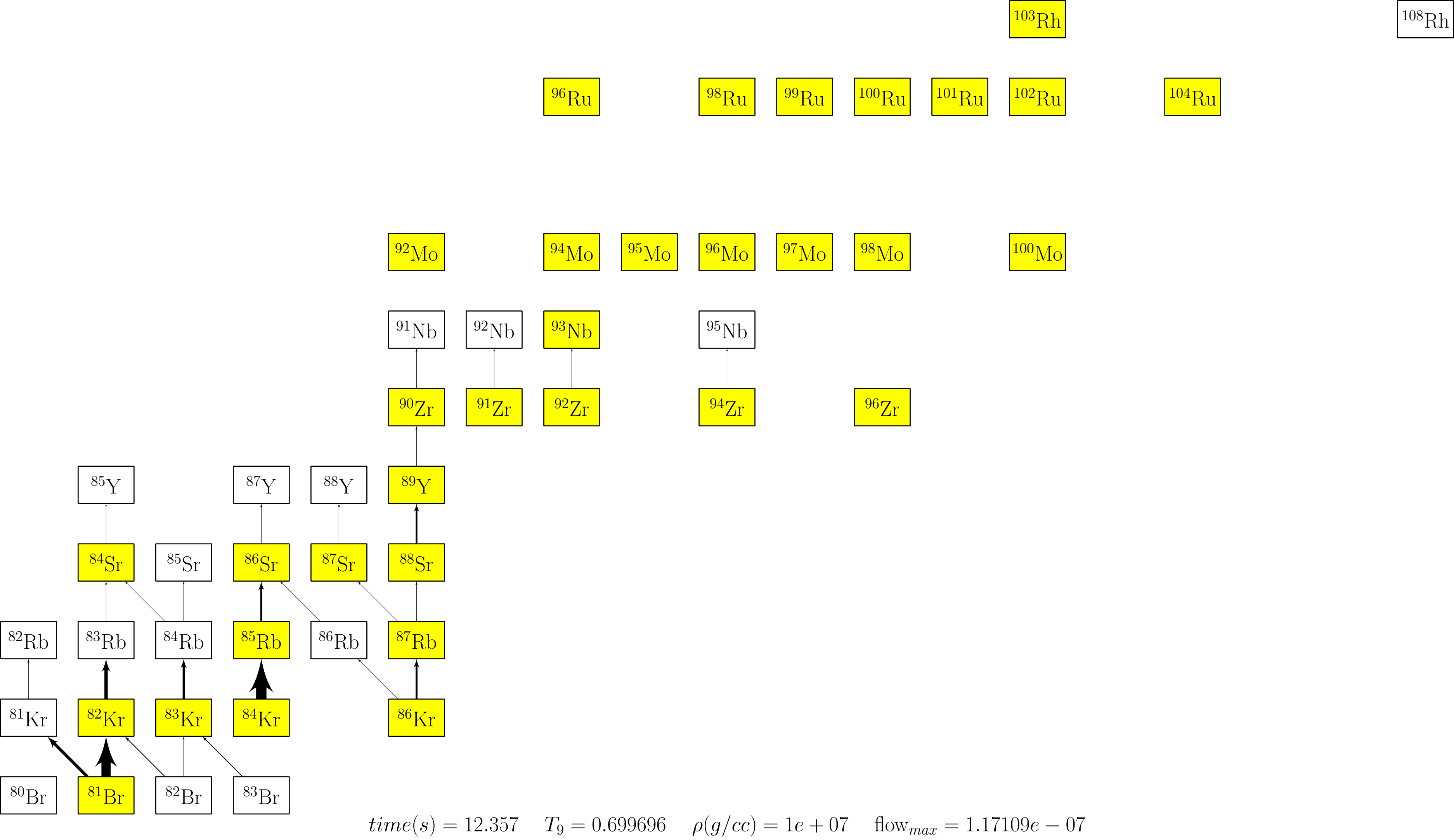


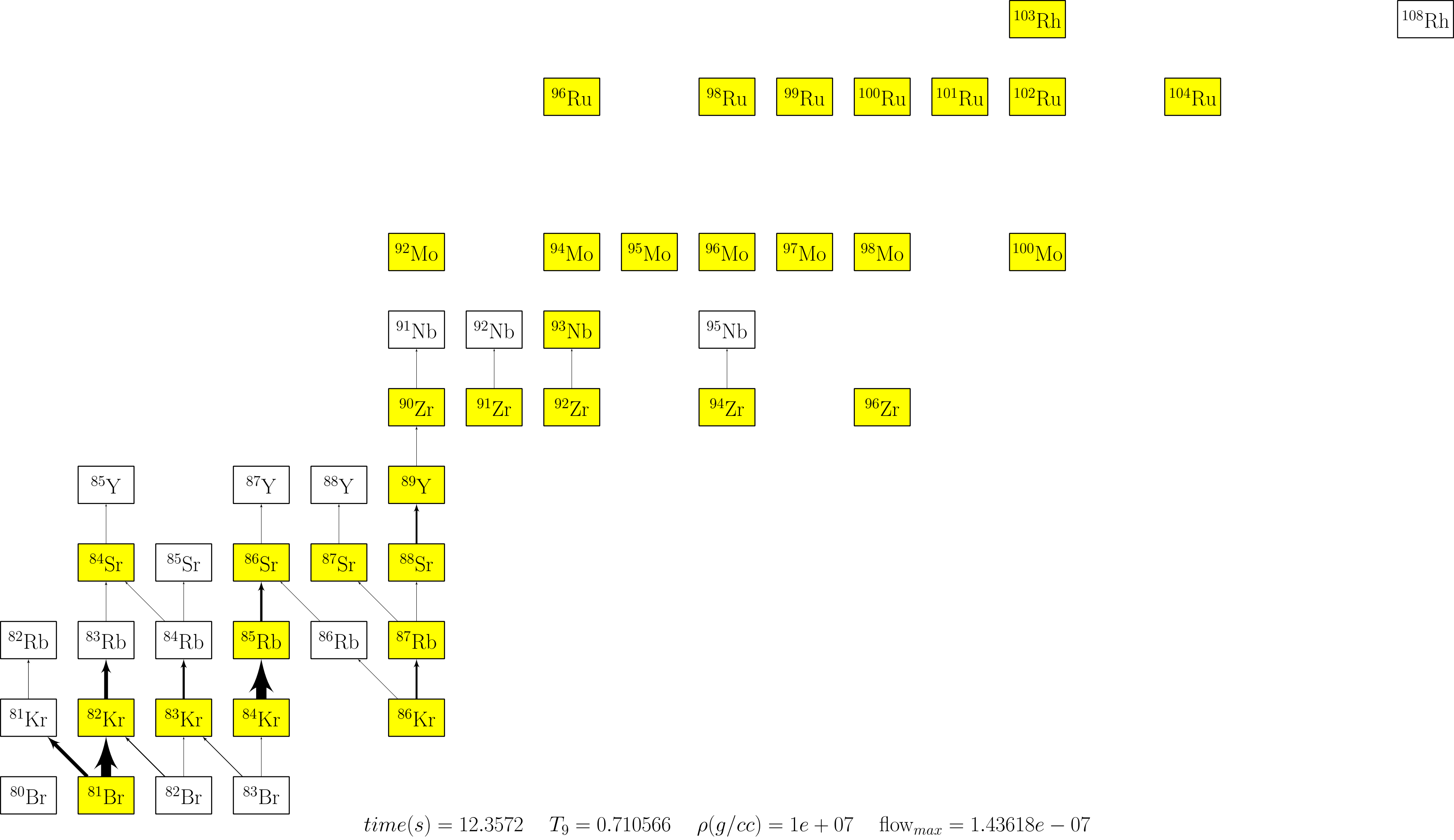


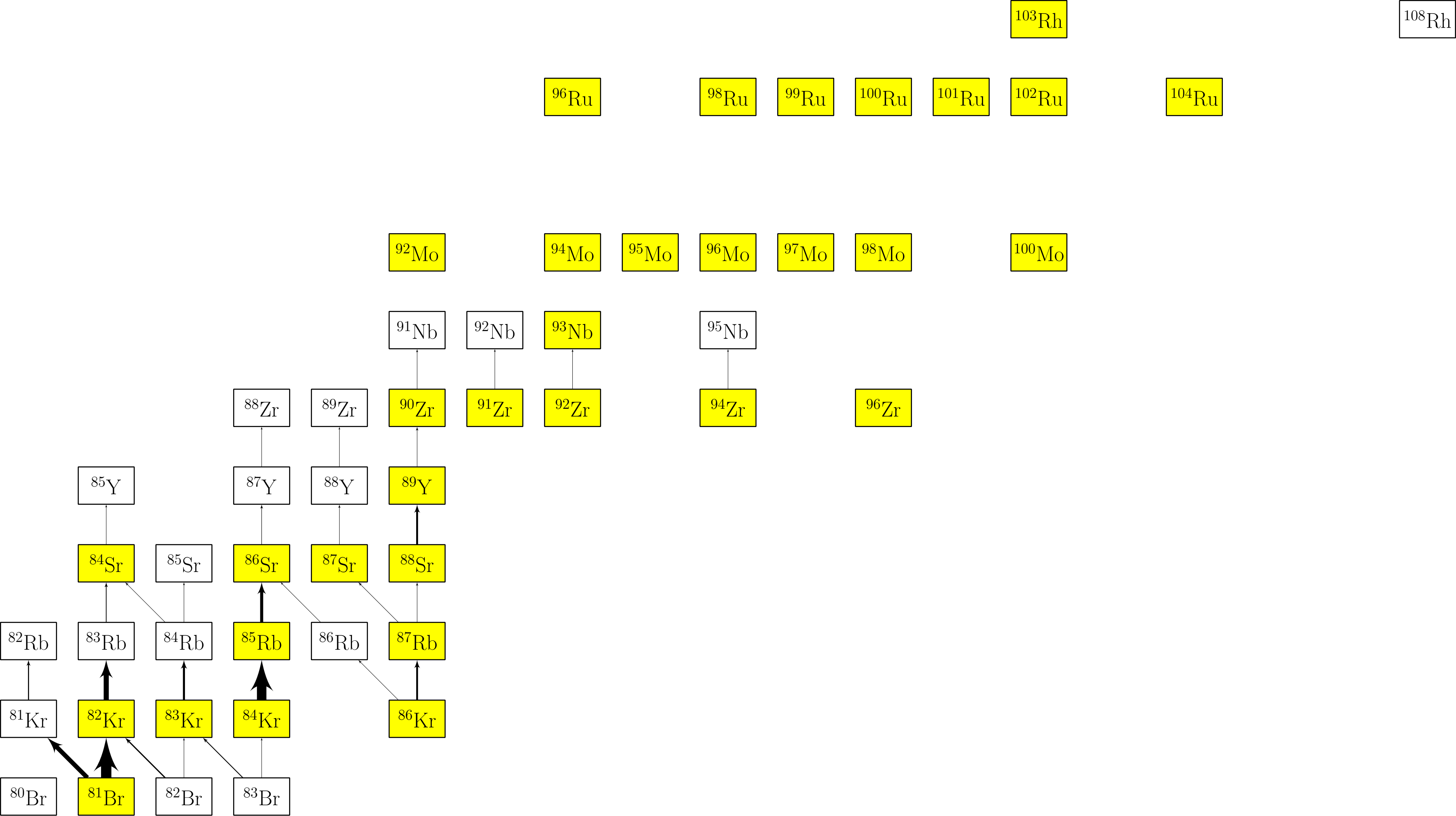




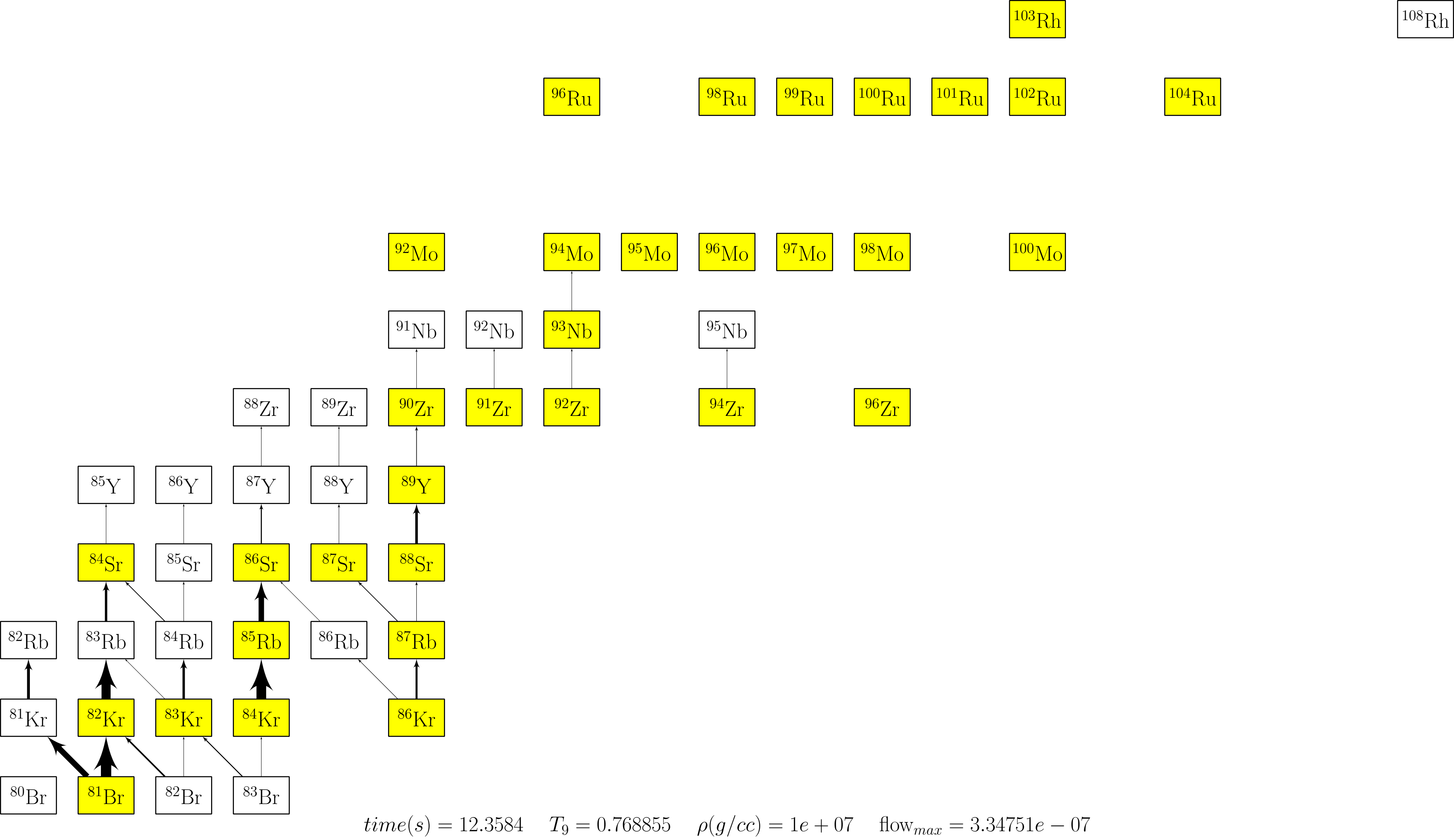
$time(s) = 12.3566$      $T_9 = 0.687364$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.12963e - 08$





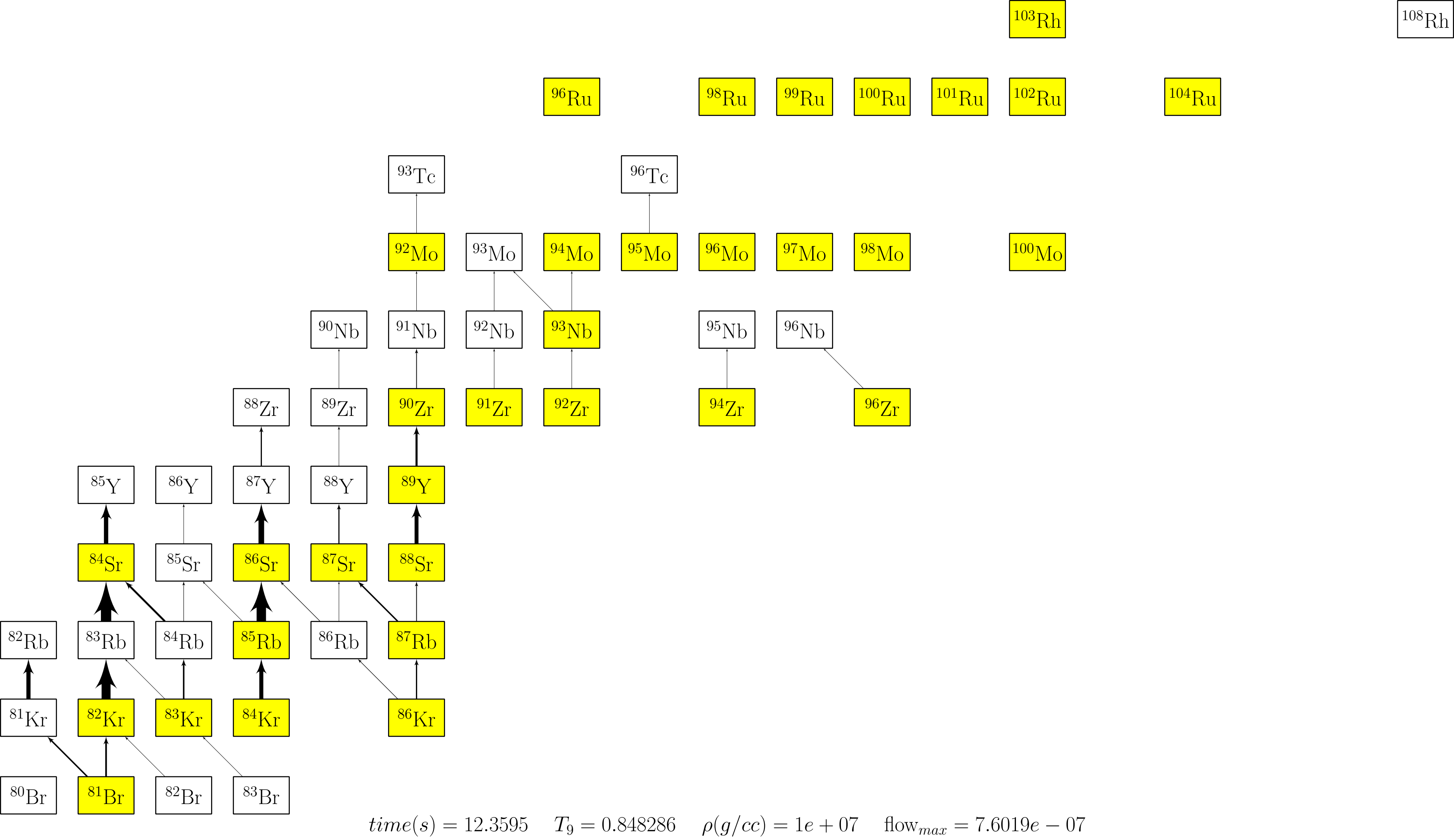


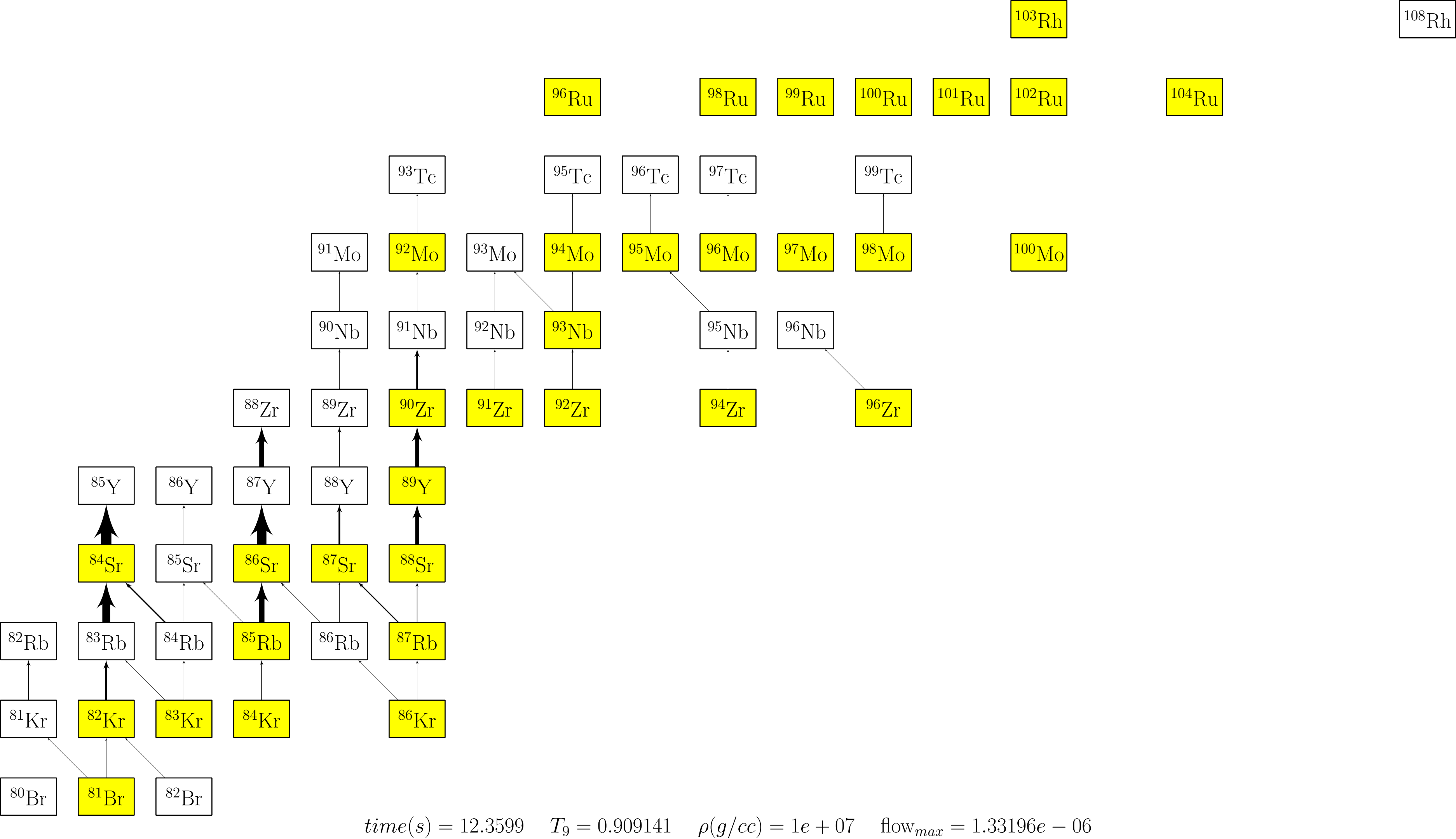
$time(s) = 12.3578$      $T_9 = 0.734414$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.30041e - 07$

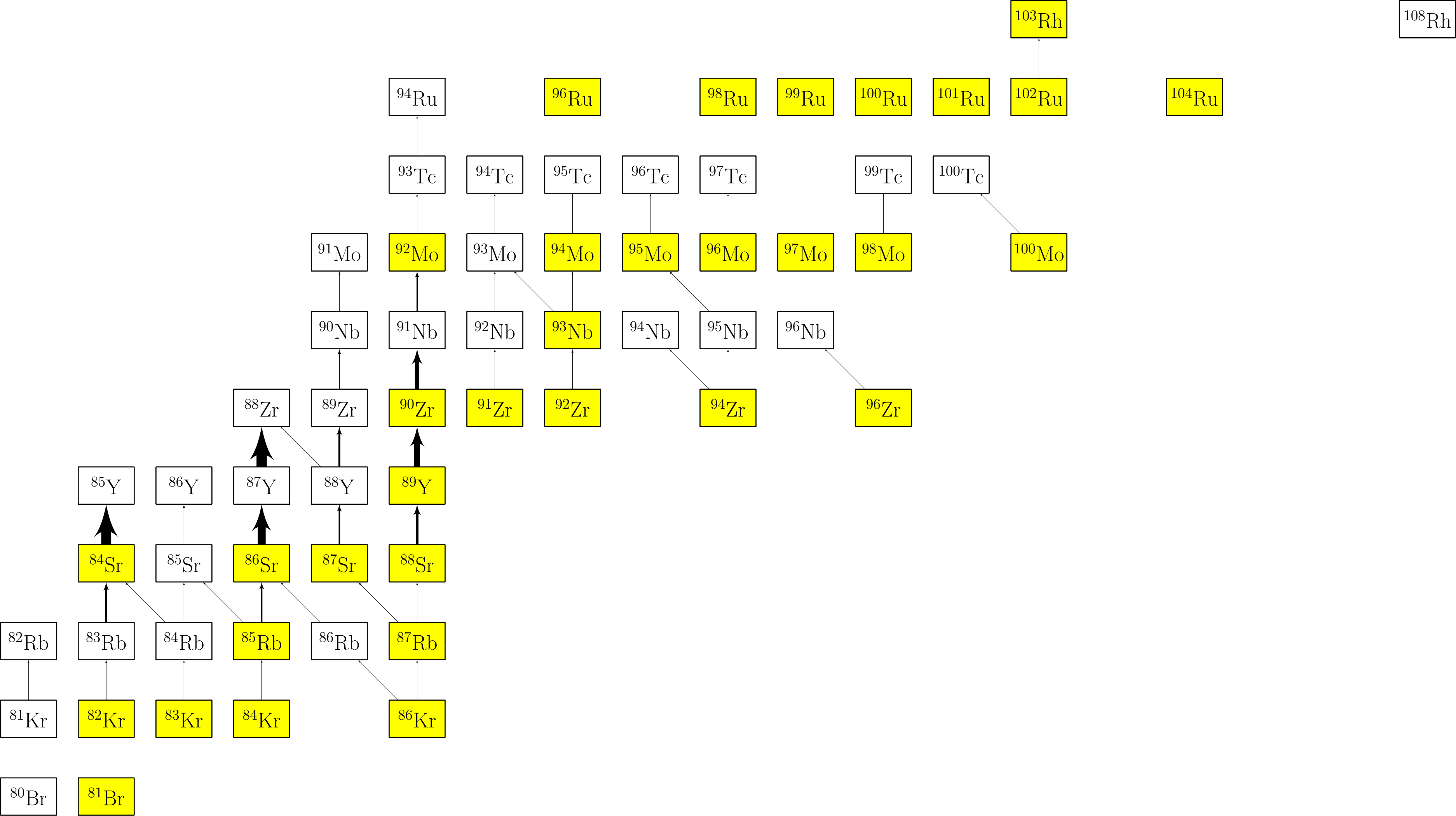




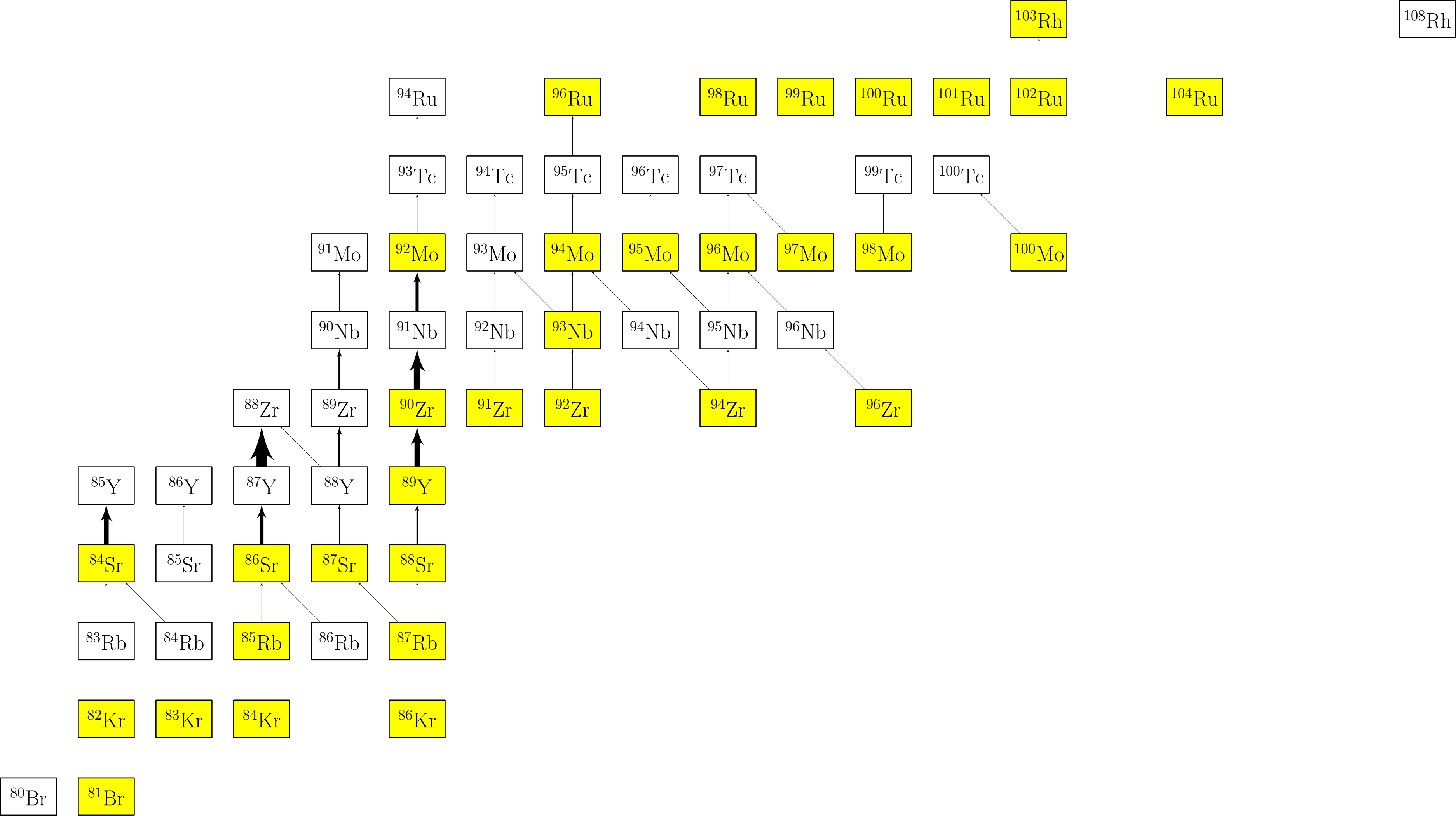




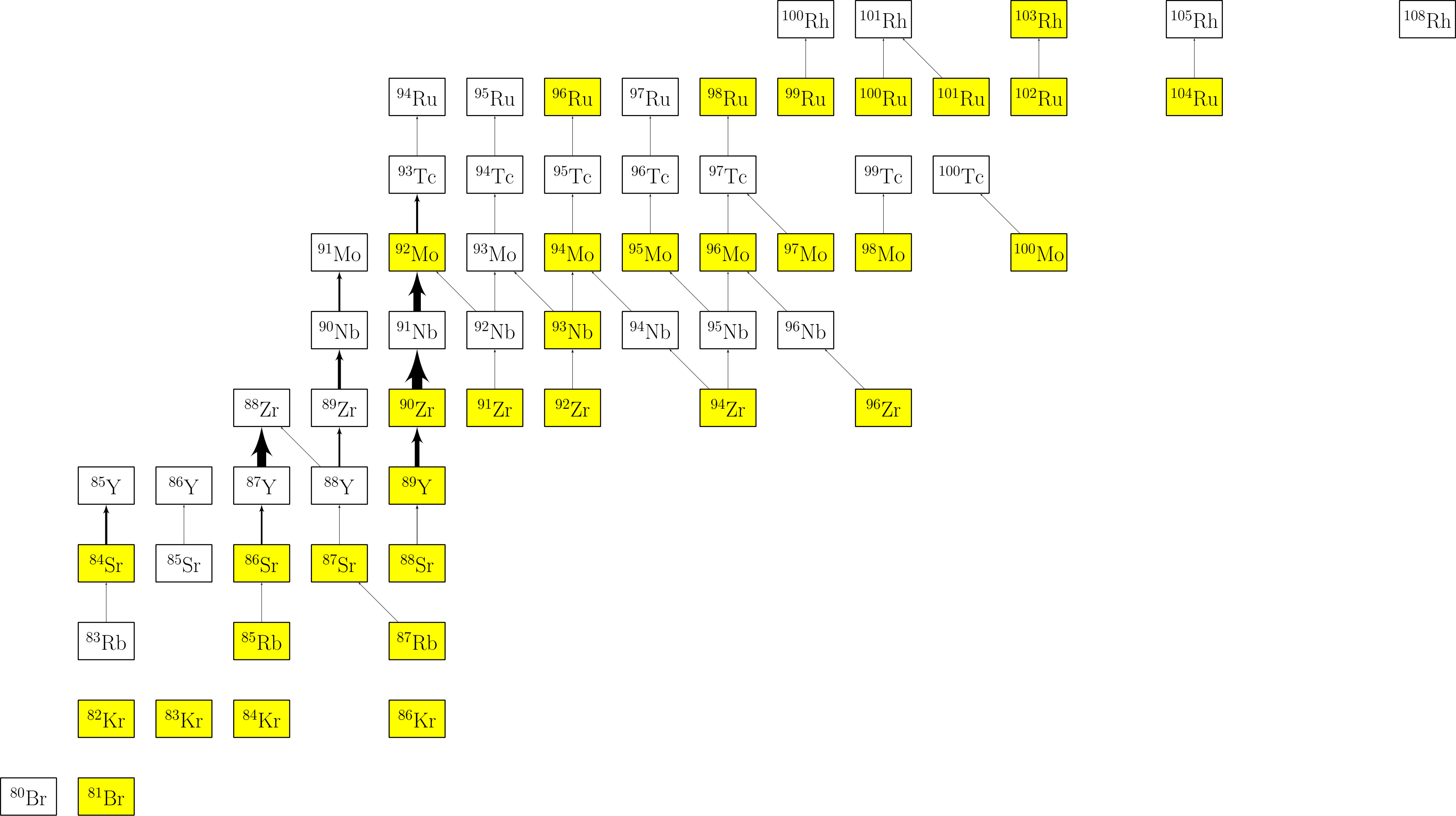




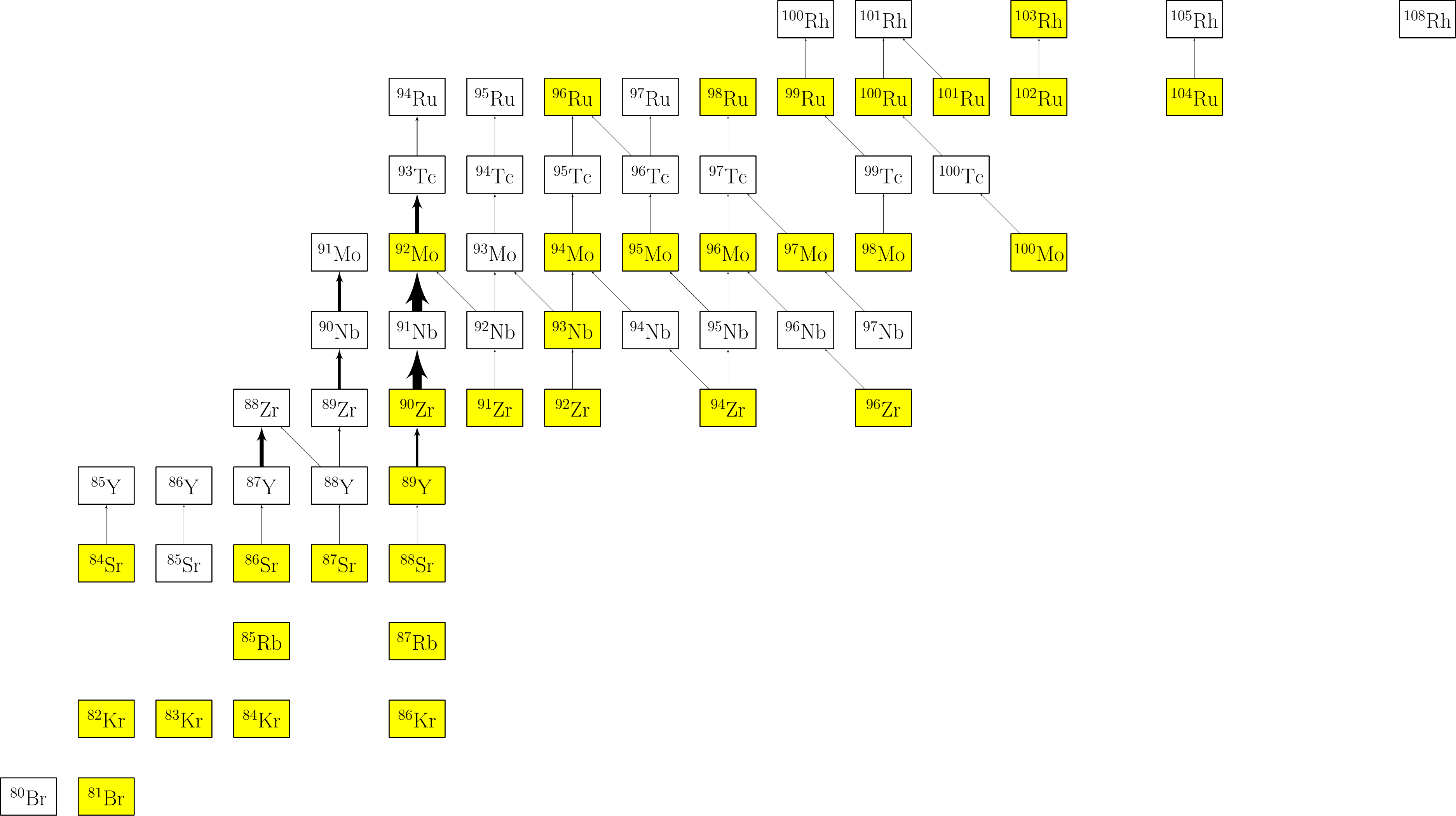
$time(s) = 12.3602$      $T_9 = 0.974362$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.08243e - 06$



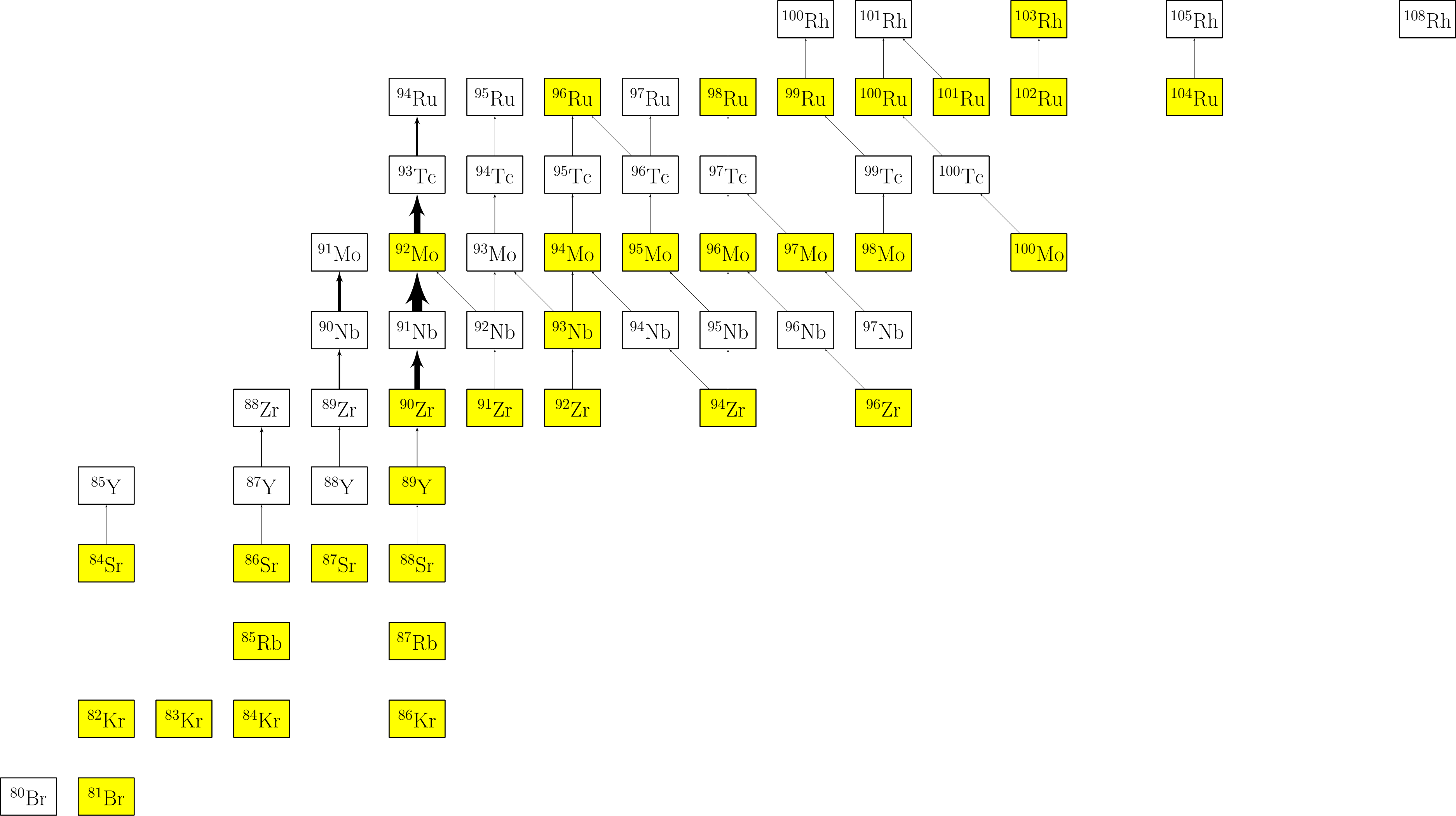
$time(s) = 12.3603$      $T_9 = 1.03073$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.09368e - 06$



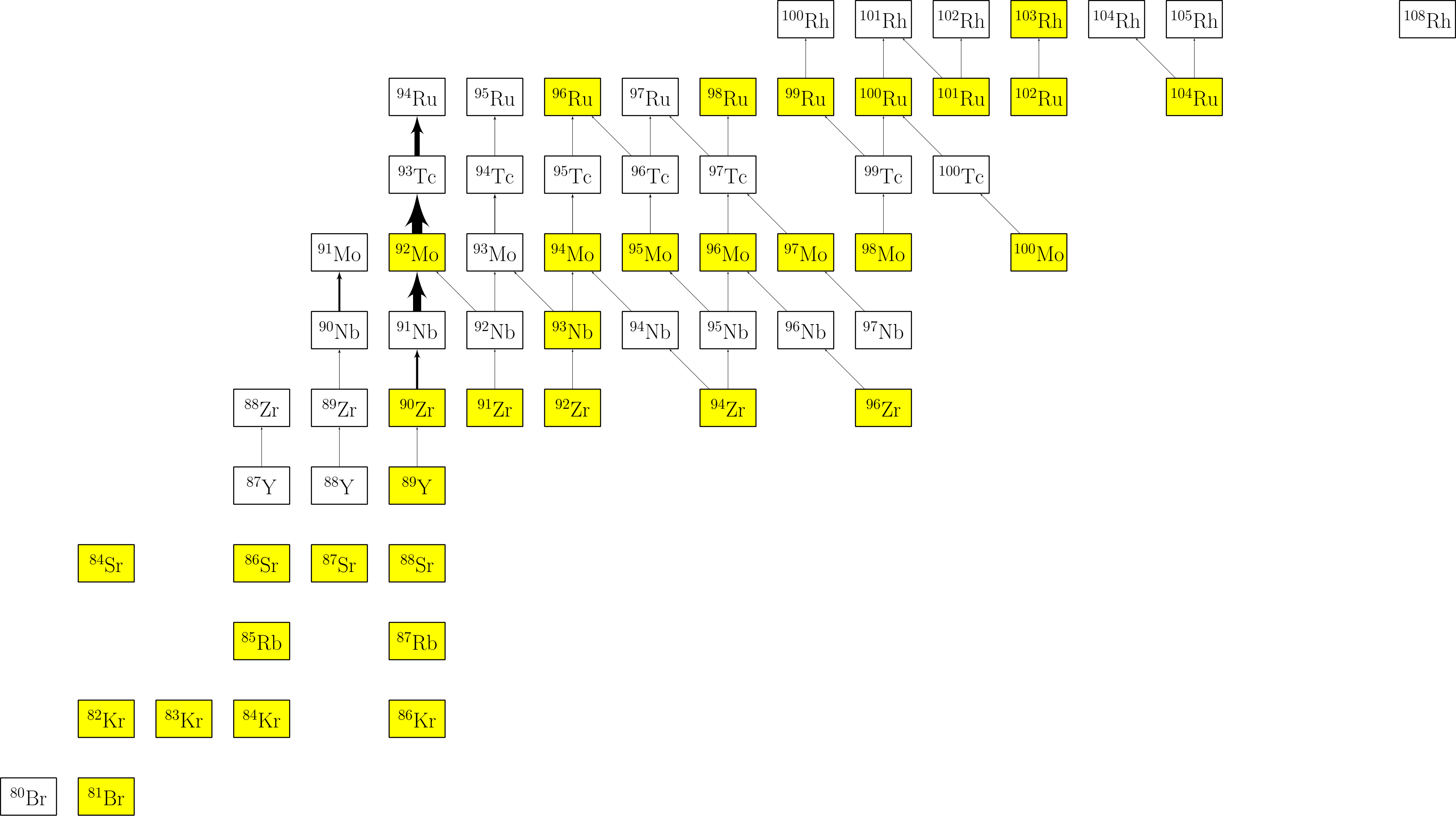
$time(s) = 12.3604$      $T_9 = 1.0806$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.2907e - 06$



$time(s) = 12.3604$      $T_9 = 1.13087$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.81125e - 06$

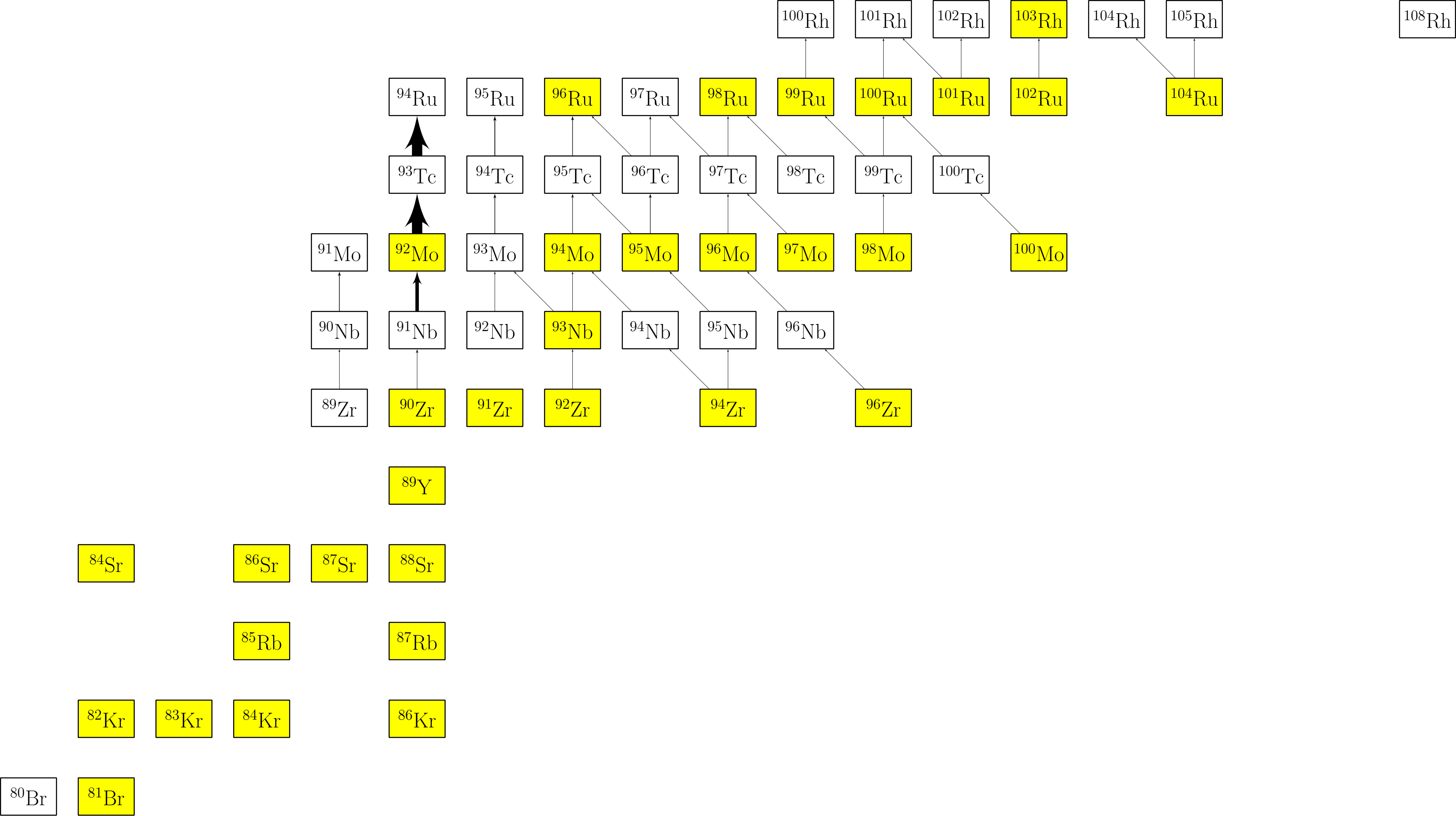


$time(s) = 12.3604$      $T_9 = 1.18616$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.96869e - 06$

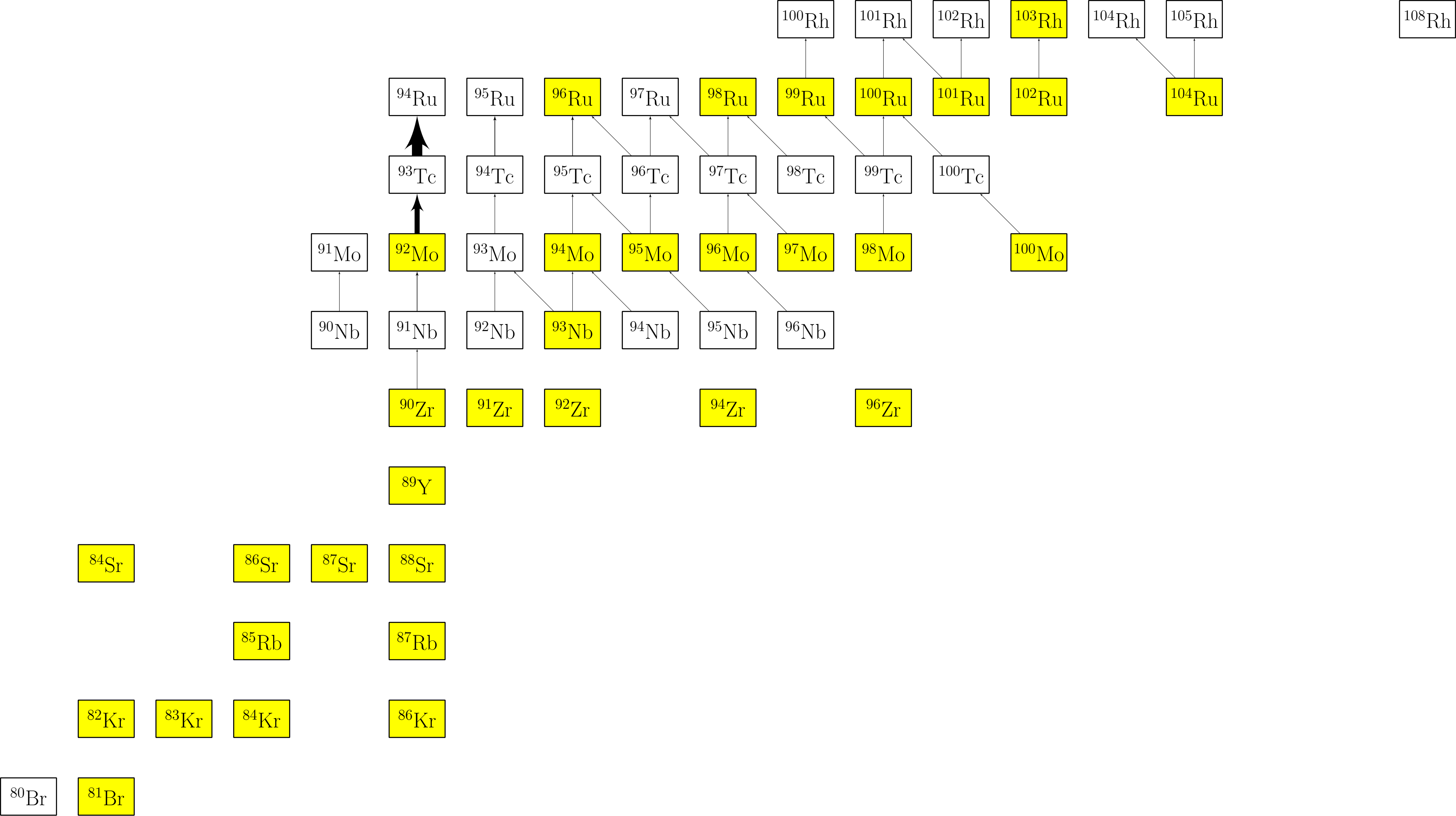


$time(s) = 12.3605$      $T_9 = 1.25473$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.19795e - 05$

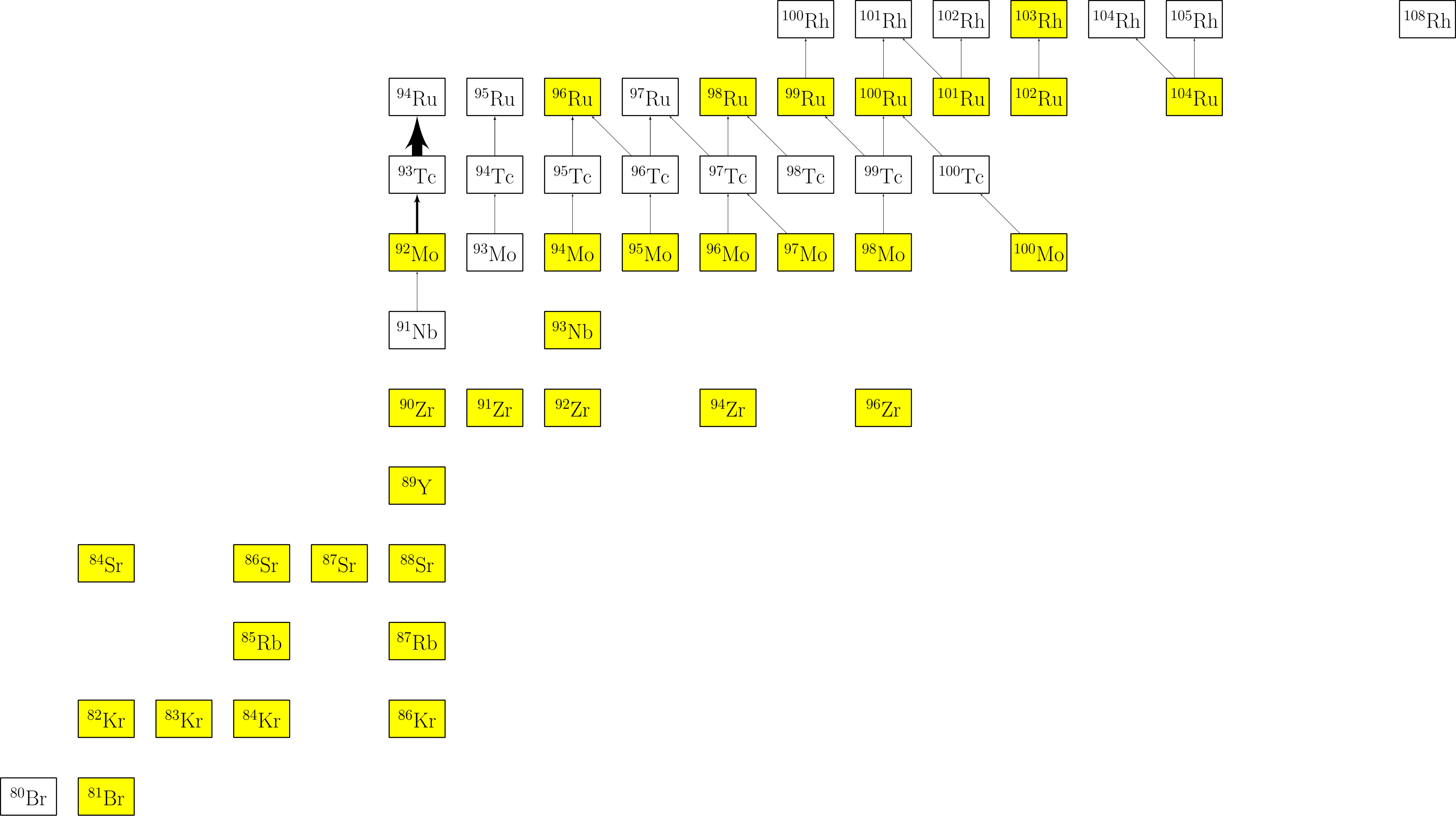




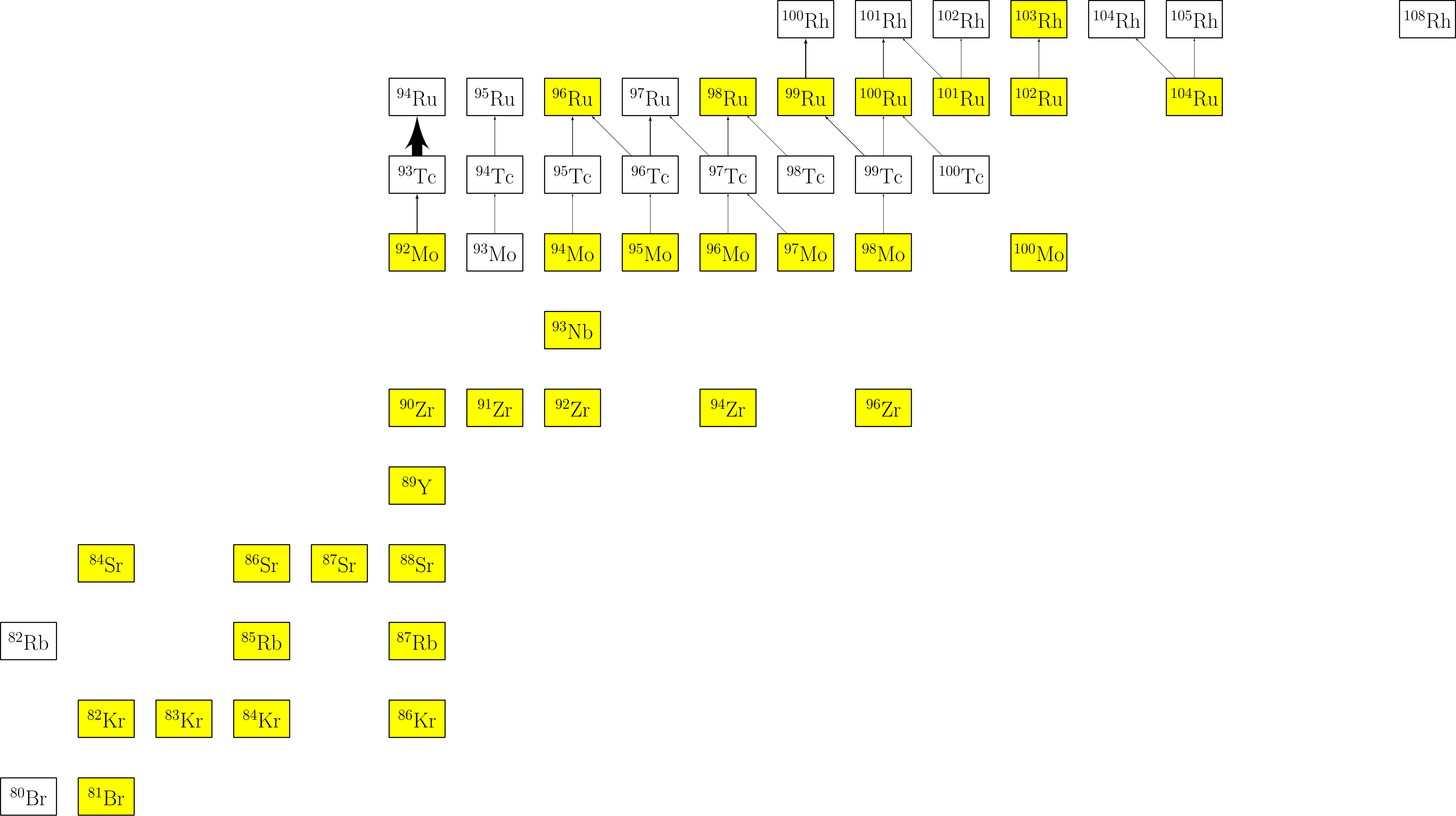
$time(s) = 12.3605$     $T_9 = 1.32292$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 1.6225e - 05$



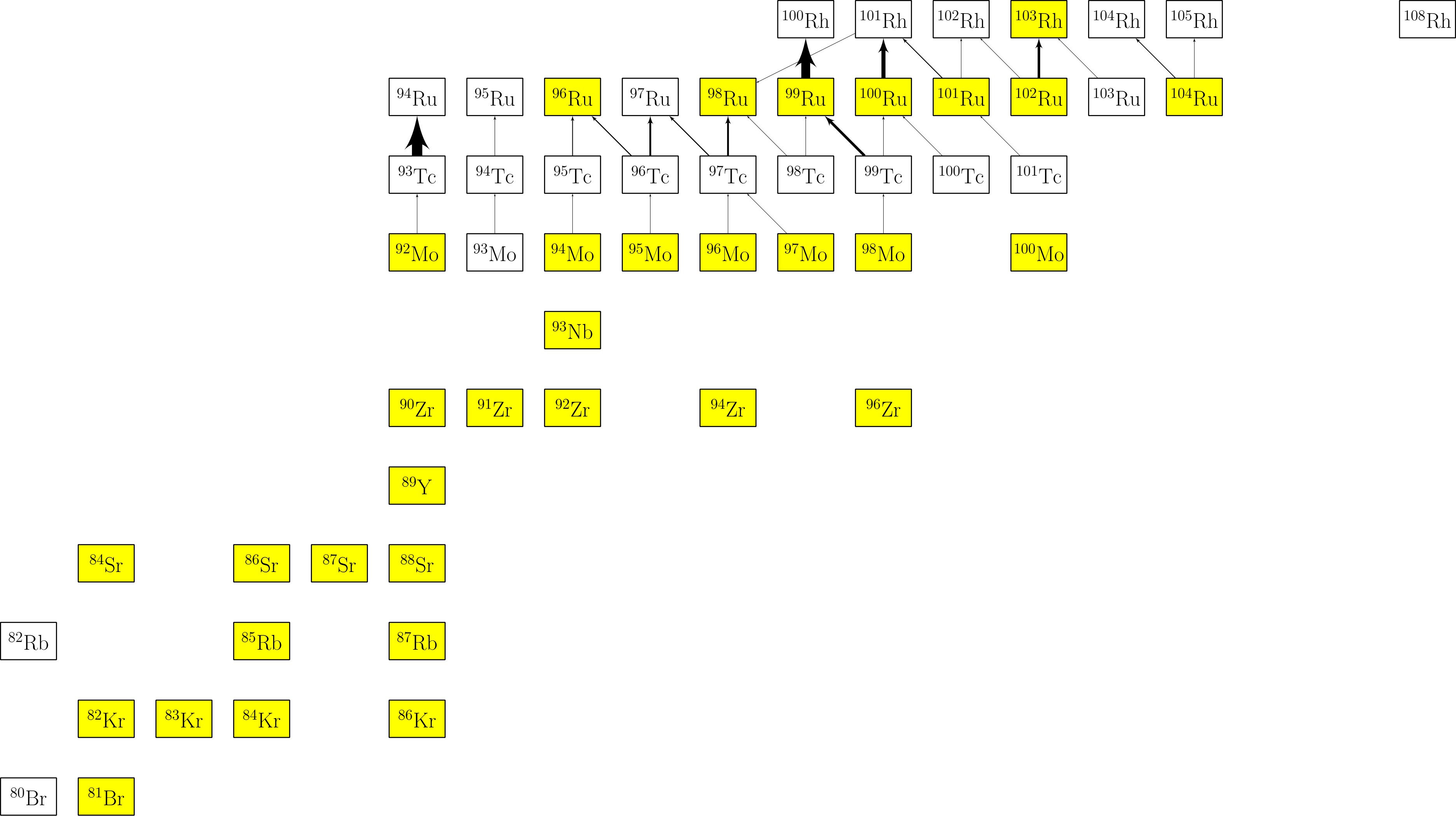
$time(s) = 12.3605$      $T_9 = 1.37994$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.16813e - 05$



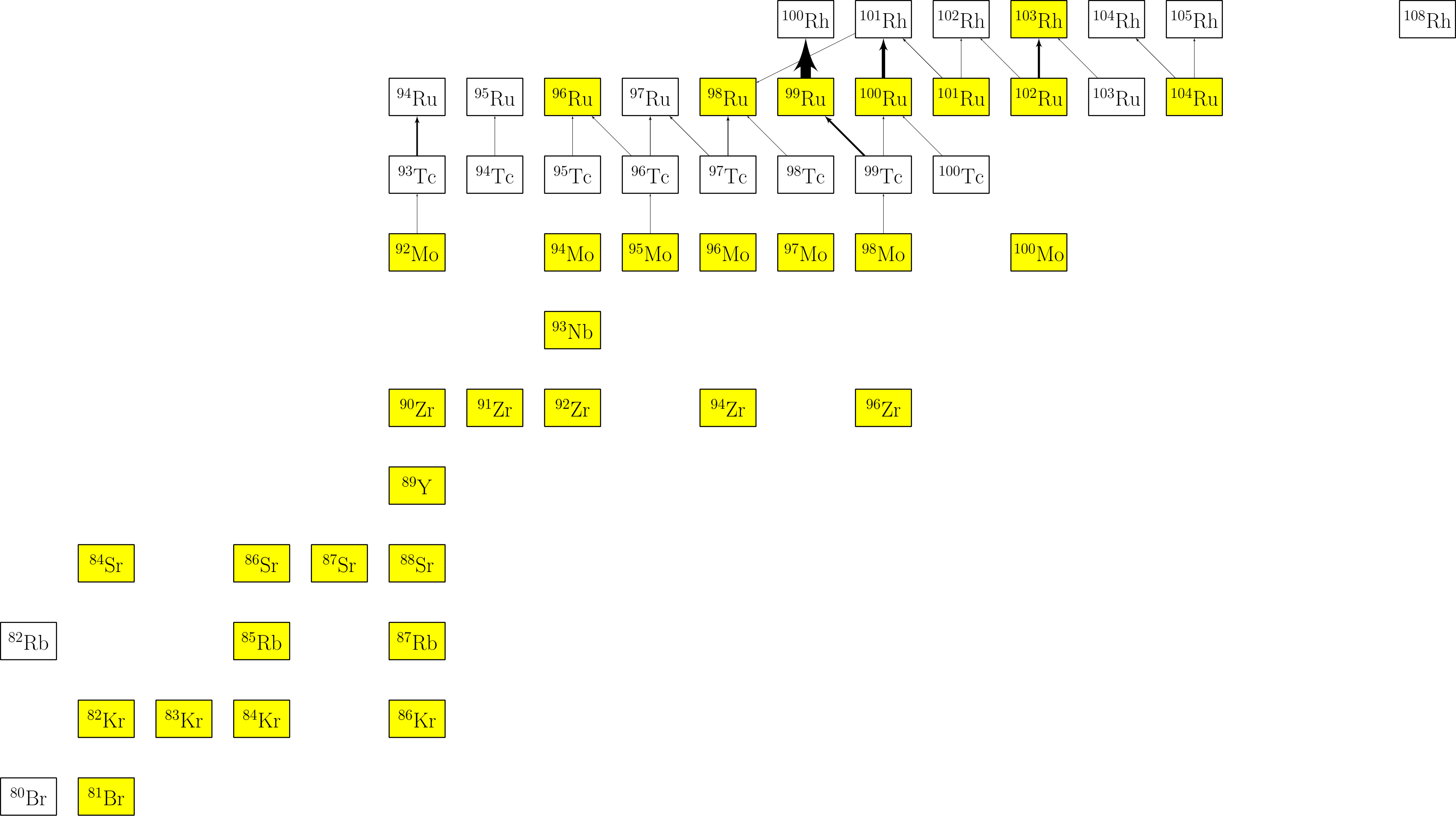
$time(s) = 12.3605$      $T_9 = 1.43354$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.40997e - 05$



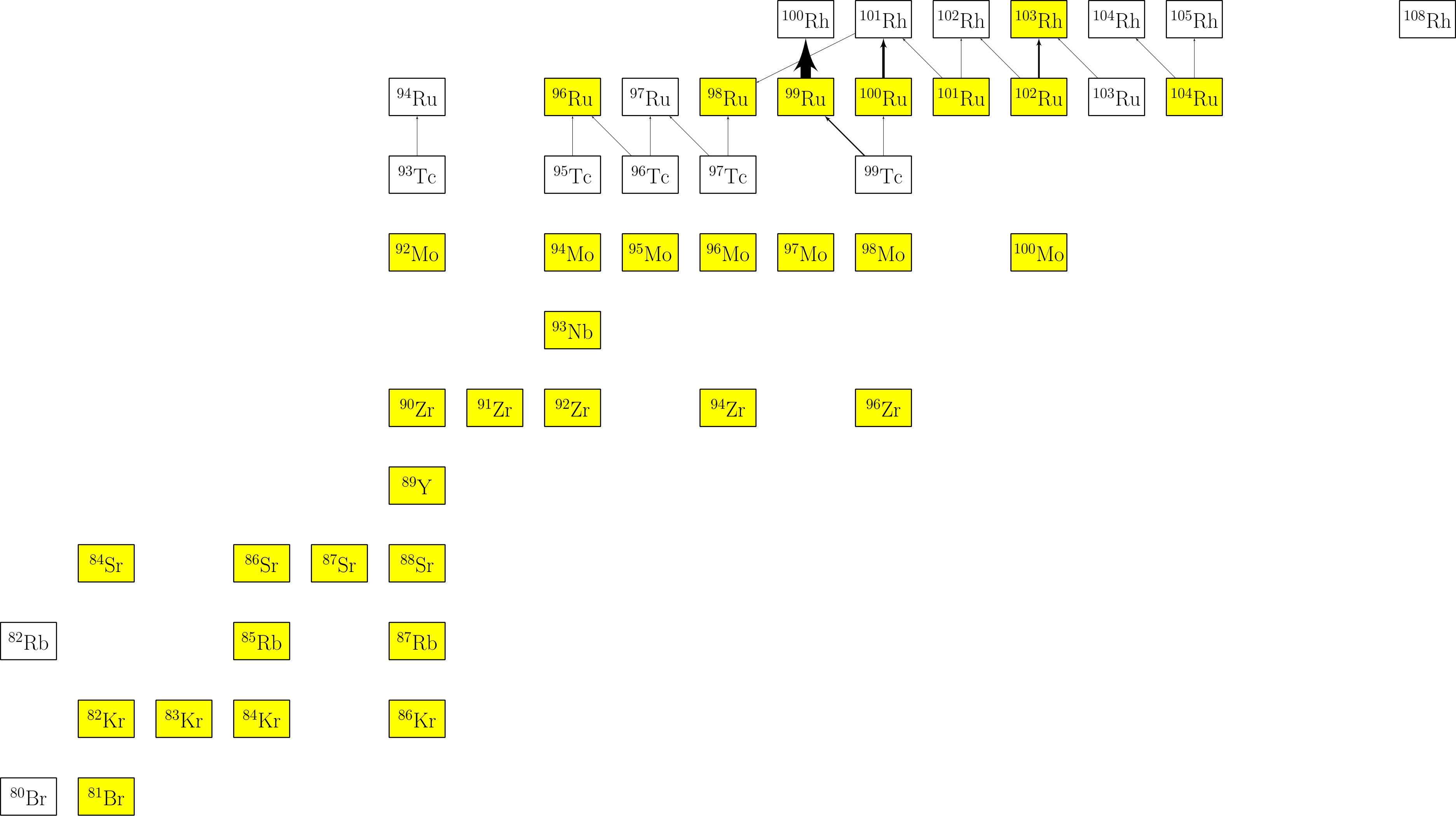
$time(s) = 12.3605$      $T_9 = 1.48675$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.16385e - 06$



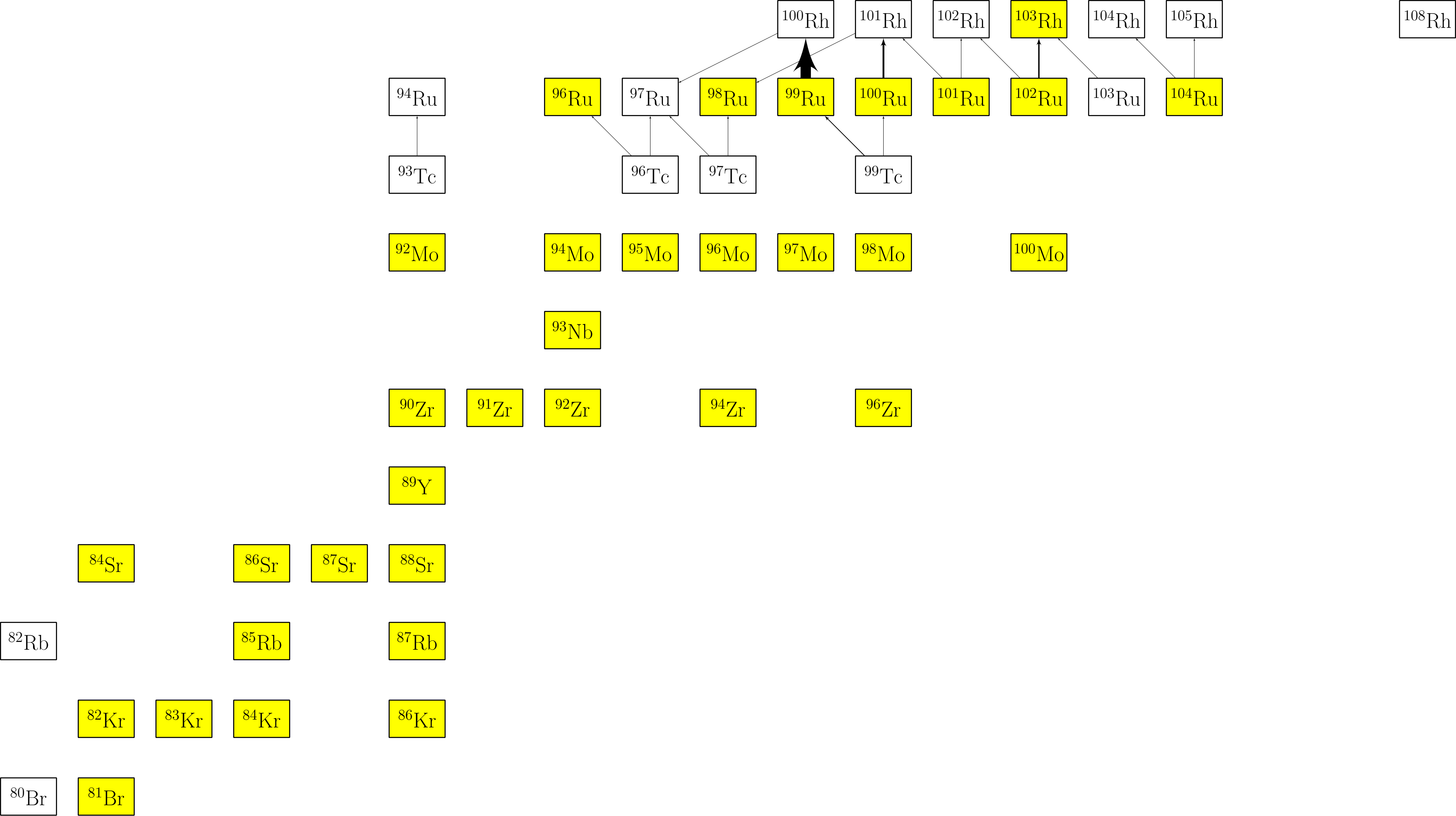
$time(s) = 12.3605$     $T_9 = 1.54604$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 4.8088e - 07$



$time(s) = 12.3605$      $T_9 = 1.58775$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.8212e - 07$

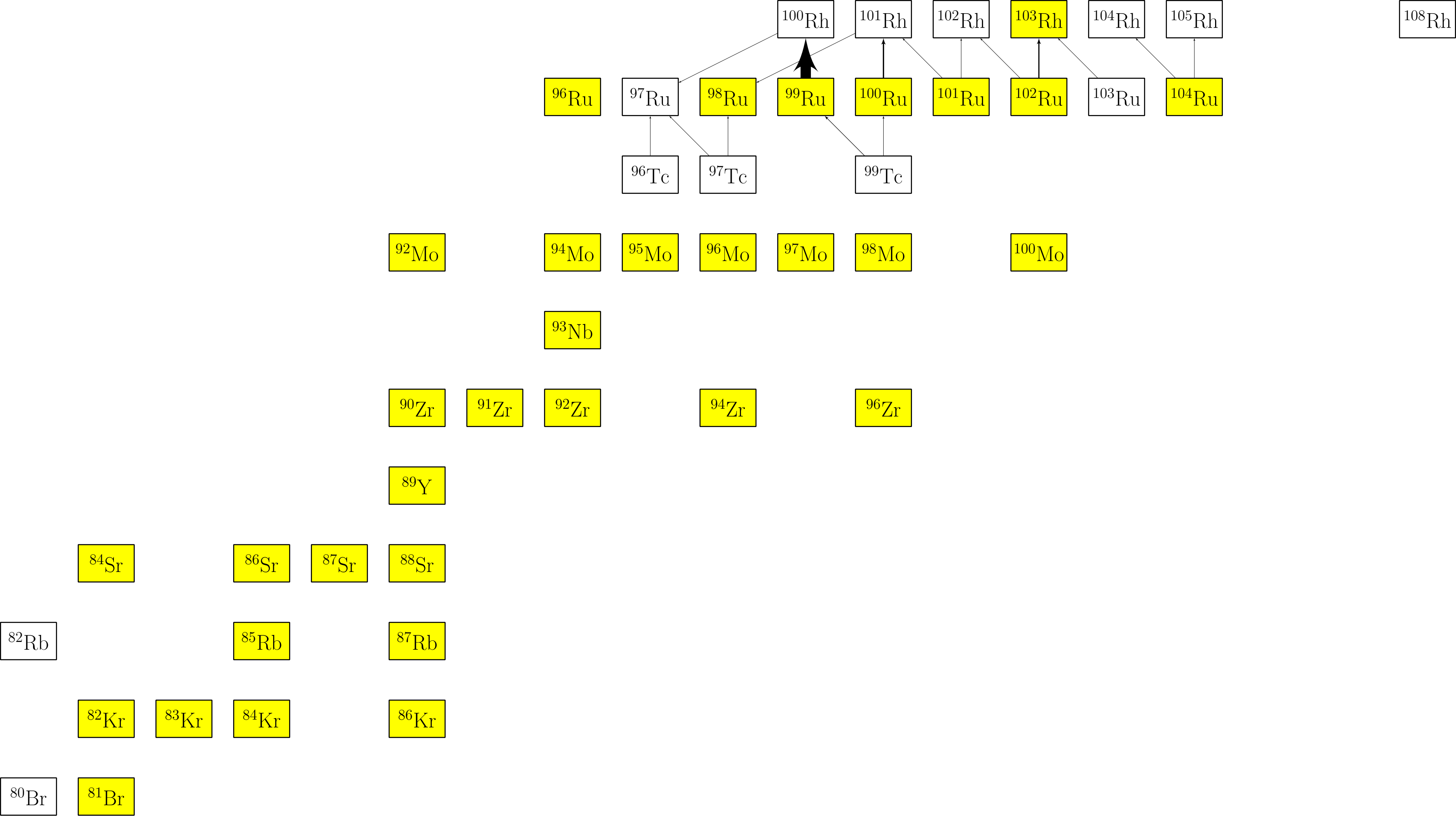


$time(s) = 12.3605$      $T_9 = 1.61828$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.60319e - 07$

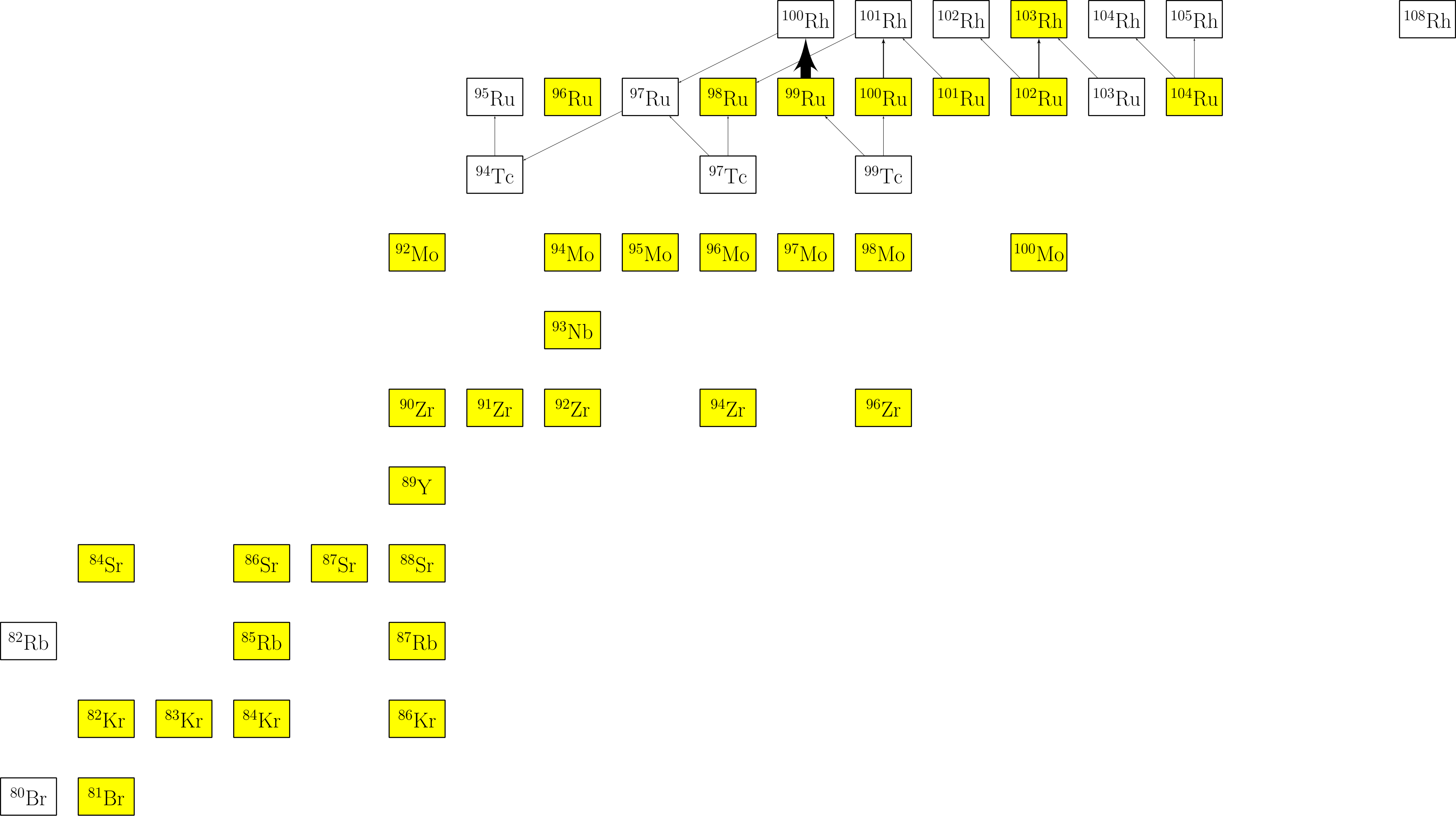


$time(s) = 12.3605$      $T_9 = 1.64118$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 8.08726e - 08$

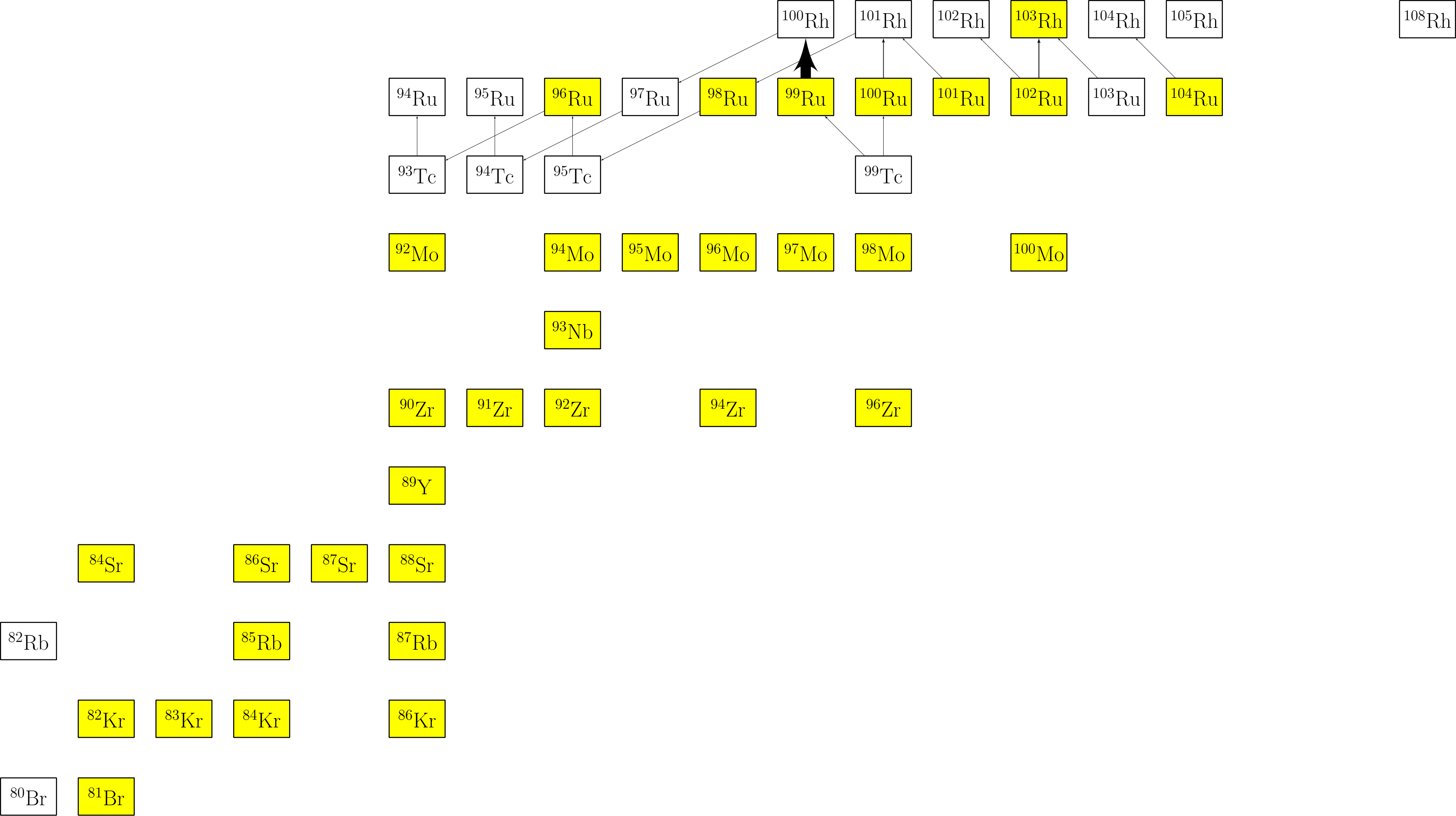


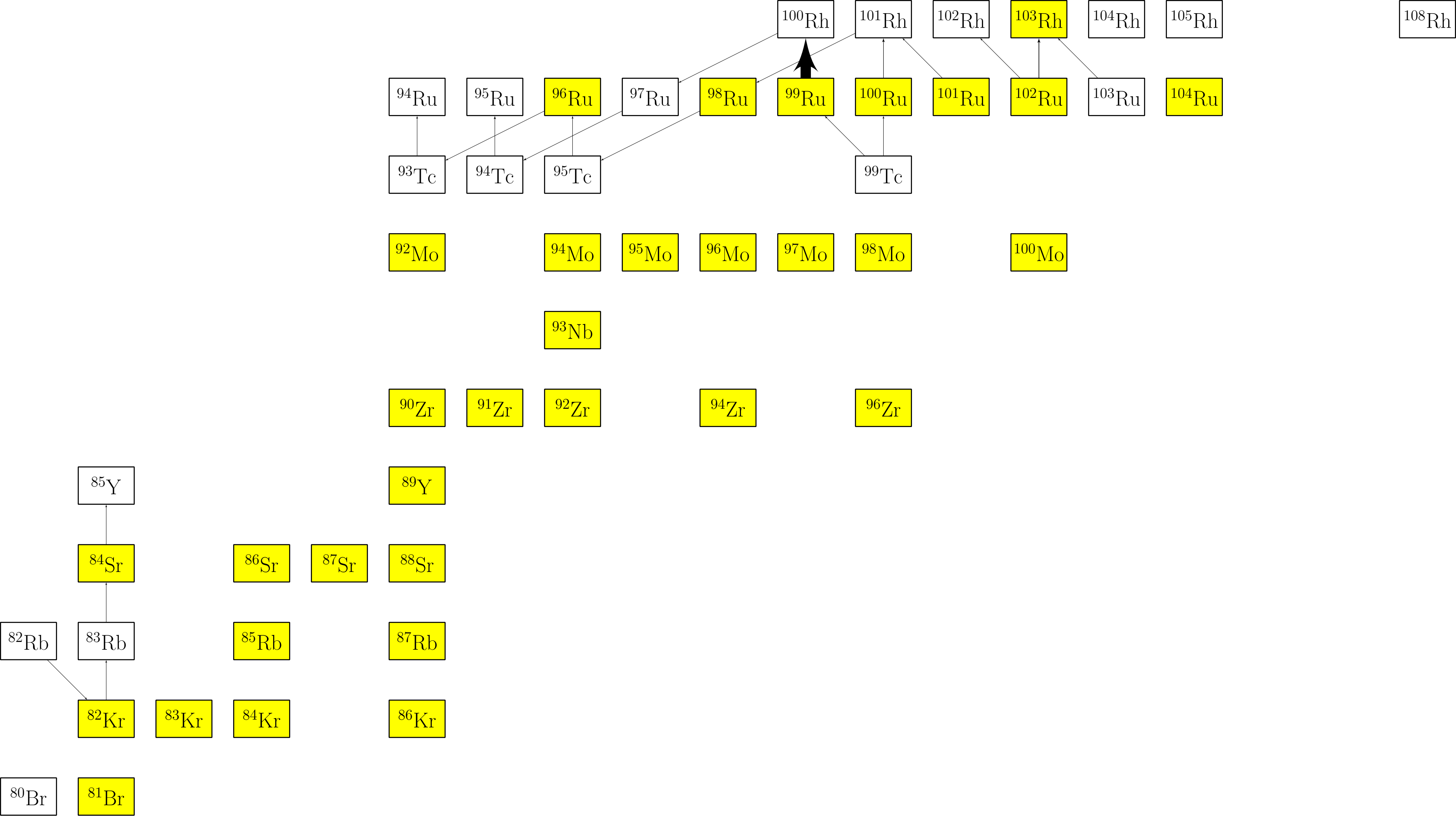


$time(s) = 12.3606$      $T_9 = 1.65872$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.76694e - 08$

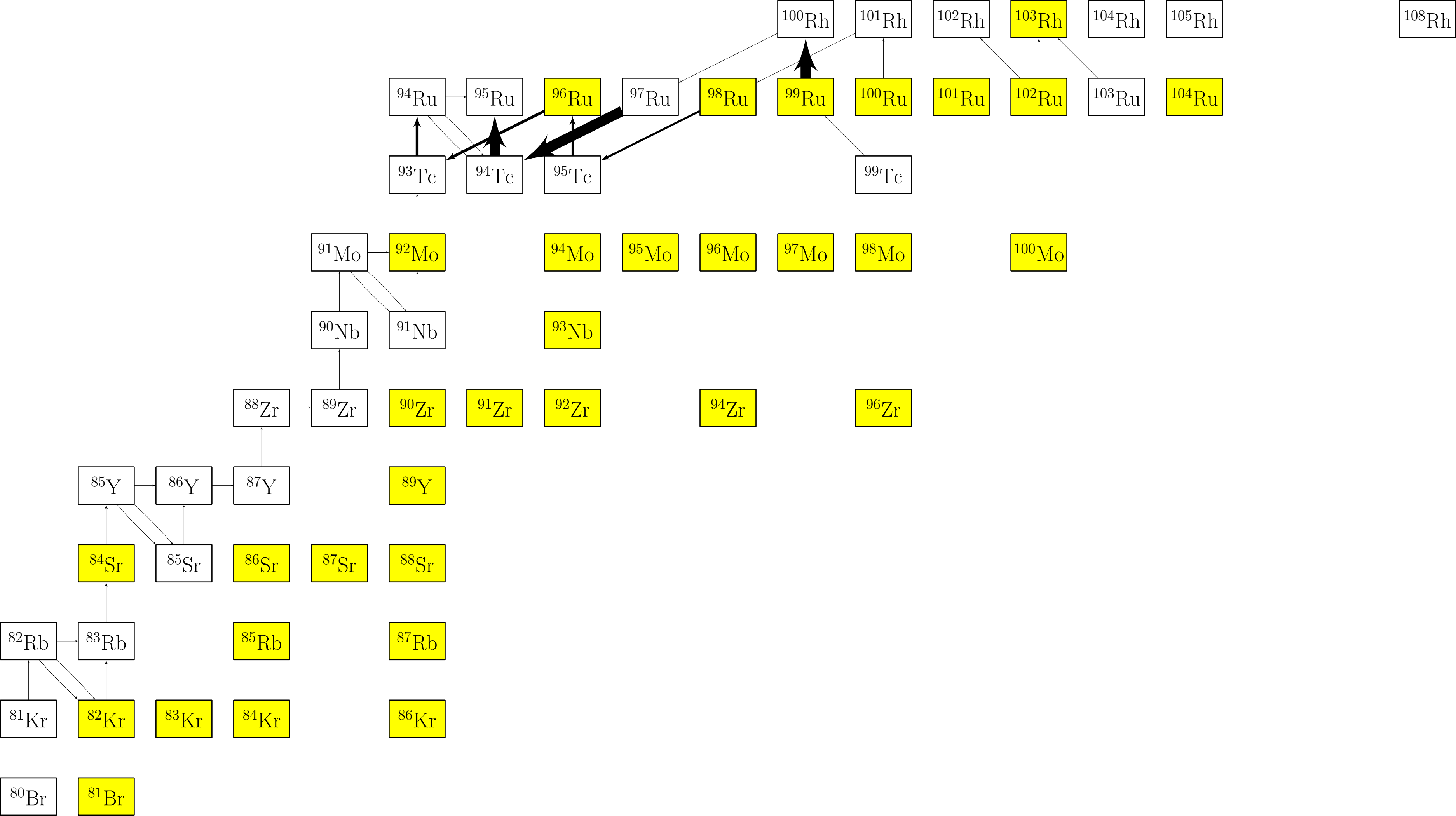


$time(s) = 12.3606$      $T_9 = 1.67247$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.6606e - 08$

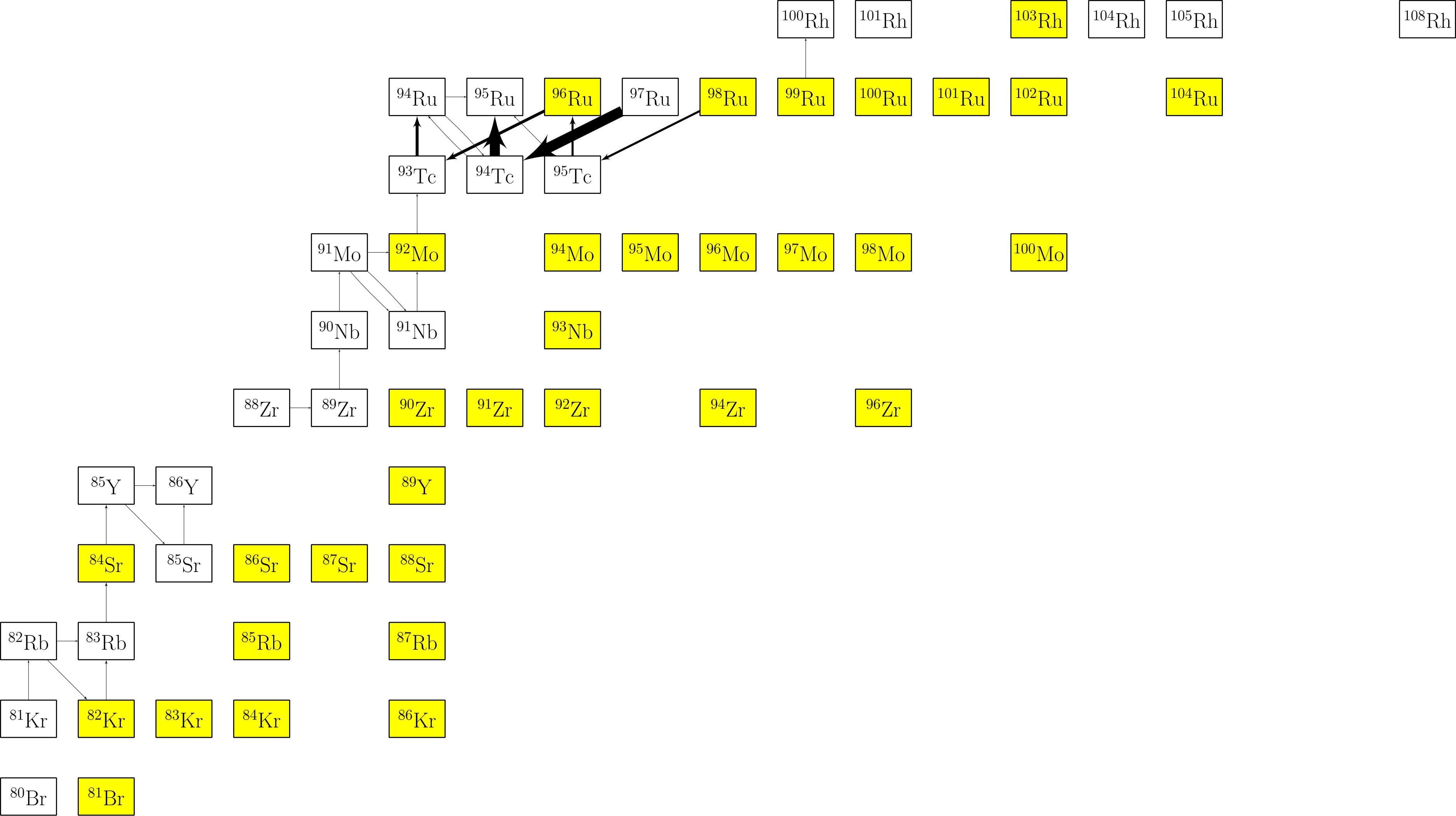




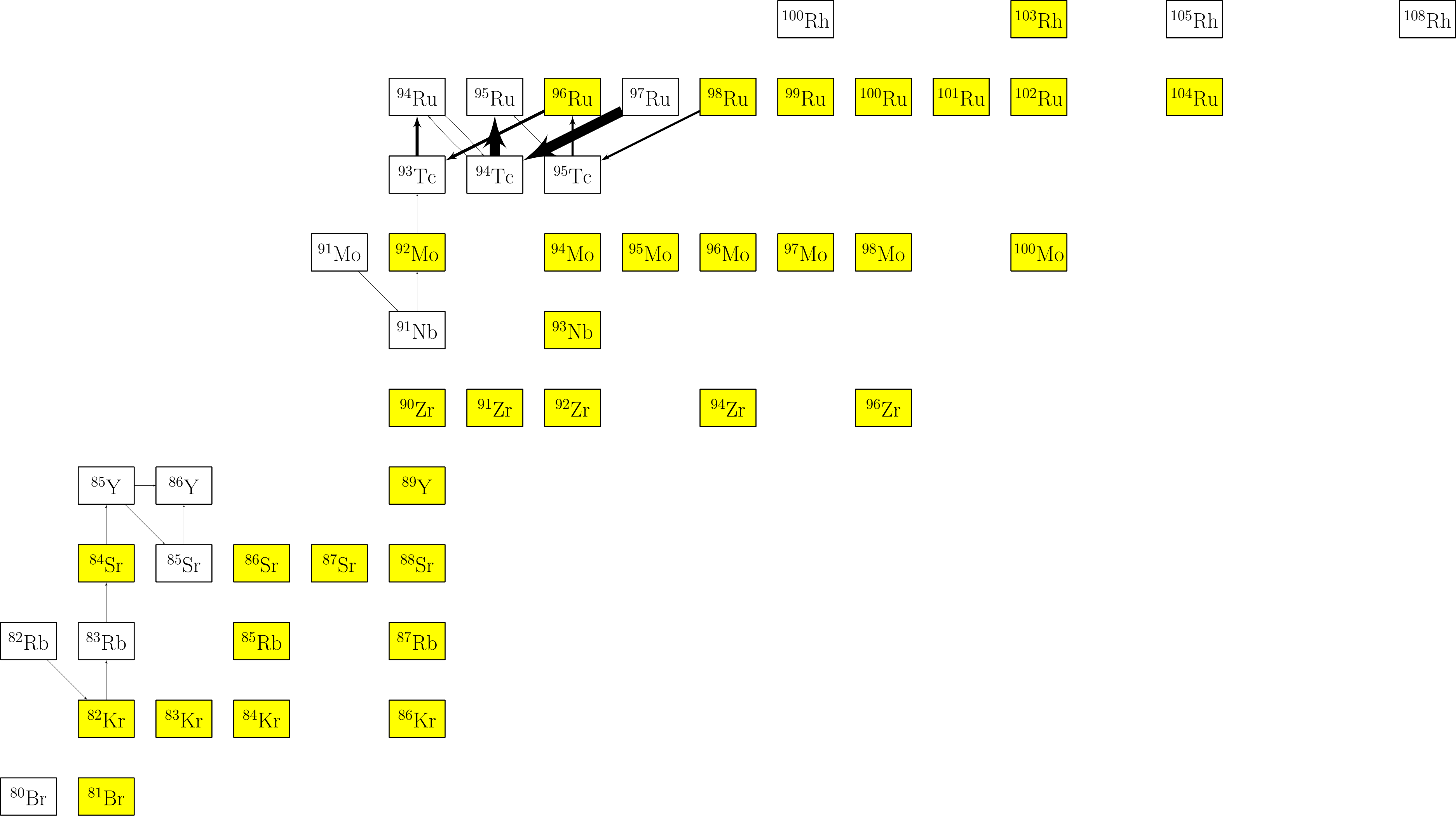
$time(s) = 12.3606$      $T_9 = 1.69429$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.25769e - 09$



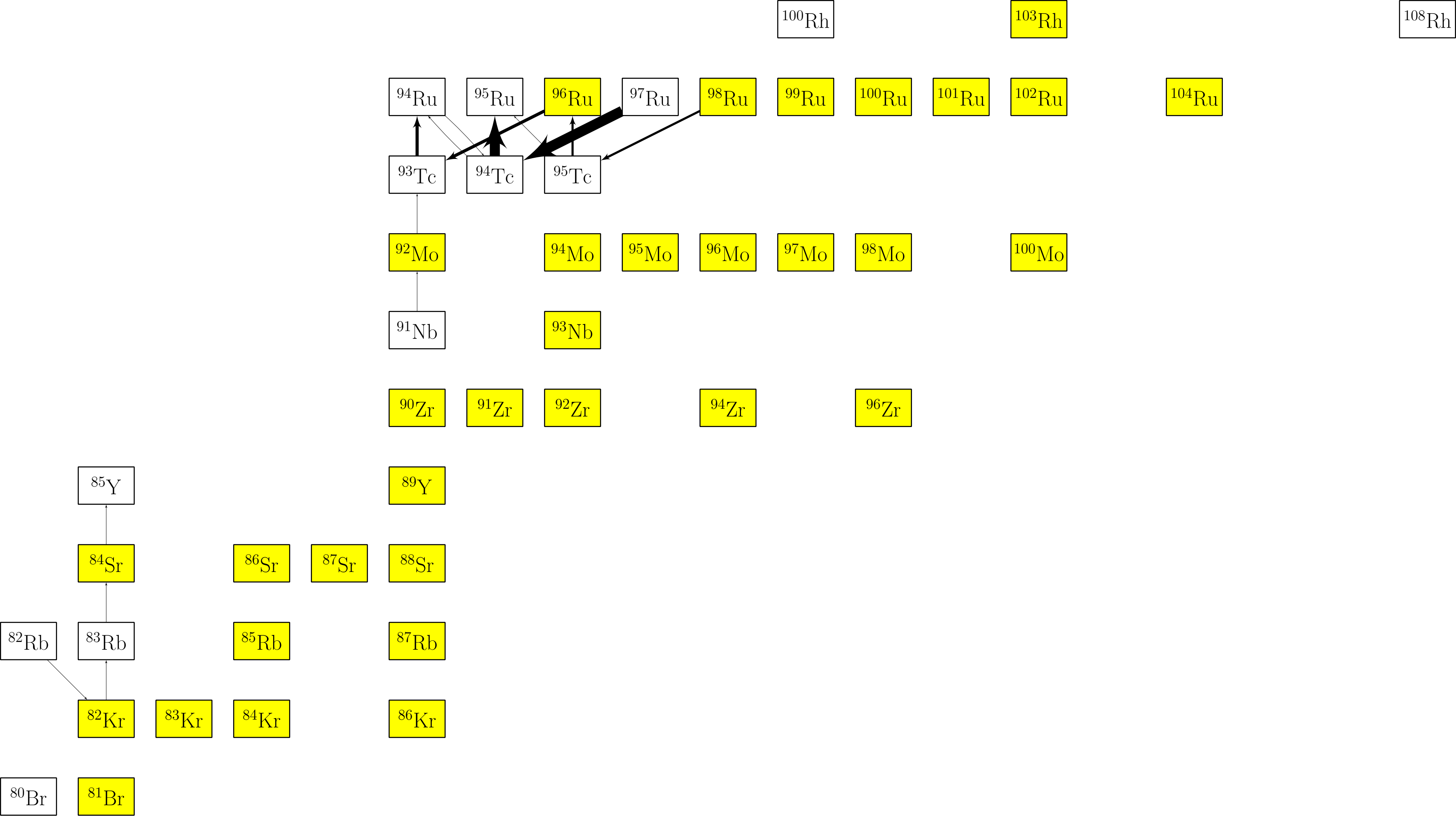
$time(s) = 12.3606$      $T_9 = 1.71922$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 7.13764e - 11$



$time(s) = 12.3606$      $T_9 = 1.74464$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.57938e - 11$

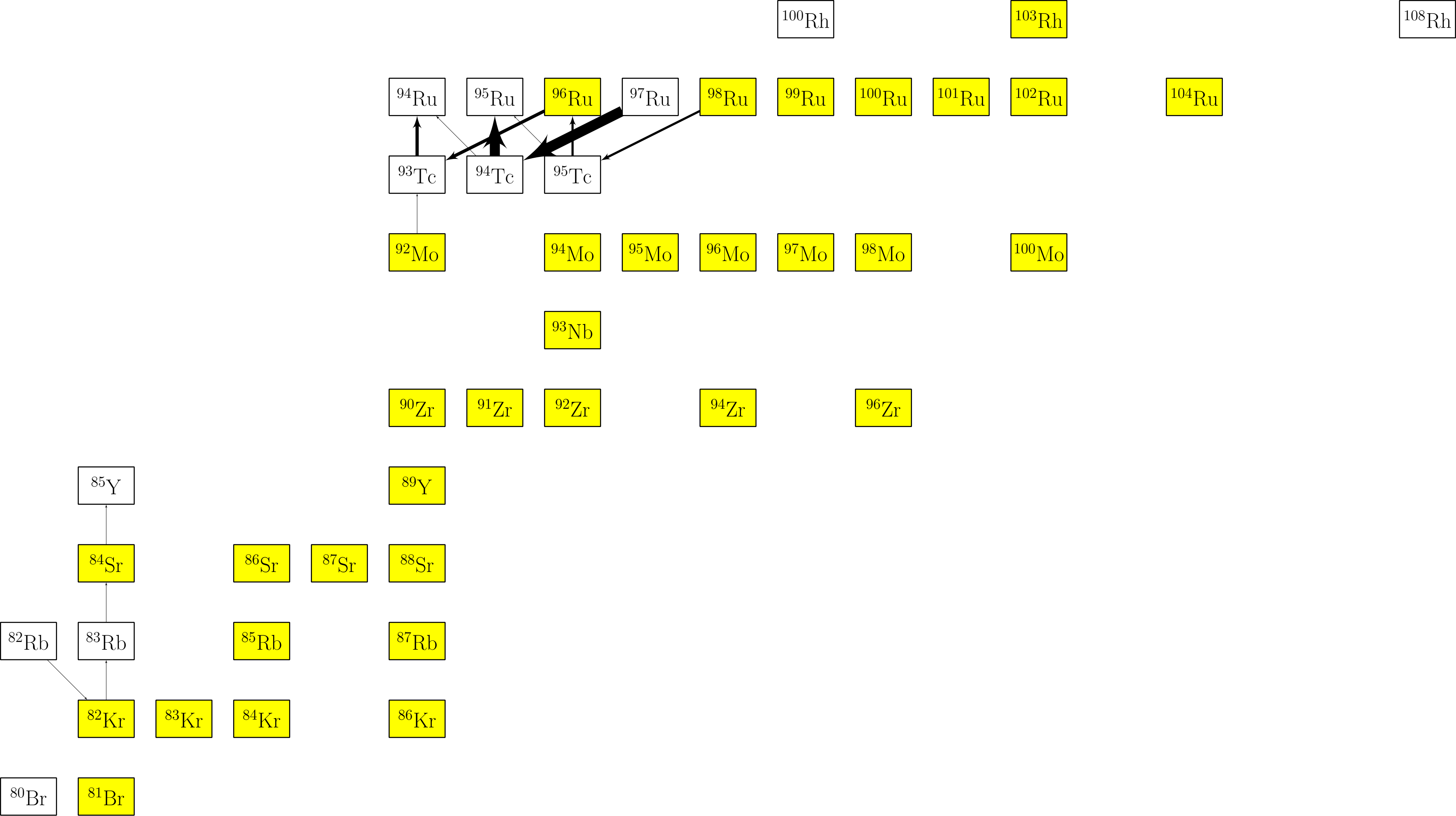


$time(s) = 12.3606$      $T_9 = 1.77307$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.33899e - 10$

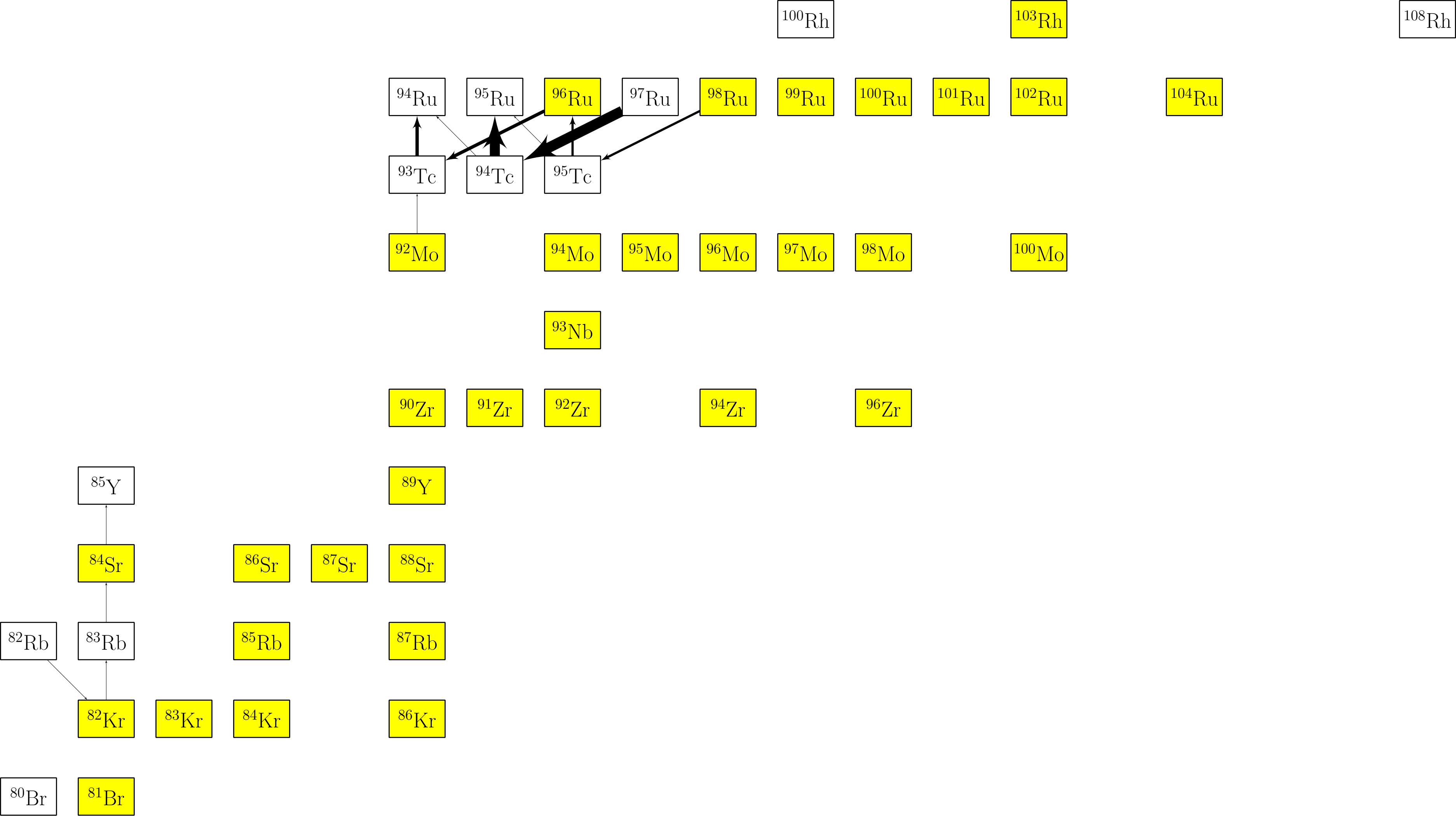


$time(s) = 12.3606$      $T_9 = 1.79887$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.80408e - 10$

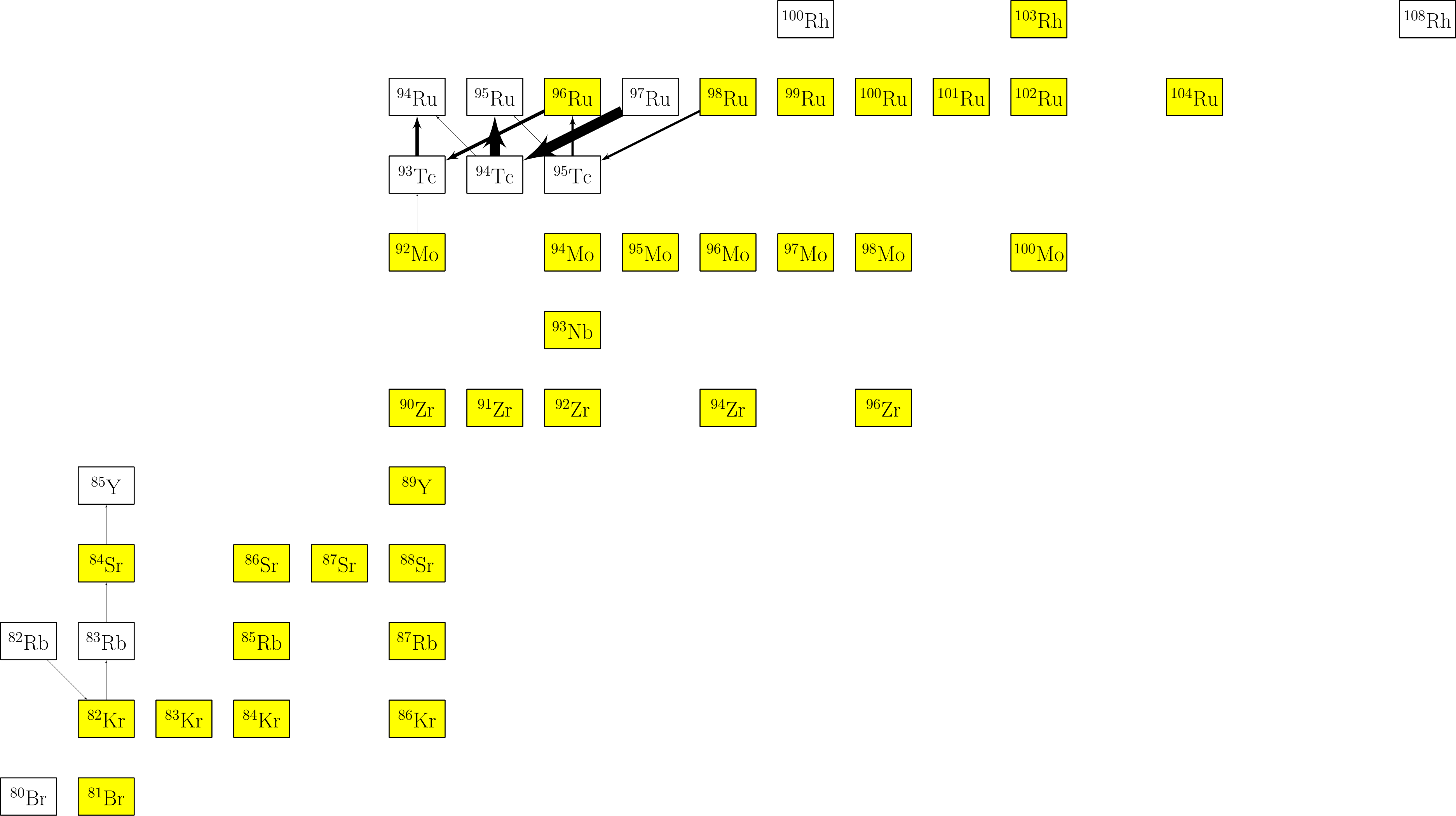




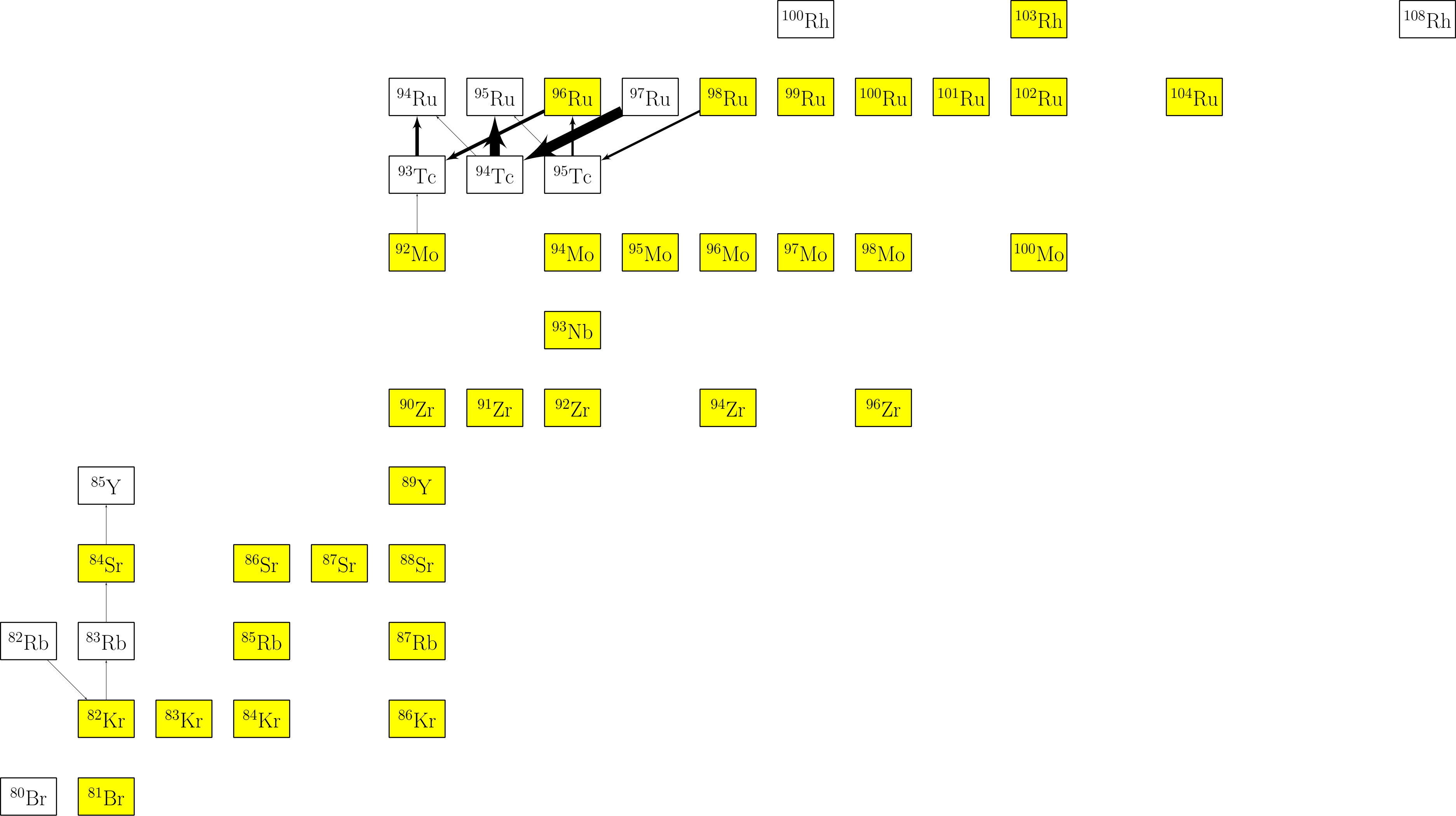
$time(s) = 12.3606$      $T_9 = 1.81975$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.28703e - 10$



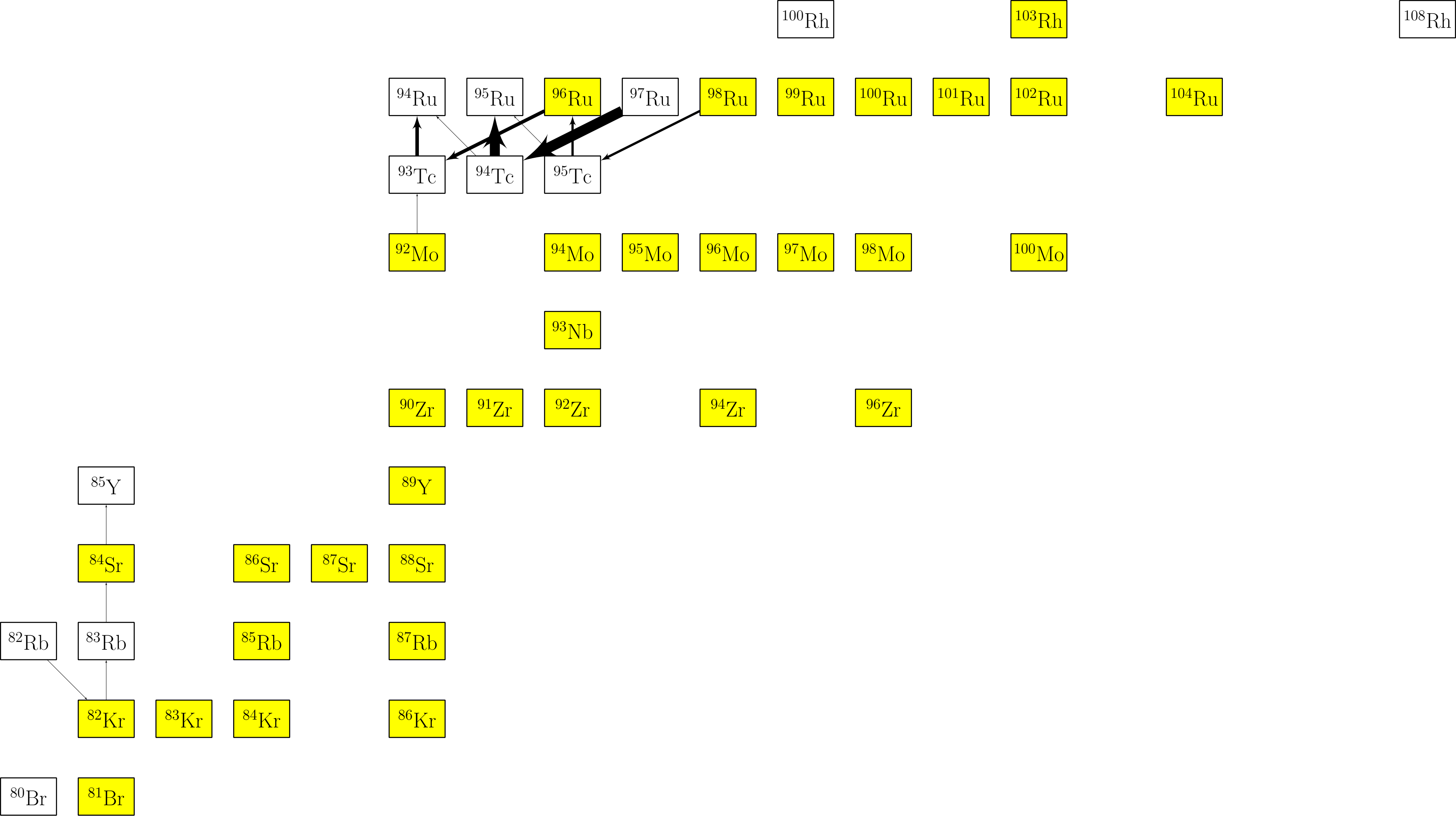
$time(s) = 12.3606$      $T_9 = 1.83728$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.78387e - 10$



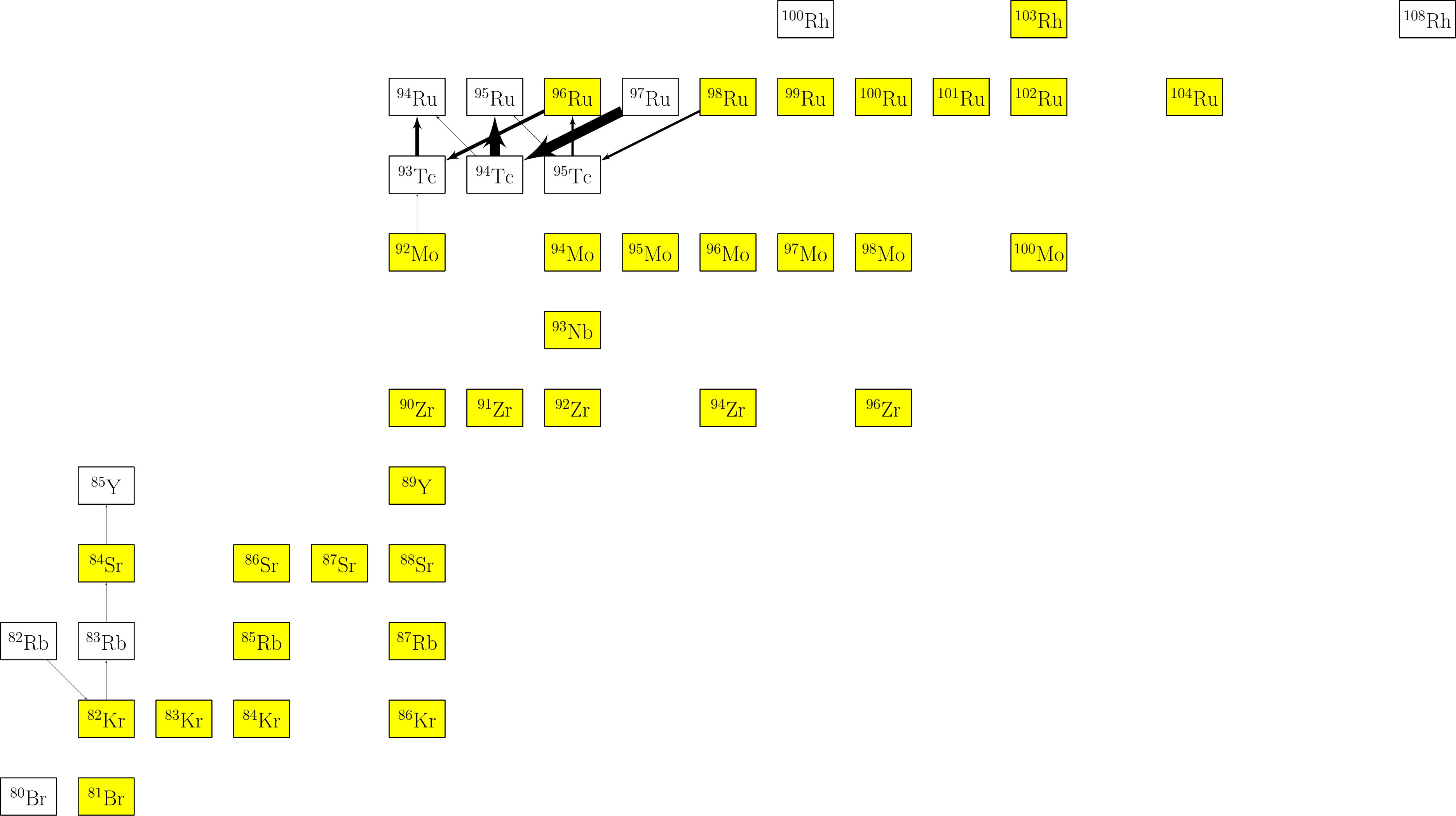
$time(s) = 12.3607$      $T_9 = 1.85234$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.28974e - 10$



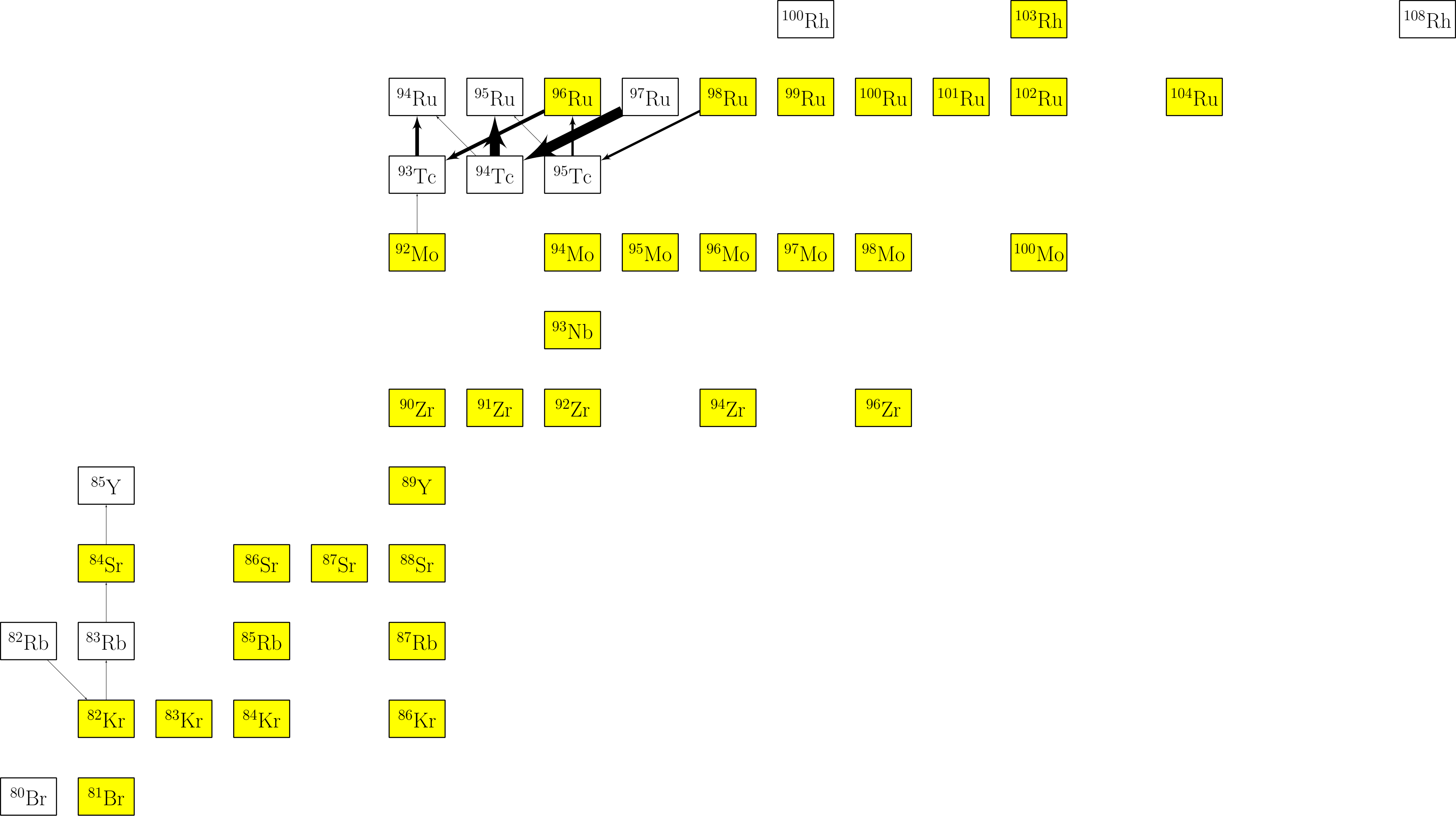
$time(s) = 12.3607$      $T_9 = 1.8655$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 3.80066e - 10$



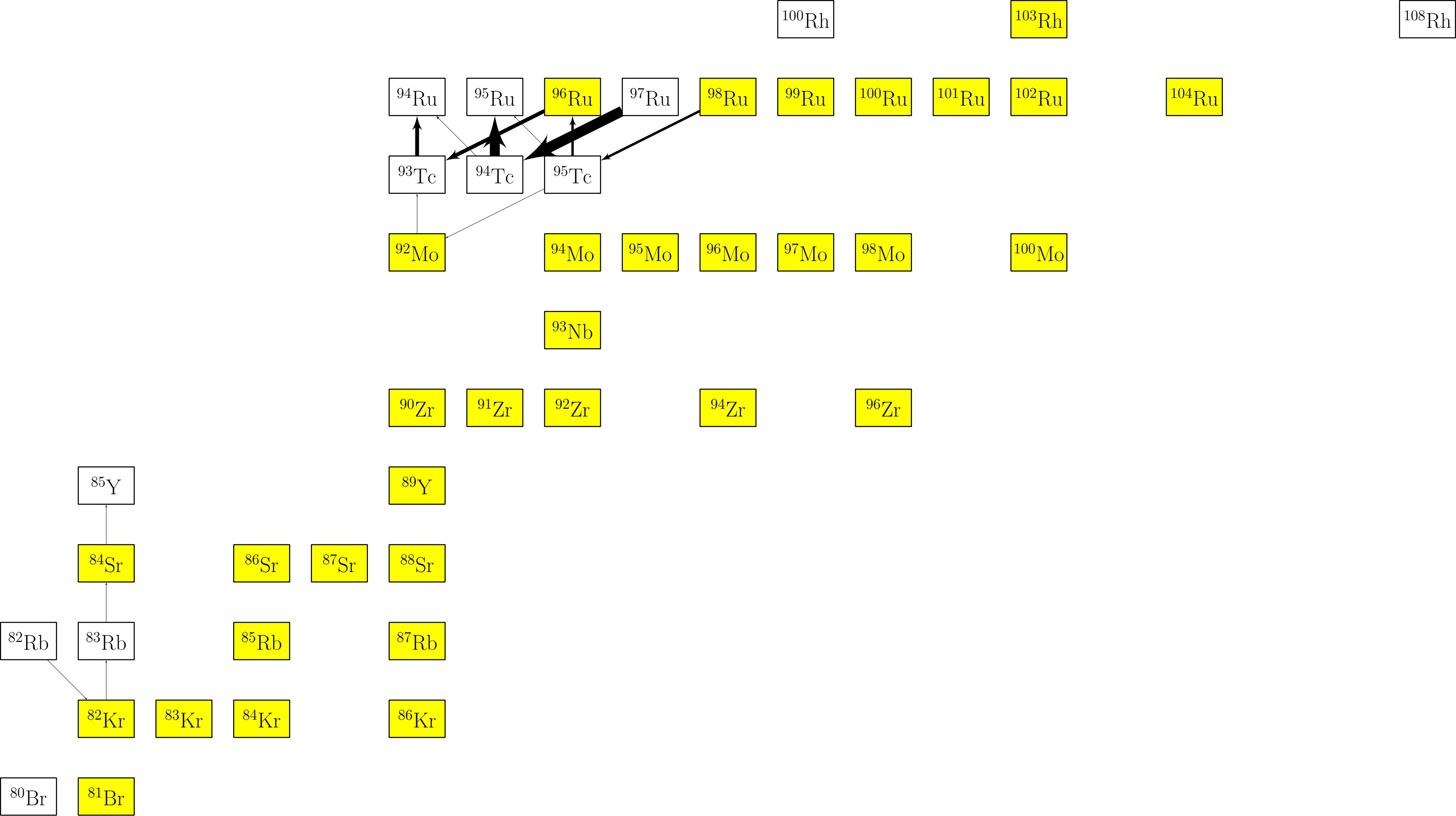
$time(s) = 12.3607$      $T_9 = 1.87714$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.31376e - 10$



$time(s) = 12.3607$      $T_9 = 1.88755$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 4.82726e - 10$

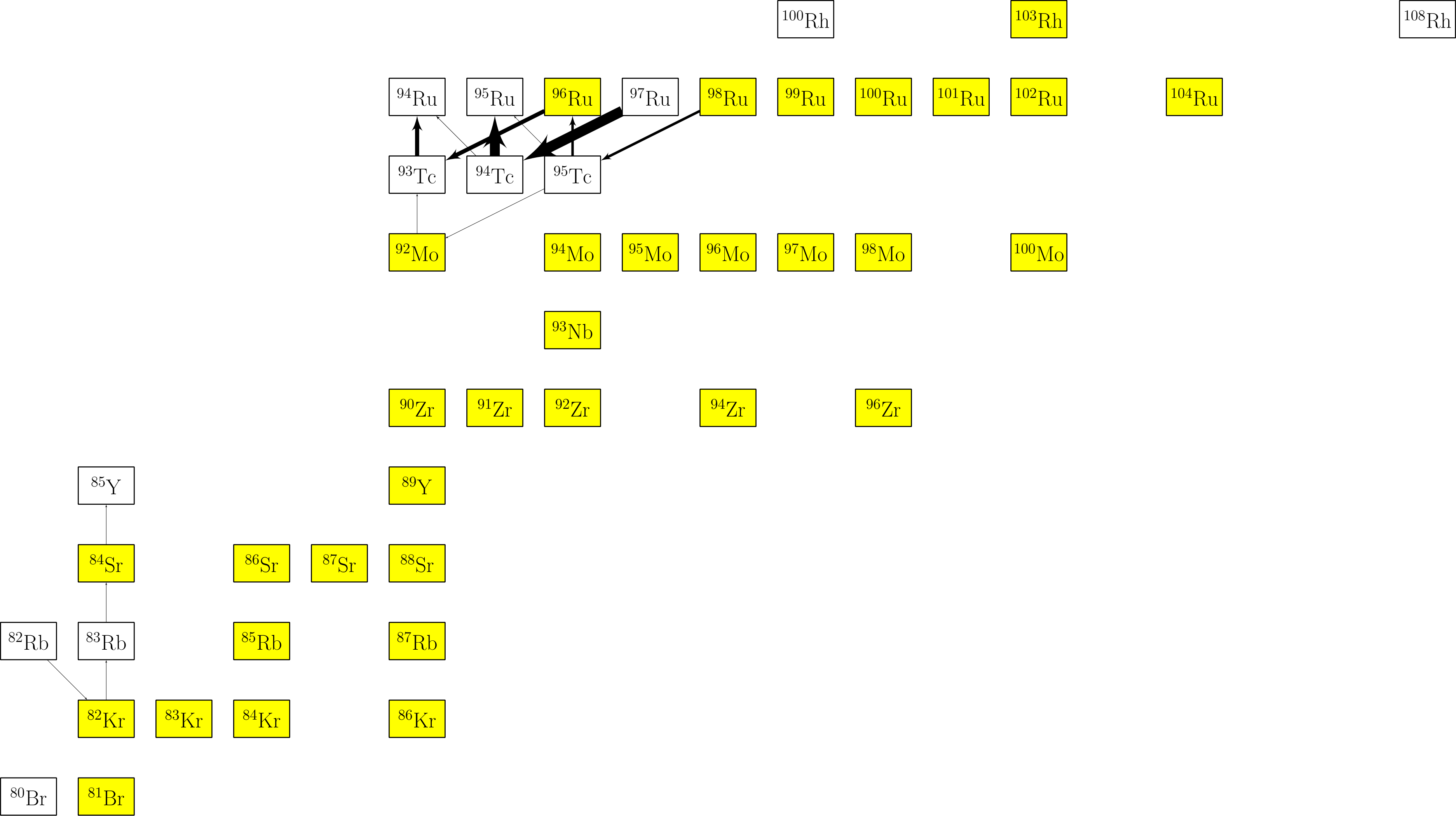


$time(s) = 12.3607$      $T_9 = 1.90512$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 5.82515e - 10$

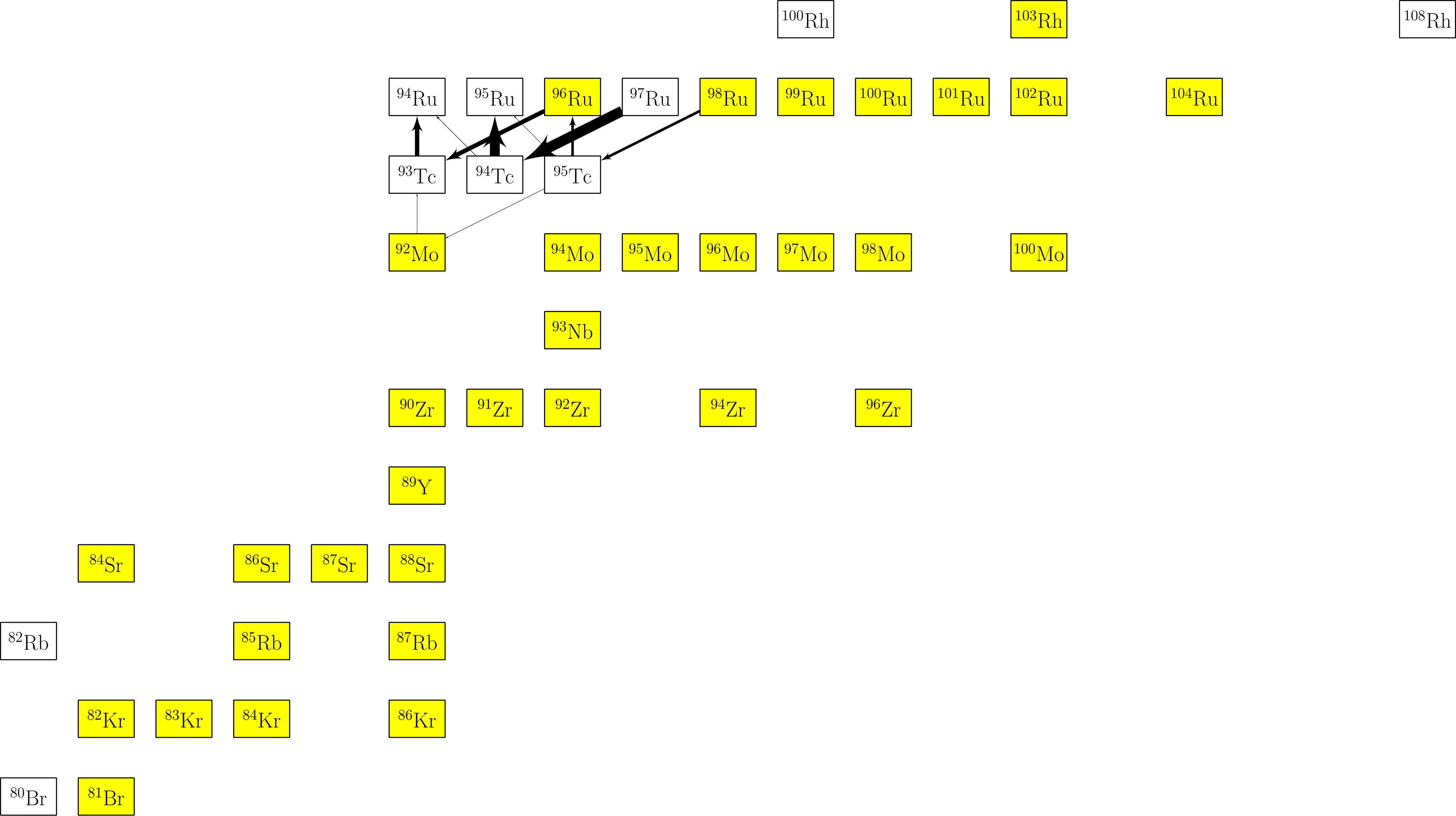


$time(s) = 12.3608$      $T_9 = 1.94799$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.12722e - 10$

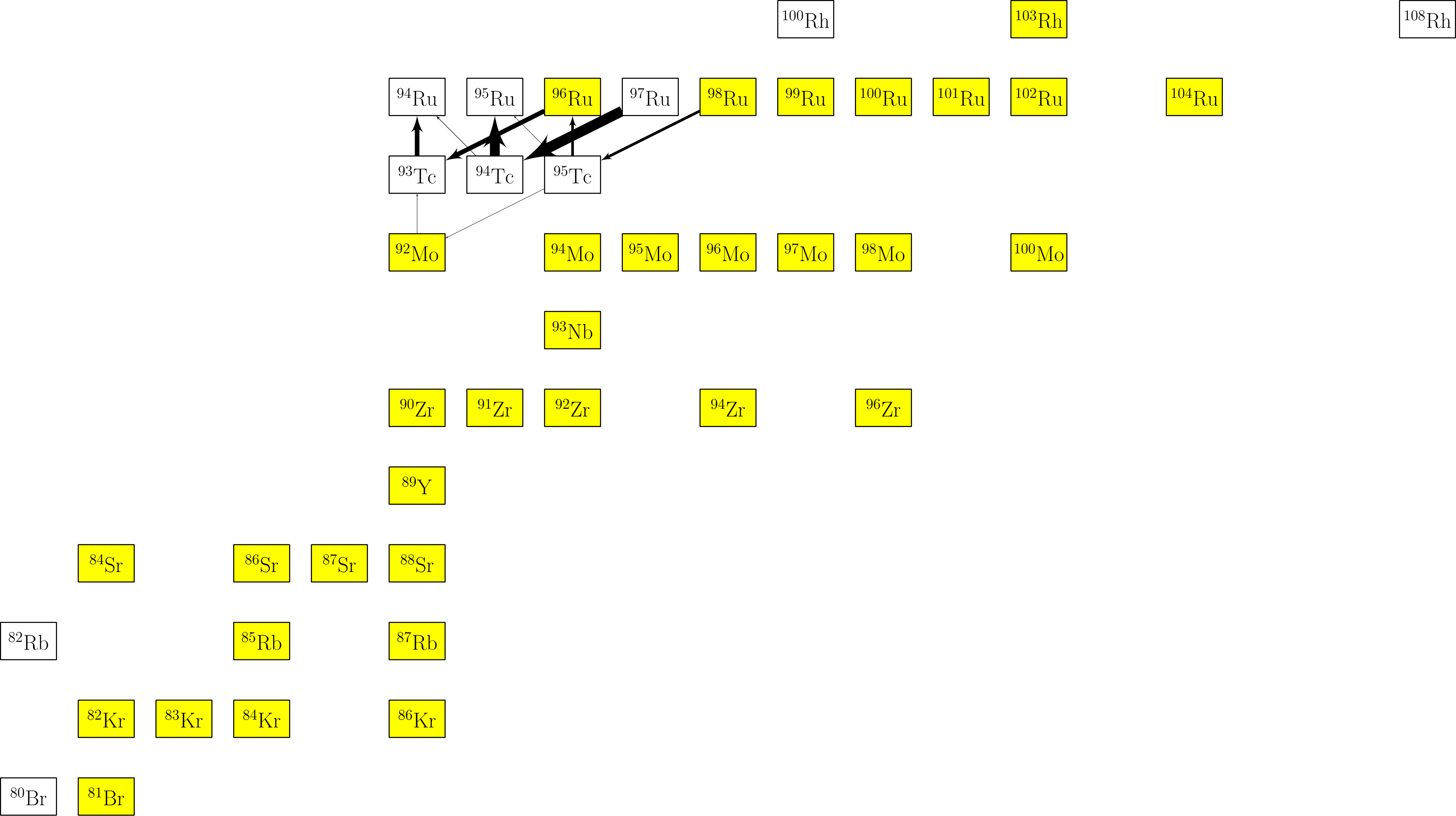


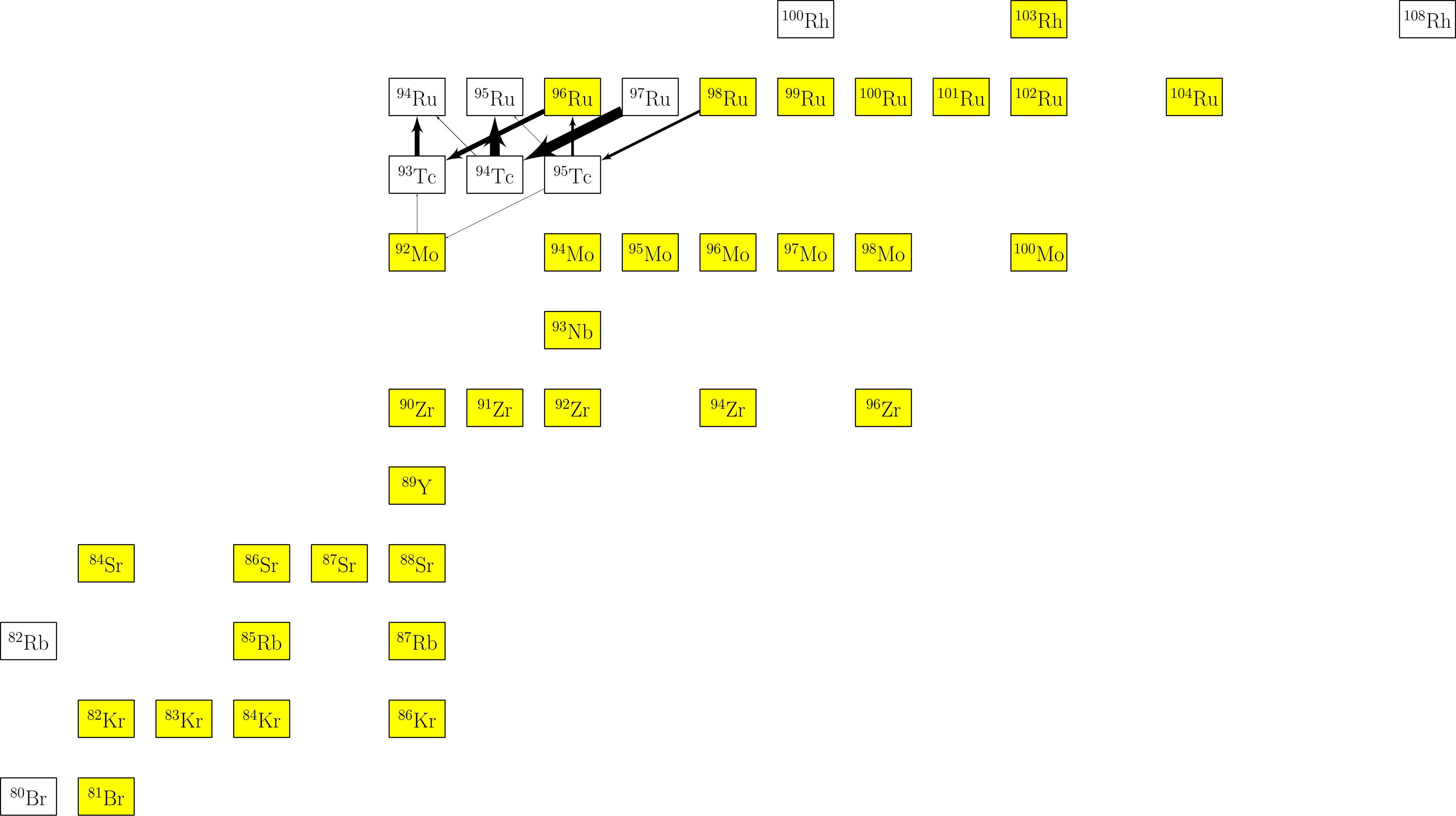


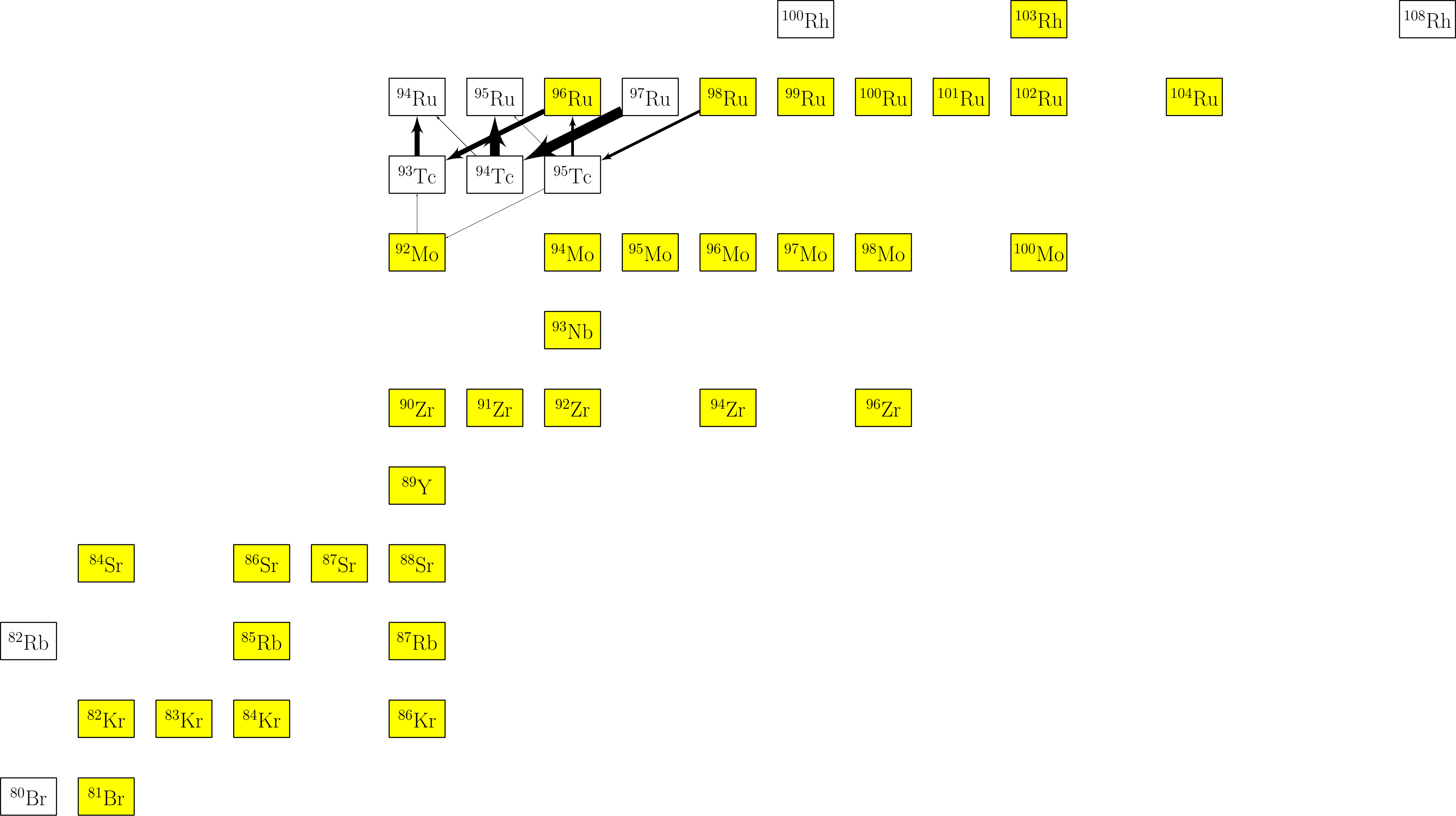
$time(s) = 12.3608$      $T_9 = 1.99735$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.50624e - 09$



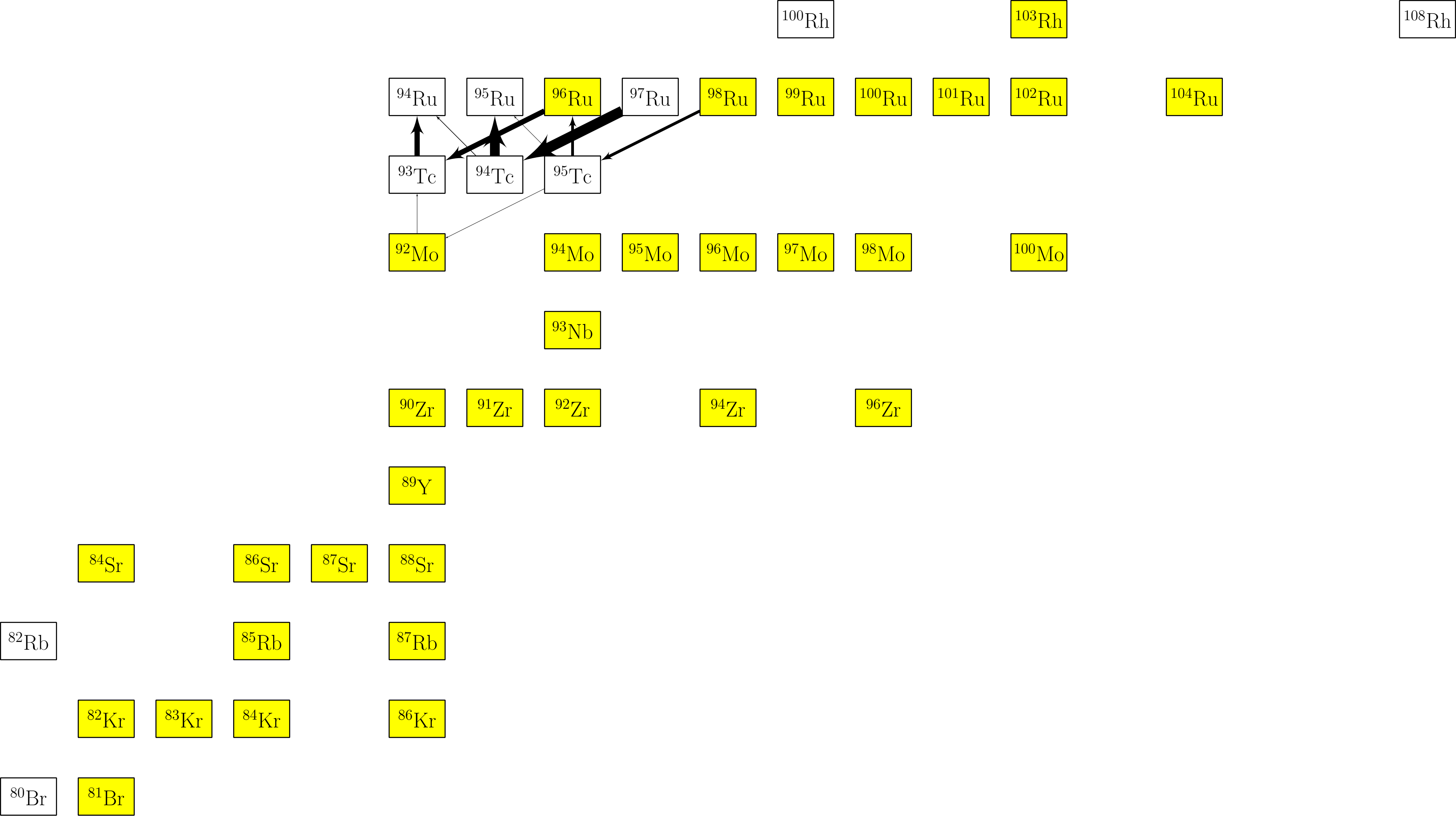
$time(s) = 12.3609$      $T_9 = 2.04231$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.34276e - 09$



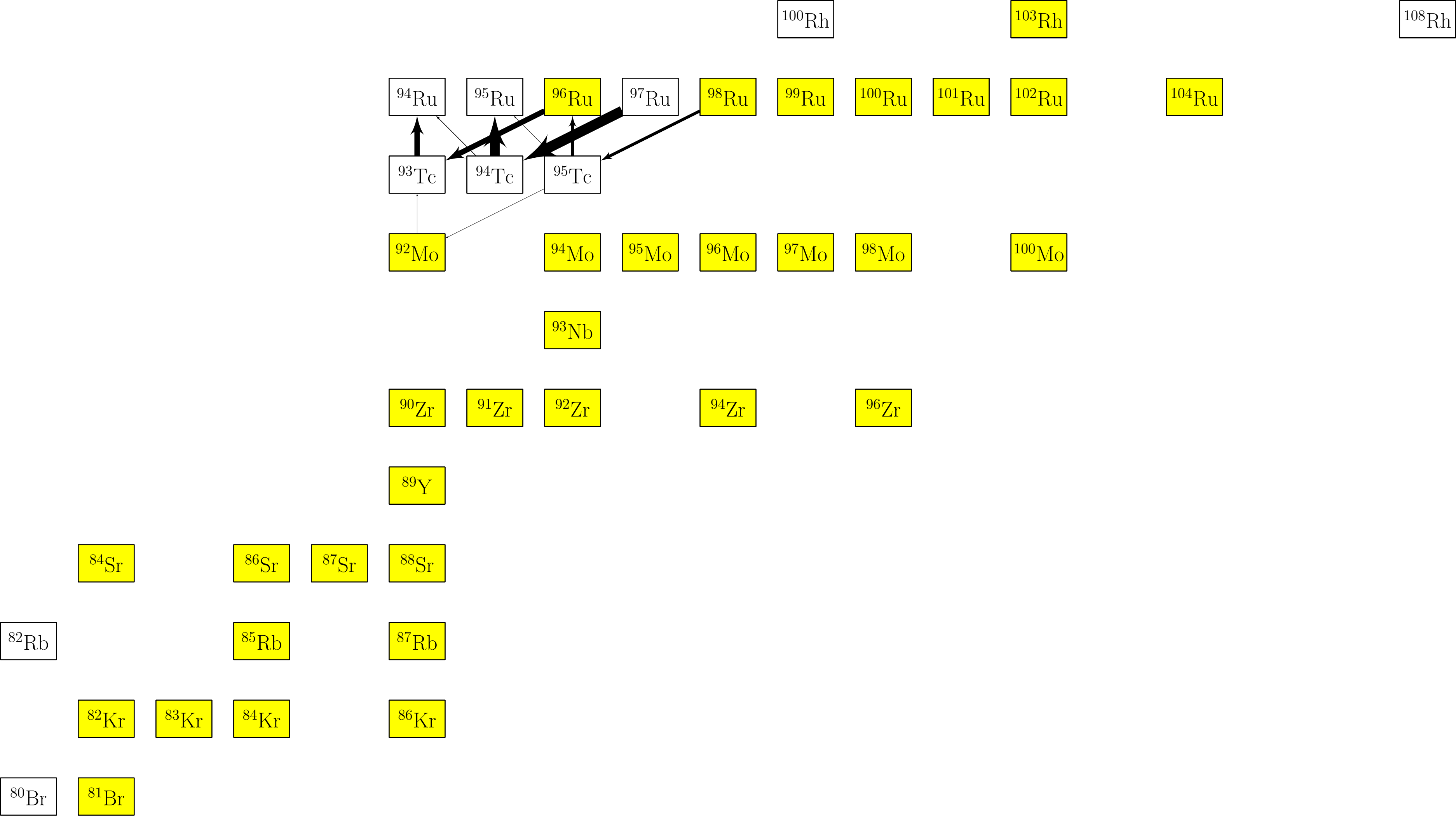




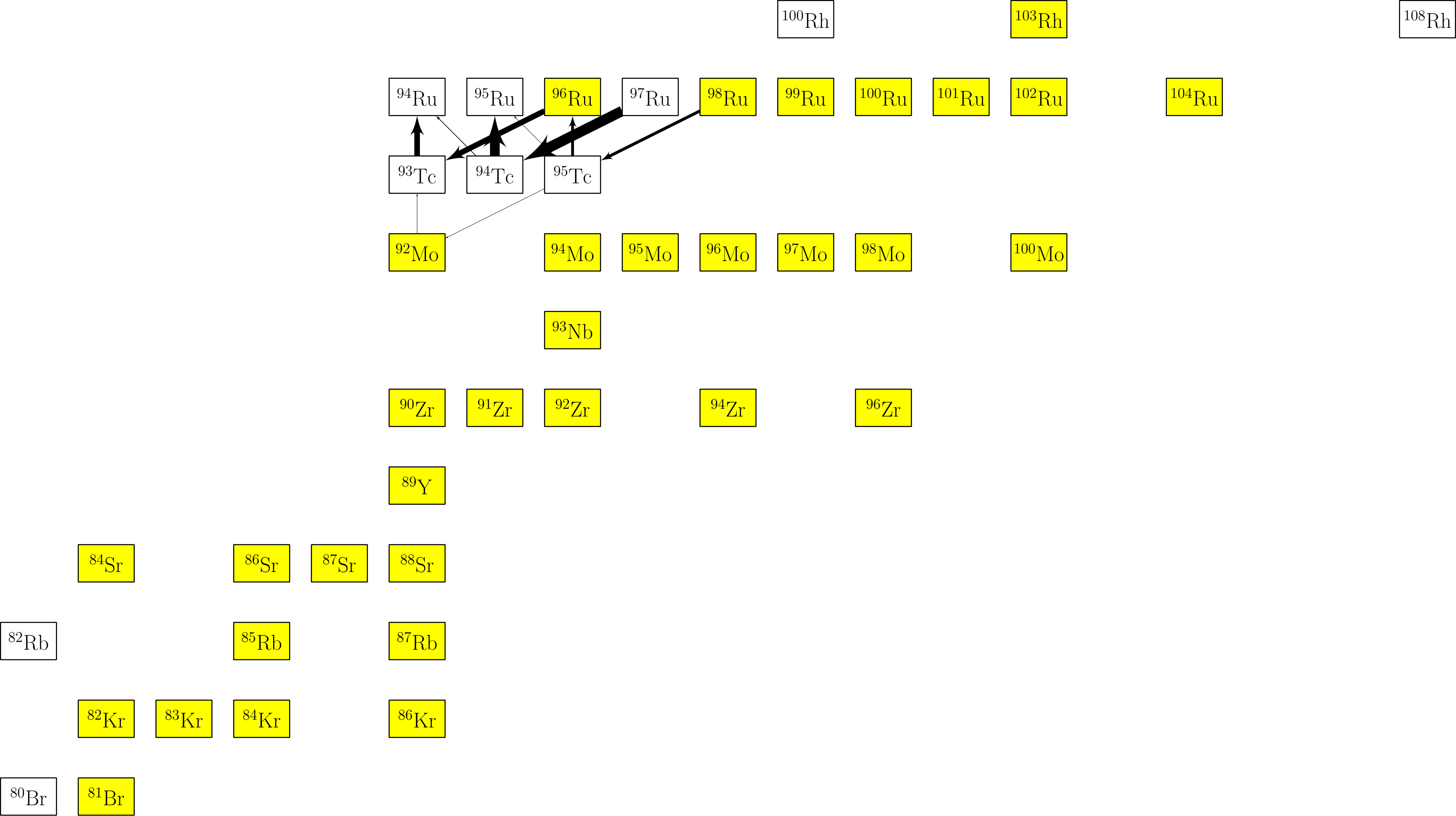
$time(s) = 12.361$     $T_9 = 2.15818$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 6.86715e - 09$



$time(s) = 12.3611$      $T_9 = 2.18559$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 8.73075e - 09$

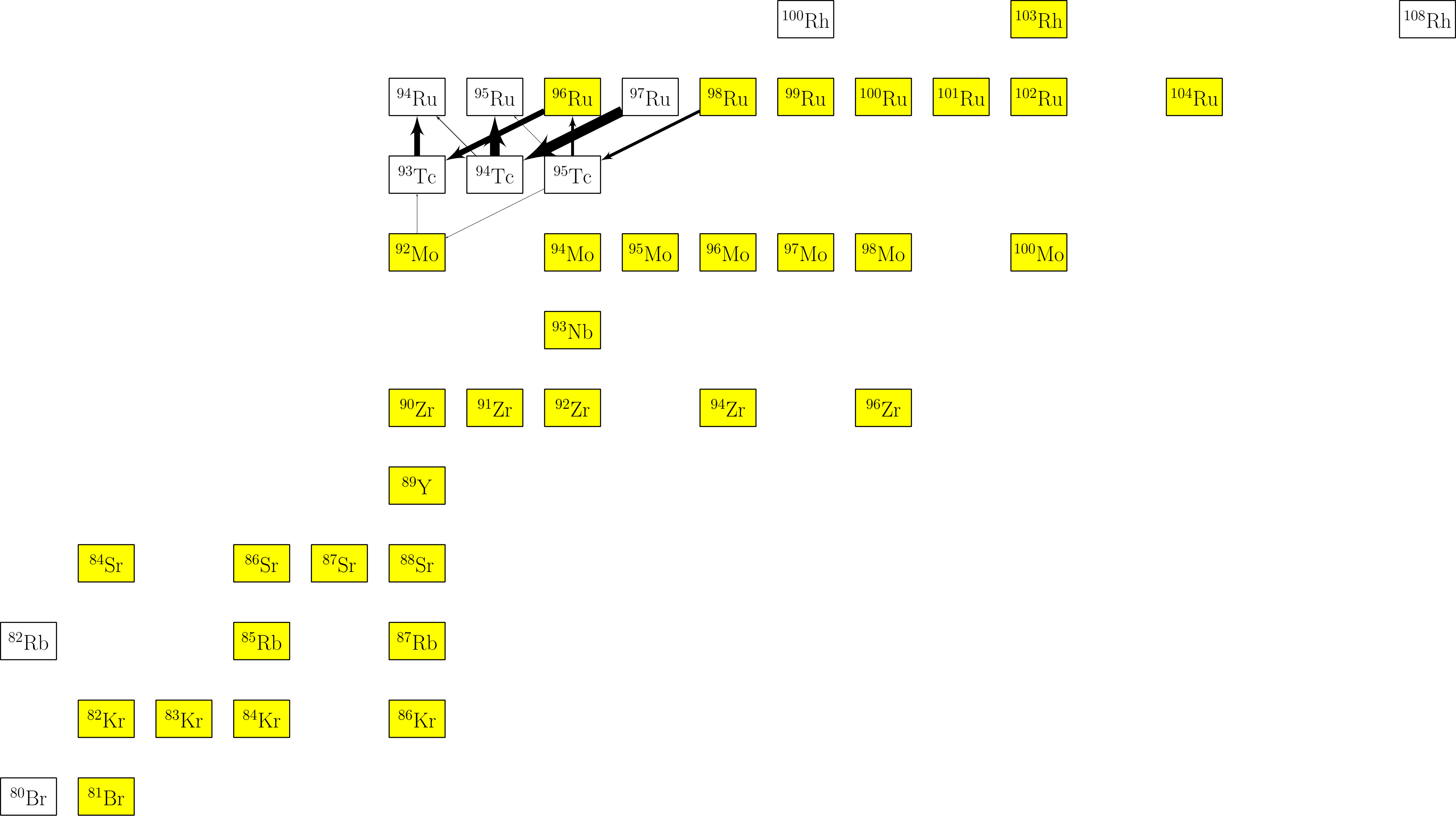


$time(s) = 12.3611$      $T_9 = 2.20786$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.05594e - 08$

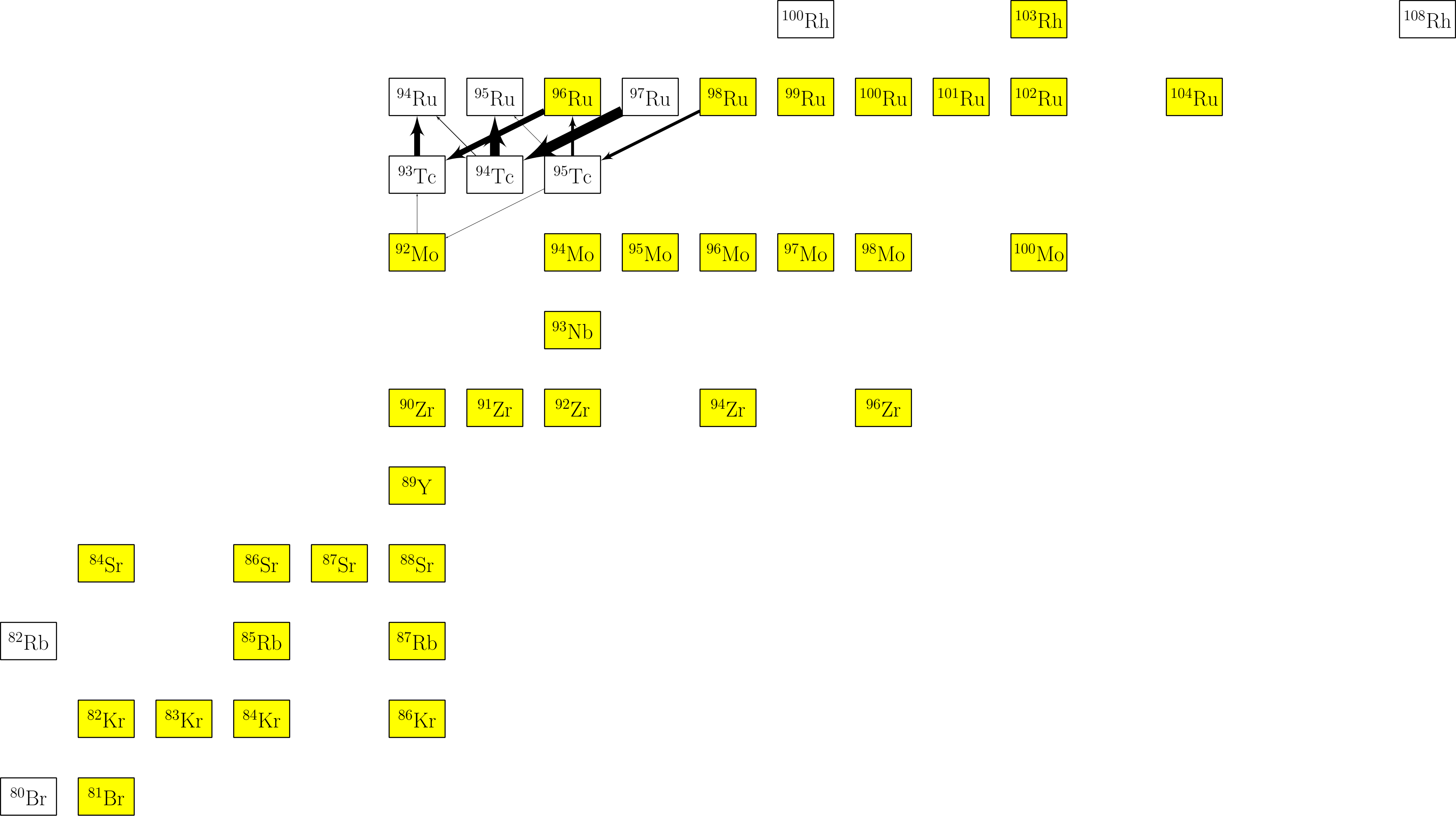


$time(s) = 12.3611$      $T_9 = 2.22602$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.22794e - 08$

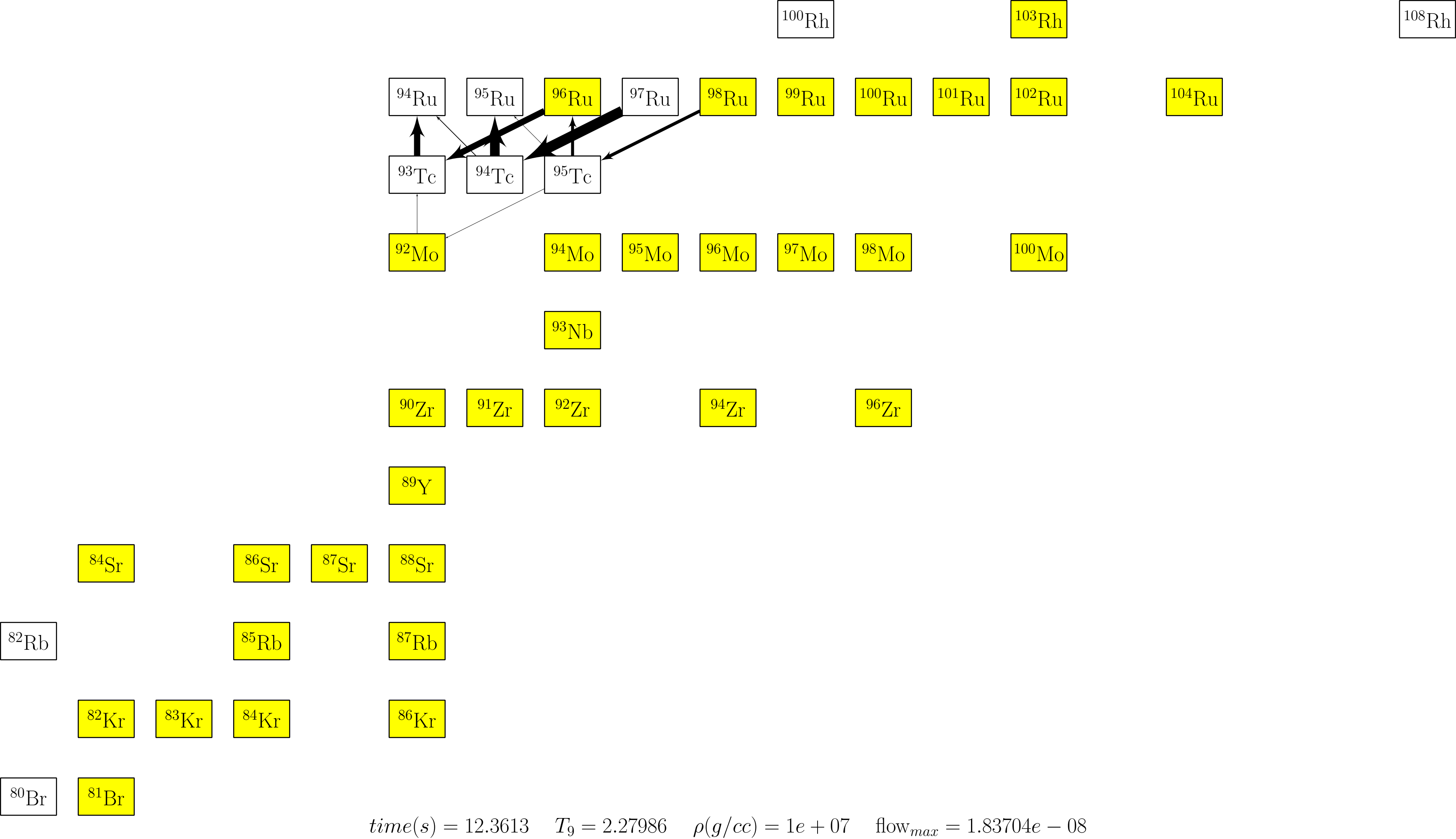


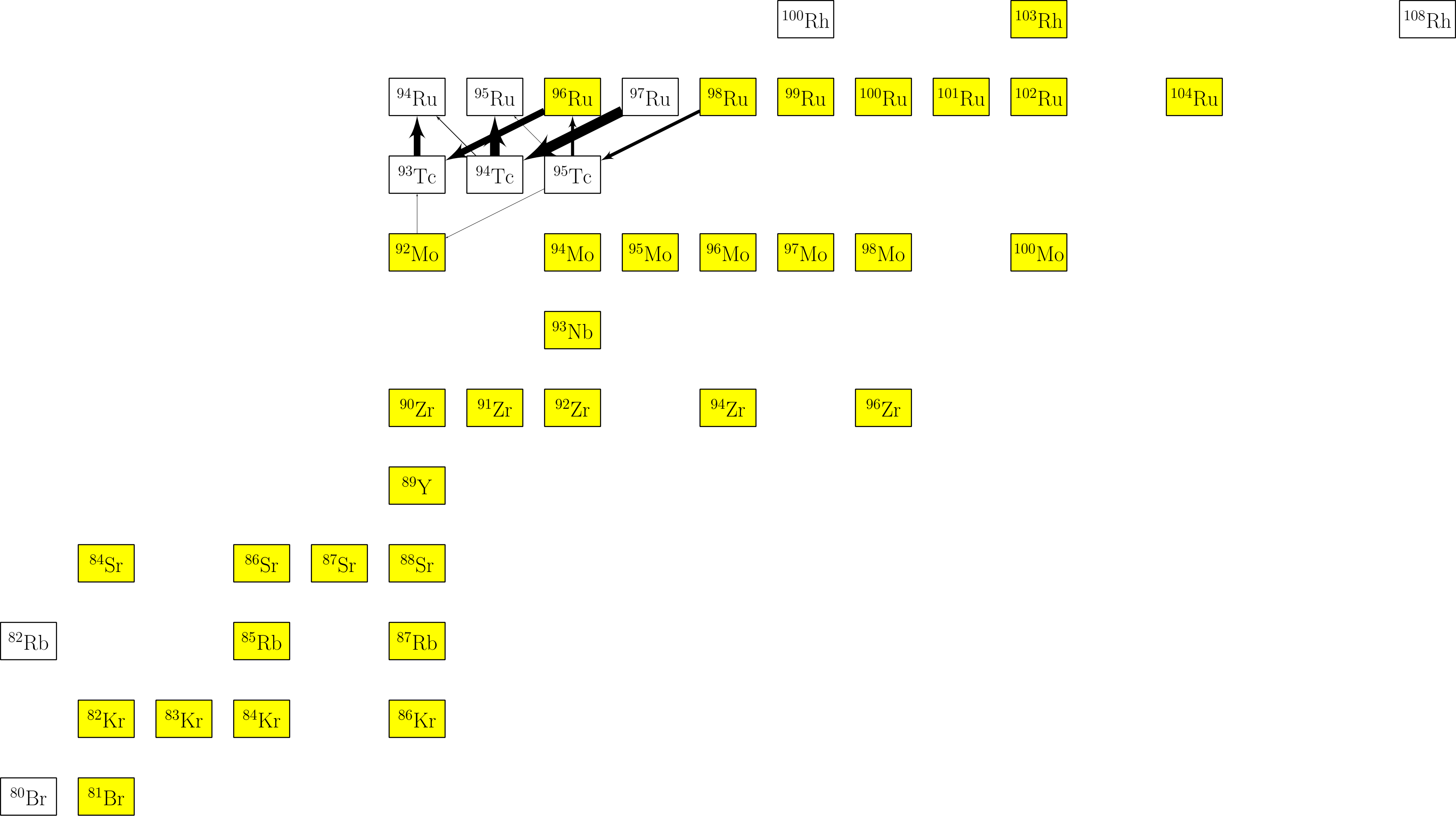


$time(s) = 12.3612$      $T_9 = 2.24091$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.38477e - 08$

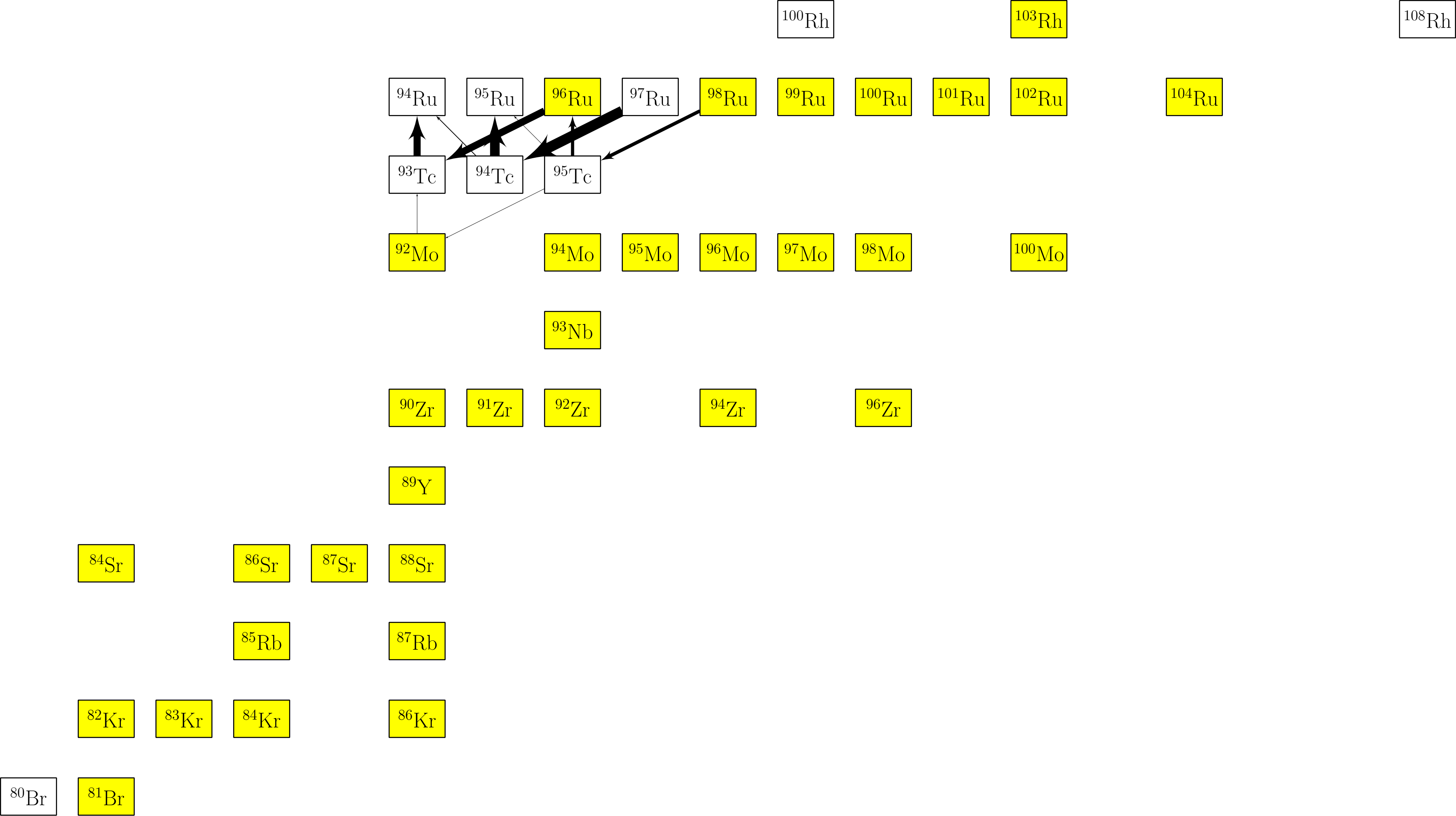


$time(s) = 12.3612$      $T_9 = 2.25419$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.53524e - 08$

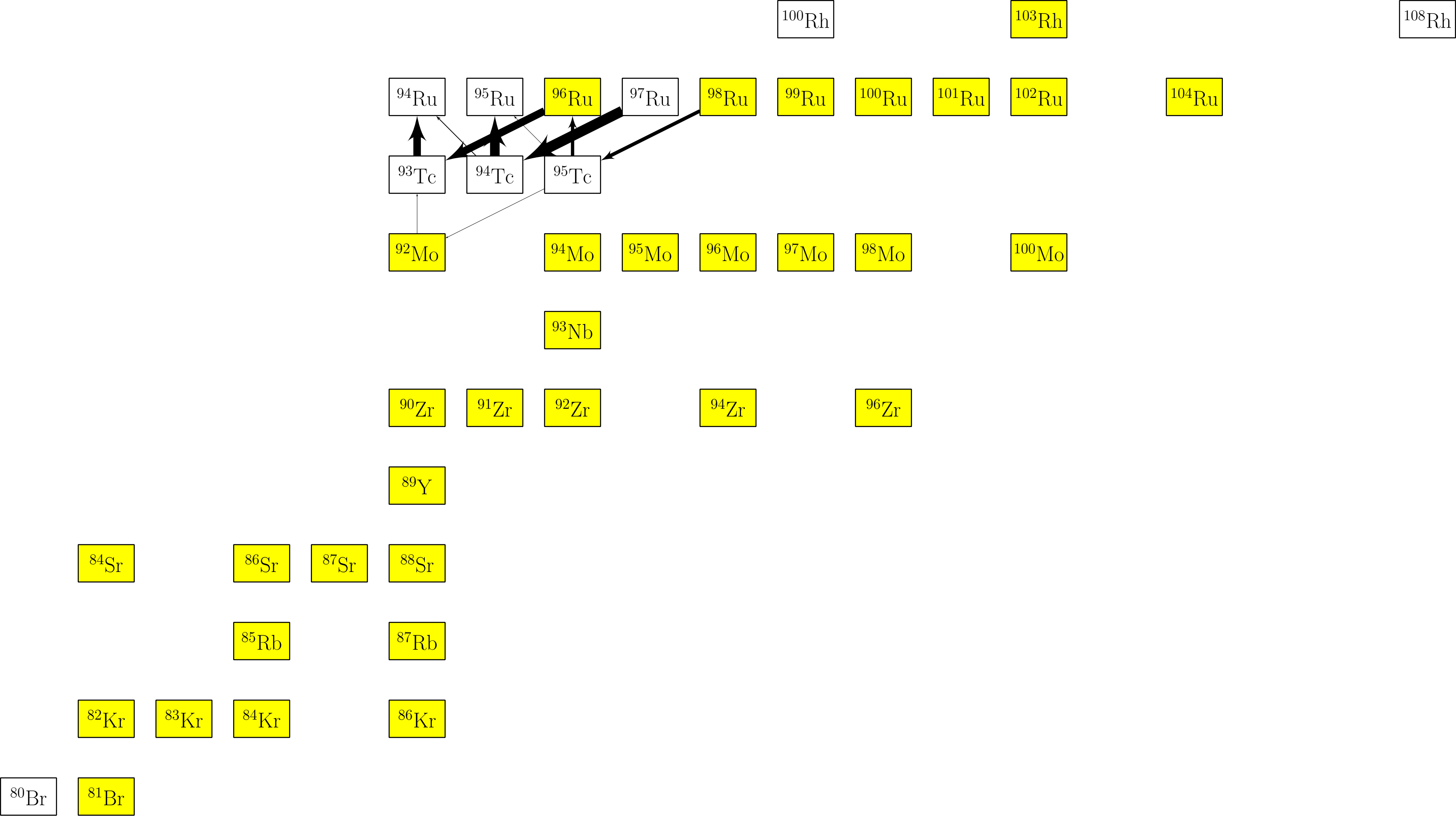




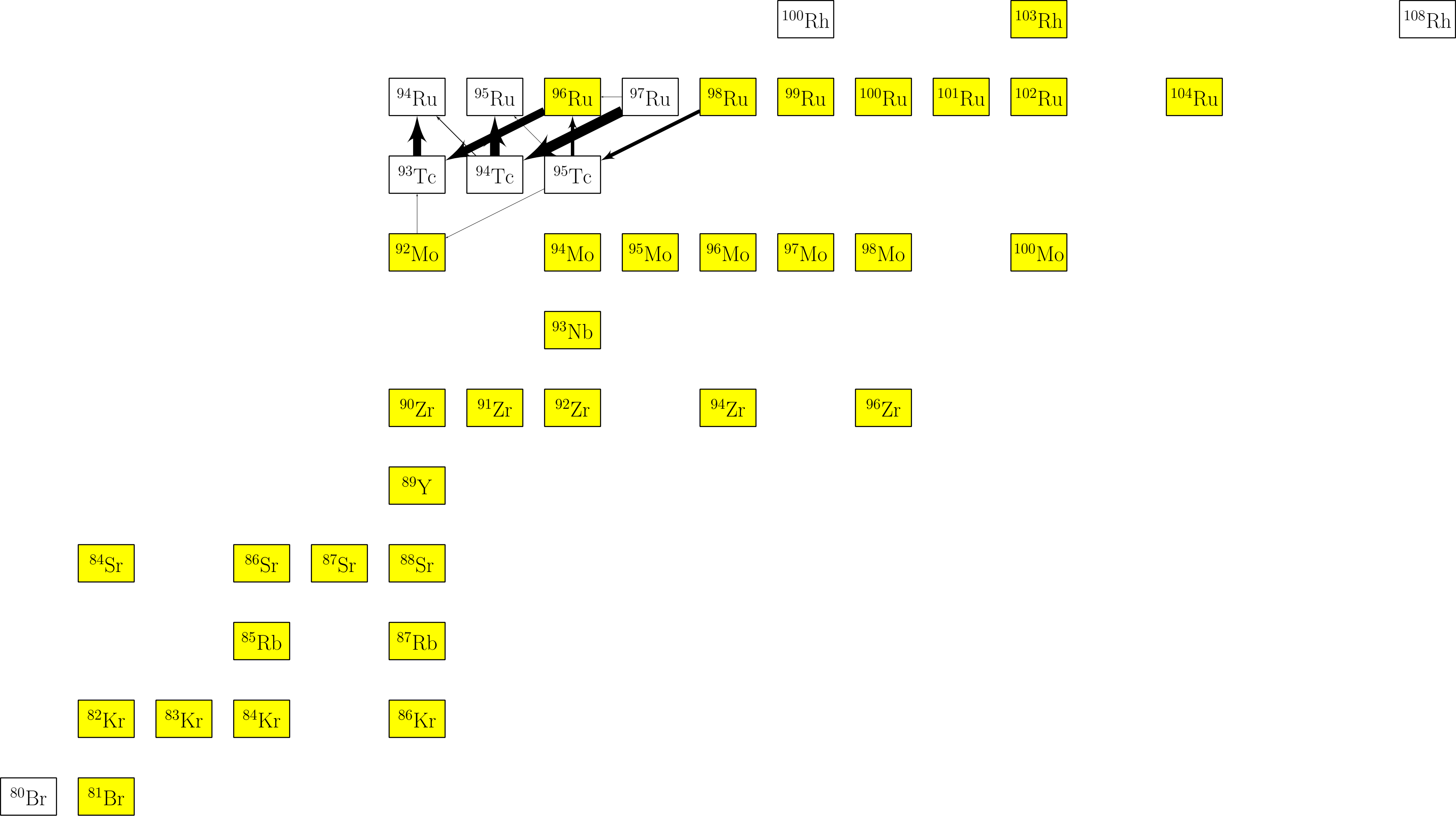
$time(s) = 12.3614$     $T_9 = 2.2968$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 1.99385e - 08$



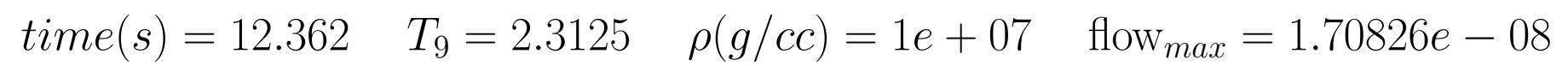
$time(s) = 12.3616$      $T_9 = 2.30423$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.98384e - 08$



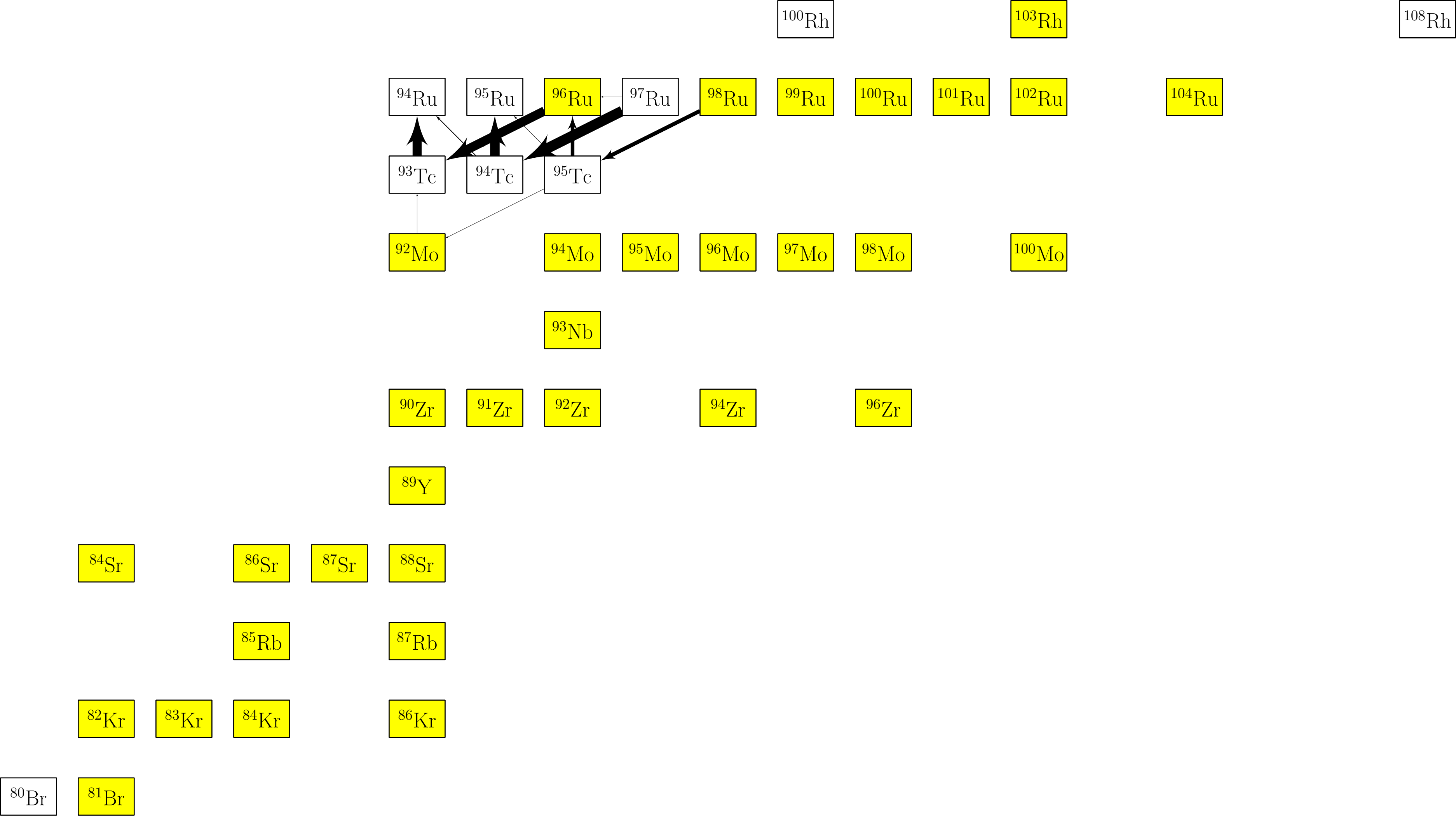
$time(s) = 12.3617 \quad T_9 = 2.308 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 1.90744e - 08$



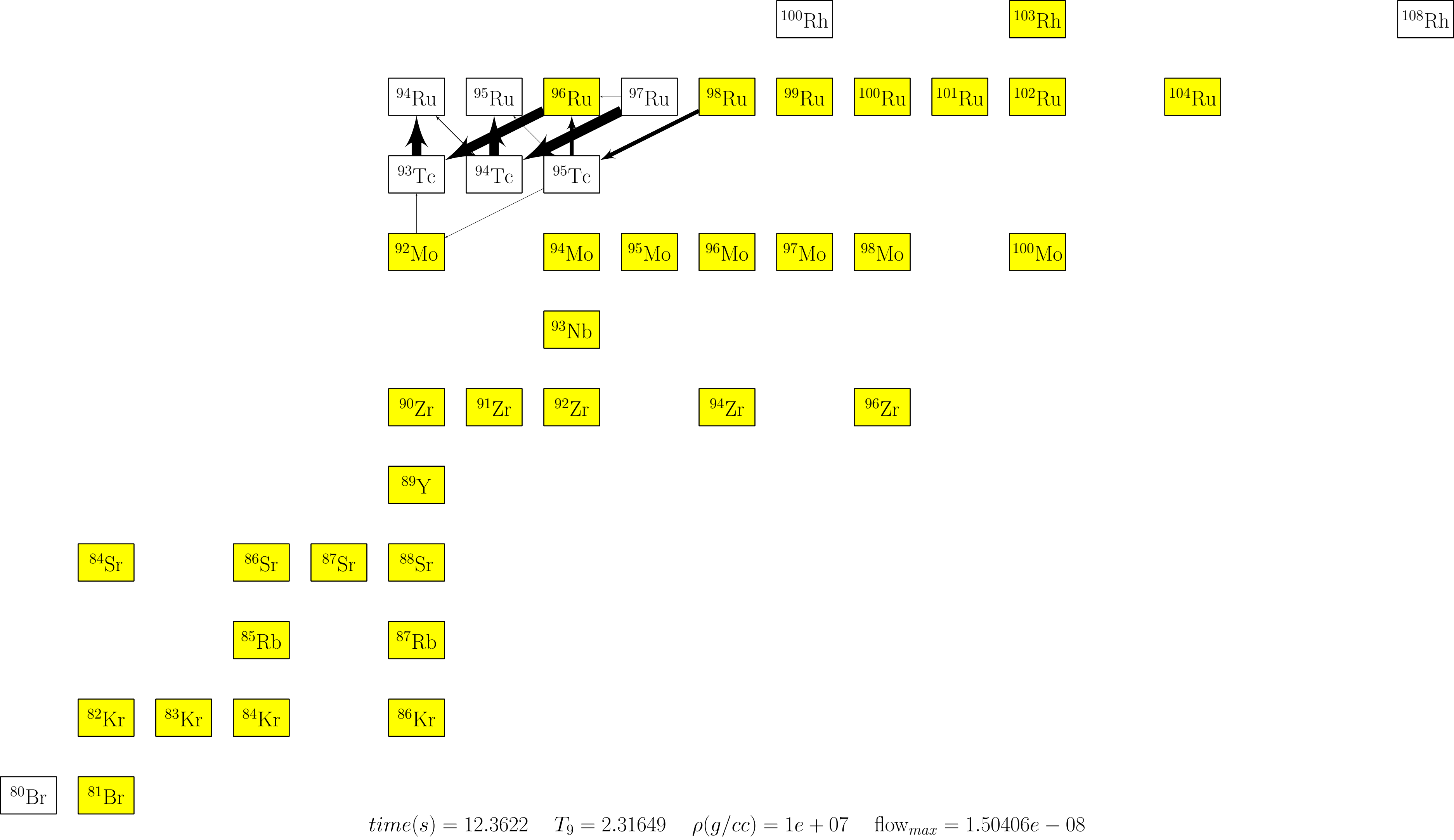
$time(s) = 12.3618$      $T_9 = 2.31046$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.81011e - 08$

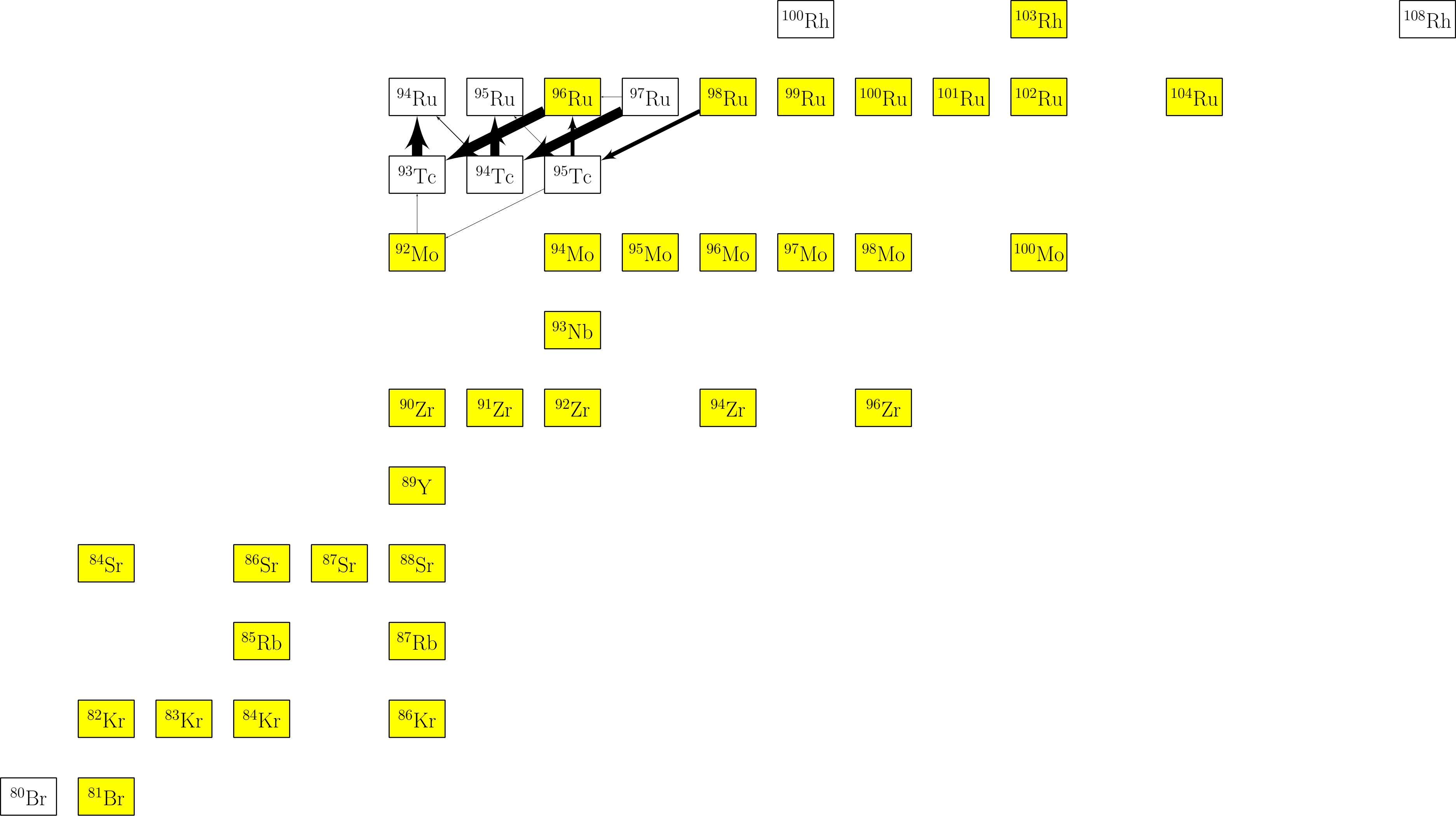




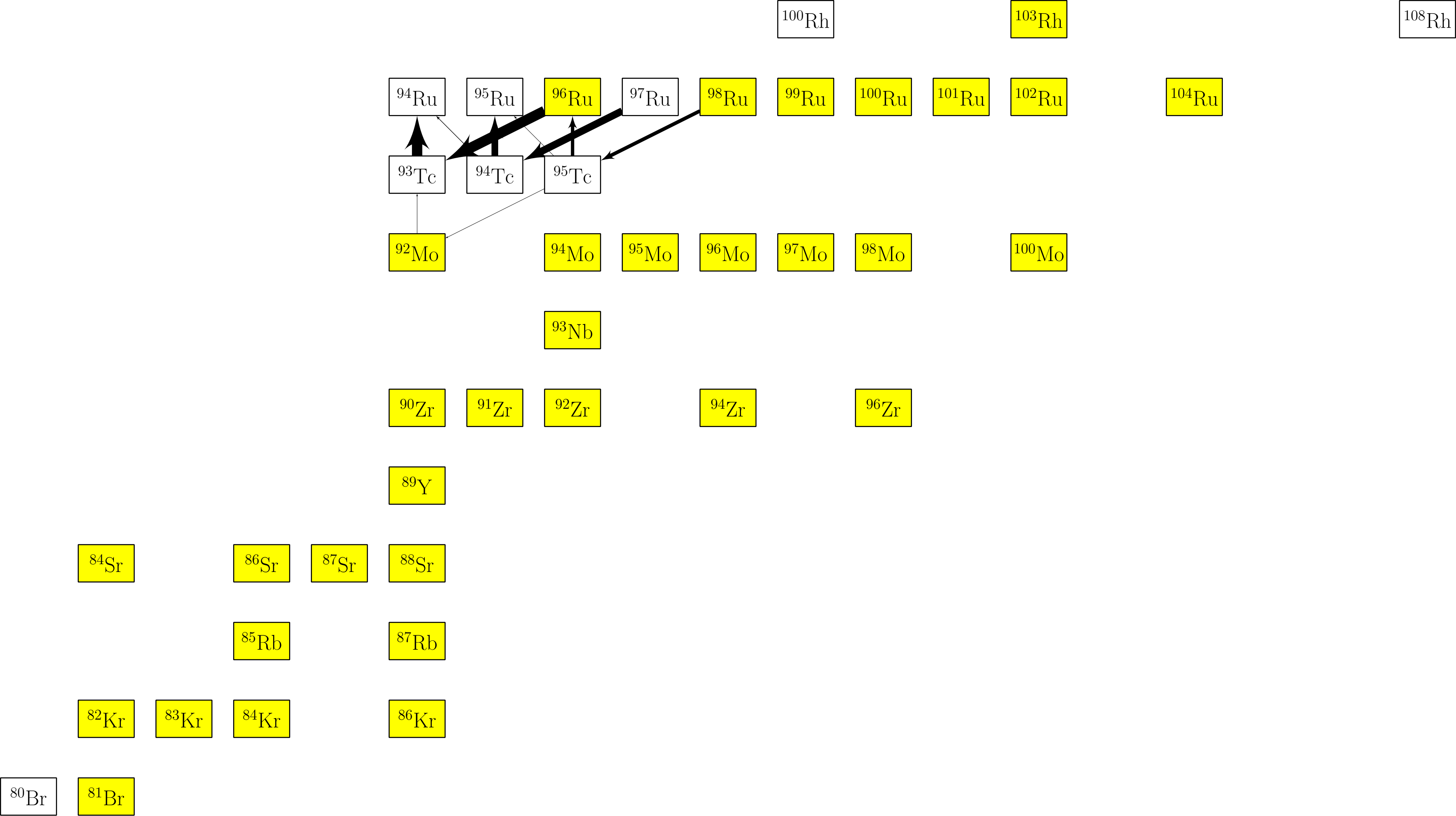


$time(s) = 12.3621$      $T_9 = 2.31445$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.60664e - 08$

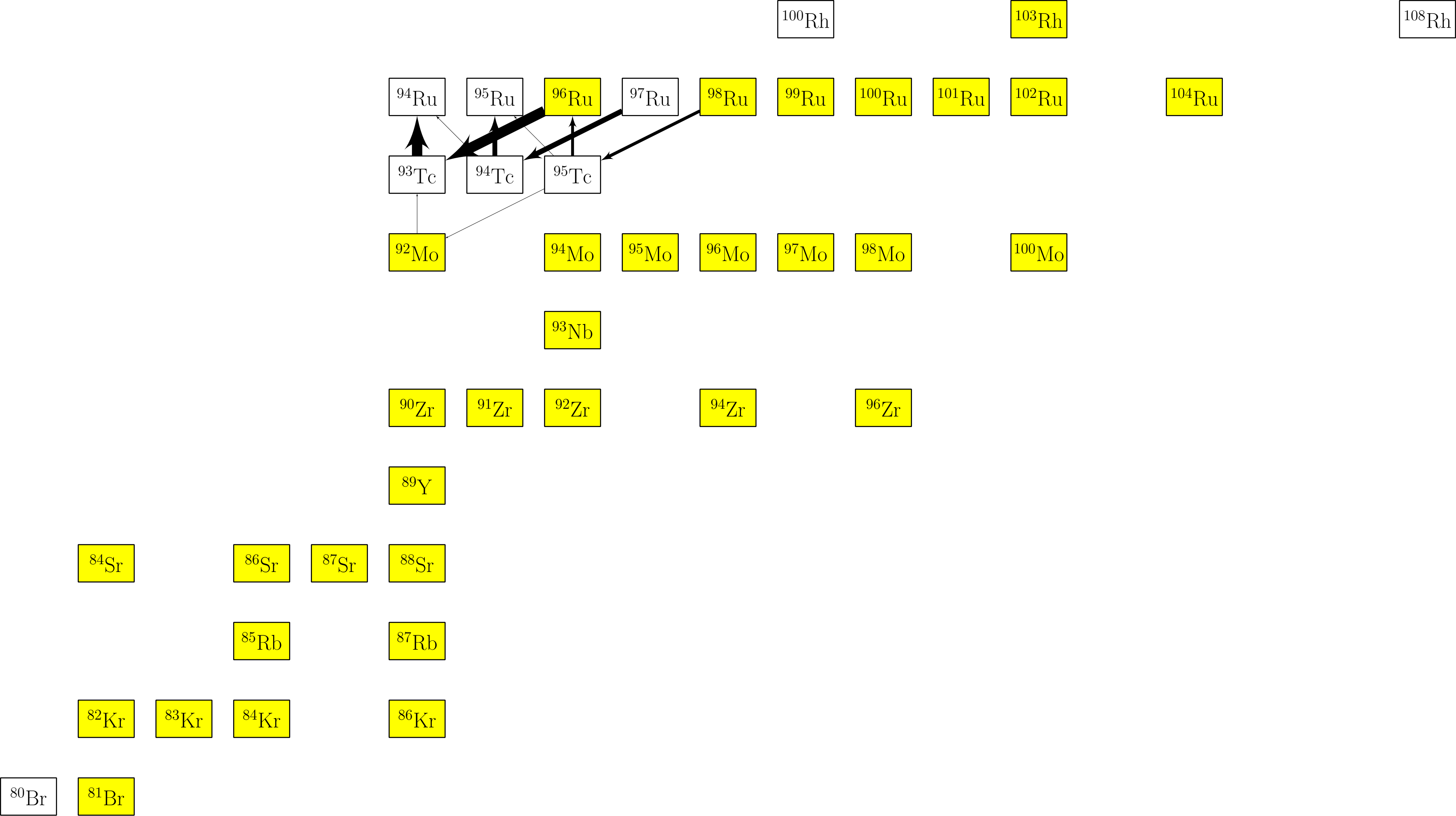




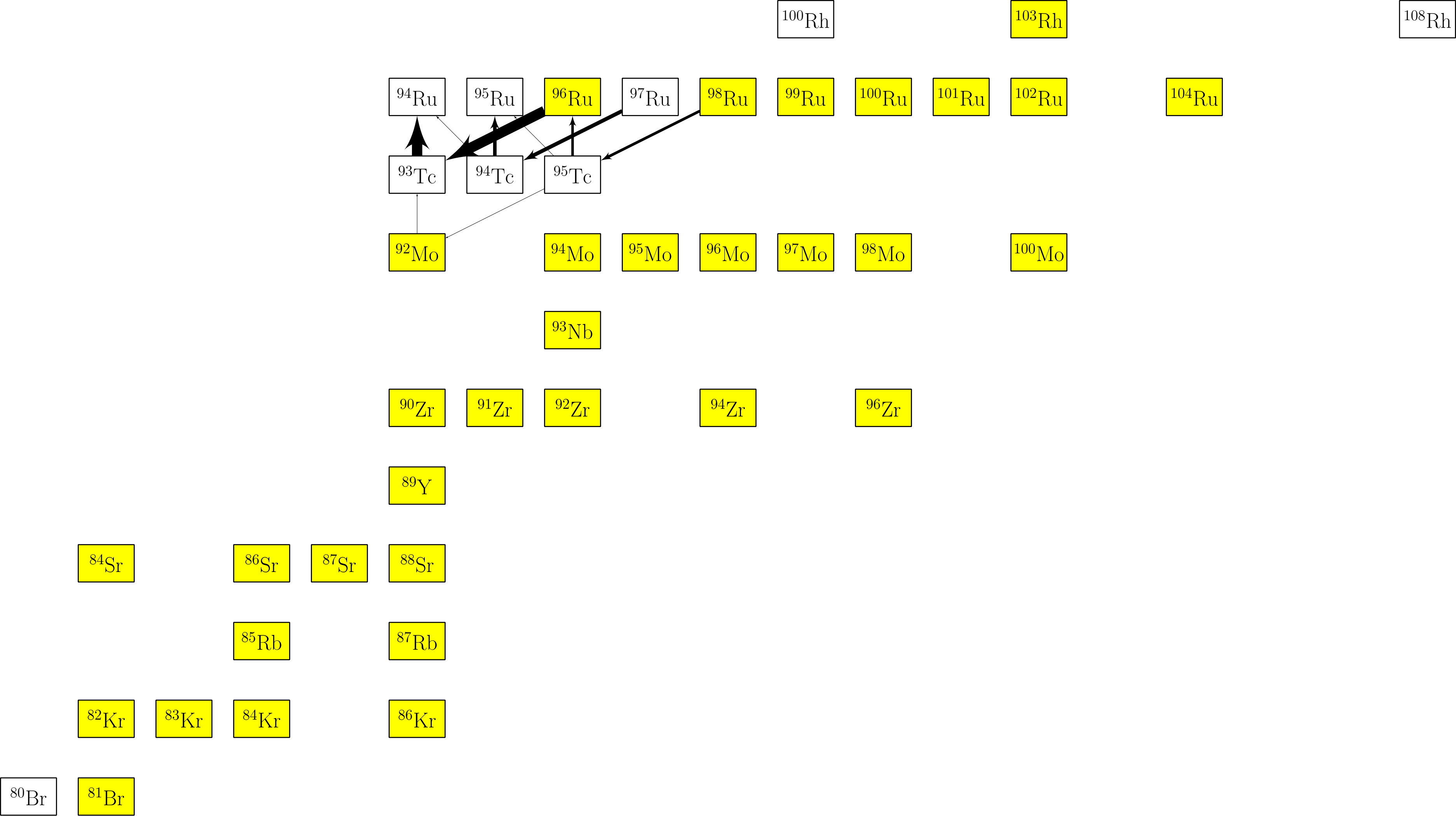
$time(s) = 12.3625$      $T_9 = 2.31982$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.41577e - 08$



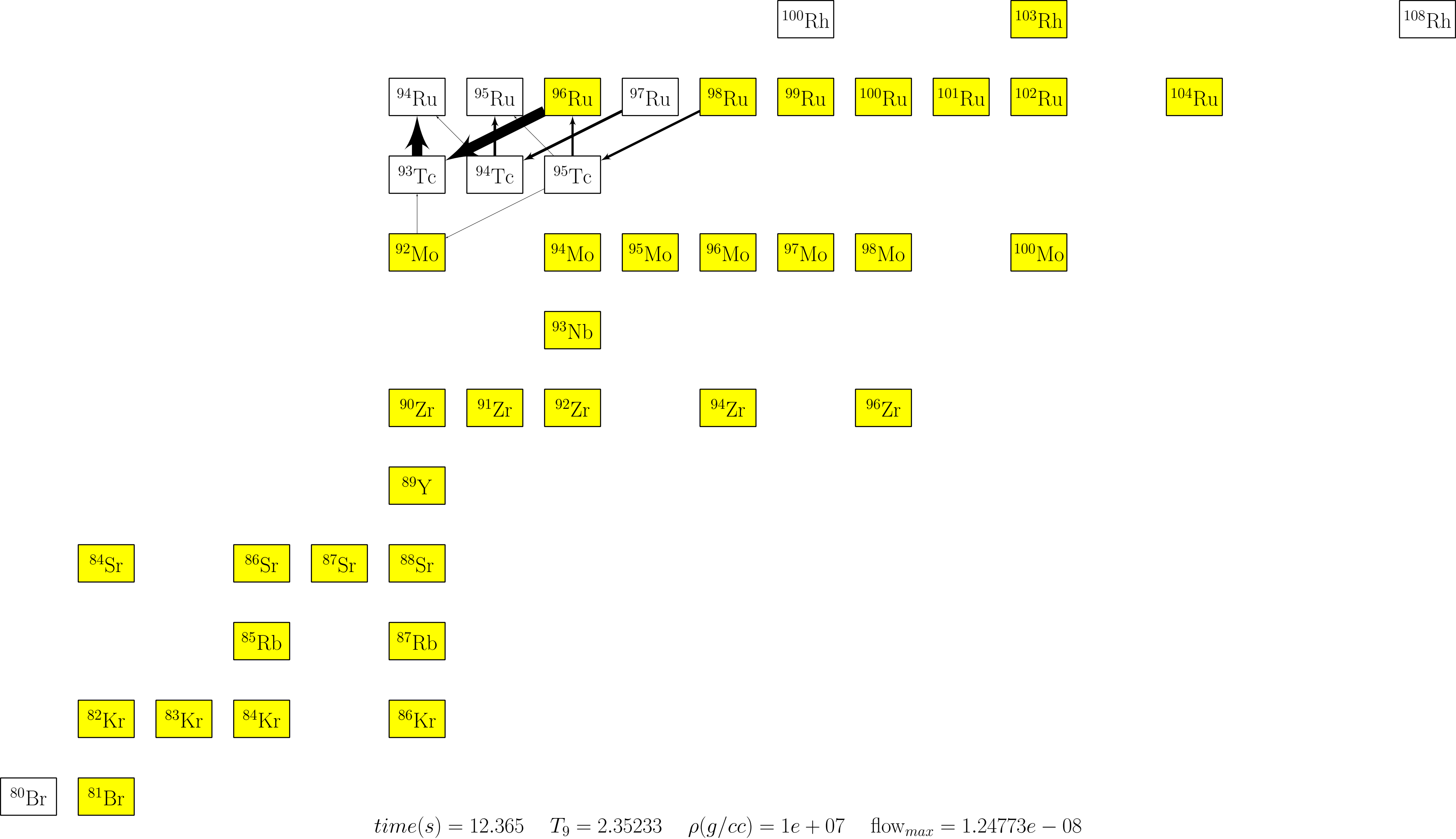
$time(s) = 12.3631$      $T_9 = 2.32887$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.40831e - 08$

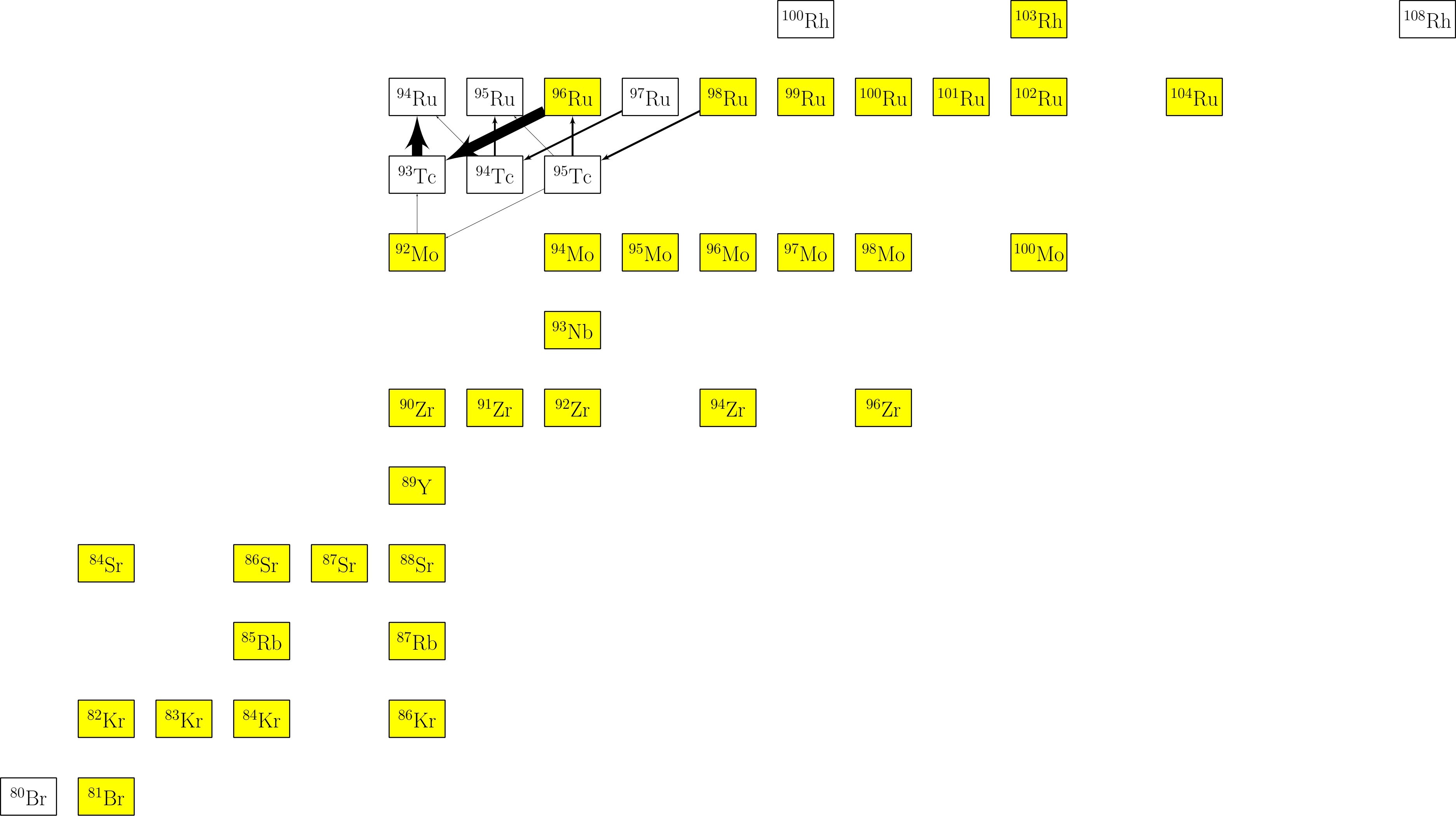


$time(s) = 12.3638$      $T_9 = 2.33812$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.37771e - 08$



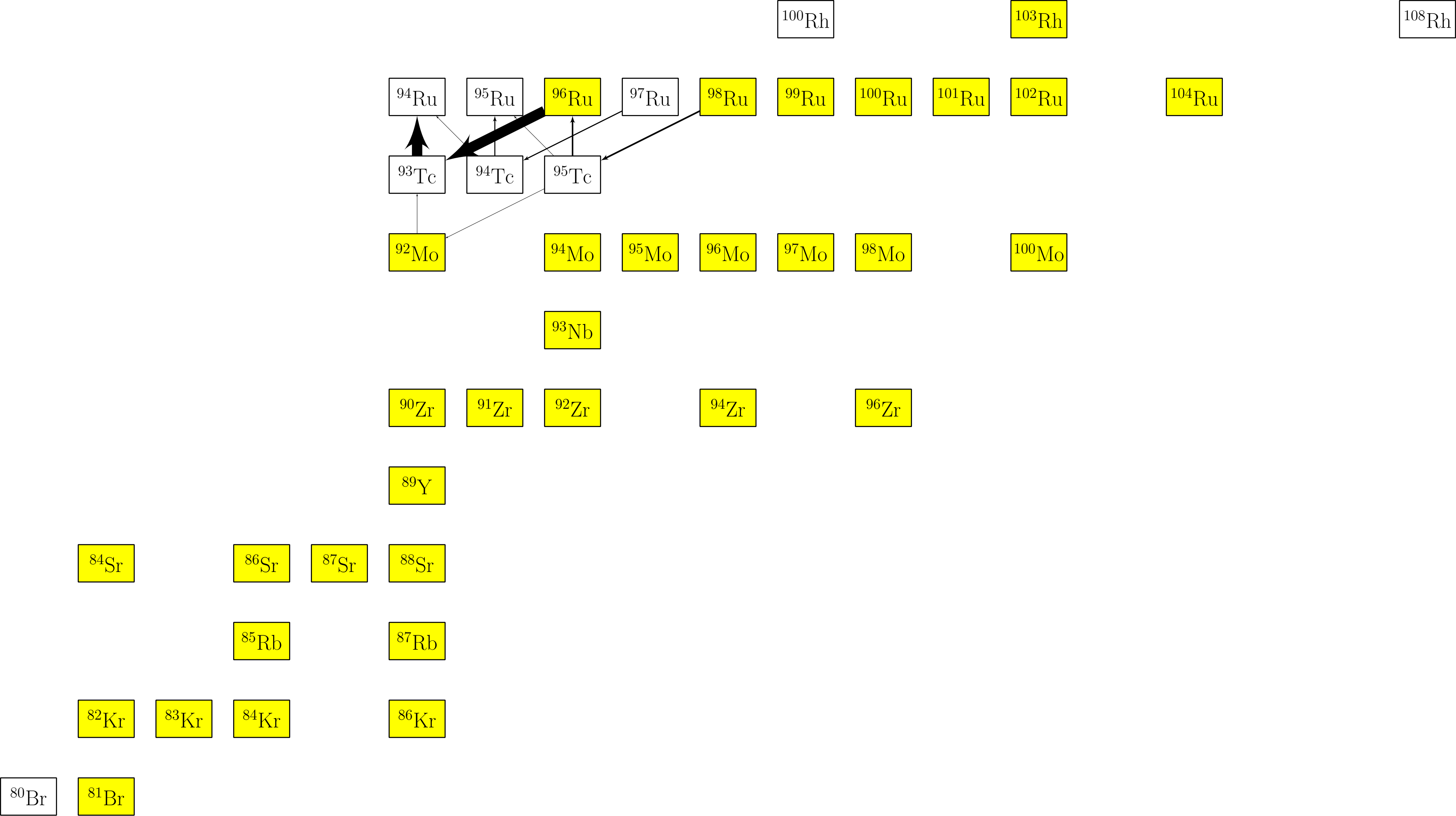
$time(s) = 12.3644$      $T_9 = 2.34591$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.32243e - 08$



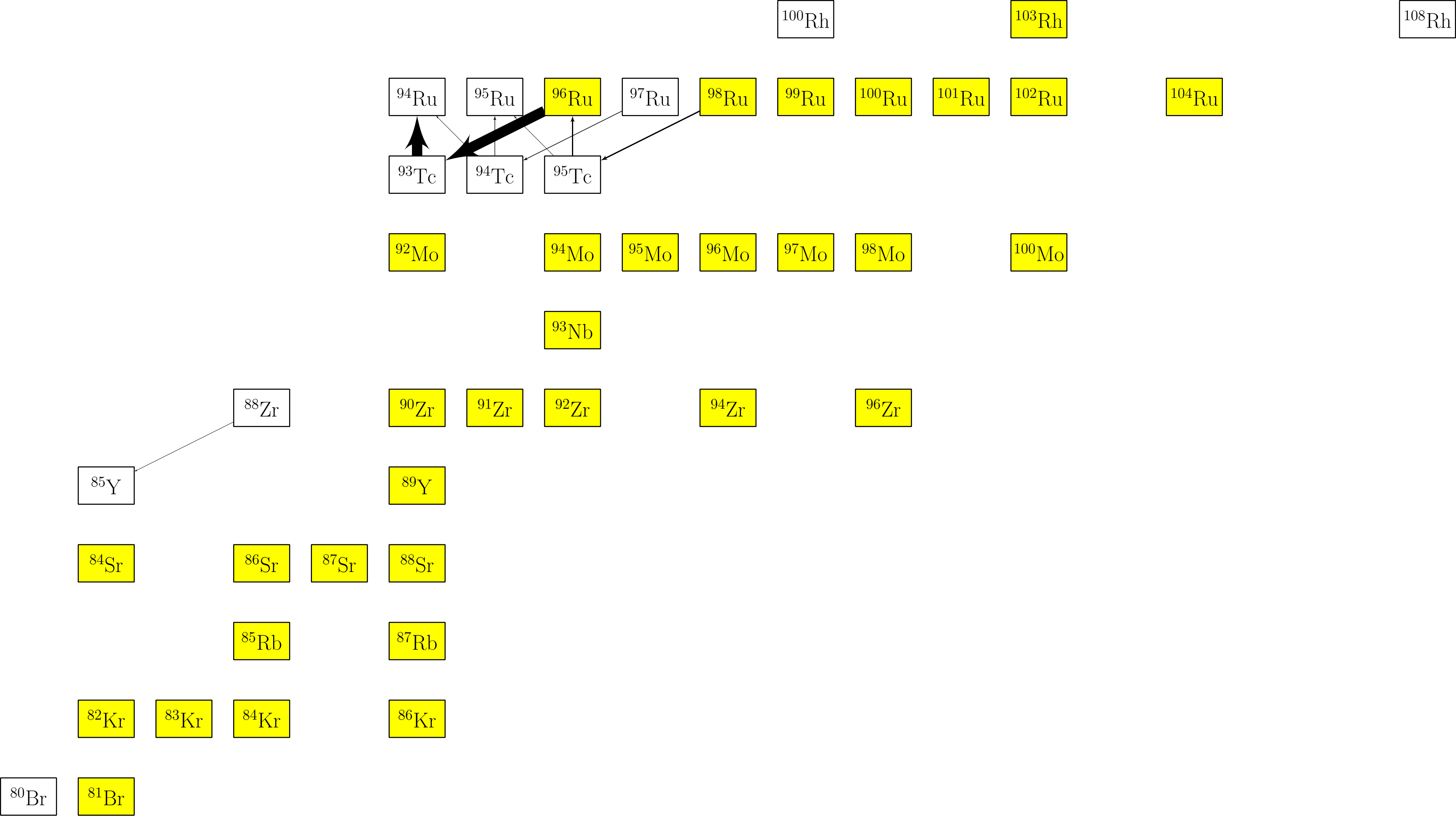


$time(s) = 12.3656$      $T_9 = 2.35881$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.13269e - 08$

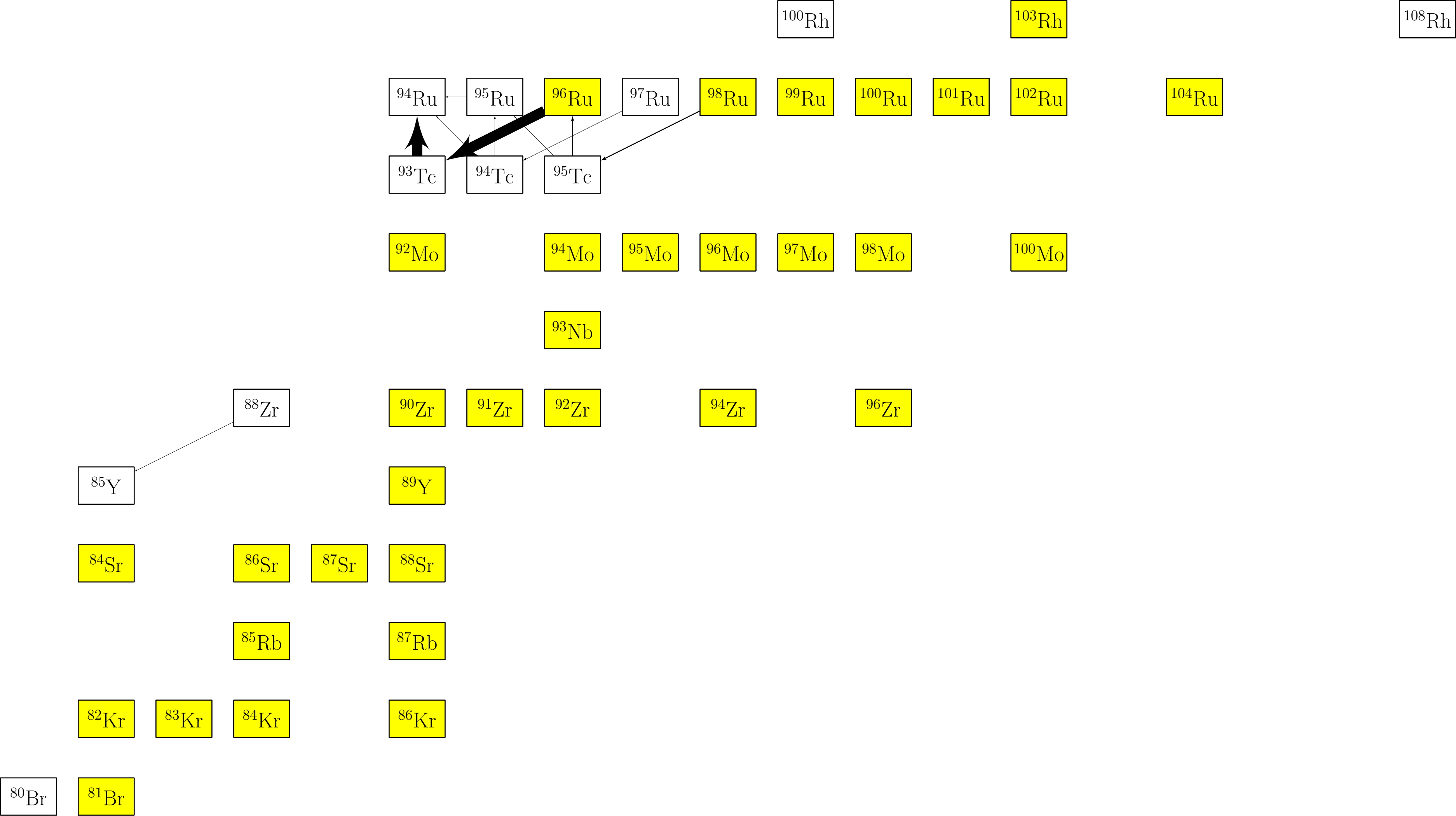


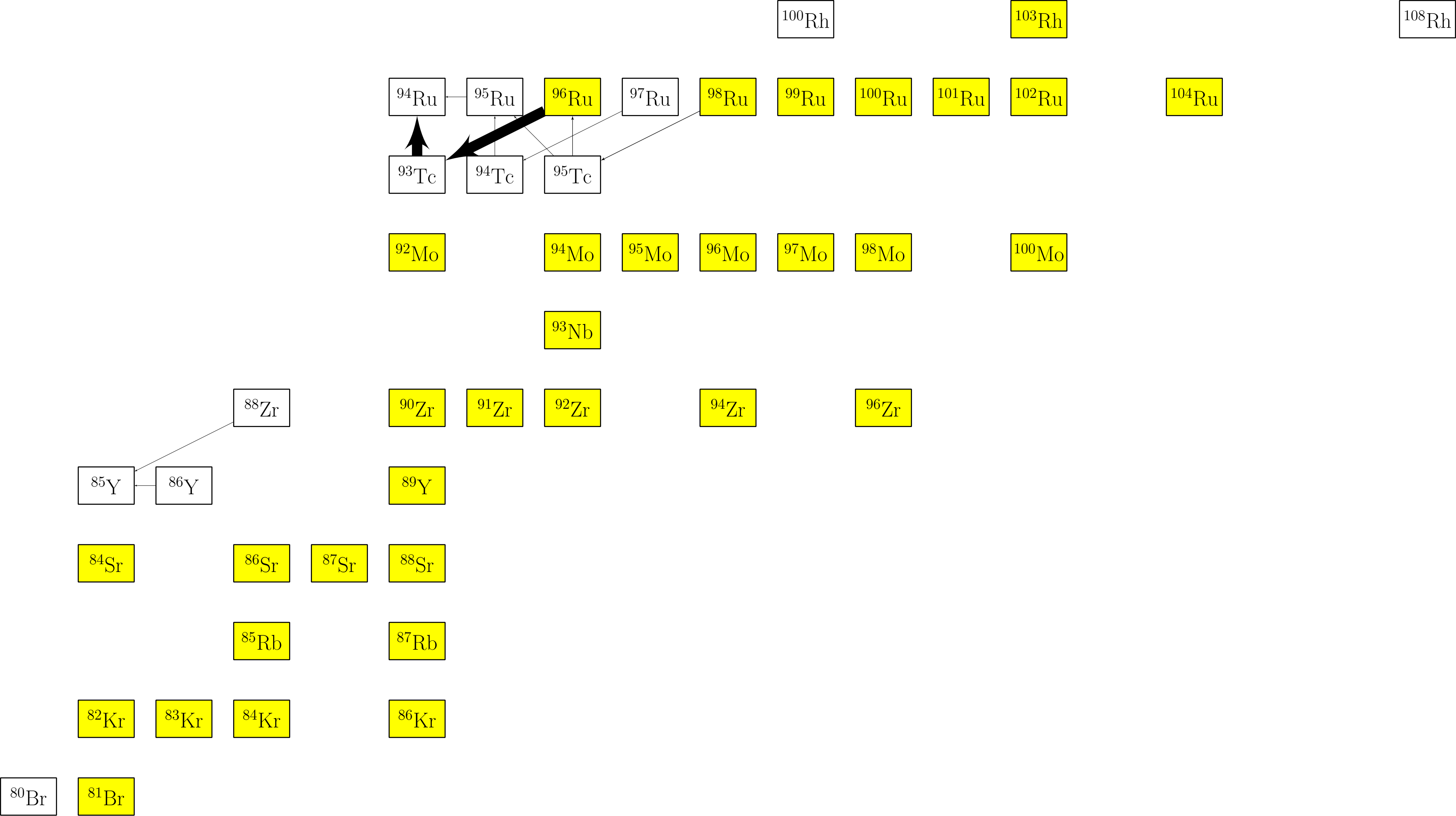


$time(s) = 12.3667$      $T_9 = 2.36588$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.35421e - 09$

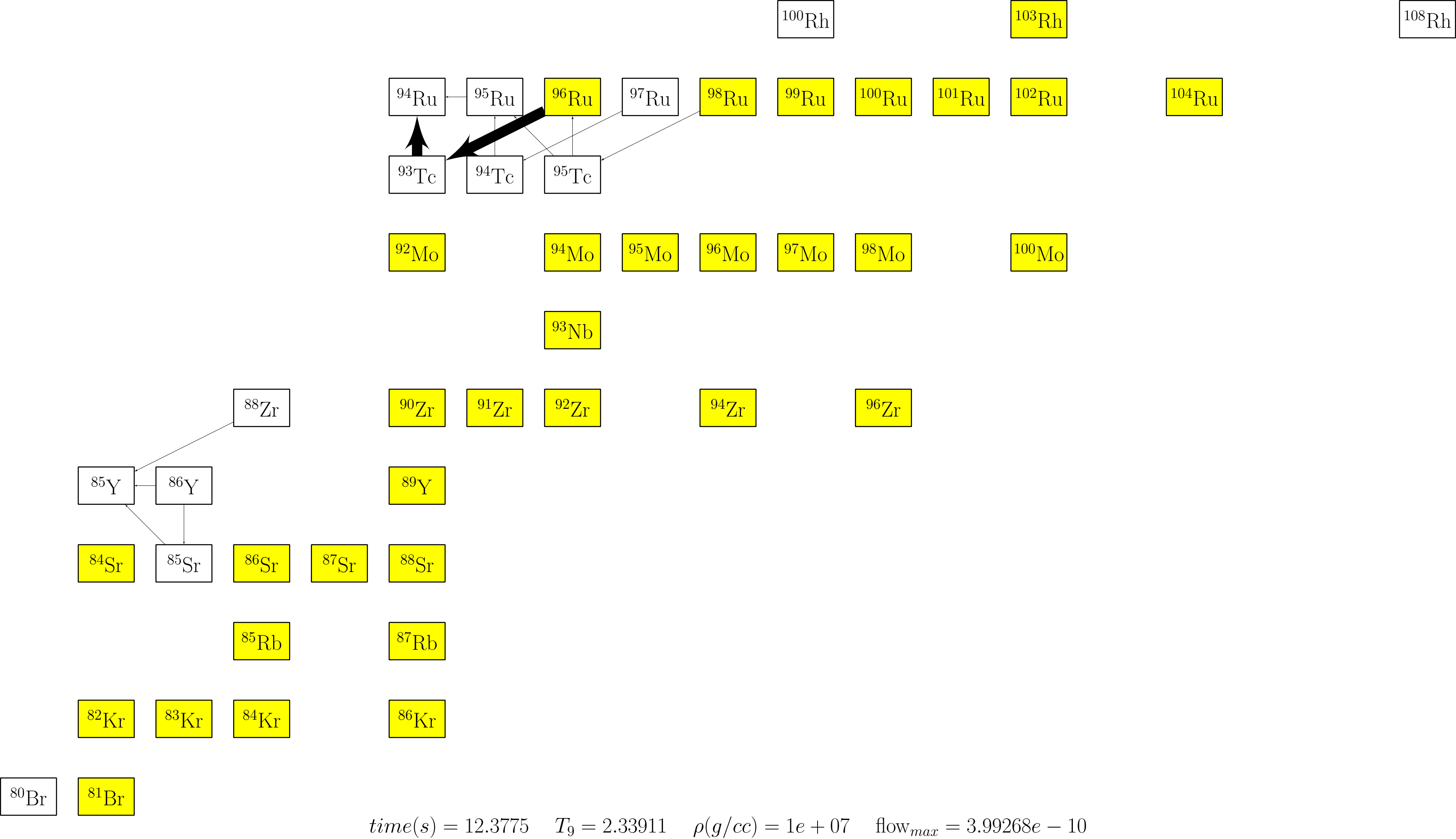


$time(s) = 12.3676$     $T_9 = 2.36989$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 7.44413e - 09$

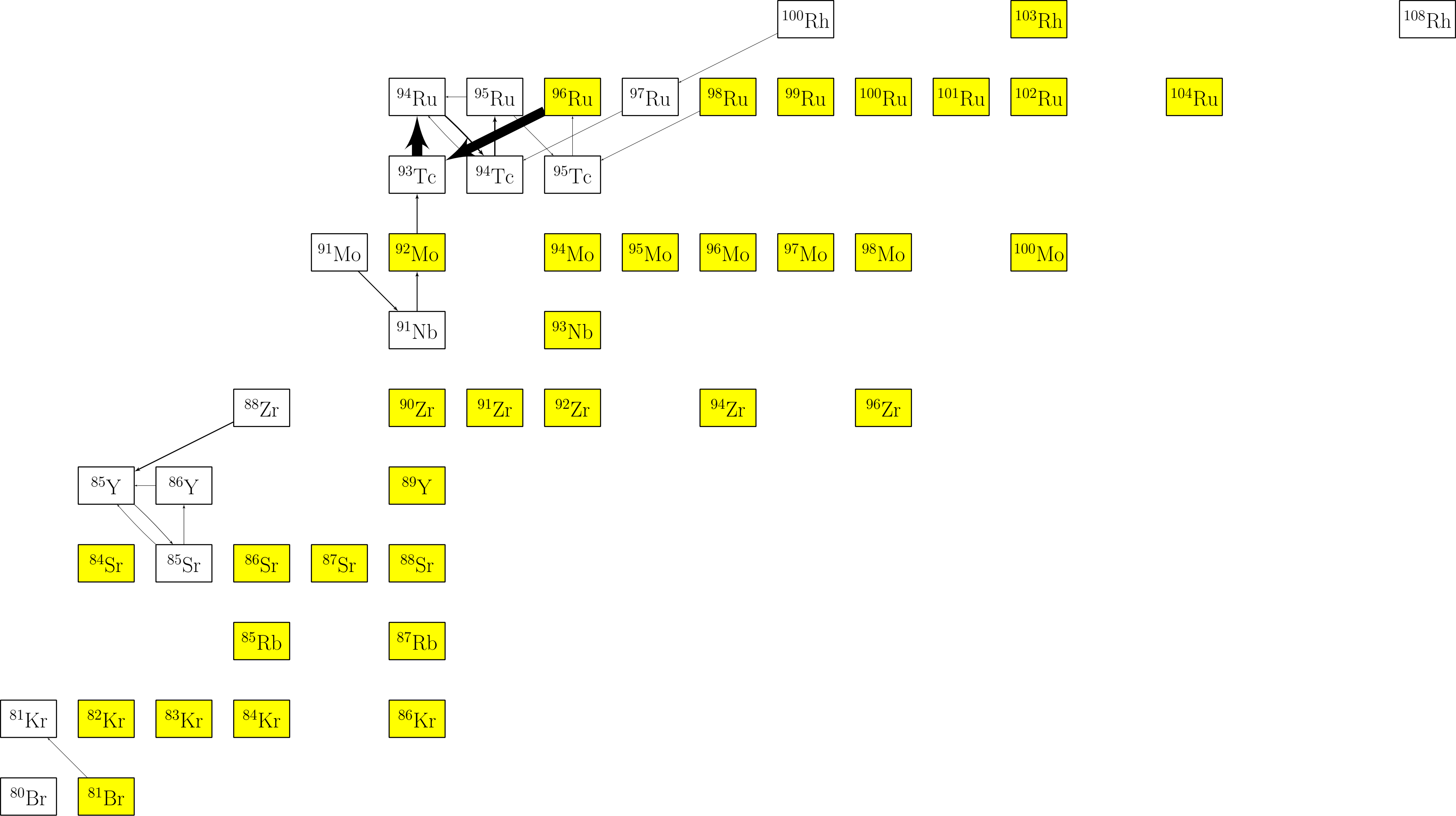




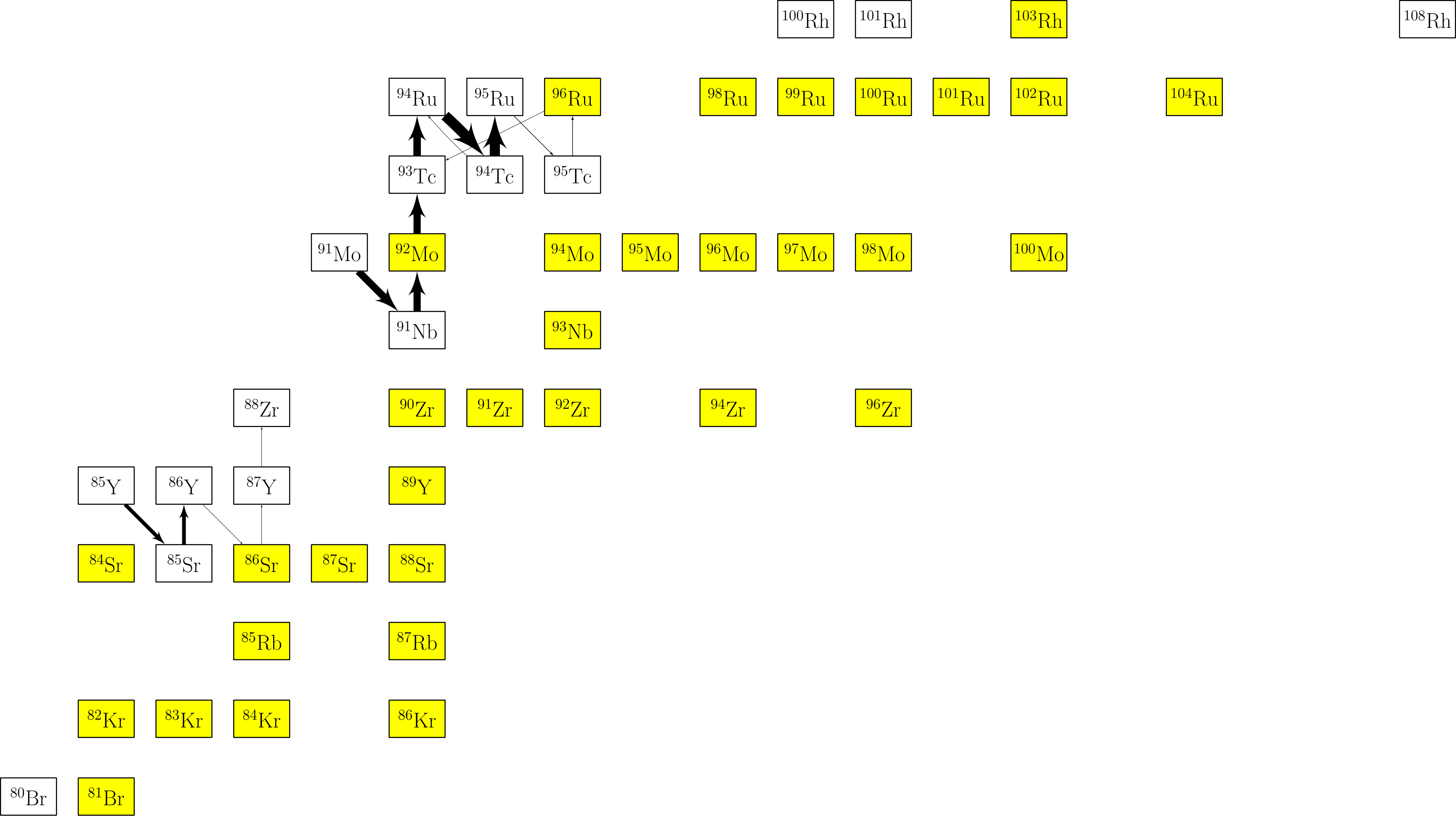
$time(s) = 12.3724$      $T_9 = 2.36569$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.81085e - 09$





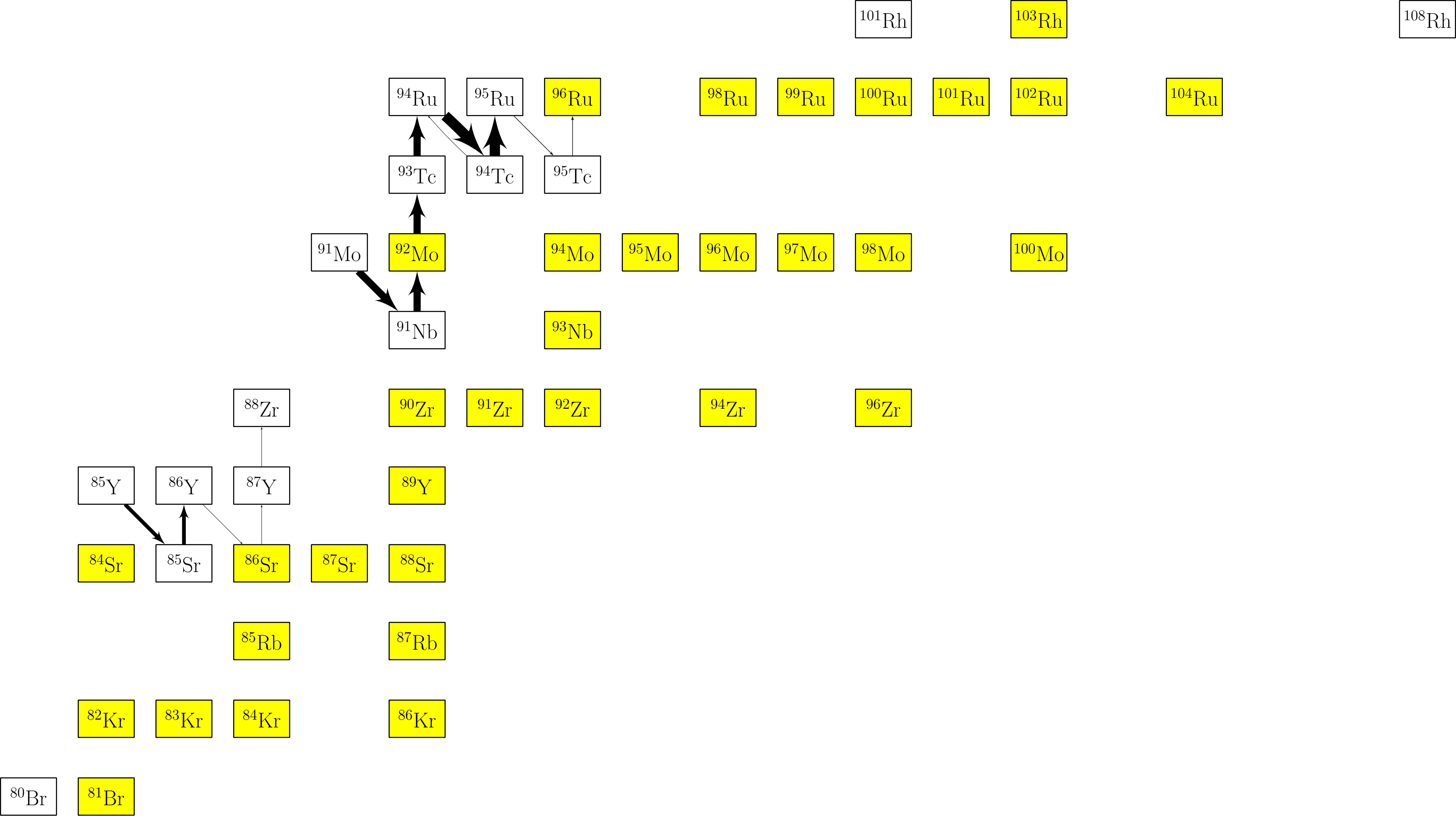


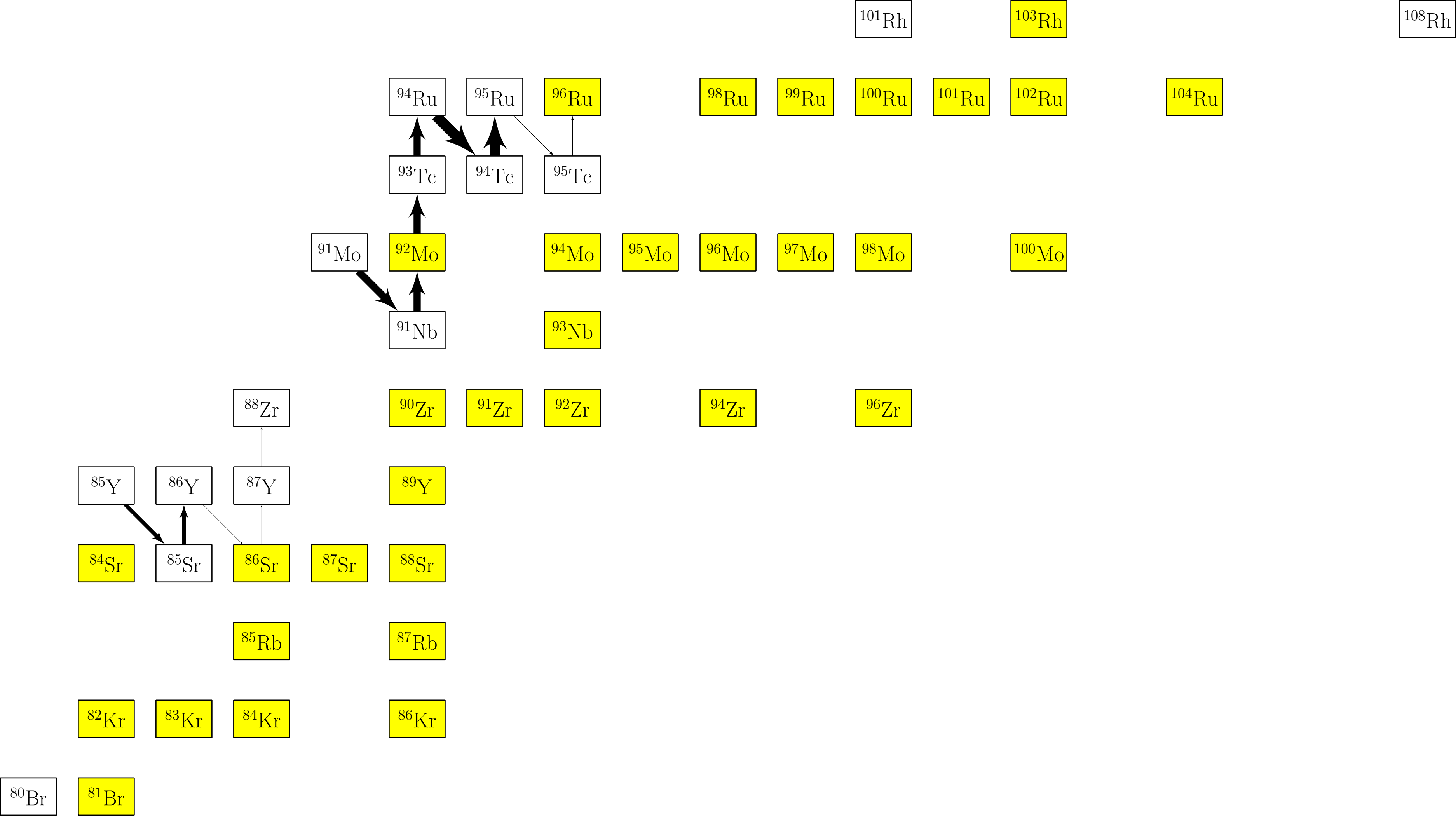
$time(s) = 12.4158$      $T_9 = 2.11898$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.92917e - 12$



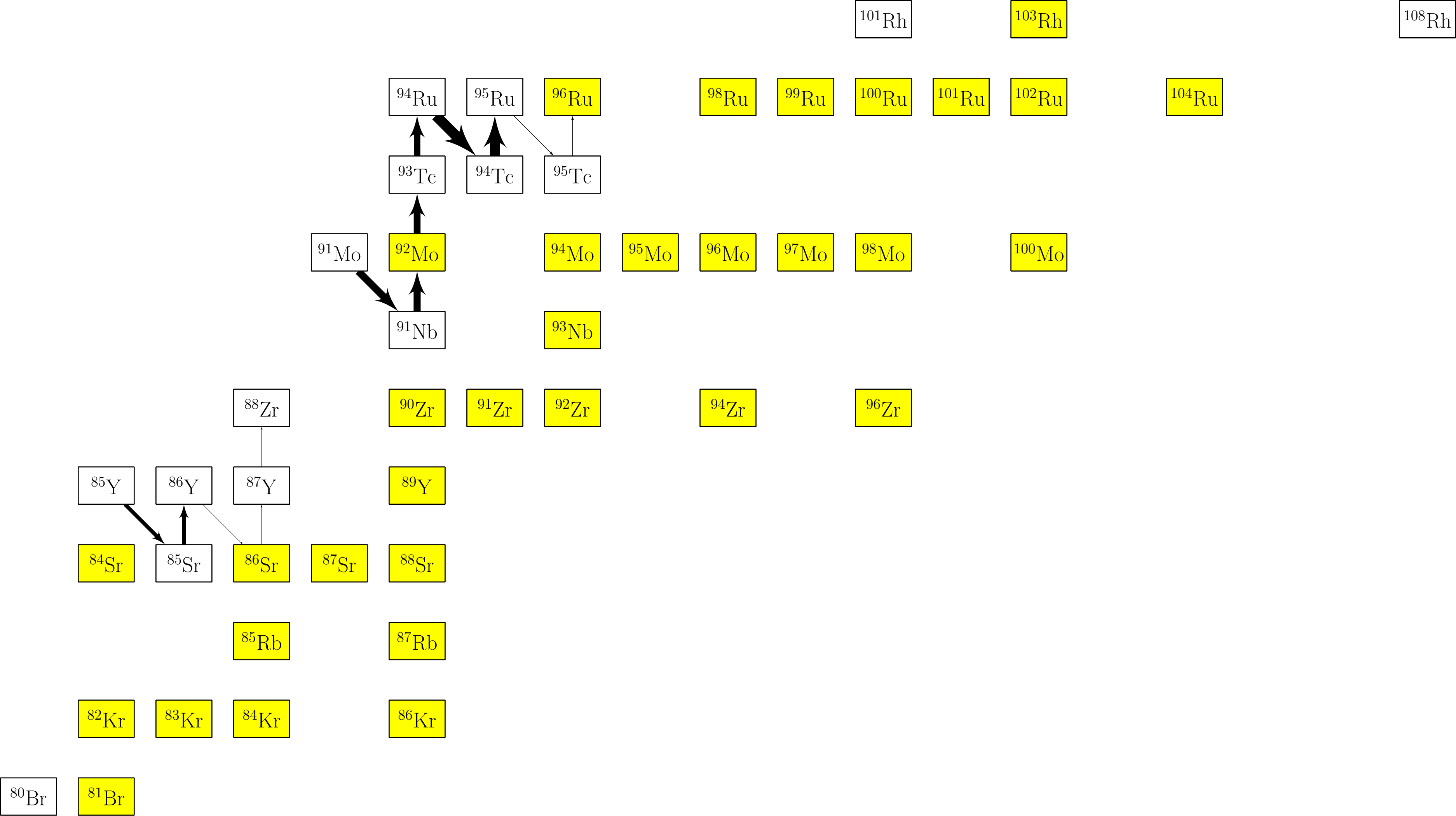
$time(s) = 12.5325$      $T_9 = 1.69704$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42851e - 13$



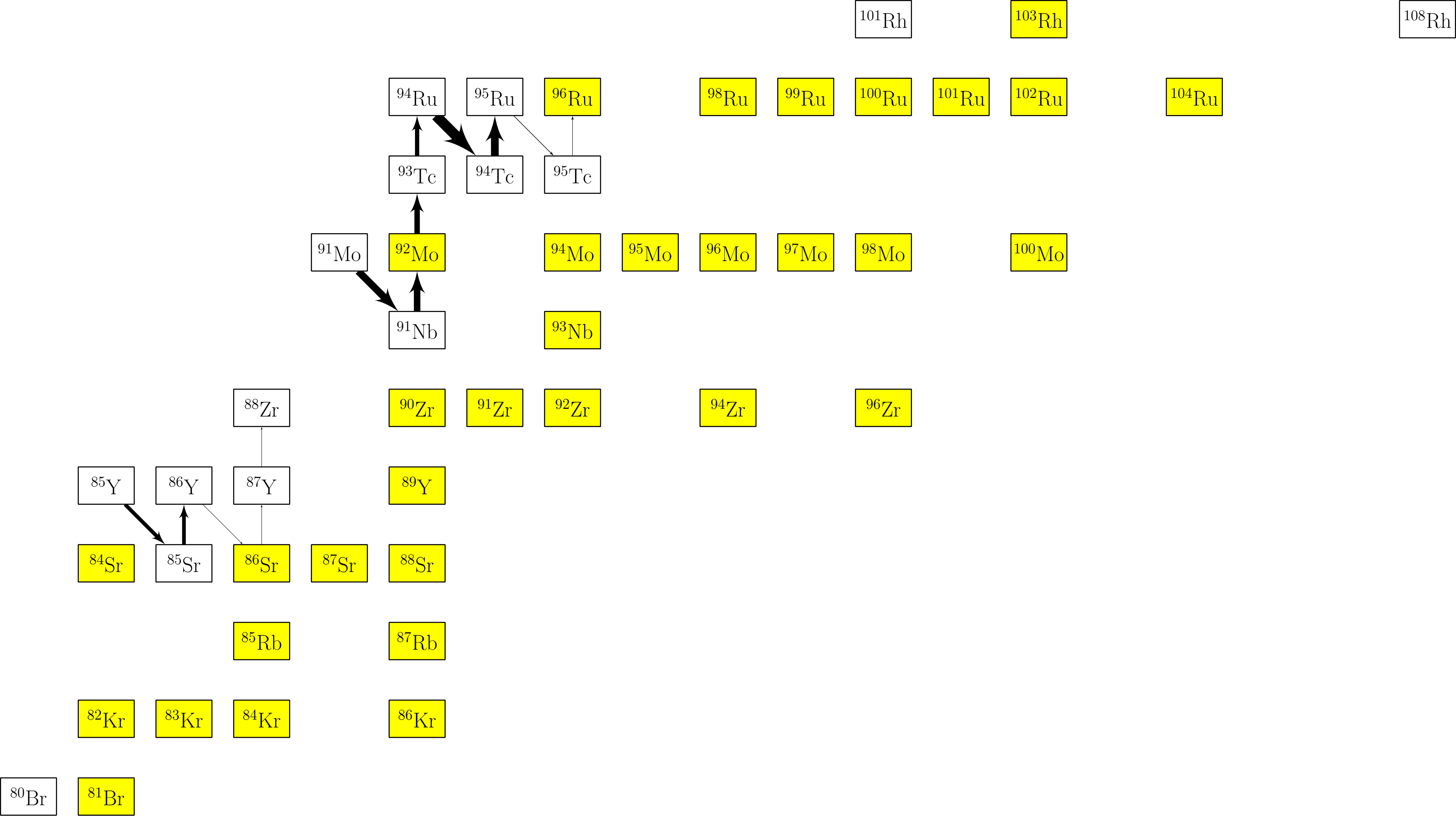




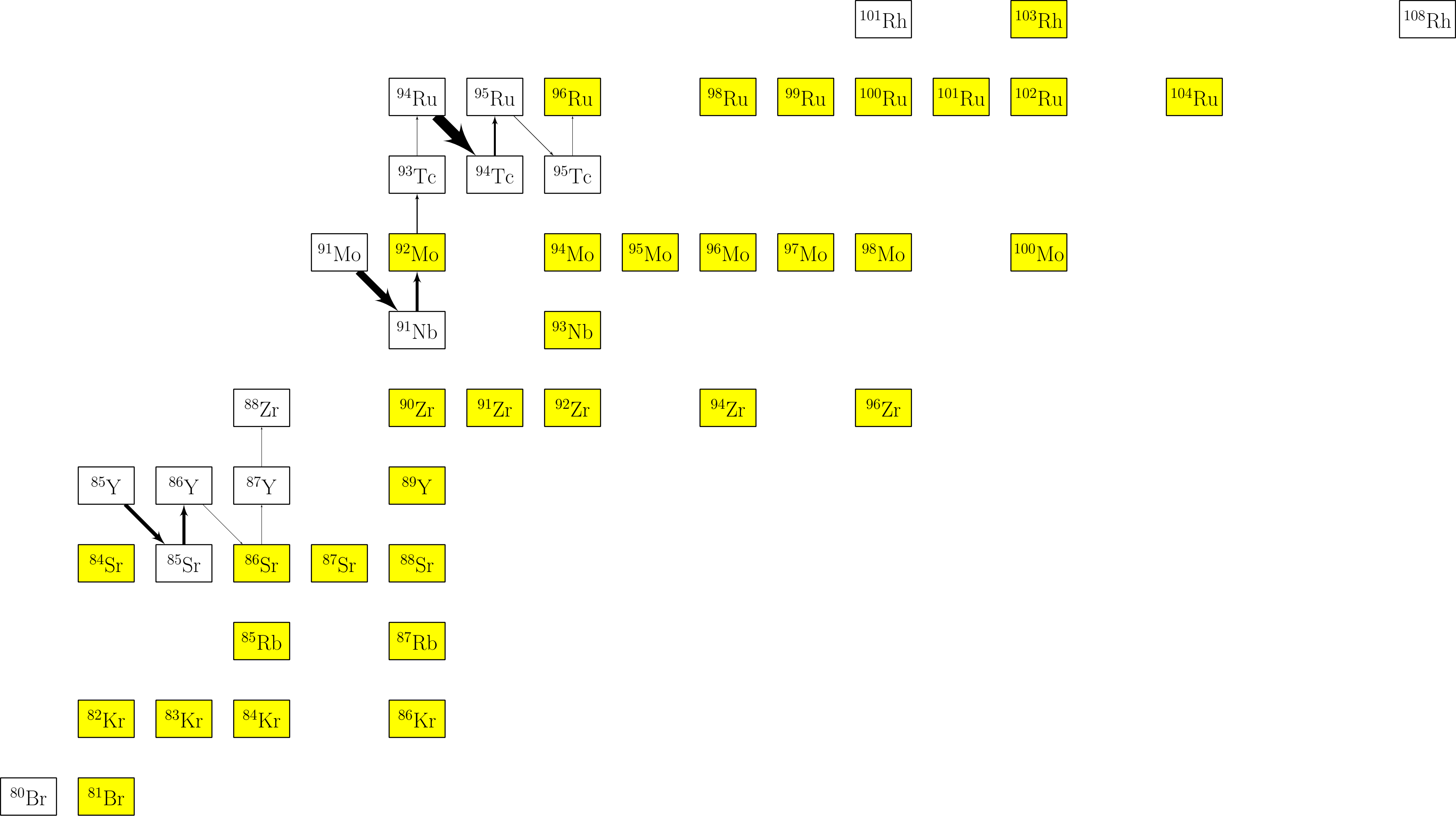
$time(s) = 13.1567$      $T_9 = 1.01624$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42841e - 13$



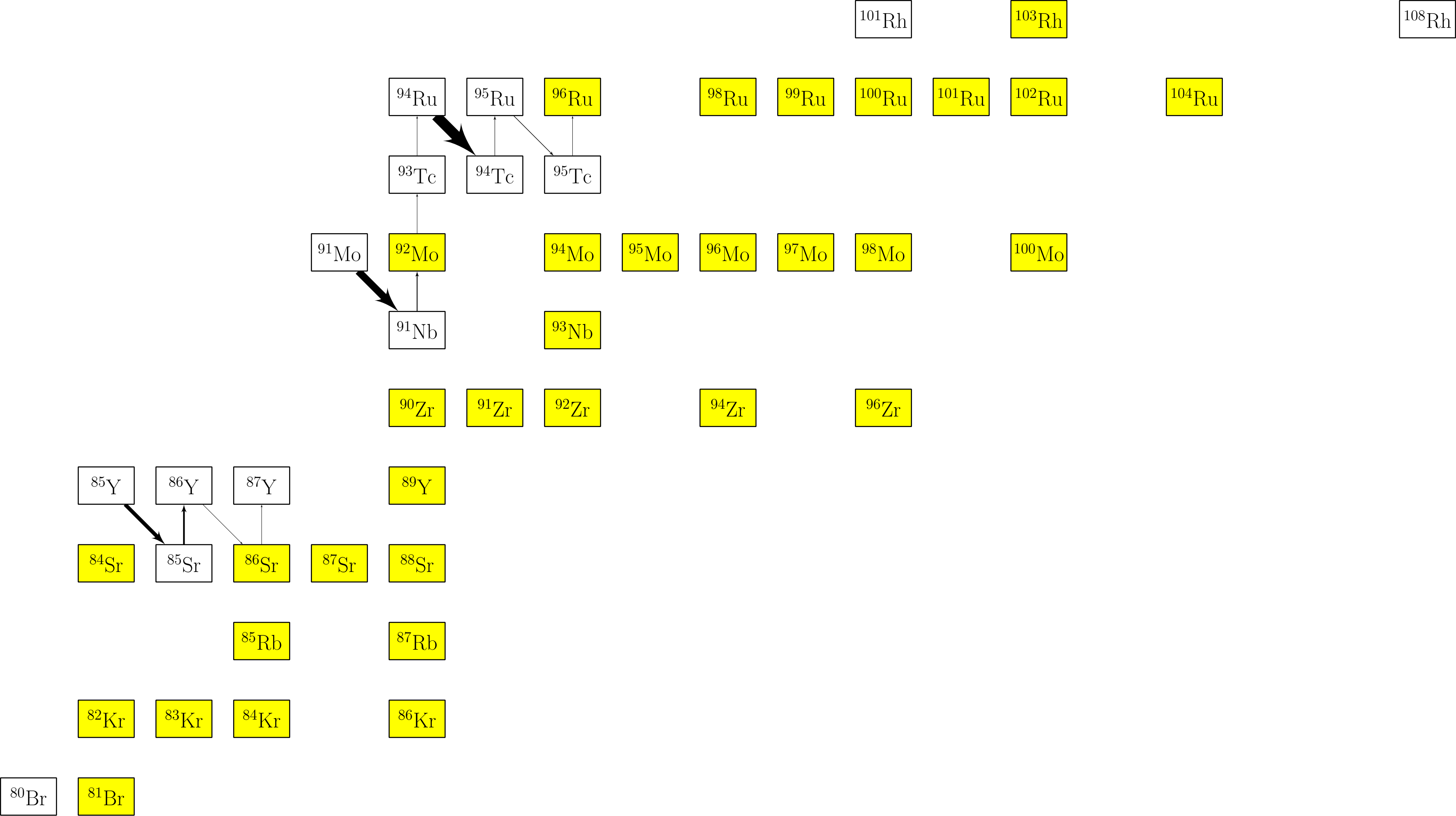
$time(s) = 13.5722$      $T_9 = 0.872589$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42833e - 13$



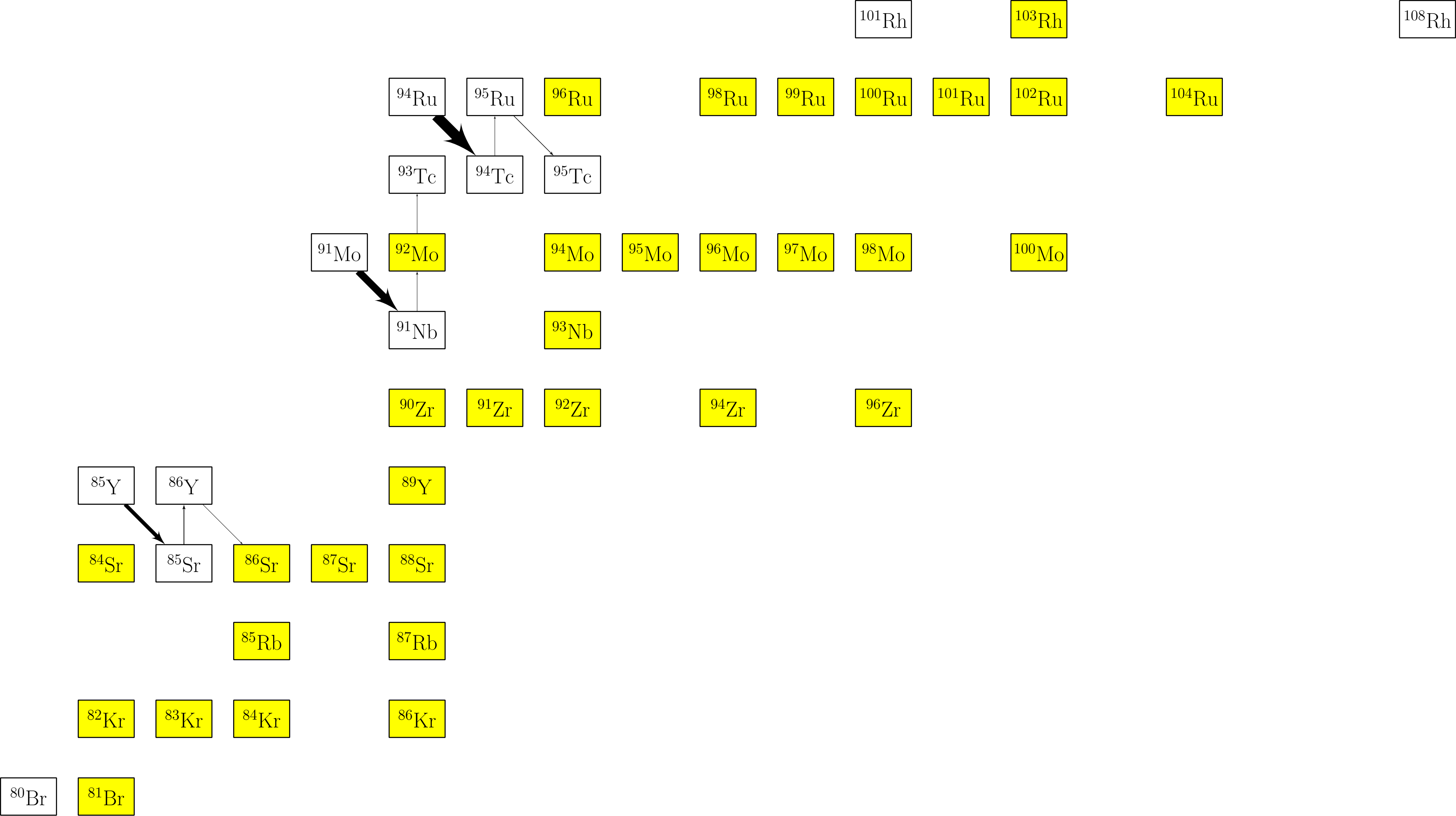
$time(s) = 14.1597$      $T_9 = 0.762073$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42818e - 13$



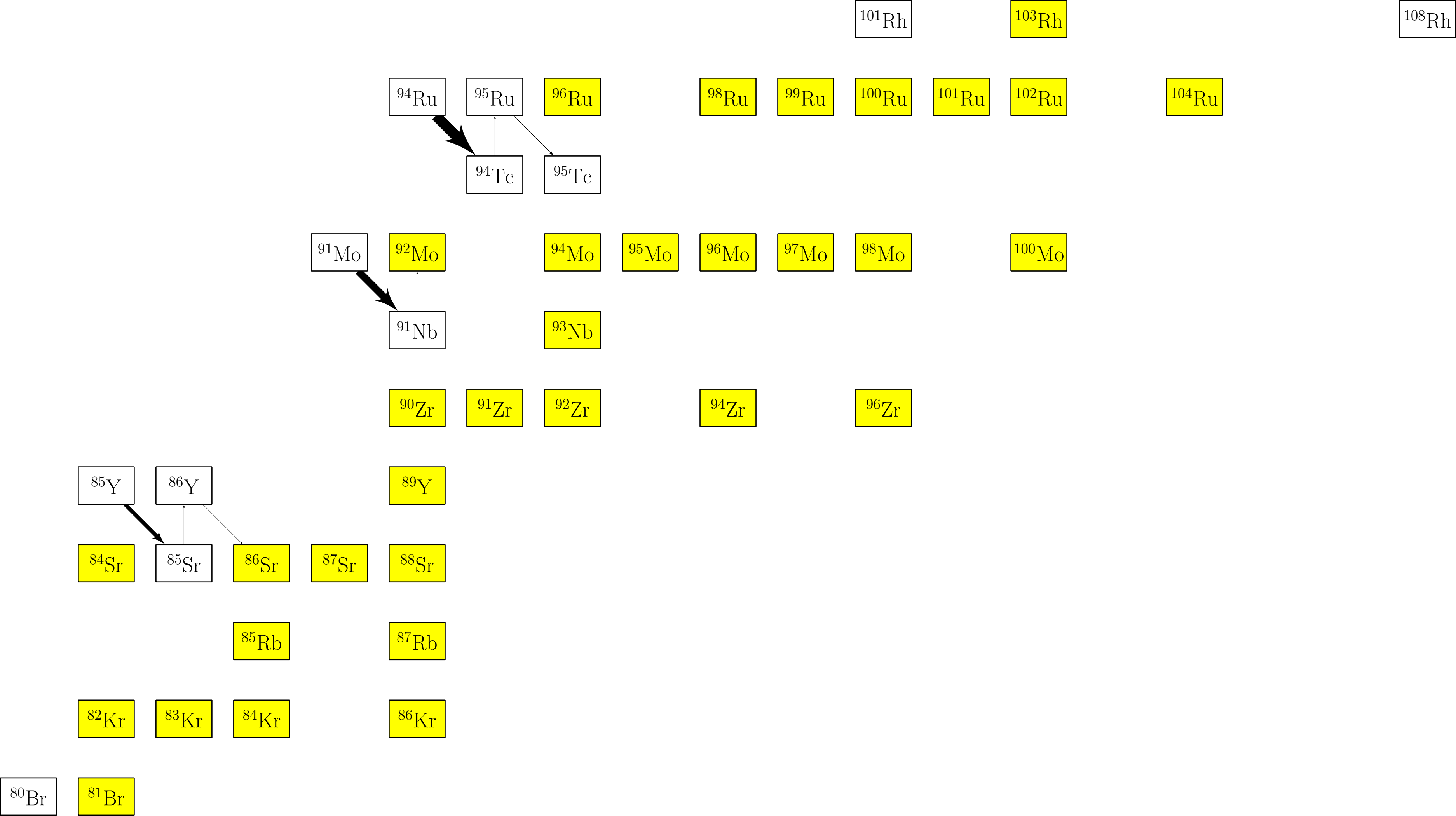
$time(s) = 15.2612$      $T_9 = 0.634532$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42767e - 13$



$time(s) = 16.3627$      $T_9 = 0.561816$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42709e - 13$

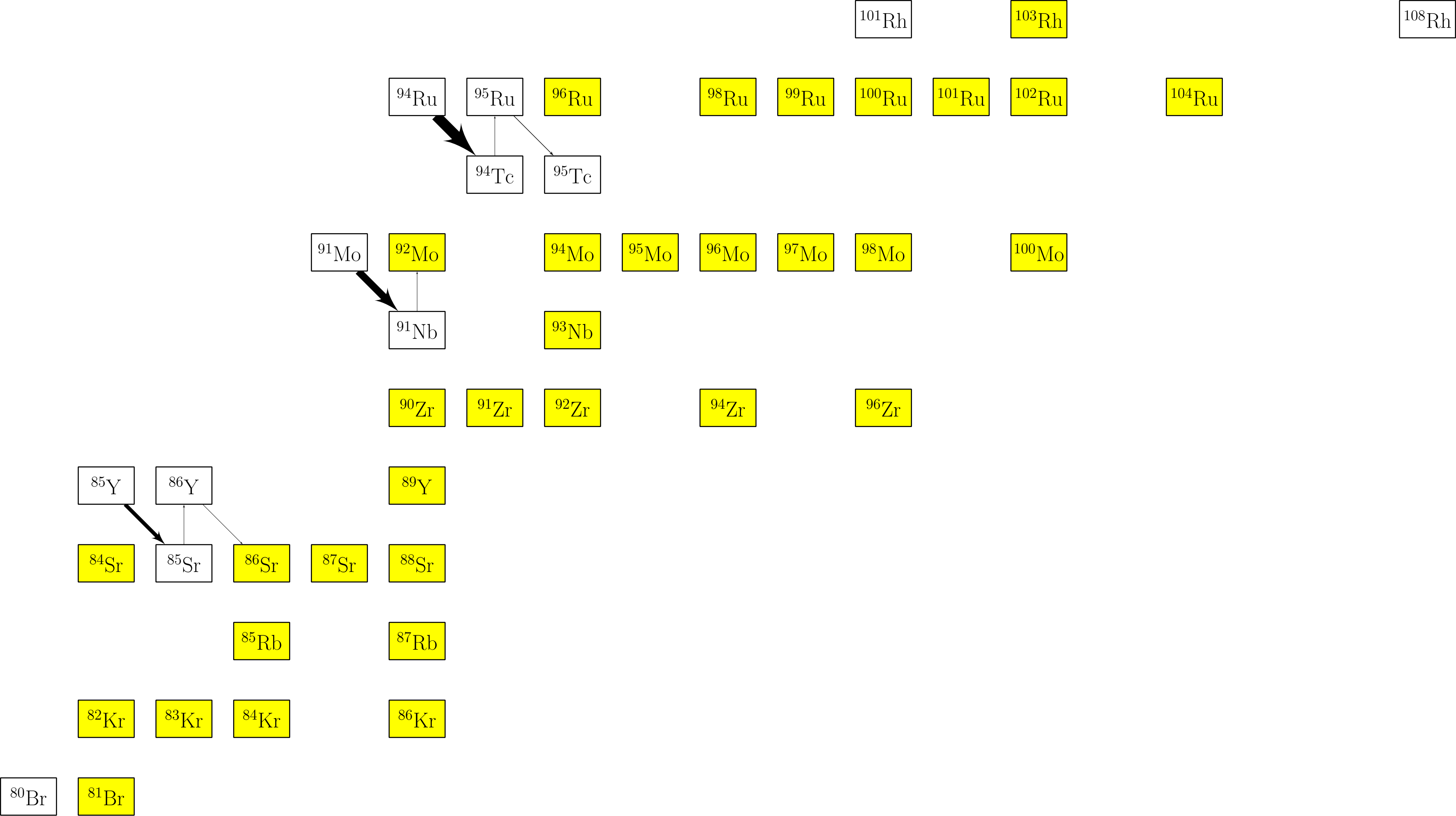


$time(s) = 17.4642 \quad T_9 = 0.513129 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.42649e - 13$

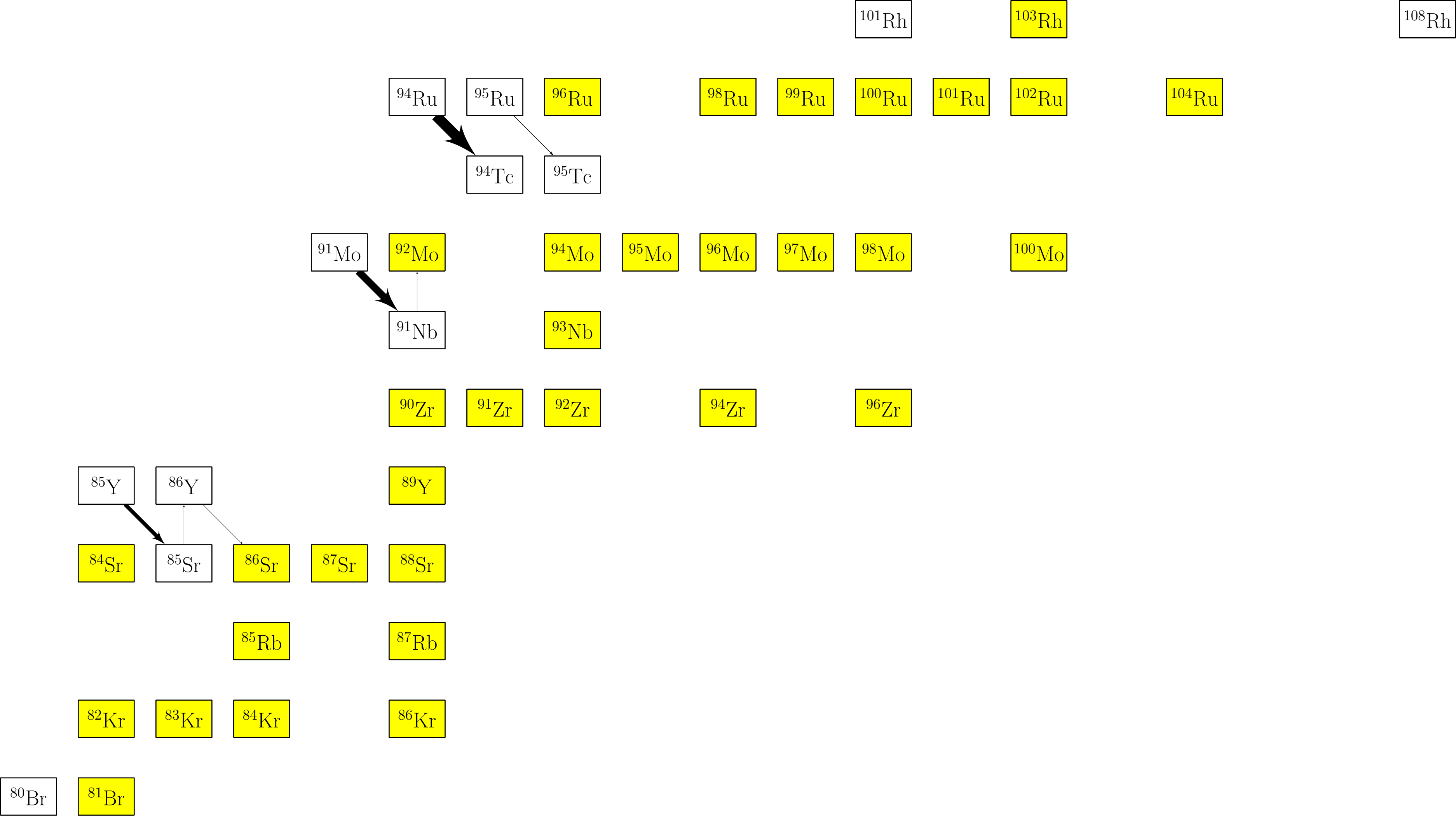


$time(s) = 18.5657$      $T_9 = 0.477363$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.4259e - 13$

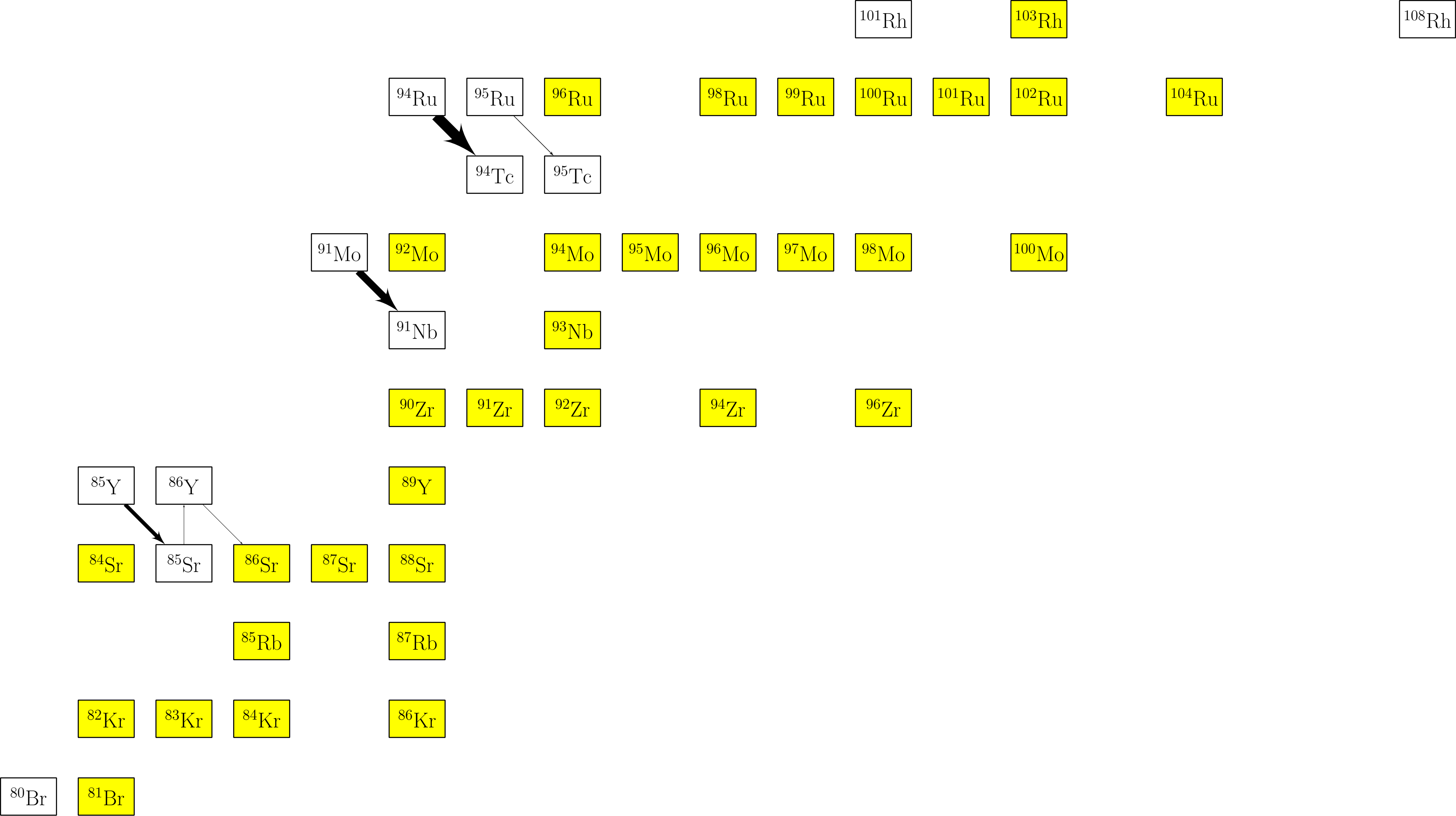




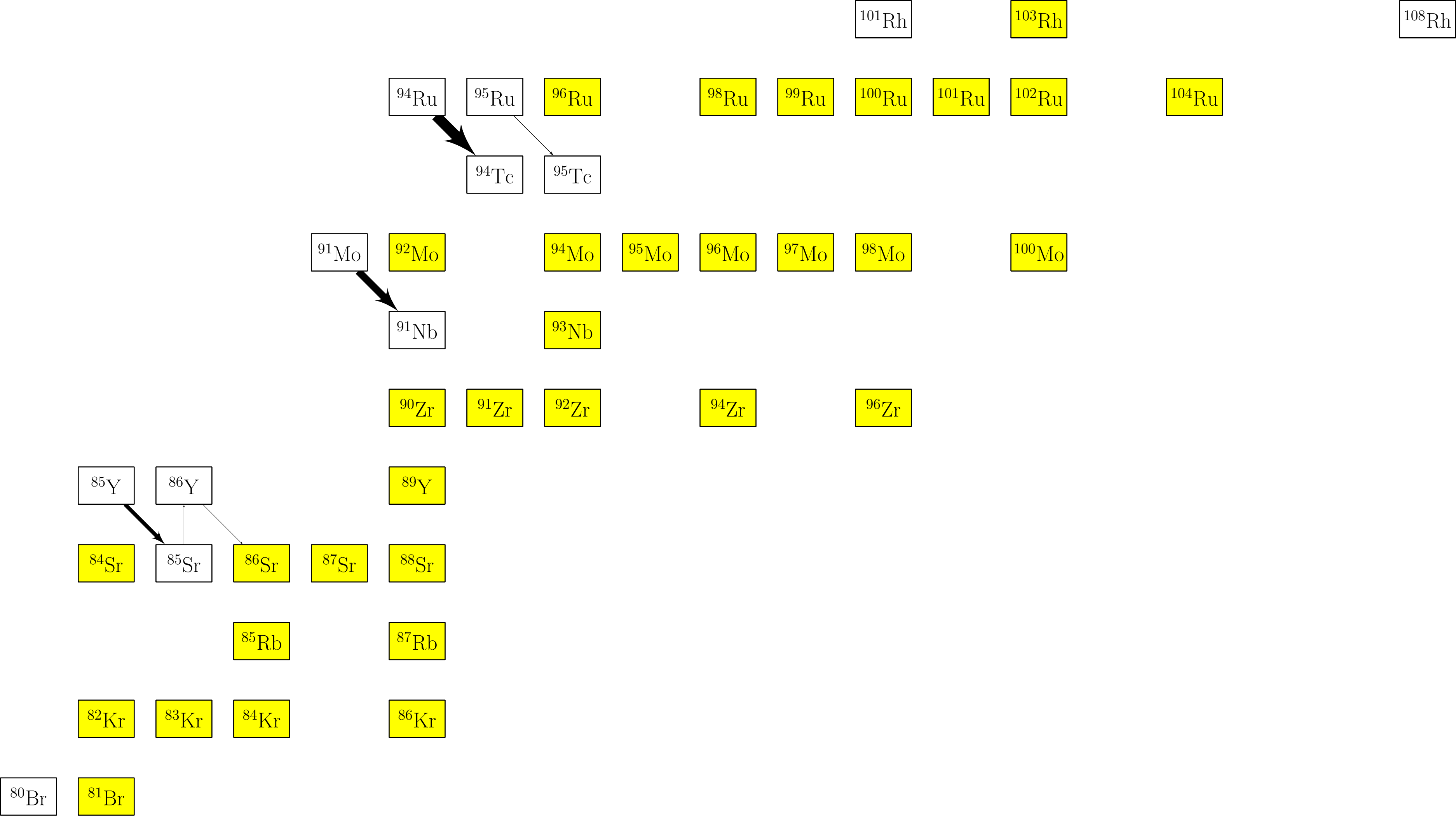
$time(s) = 19.6672 \quad T_9 = 0.449537 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.4253e - 13$



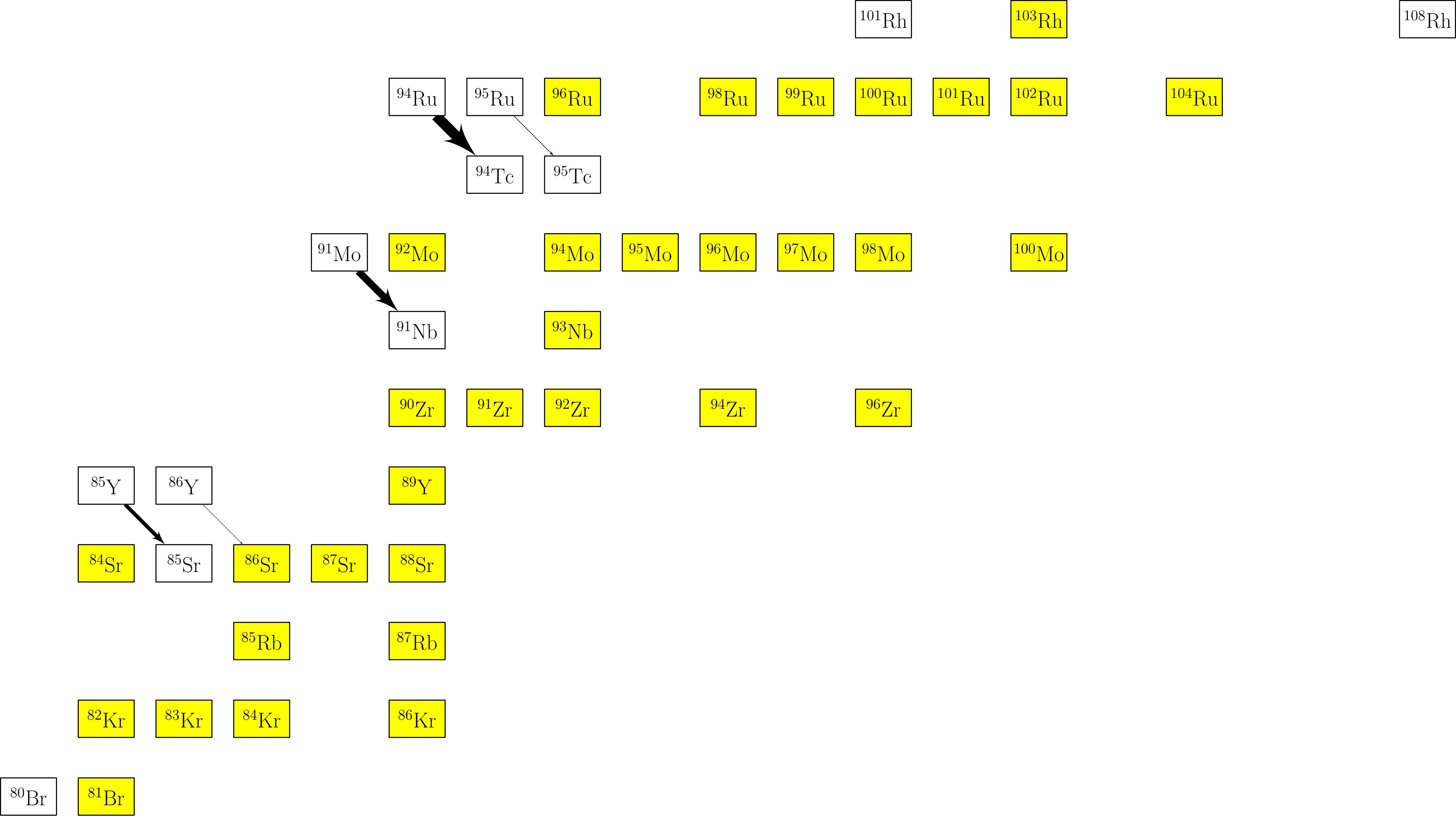
$time(s) = 20.7687$      $T_9 = 0.42702$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42471e - 13$



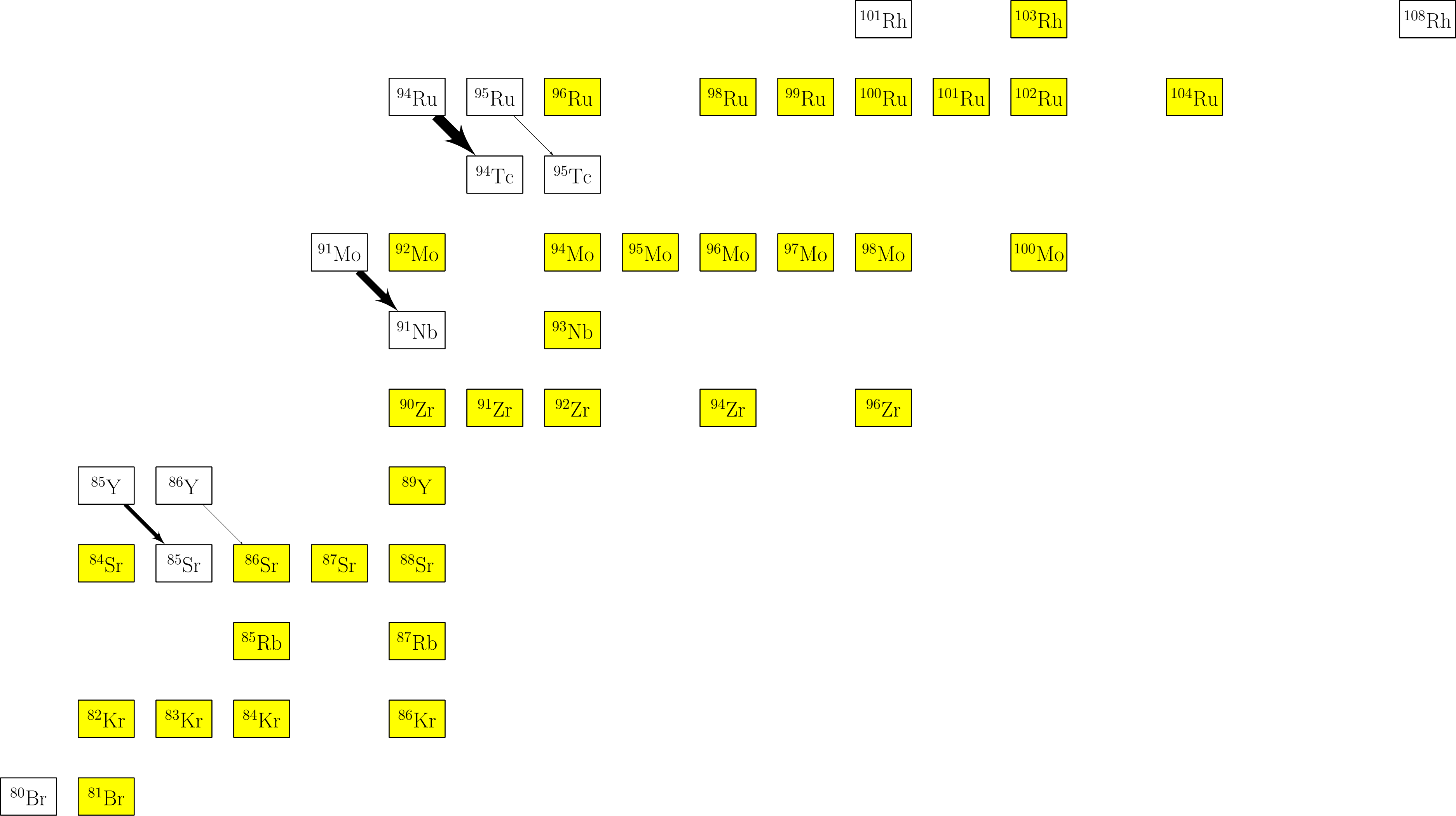
$time(s) = 21.8702 \quad T_9 = 0.408272 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.42411e - 13$



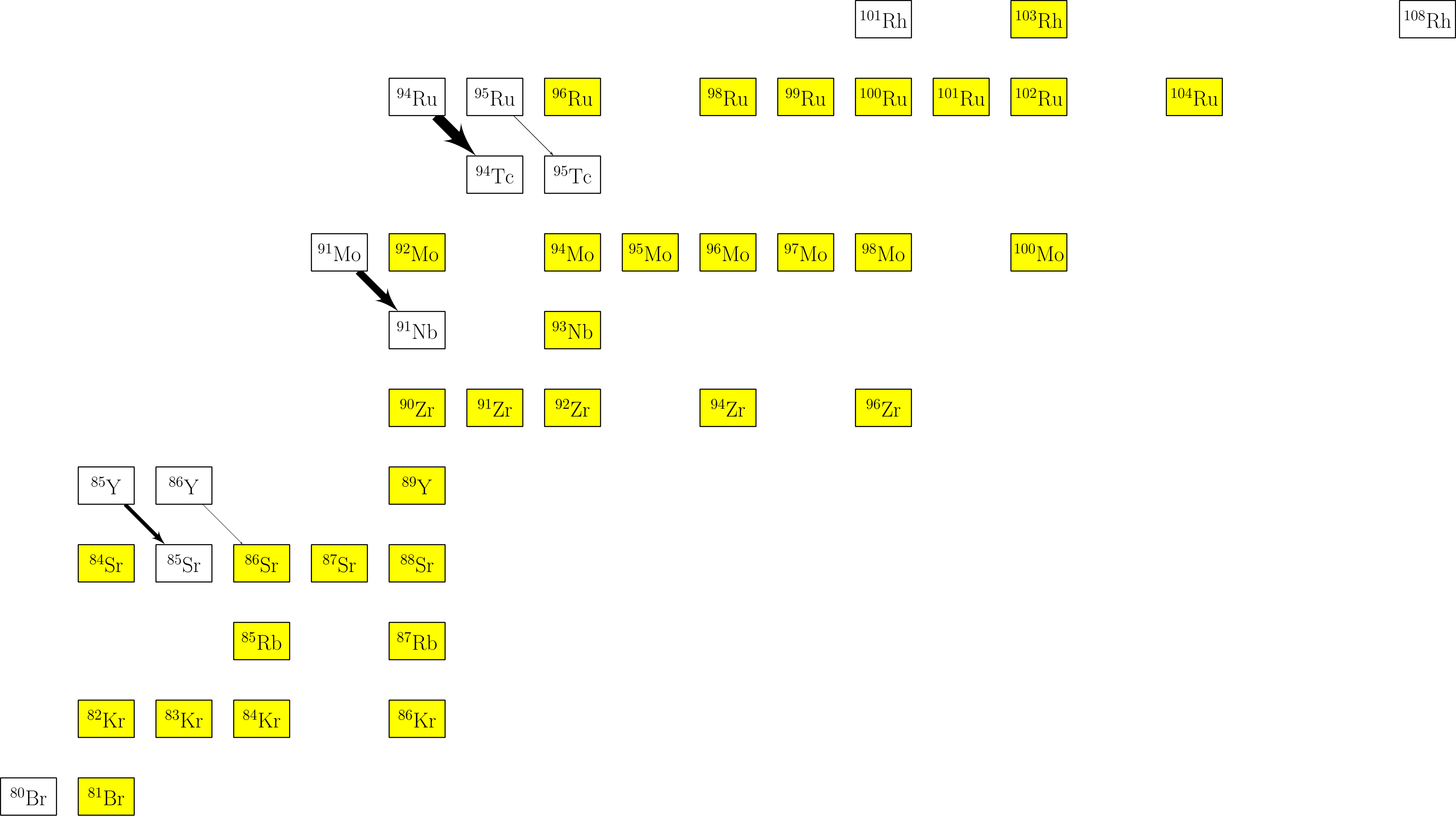
$time(s) = 22.9717 \quad T_9 = 0.392318 \quad \rho(g/cc) = 1e + 07 \quad flow_{max} = 2.42352e - 13$



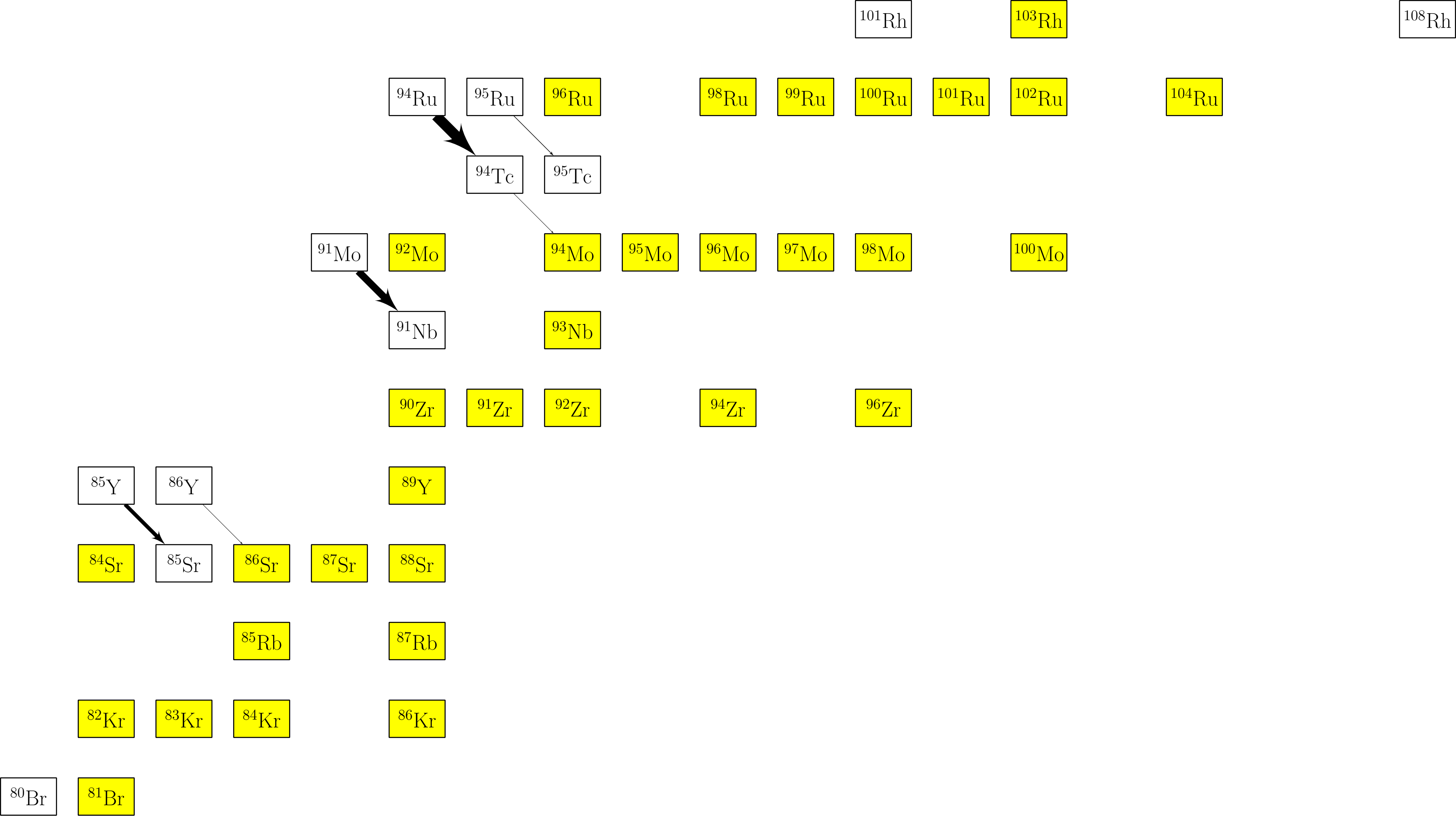
$time(s) = 25.1509$      $T_9 = 0.369226$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.42234e - 13$



$time(s) = 29.3773$     $T_9 = 0.332285$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 2.42006e - 13$

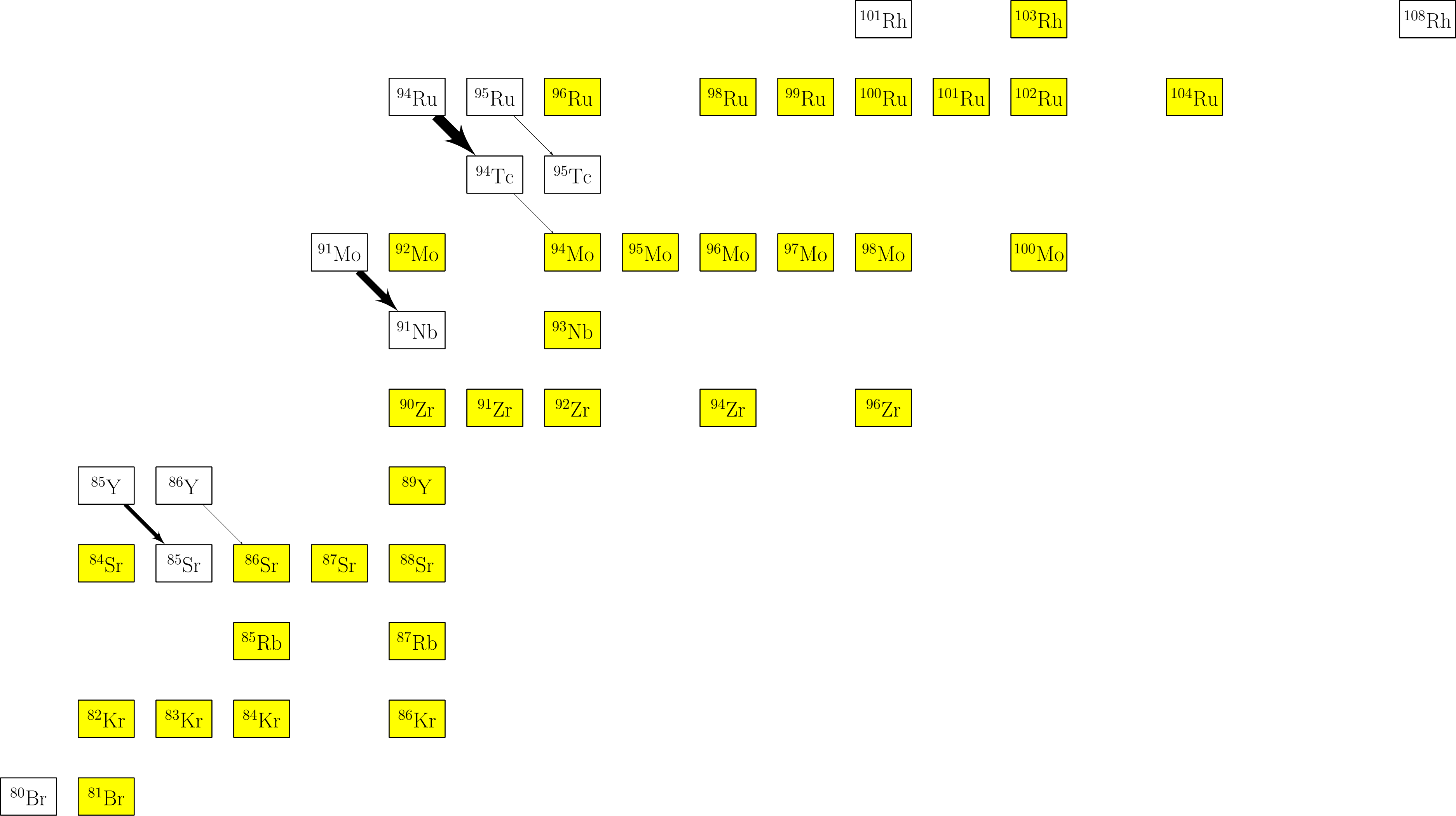


$time(s) = 34.8861$      $T_9 = 0.300426$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.41709e - 13$

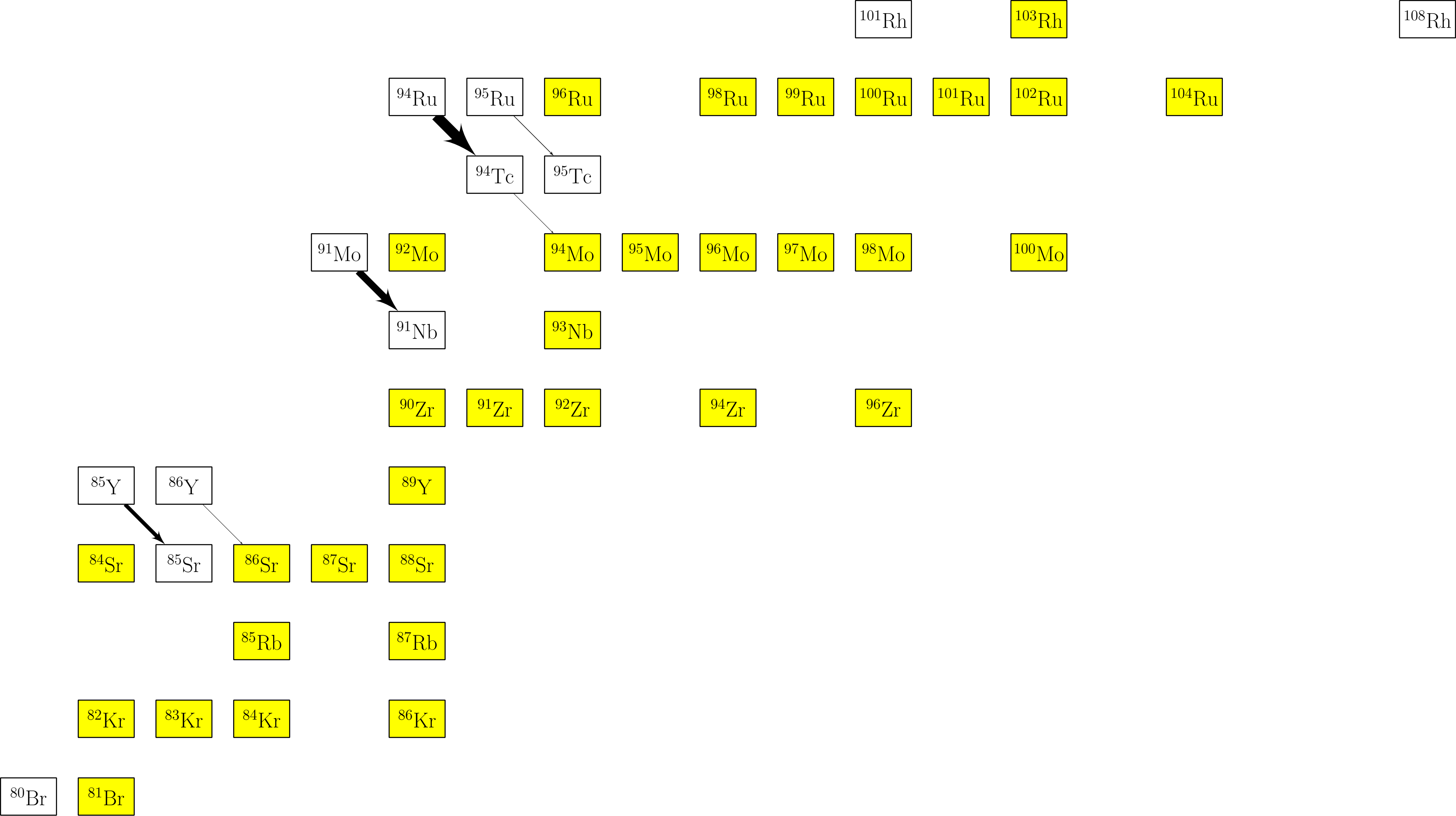


$time(s) = 41.9134$      $T_9 = 0.272254$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.41331e - 13$

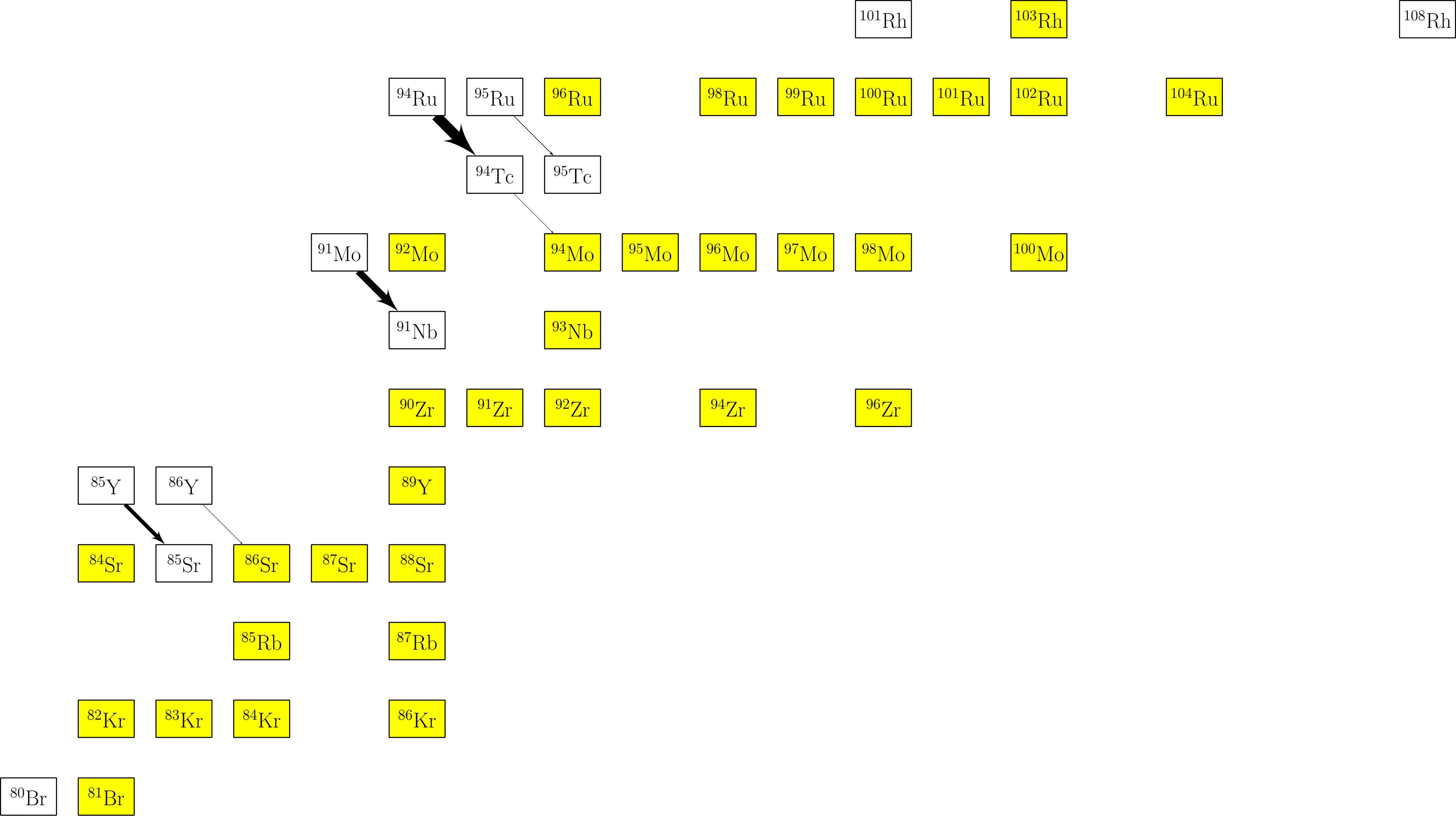




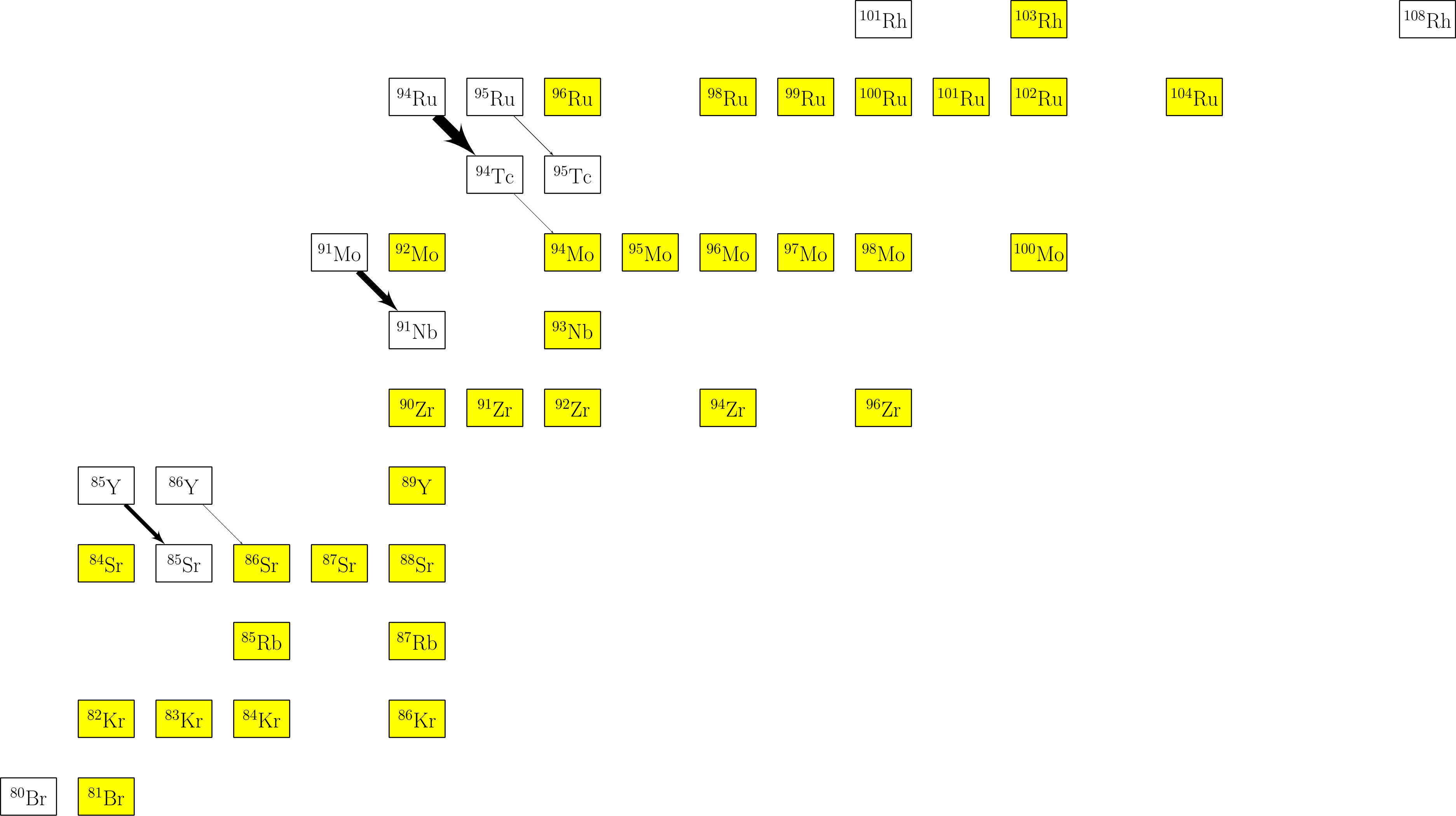
$time(s) = 52.1837$      $T_9 = 0.245186$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.40779e - 13$



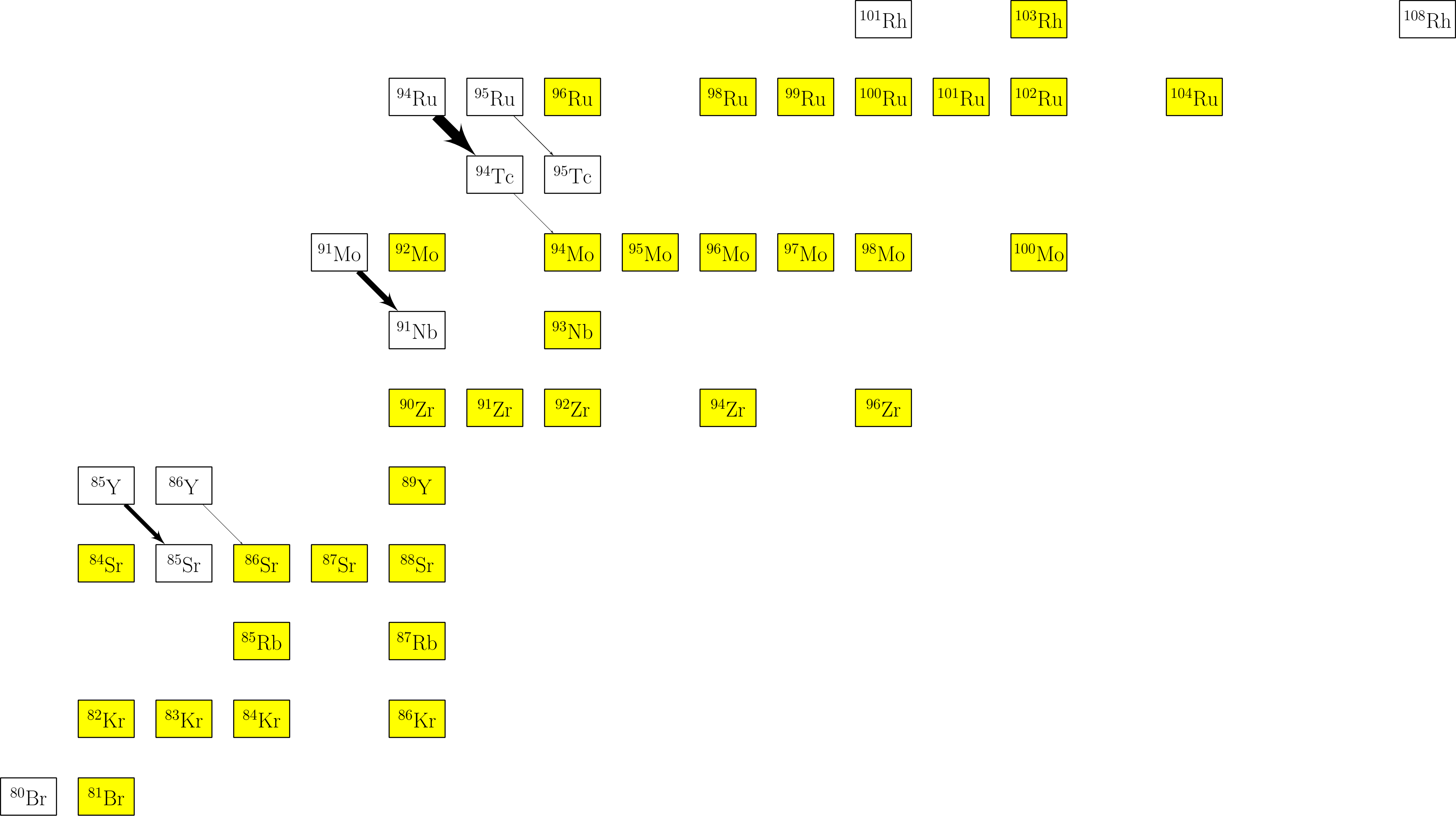
$time(s) = 72.2573$      $T_9 = 0.212953$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.39705e - 13$



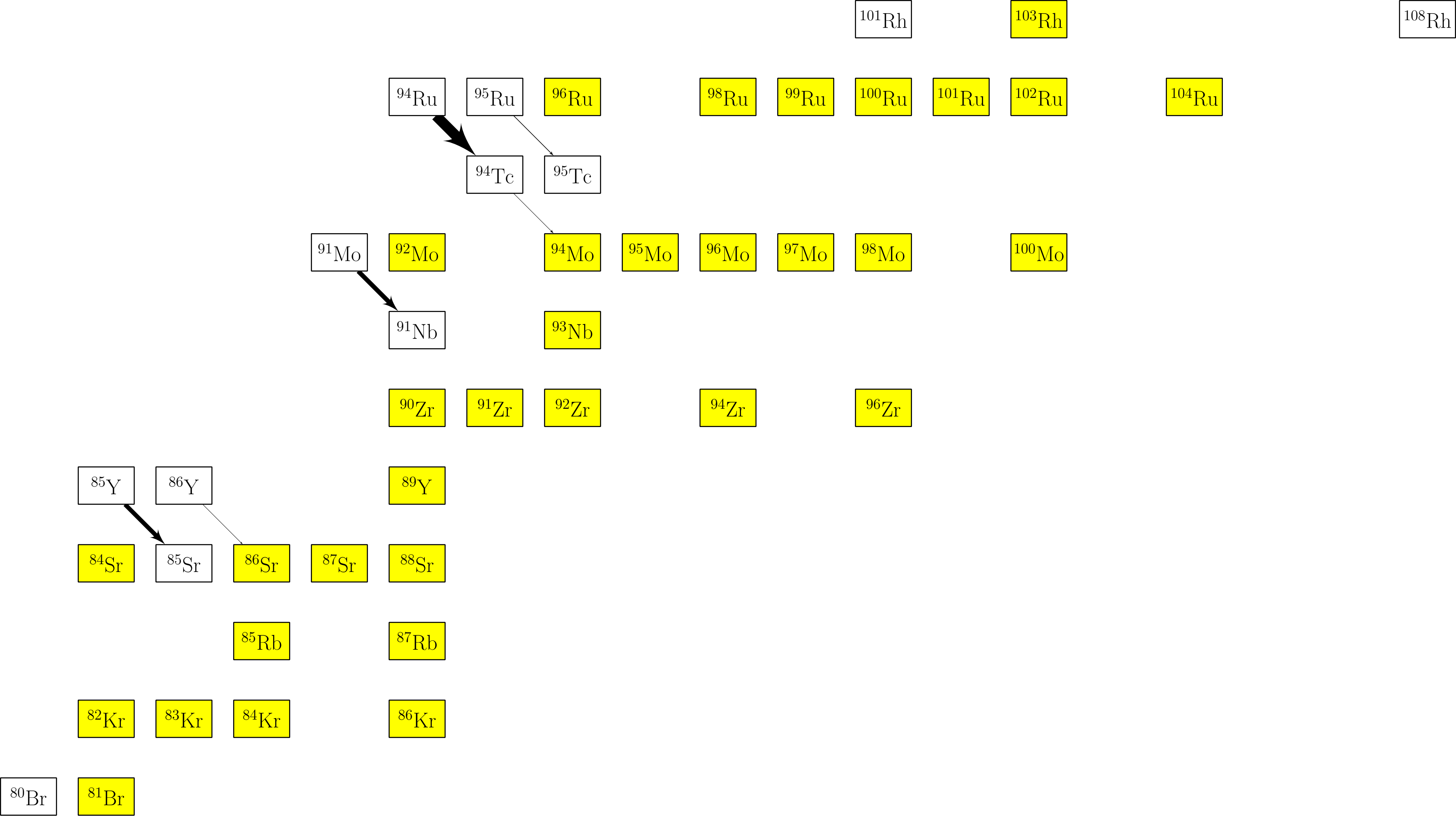
$time(s) = 129.707$      $T_9 = 0.169027$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.36657e - 13$



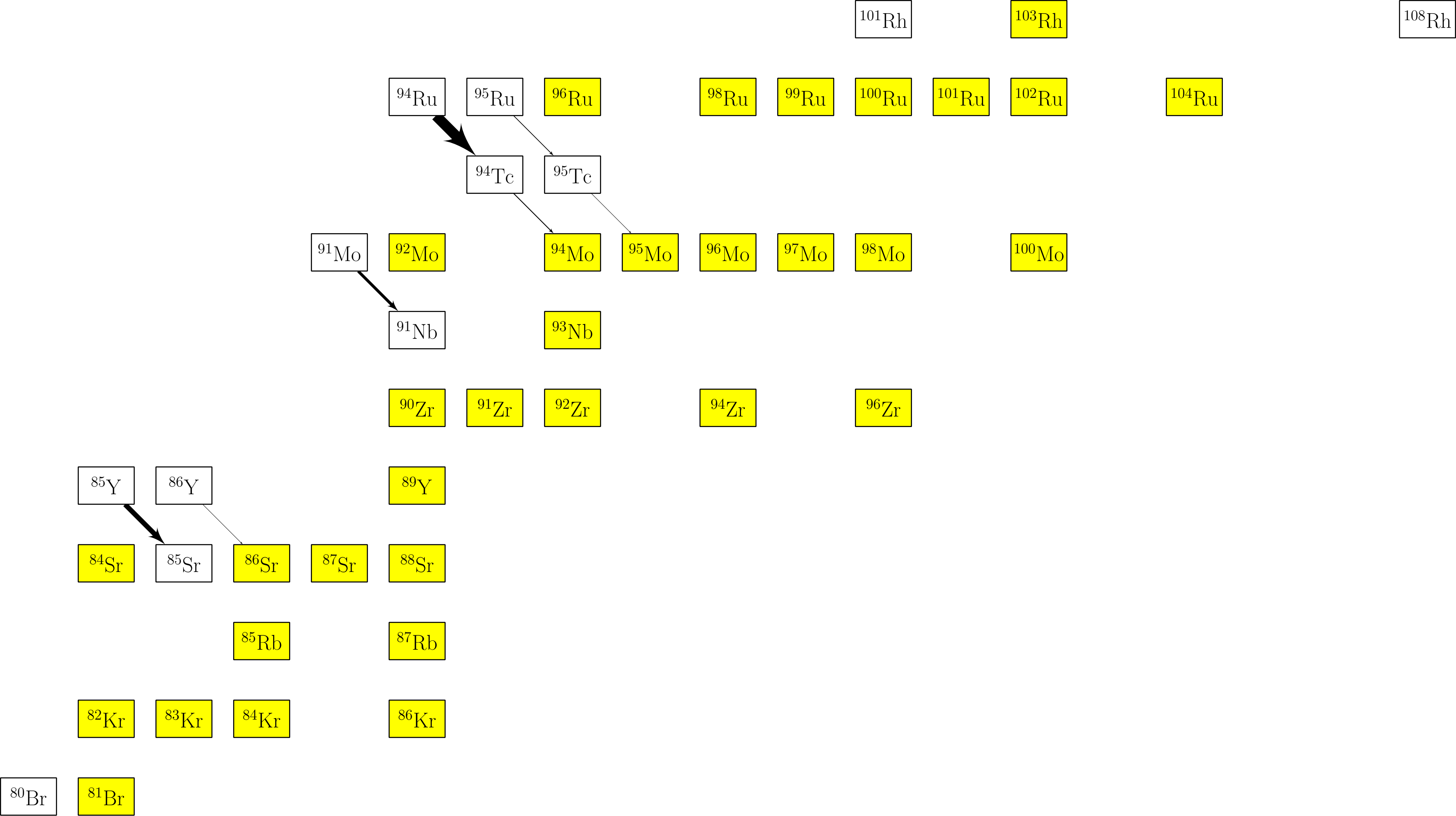
$time(s) = 245.857$      $T_9 = 0.131238$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.30617e - 13$



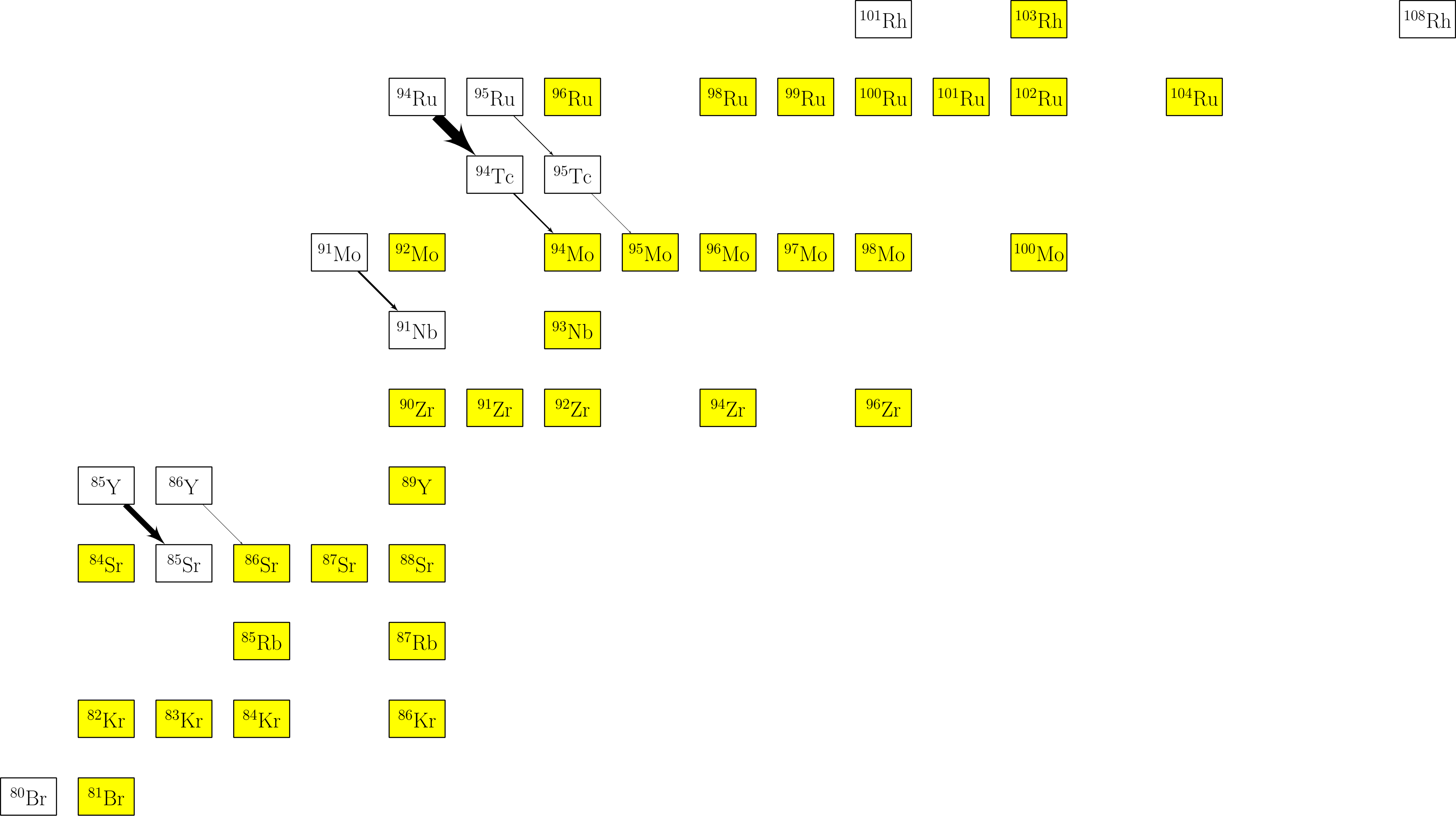
$time(s) = 459.443$      $T_9 = 0.105044$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.19922e - 13$



$time(s) = 911.578$      $T_9 = 0.0826866$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.98945e - 13$

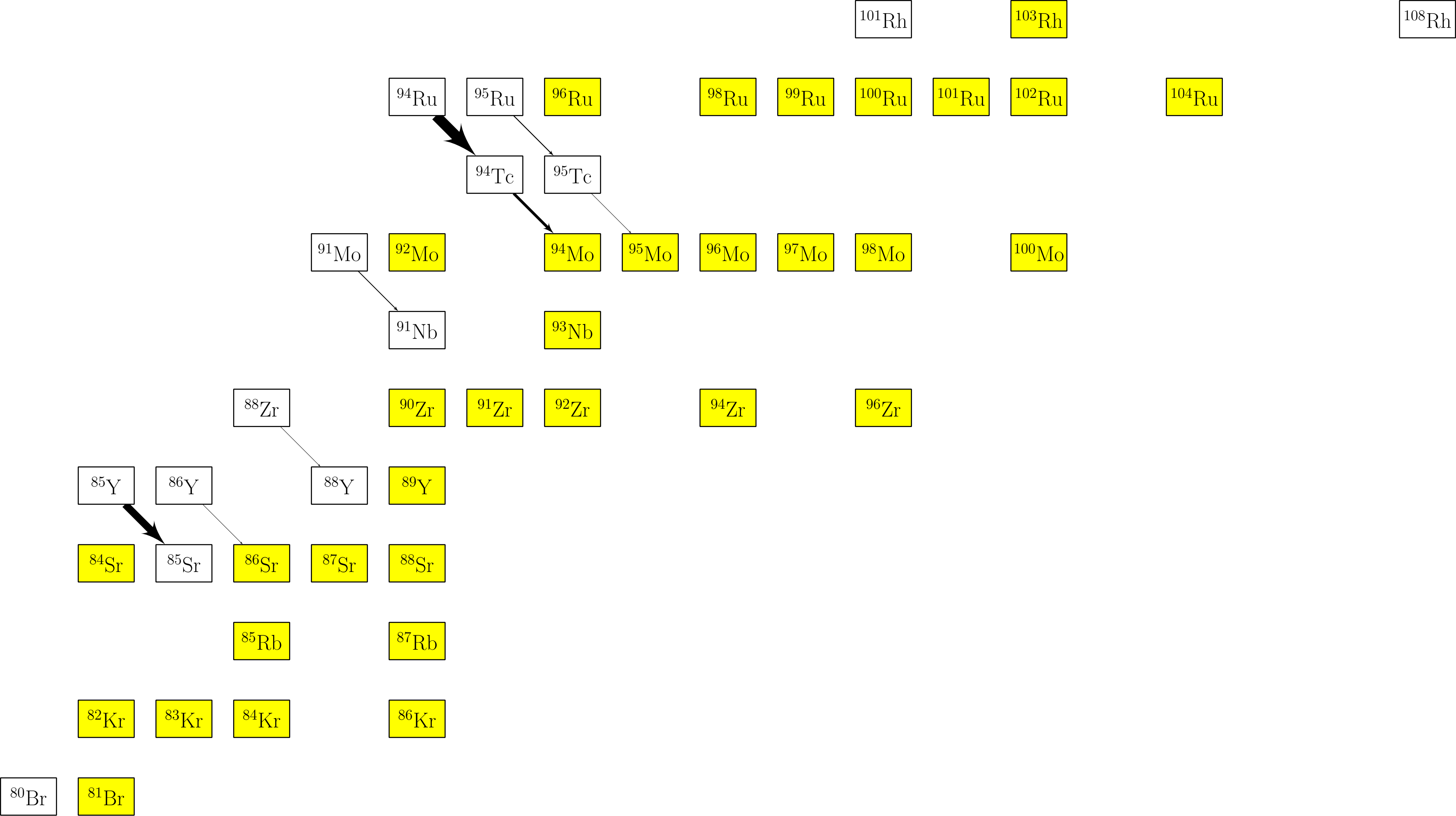


$time(s) = 1813.15$     $T_9 = 0.0646351$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 1.63066e - 13$

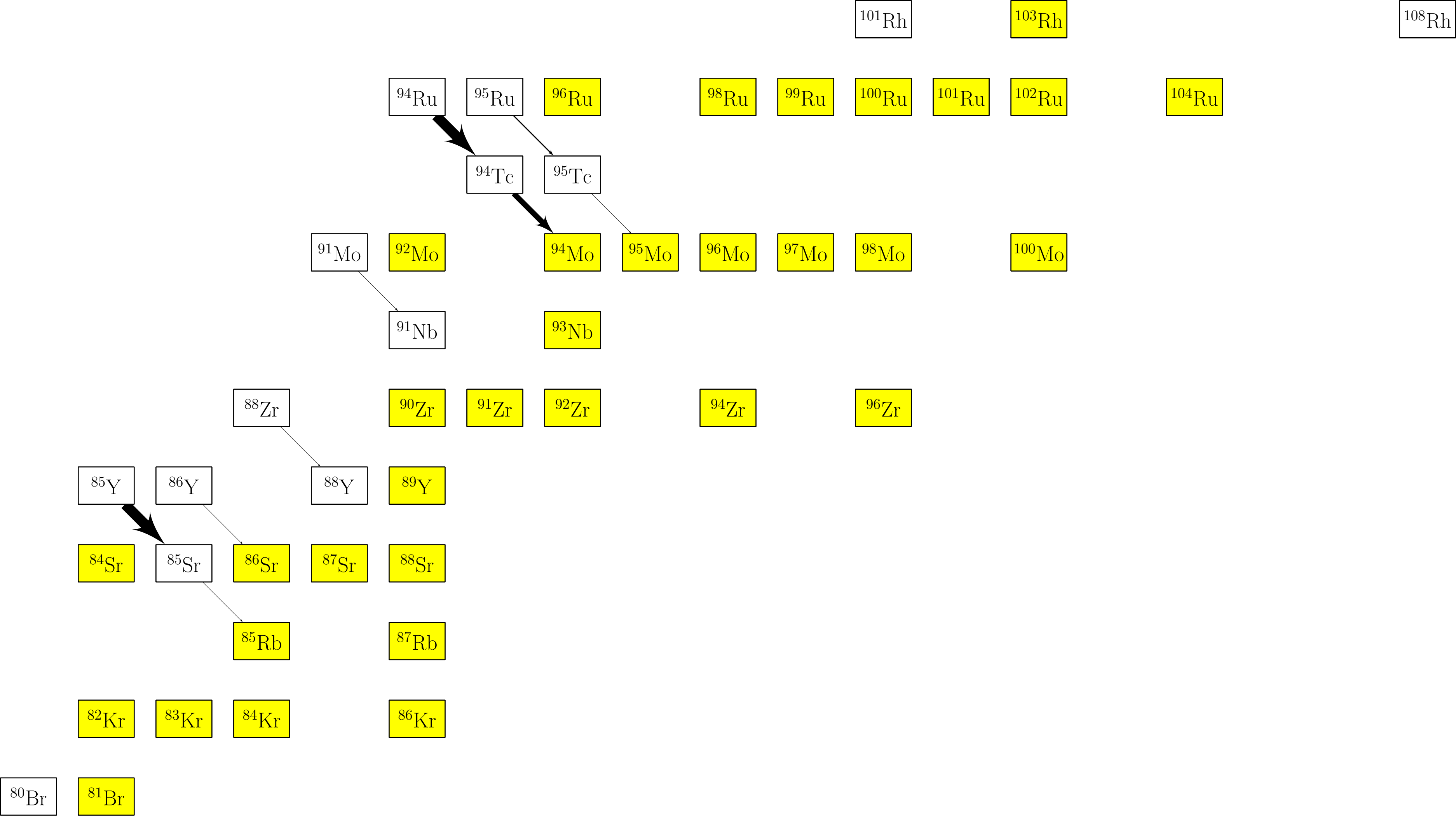


$time(s) = 2657.08$     $T_9 = 0.0570451$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 1.35362e - 13$

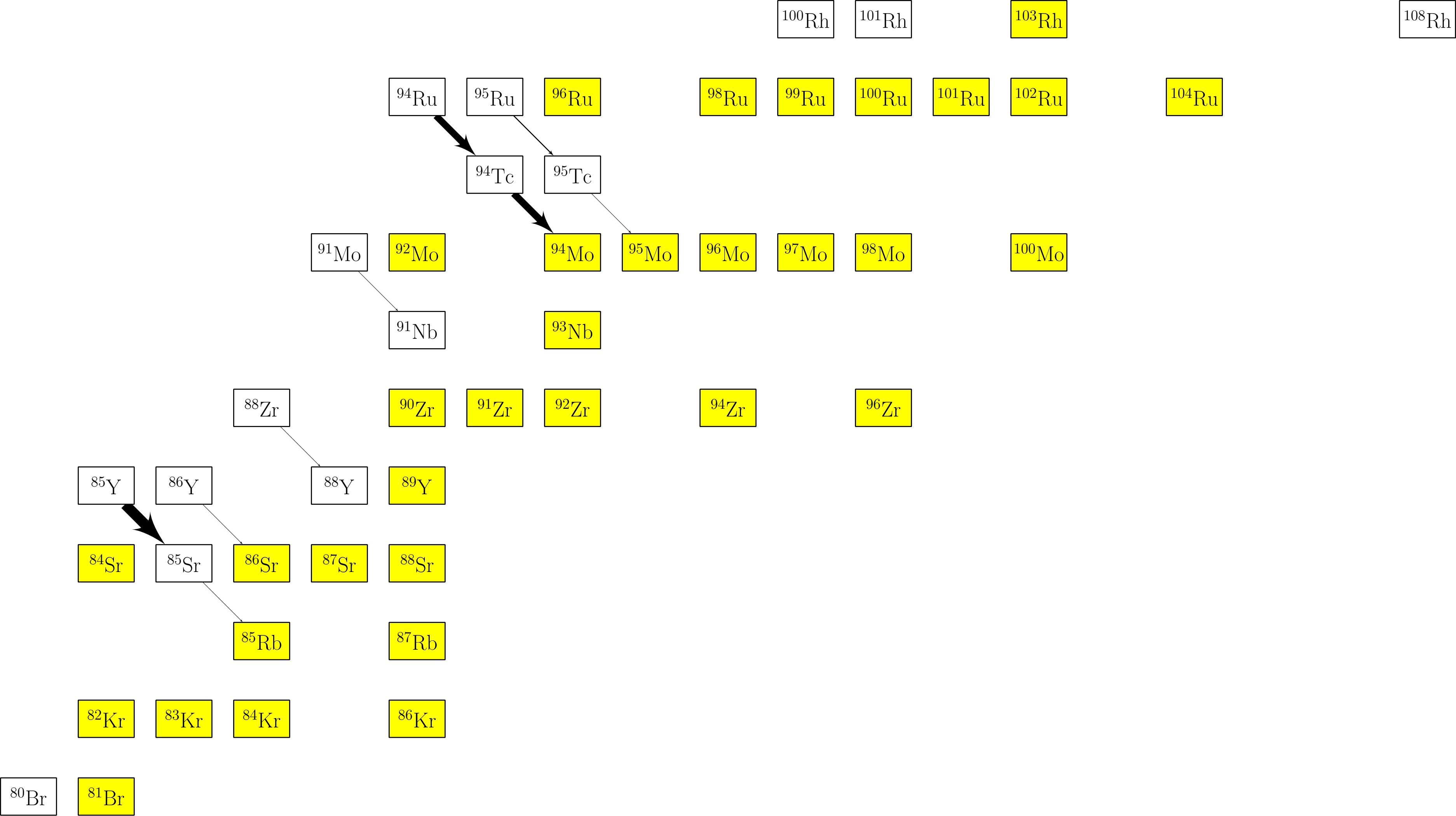




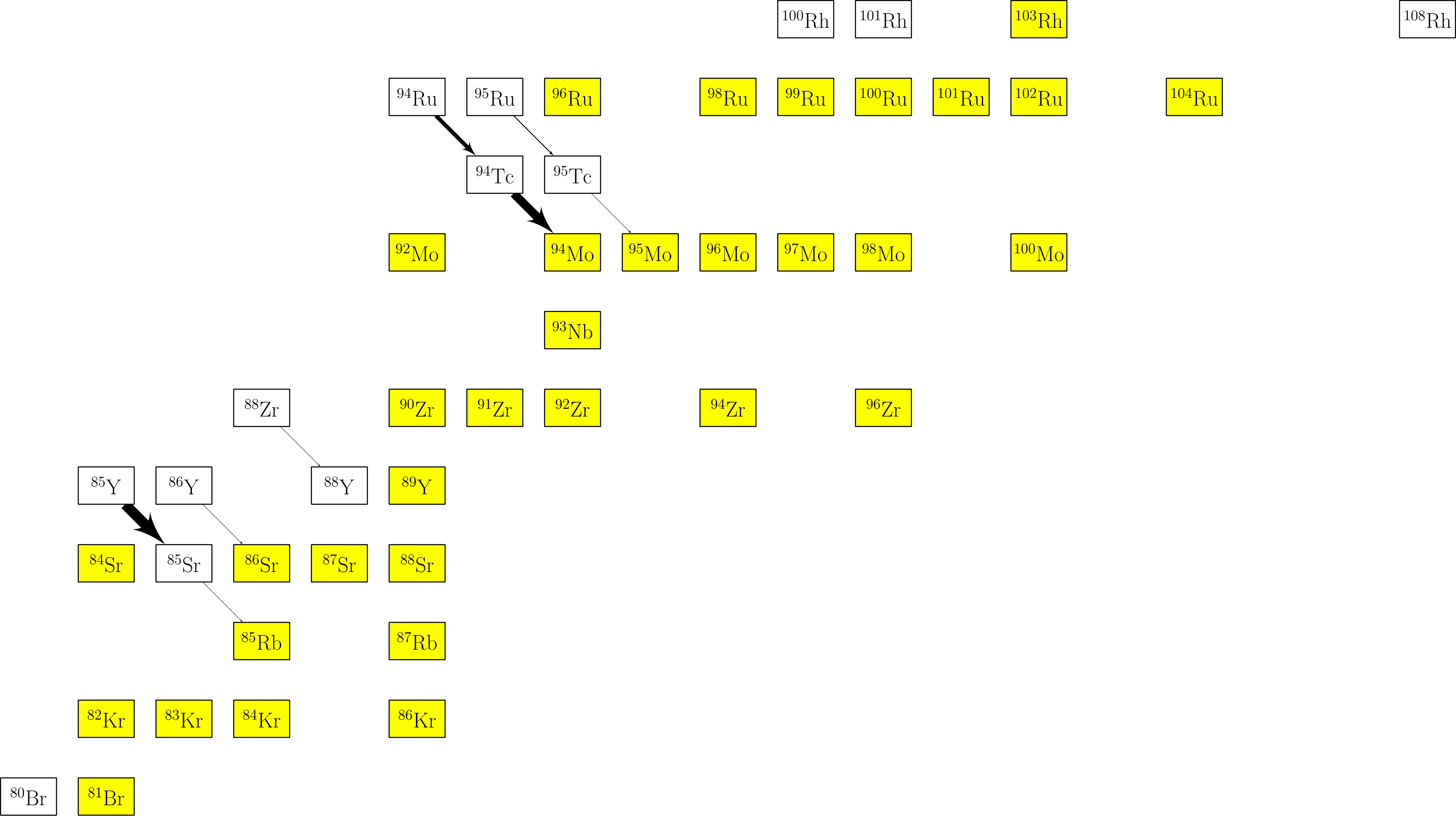
$time(s) = 4462.61$      $T_9 = 0.0483776$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.12797e - 14$



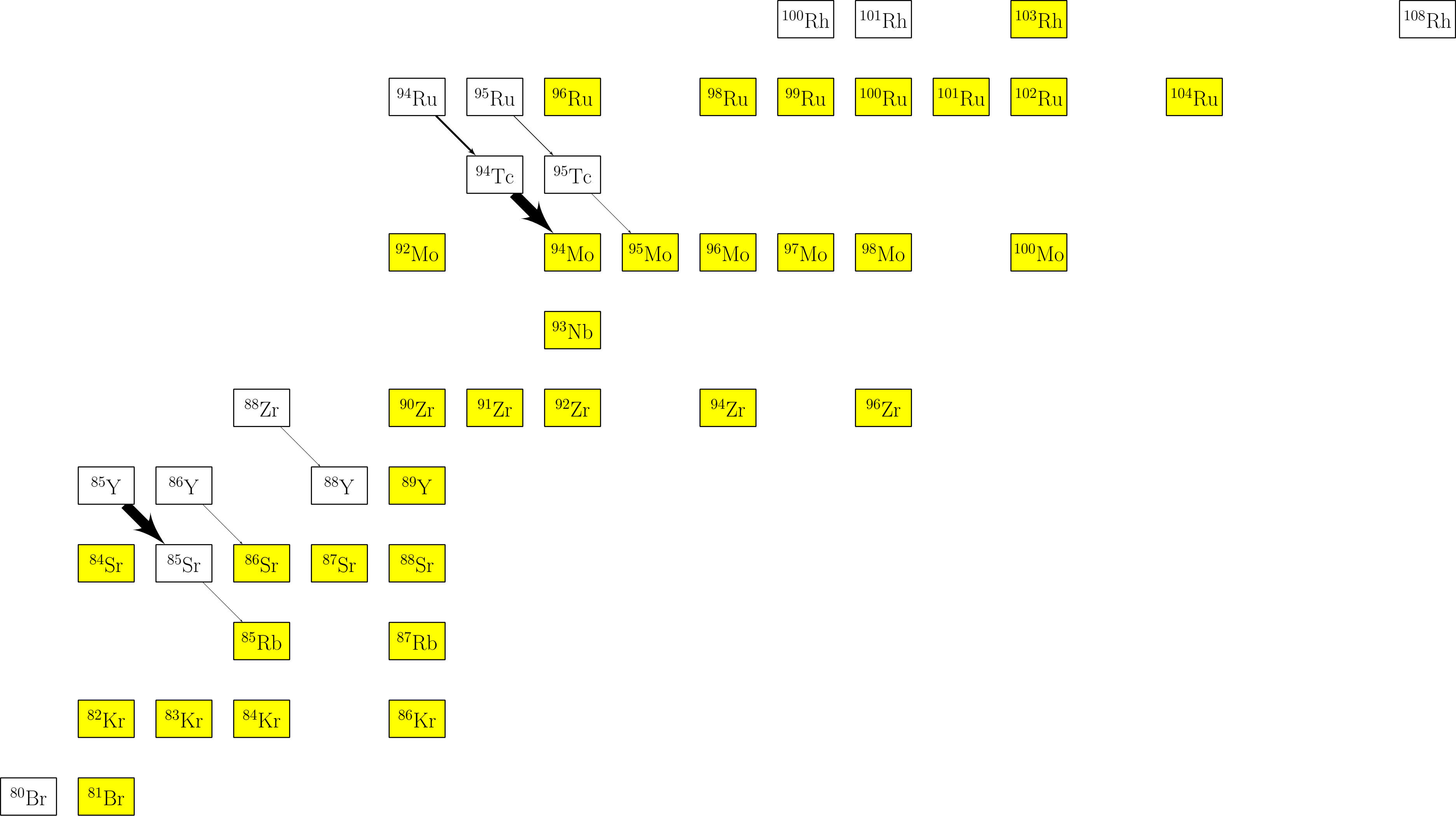
$time(s) = 7045.76$      $T_9 = 0.0414979$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 5.35509e - 14$



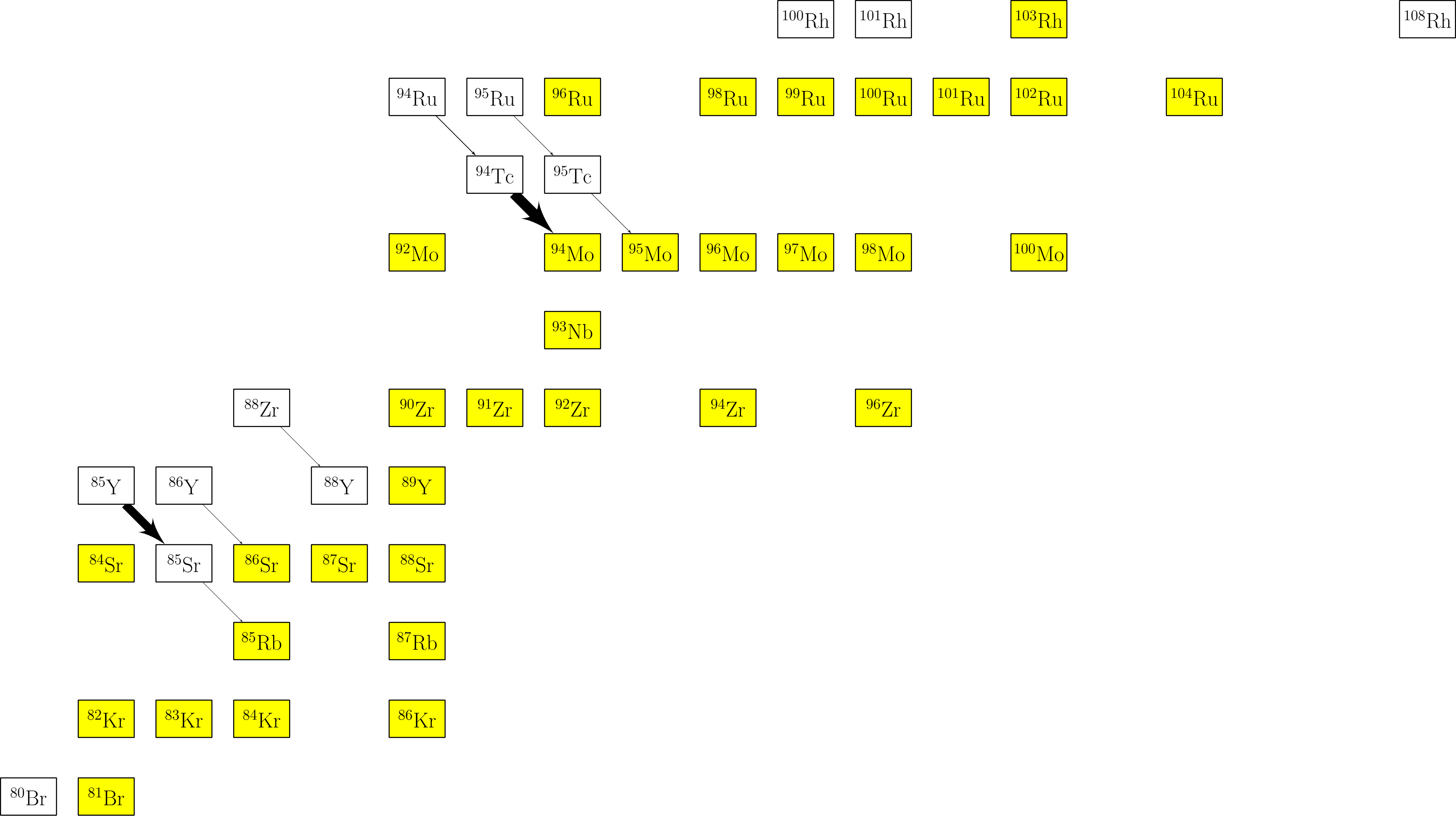
$time(s) = 9900.26$     $T_9 = 0.0373155$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 4.37142e - 14$



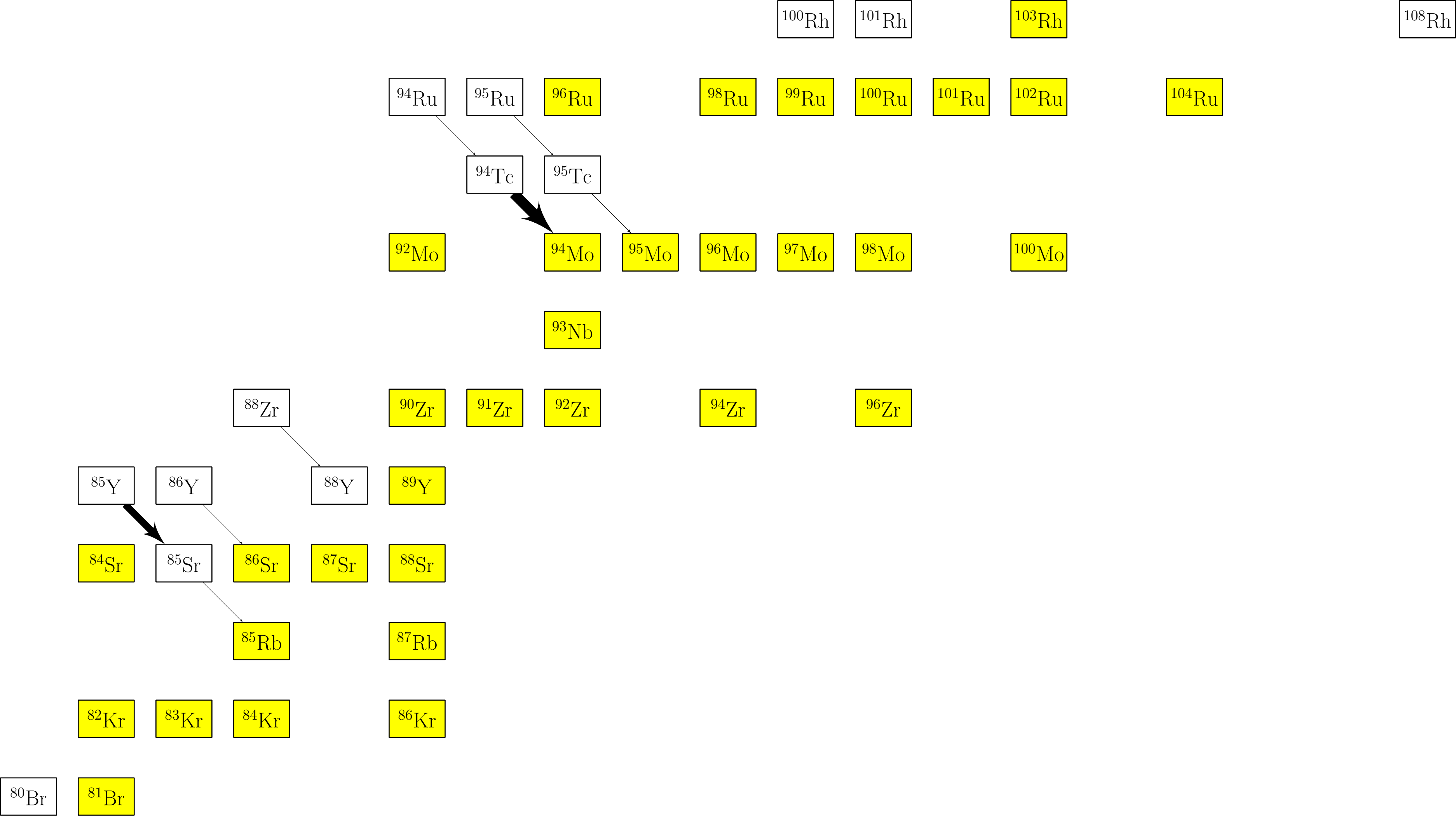
$time(s) = 13473.5$     $T_9 = 0.0341816$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 3.3932e - 14$



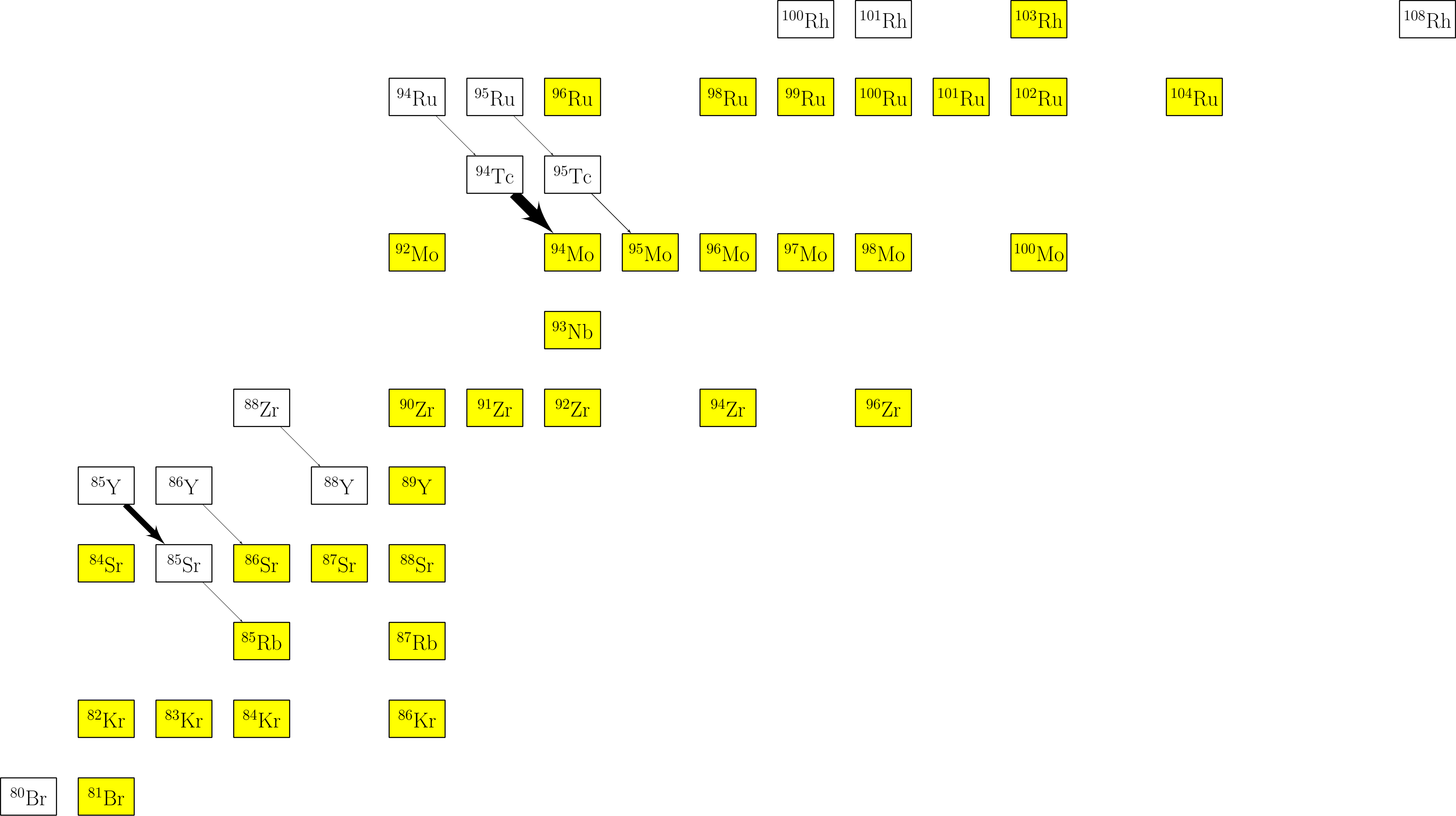
$time(s) = 18522.2$     $T_9 = 0.0312318$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 2.42877e - 14$



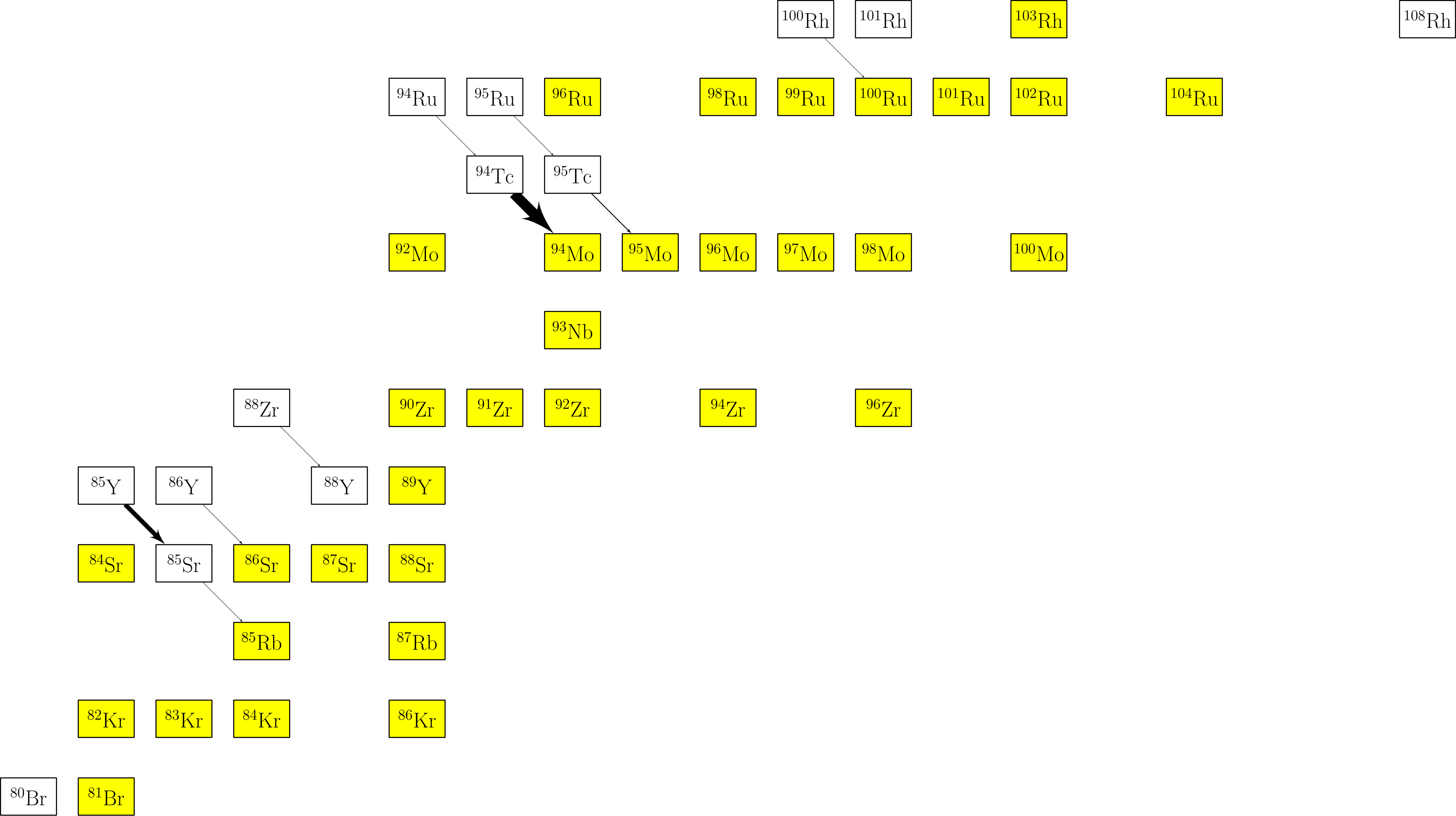
$time(s) = 24018.9$      $T_9 = 0.0291724$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.00818e - 14$



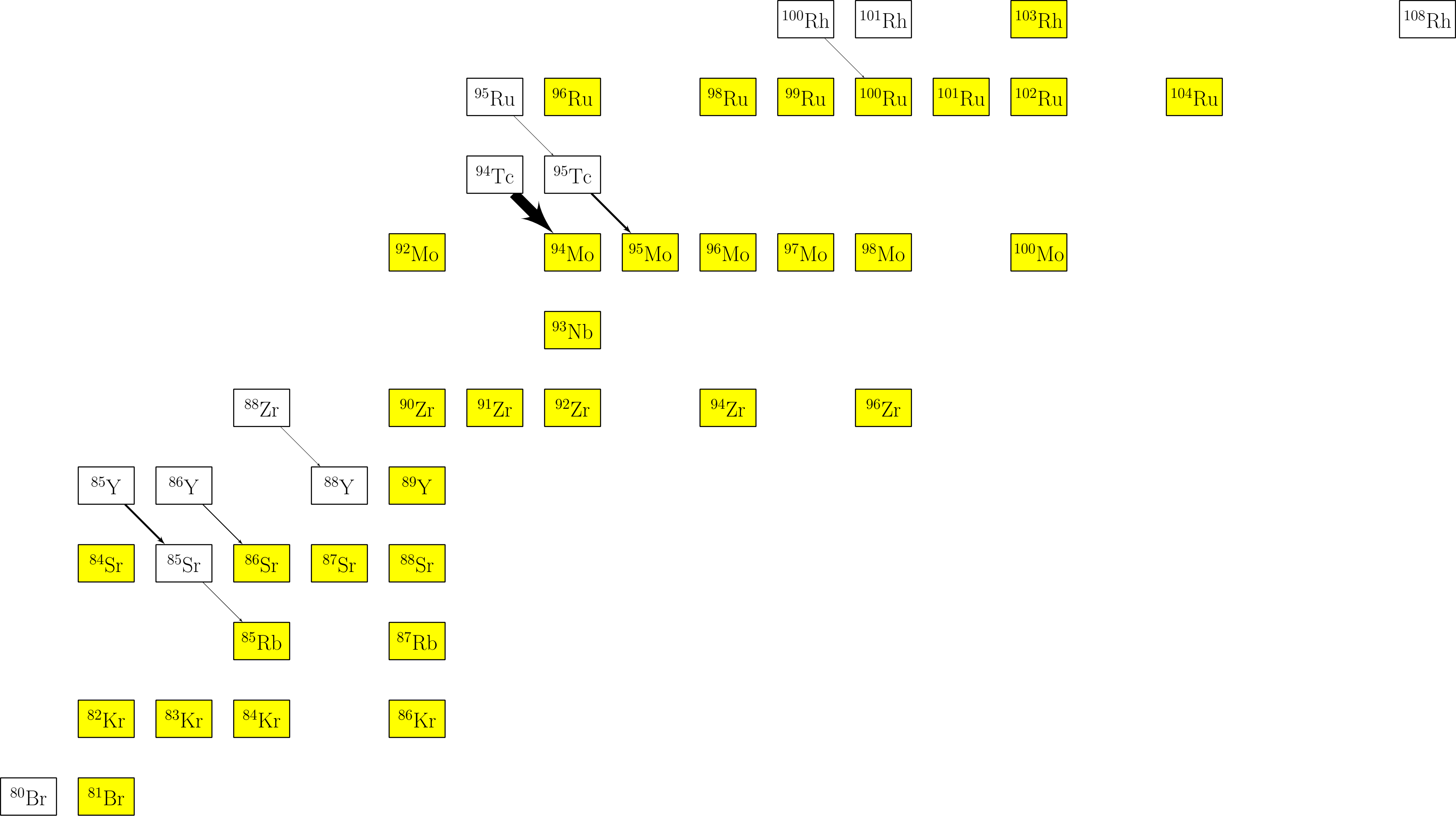
$time(s) = 29515.5$      $T_9 = 0.0277585$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.63604e - 14$



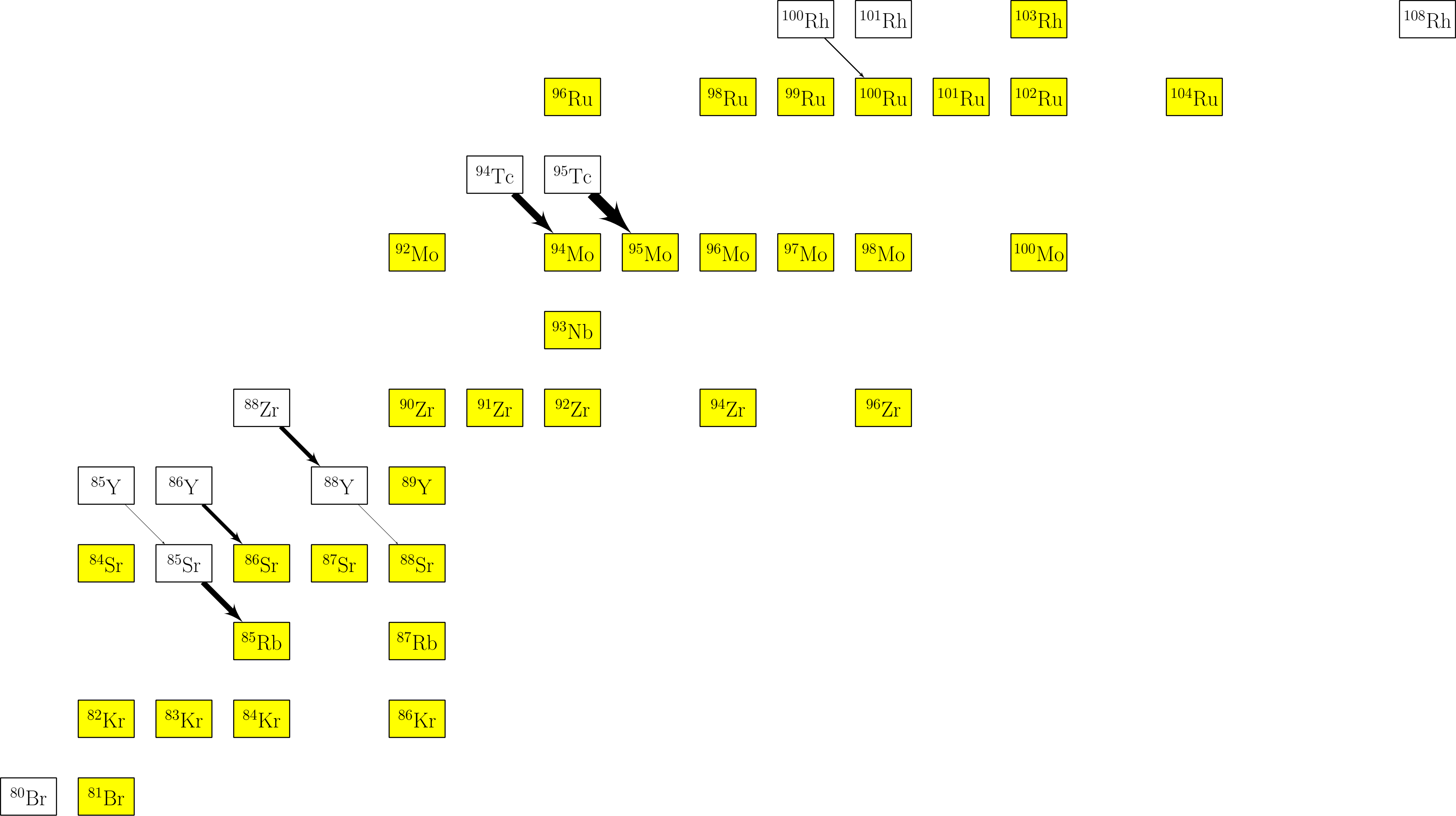




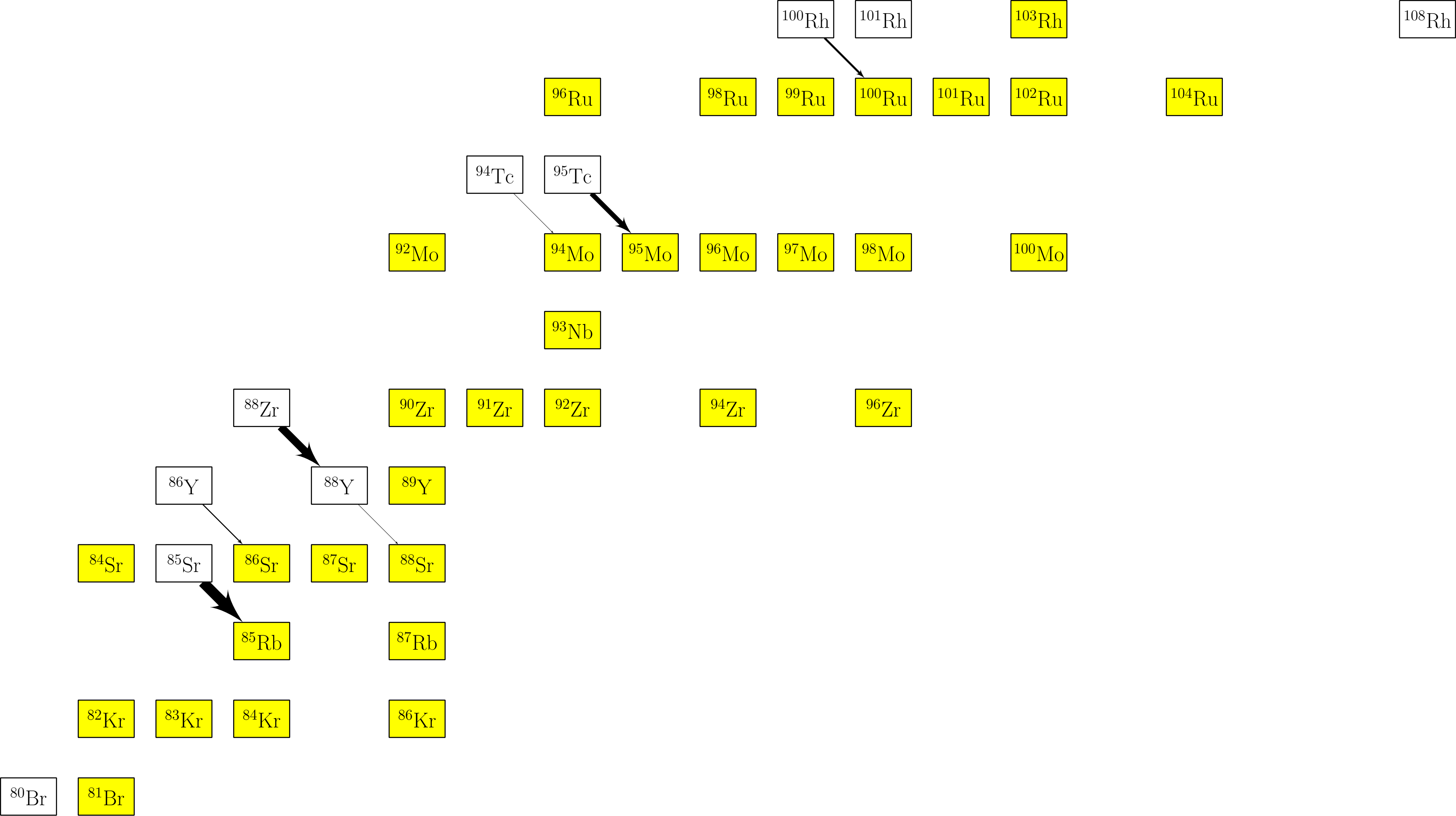
$time(s) = 43656.7$      $T_9 = 0.0256188$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 9.50592e - 15$

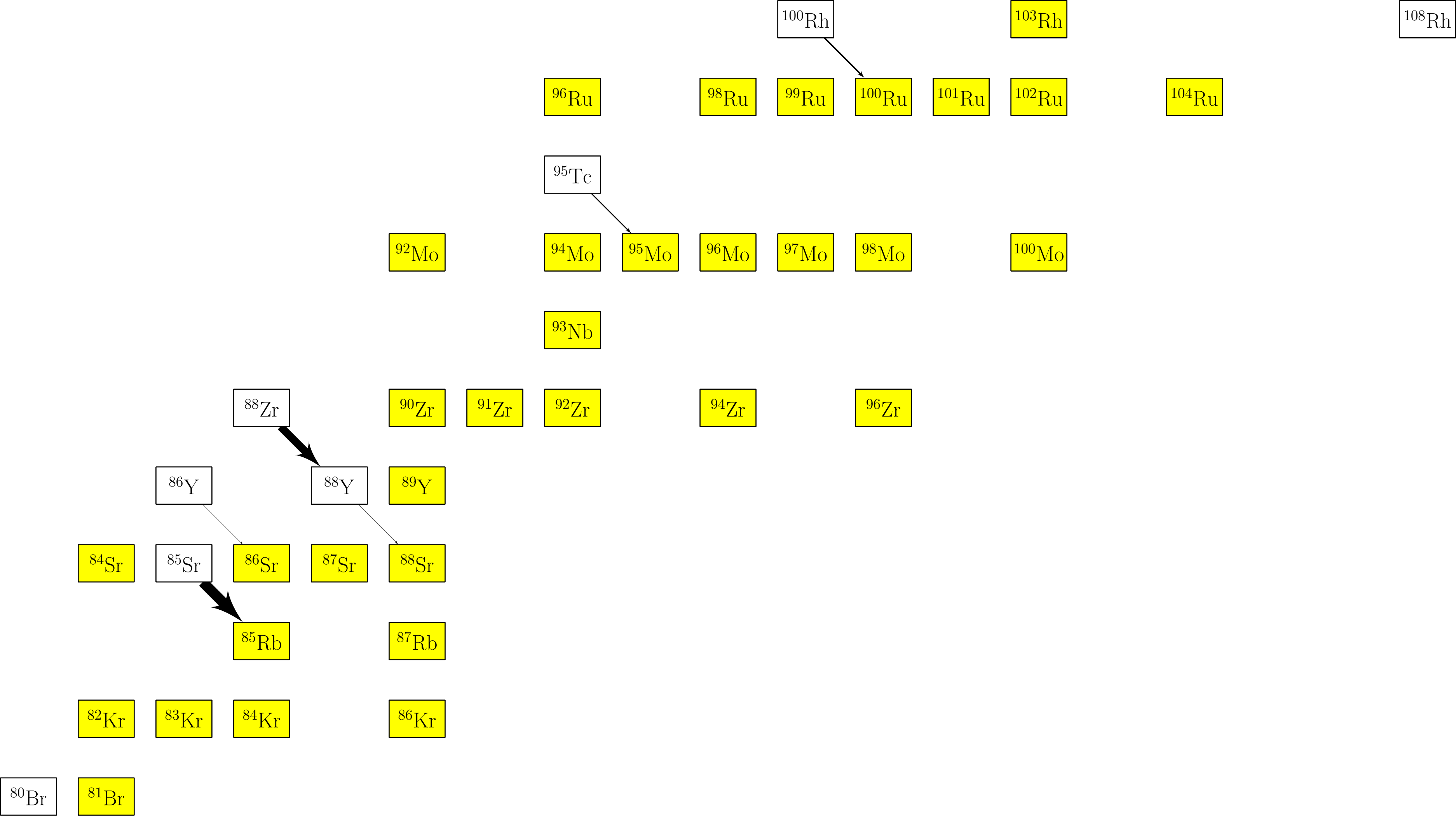


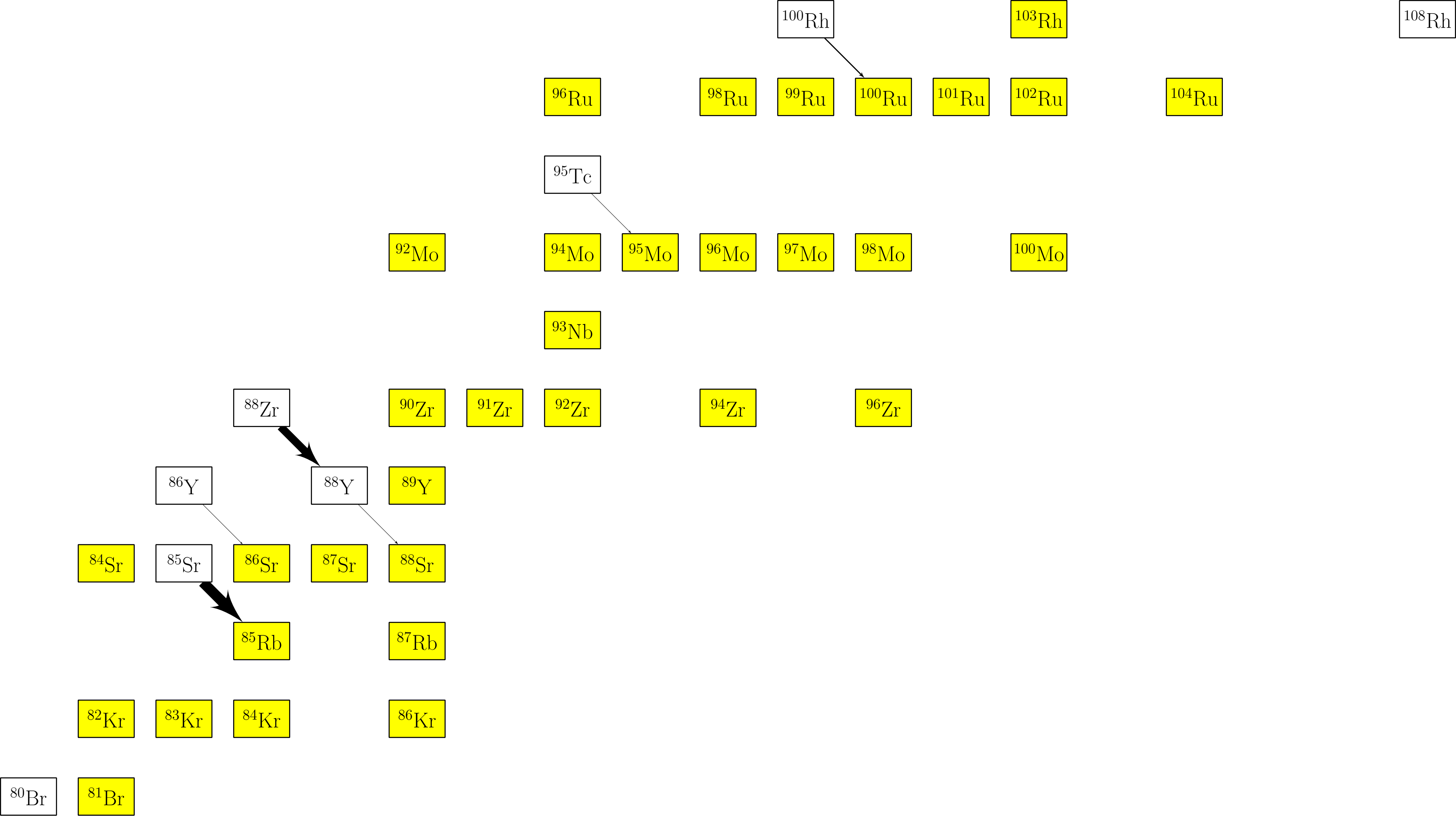
$time(s) = 74185.4$     $T_9 = 0.0232365$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 3.07065e - 15$



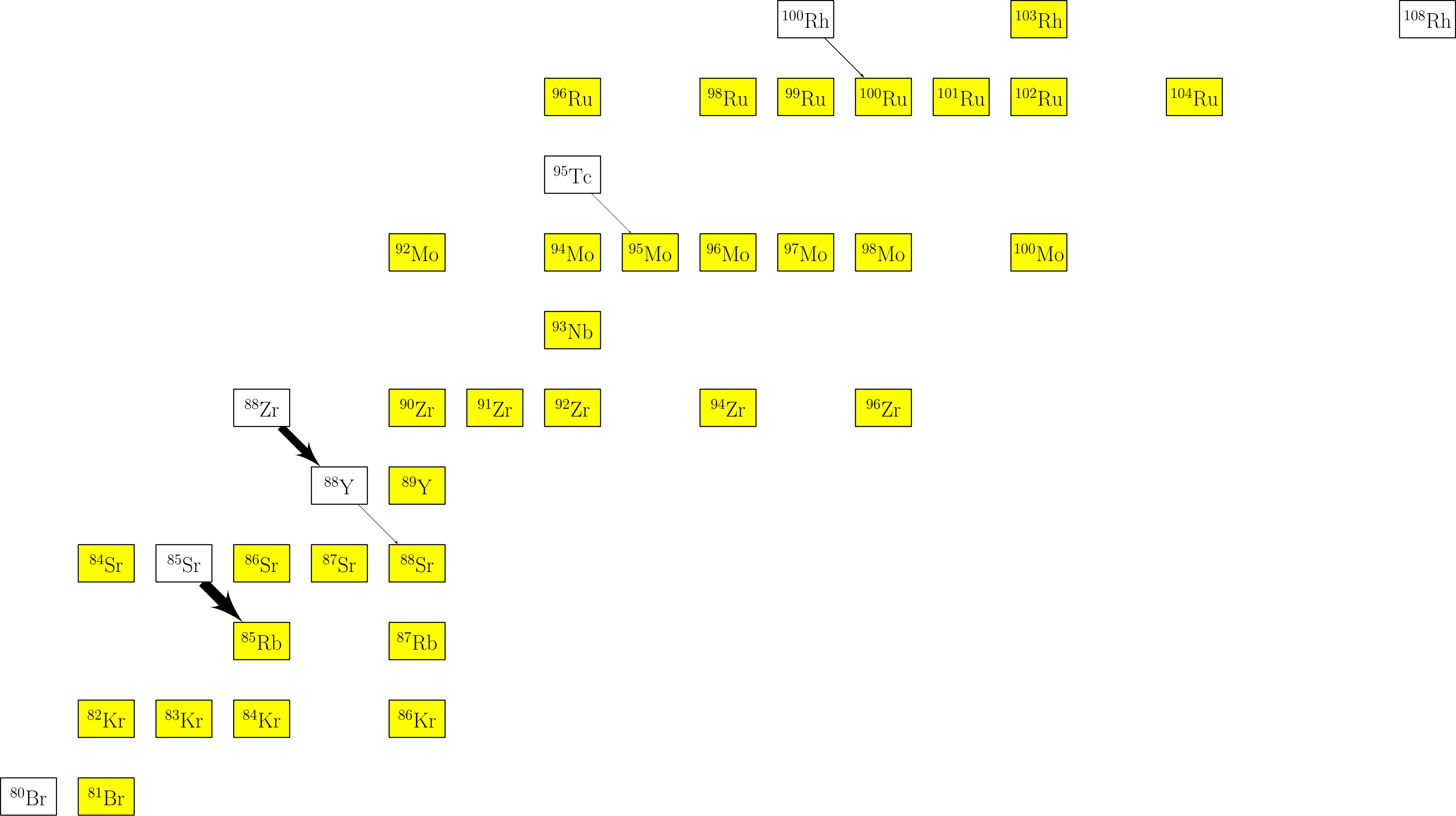
$time(s) = 156473$      $T_9 = 0.0201324$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 2.79063e - 16$



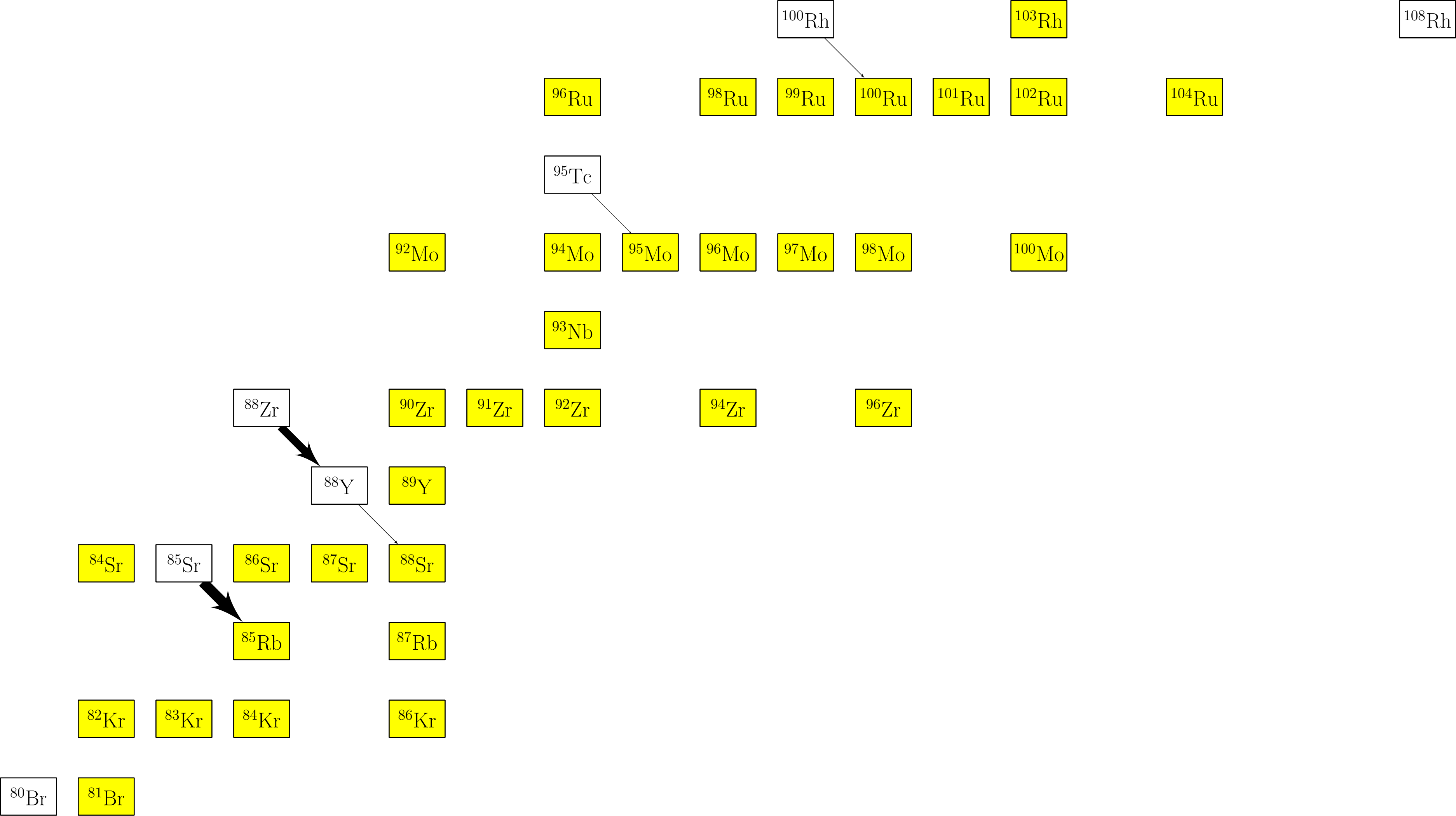




$time(s) = 650090$      $T_9 = 0.0141903$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.4089e - 16$

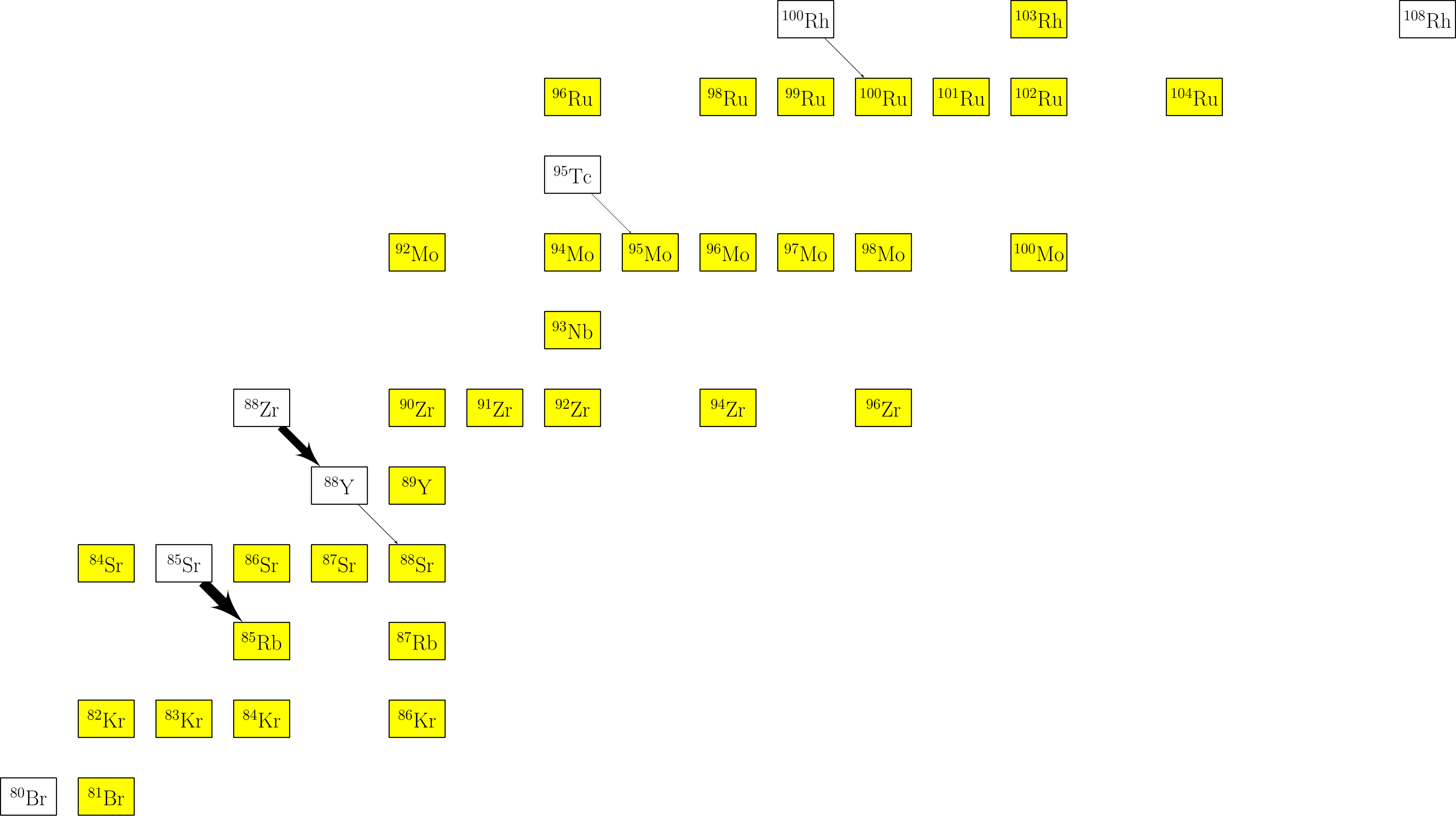


$time(s) = 818014$      $T_9 = 0.0134254$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.37994e - 16$



$time(s) = 985938$      $T_9 = 0.0131872$      $\rho(g/cc) = 1e + 07$      $flow_{max} = 1.35159e - 16$





$time(s) = 1e + 06$     $T_9 = 0.013089$     $\rho(g/cc) = 1e + 07$     $flow_{max} = 1.34924e - 16$