Some of the possible sequences for the evolution of a mid-sized star from formation to final end product

A

5 10 7 23 11 13 20

B

5 8 10 7 23 13 11 2

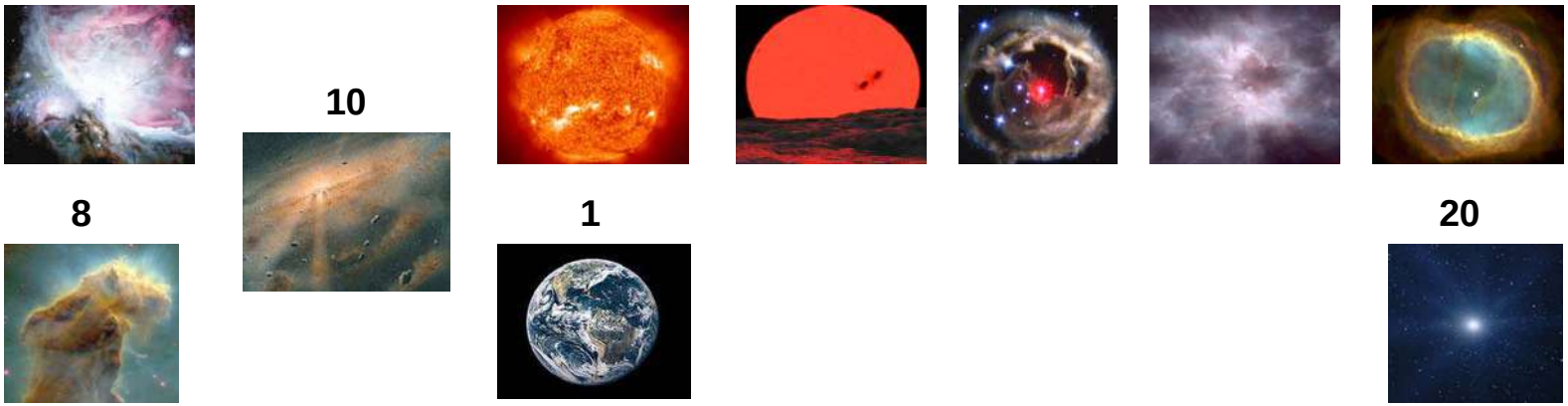
C

8 14 21 7 6 13 2

D

5 10 7 23 6 11 13

8 1 20



Some of the possible sequences for the evolution of a mid-sized star from formation to final end product

E

10

14

1

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5

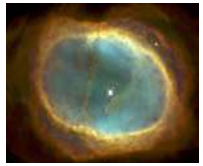
23

20

6

11

13



Some of the possible sequences for the evolution of a massive star from formation to final end products

A

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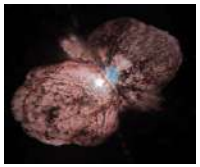
10 
15 
9 
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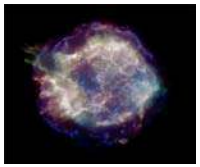
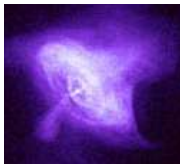
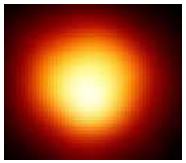
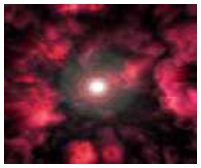
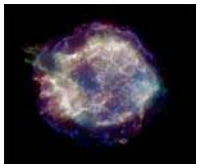
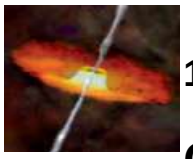
12 
24 

B

8 
14 
10 
15 
4 
19 
12 
16 
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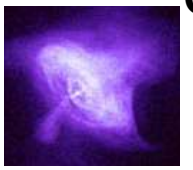
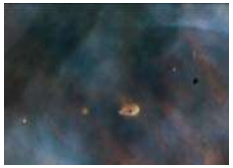
24 

C

8 
14 
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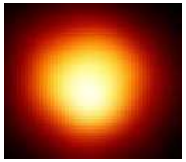
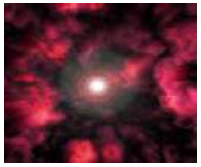
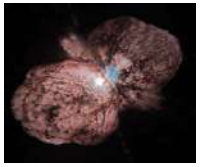
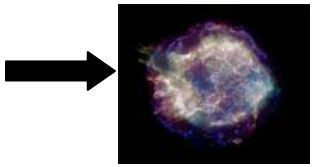
4 
19 
9 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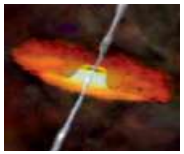

16
OR

24


17


5

Some of the possible sequences for the evolution of a massive star from formation to final end products

D

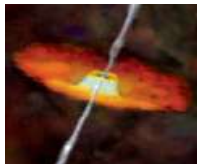
5

8

17

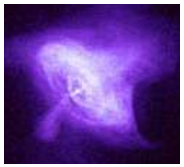
14

16



OR

24



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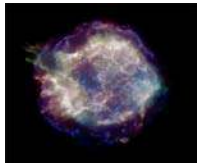
12



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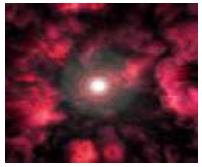
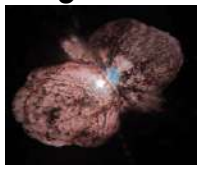
19

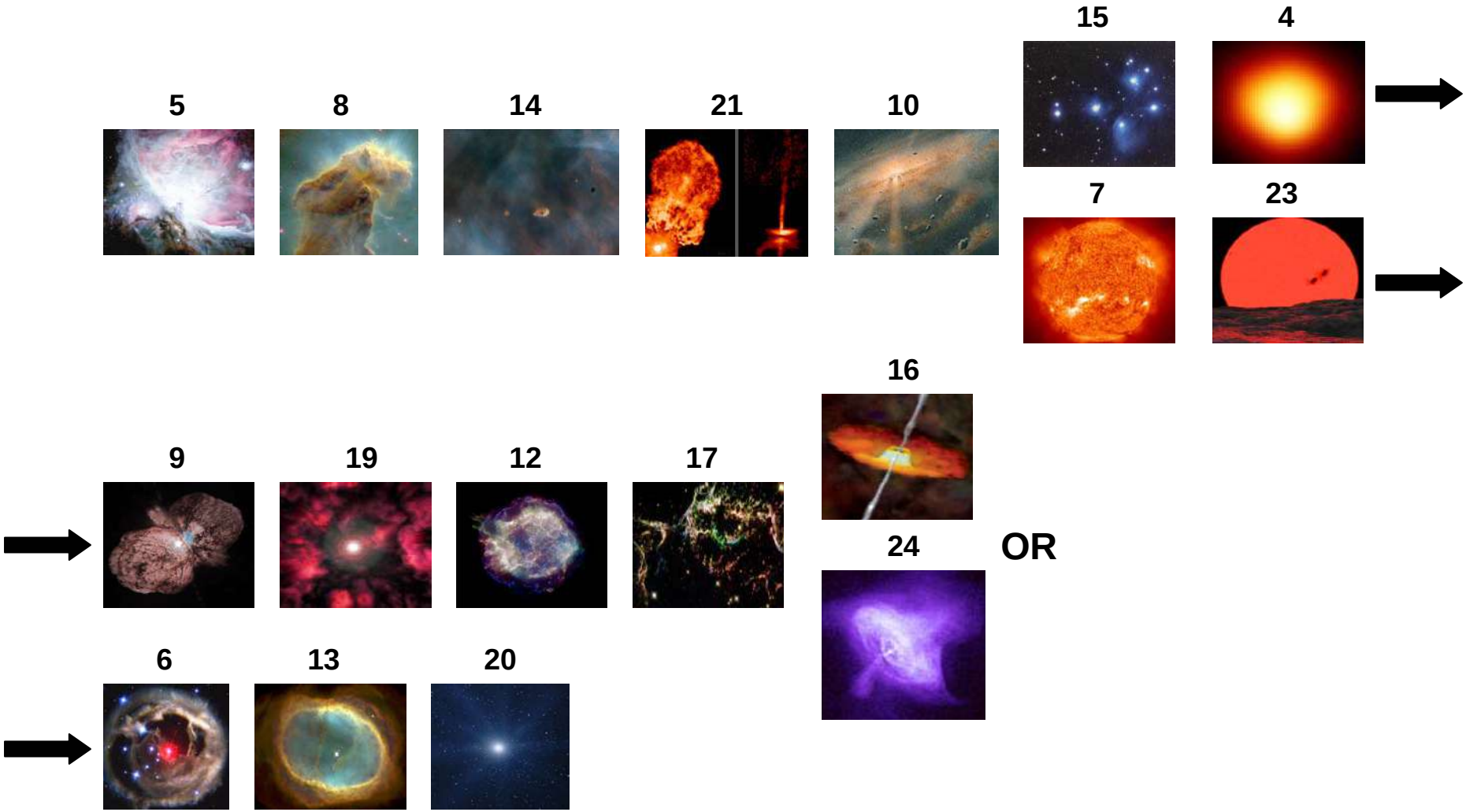


4

9



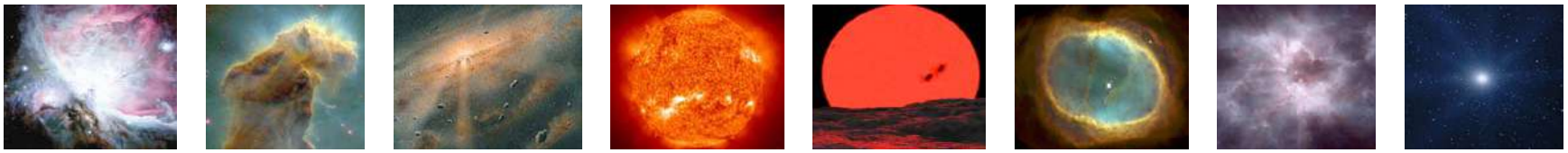
The evolution of a massive star and a mid-sized star from formation to final end products from different fragments within the same stellar nursery



Some of the possible sequences for the evolution of a mid-sized star to a Type Ia supernova event

A

5 8 10 7 23 13 11 20



18 22 3

B

8 14 21 7 23 6 13

2 22 3 5