GalPak3D models

- Implementation 1.8.9

- Implementation 1.9.0

  - New model class "model=DiskModel()"

- Implementation plan 2.0beta

  - New Sersic 3D model (new defaults)

  - New Sersic 2D model

- Implementation plan 2.1beta

- Implementations
  - Was: gpk<=1.8.9

Exponential	**Arctan**
Gaussian	Isothermal
DeVaucouleurs	Exponential
SersicN2	Tanh, mass

  - Gpk2: gpk=1.9.0 DiskModel()

Exponential	**Arctan**
Gaussian	Isothermal
DeVaucouleurs	Exponential
SersicN2	Tanh, mass

- Implementations Gpk2.0beta
  - [OII] free ratio
  - DiskSersicModel()

| **Exponential**
Gaussian
DeVaucouleurs
SersicN2
Sersic Free | Arctan
Isothermal
Exponential
Tanh, mass |

  - Sersic2D()

| **Sersic Free**
Sersic=0.5, 1.0, 2.0, 4.0 | |

  - DiskBulge2D()

| Exponential
+
Bulge (**SersicN2**, N4,
Sersic free) | |

  - DiskBulgeModel()

| Exponential
+
Bulge (**SersicN2,** N4,
Sersic free) | Arctan
Isothermal
Exponential
Tanh, mass |

- # Implementation plan v2.1beta

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  - ## 2.1: DiskHaloModel(redshift)

Exponential Gaussian DeVaucouleurs SersicN2 Sersic free	Isothermal Burkert NFW (+c tied) **tbd : DC14**

  - ## 2.1: DiskBulgeModel(redshift)

Exponential + Bulge (SersicN2, N4, Sersic free)	Arctan Isothermal Exponential Tanh

- Implementation plan
  - GpK2.1: DiskBulgeCombo()
    -

Exponential + Bulge(n=2 / n=4)	Mass(Exp) + Hernquist(Bulge) + Plummer(Bulge) DM:+ isothermal + Burkert

  - Gpk2: DiskBurkertCombo()
    -

Exponential	Mass(Exp) + Burkert

  - GpK2: DiskDC14Combo(redshift)
    -

Exponential	Mass(Exp) + Di14

  - Gpk2: DiskHaloCombo()

Exponential (+ Bulge)	Mass(D)+B/D+ Isothermal Mass(D)+B/D+ Burkert Mass(D)+B/D+ NFW Mass(D)+B/D+ DC14