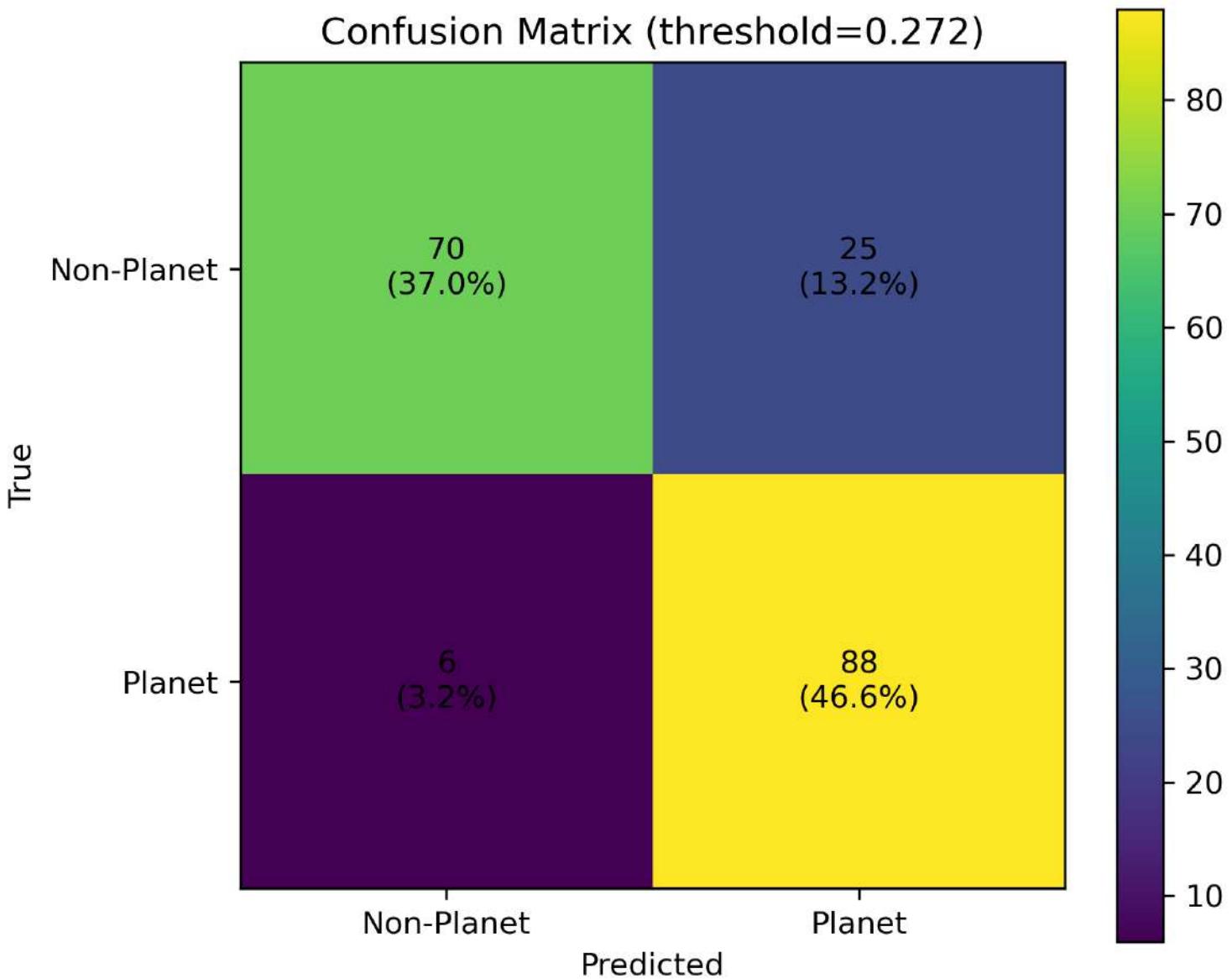


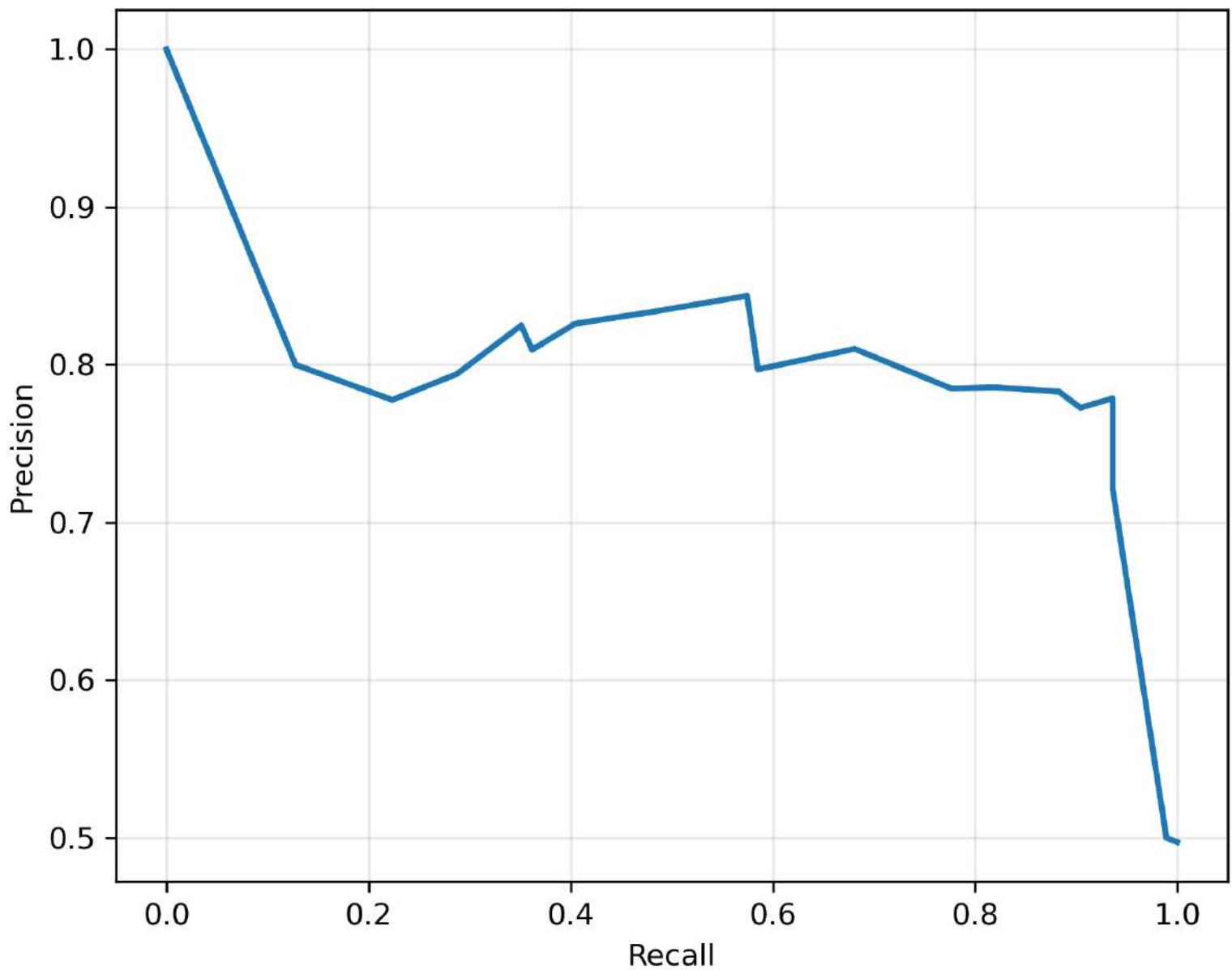
No data augmentation with class_weight = 'balanced'

```
Best Parameters  
found: {'criterion':  
'gini', 'max_depth':  
10, 'max_features':  
'sqrt', 'min_samples_leaf':  
5, 'min_samples_split':  
50}
```

Optimal threshold: 0.2722 (default=0.5) At
this threshold: TPR=0.9362,
FPR=0.2632AUC-ROC: 0.8463Overall
Accuracy: 0.7989 (79.89%)Accuracy
@0.2722: 0.8360 (83.60%)



Precision-Recall Curve (AP=0.7843)

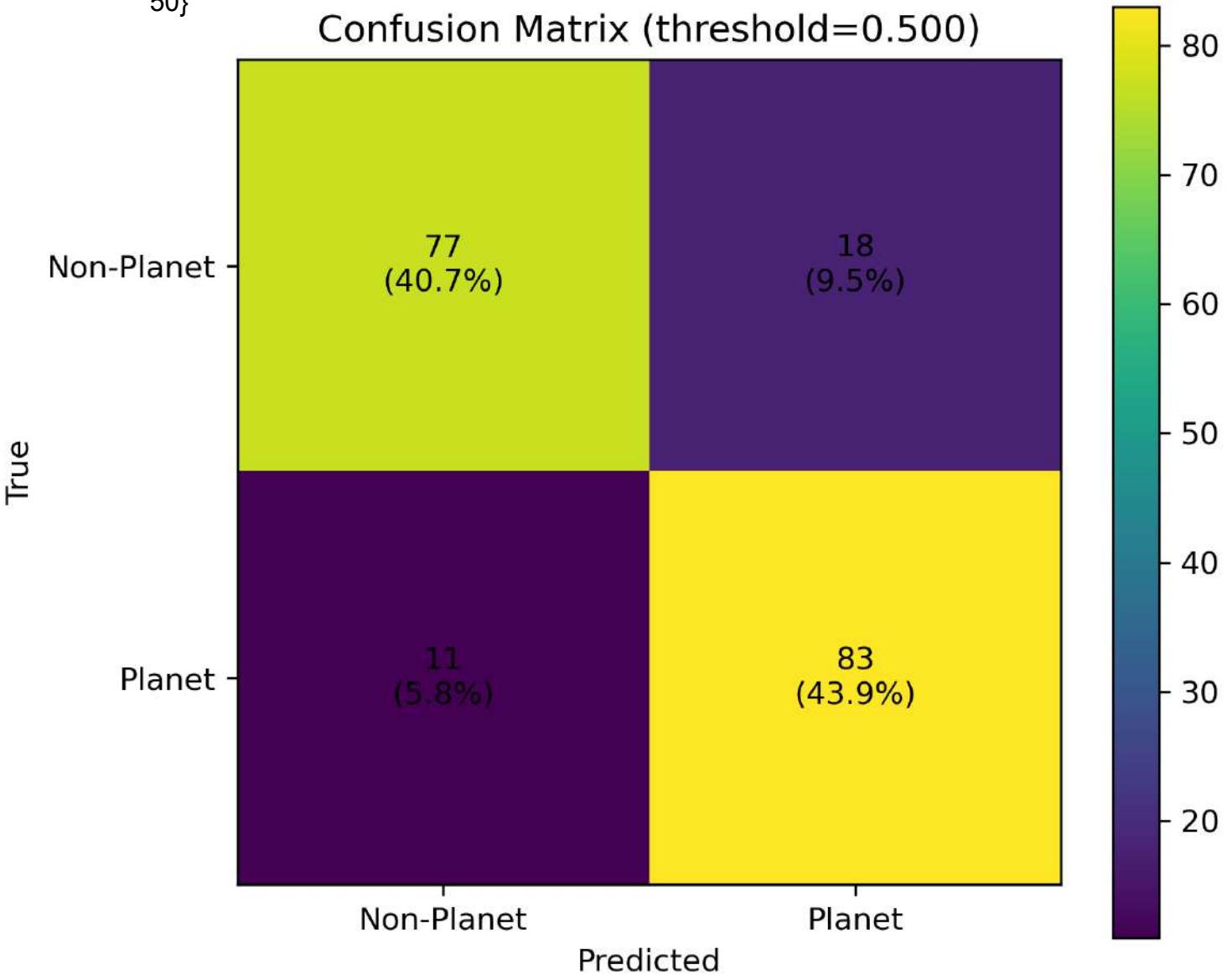


Data augmentation with class_weight = None

Best Parameters
found: {'criterion':
'entropy', 'max_depth':
10, 'max_features':
None, 'min_samples_le
af':
15, 'min_samples_split':
50}

Optimal threshold: 0.5000 (default=0.5) At
this threshold: TPR=0.8830,
FPR=0.1895AUC-ROC: 0.8727Overall
Accuracy: 0.8148 (81.48%)Accuracy
@0.5000: 0.8466 (84.66%)

Confusion Matrix (threshold=0.500)



Precision-Recall Curve (AP=0.8041)

